

## Article 4(a) of EU 2017/575



Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
3iGroup	20-07-18	09:32-11:30			9.323	20-07-18 09:38	1034.704727	Other	NA	Electronic	9.303	9.323
3iGroup	20-07-18	11:32-13:30			9.209	20-07-18 13:19	1034.704727	Other	NA	Electronic	9.209	9.227
3iGroup	26-07-18	09:32-11:30			9.501	26-07-18 09:49	1054.459896	Other	NA	Electronic	9.483	9.501
3iGroup	01-08-18	09:32-11:30			9.389	01-08-18 09:33	1054.459896	Other	NA	Electronic	9.389	9.407
3iGroup	28-09-18	09:32-11:30			9.415	28-09-18 10:30	1022.496476	Other	NA	Electronic	9.415	9.435
3MCo	09-07-18	13:32-15:30			199.42	09-07-18 13:44	8728.783748	Other	NA	Electronic	199.42	199.66
3MCo	13-07-18	15:32-17:30			201.44	13-07-18 17:08	1771.524052	Other	NA	Electronic	201.44	201.6
3MCo	16-07-18	13:32-15:30			201.36	16-07-18 15:27	1771.524052	Other	NA	Electronic	201.15	201.36
3MCo	24-07-18	13:32-15:30			193.17	24-07-18 13:40	1807.140973	Other	NA	Electronic	193.3	193.65
3MCo	03-08-18	13:32-15:30			205.54	03-08-18 14:01	1807.580688	Other	NA	Electronic	205.27	205.54
3MCo	06-08-18	13:32-15:30			205.76	06-08-18 14:23	1807.580688	Other	NA	Electronic	205.76	205.96
3MCo	08-08-18	13:32-15:30			207.95	08-08-18 13:45	1820.508311	Other	NA	Electronic	207.95	208.23
3MCo	10-08-18	13:32-15:30			201.88	10-08-18 13:40	1823.586316	Other	NA	Electronic	201.88	202.23
3MCo	29-08-18	13:32-15:30			209.68	29-08-18 15:00	1843.989095	Other	NA	Electronic	209.68	209.85
3MCo	05-09-18	13:32-15:30			209.3	05-09-18 13:47	1843.989095	Other	NA	Electronic	209.07	209.3

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3MCo	12-09-18	15:32-17:30			210.37	12-09-18 17:25	1732.565298	Other	NA	Electronic	210.37	210.91
3MCo	13-09-18	13:32-15:30			208.19	13-09-18 14:04	1847.594759	Other	NA	Electronic	207.95	208.19
3MCo	13-09-18	15:32-17:30			207.81	13-09-18 16:05	1827.543752	Other	NA	Electronic	207.81	207.99
3MCo	14-09-18	13:32-15:30			208.85	14-09-18 14:01	1836.689825	Other	NA	Electronic	208.6	208.85
3MCo	19-09-18	13:32-15:30			213.07	19-09-18 14:06	14990.41421	Other	NA	Electronic	212.86	213.07
A2A	01-08-18	11:32-13:30			1.539	01-08-18 11:57	107.73	Other	NA	Electronic	1.535	1.539
A2A	10-08-18	13:32-15:30			1.592	10-08-18 13:50	16.2	Other	NA	Electronic	1.592	1.597
A2A	13-08-18	13:32-15:30			1.59	13-08-18 14:18	143.1	Other	NA	Electronic	1.585	1.59
A2A	14-08-18	09:32-11:30			1.592	14-08-18 11:09	143.1	Other	NA	Electronic	1.592	1.596
A2A	16-08-18	09:32-11:30			1.6	16-08-18 10:39	15.94	Other	NA	Electronic	1.6	1.605
A2A	12-09-18	11:32-13:30			1.558	12-09-18 12:21	15.58	Other	NA	Electronic	1.553	1.558
A2A	12-09-18	13:32-15:30			1.561	12-09-18 13:38	15.61	Other	NA	Electronic	1.561	1.565
A2A	20-09-18	13:32-15:30			1.551	20-09-18 14:27	15.51	Other	NA	Electronic	1.546	1.551
ABB	02-07-18	11:32-13:30			21.32	02-07-18 13:28	198.9521382	Other	NA	Electronic	21.32	21.38
ABB	09-07-18	09:32-11:30			21.43	09-07-18 10:37	188.0664118	Other	NA	Electronic	21.43	21.5

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ABB	16-07-18	13:30-13:32	21.84	193.2880204								
ABB	21-09-18	09:32-11:30			23.41	21-09-18 10:55	207.1828094	Other	NA	Electronic	23.41	23.47
Abbott	02-07-18	13:32-15:30			60.48	02-07-18 13:49	1063.758684	Other	NA	Electronic	60.48	60.55
Abbott	03-07-18	13:32-15:30			61.09	03-07-18 13:40	1063.758684	Other	NA	Electronic	61.02	61.09
Abbott	10-07-18	13:32-15:30			63.04	10-07-18 15:23	1108.785507	Other	NA	Electronic	62.98	63.04
Abbott	11-07-18	13:32-15:30			62.52	11-07-18 14:11	1108.785507	Other	NA	Electronic	62.52	62.58
Abbott	17-07-18	13:32-15:30			62.26	17-07-18 13:46	547.5331985	Other	NA	Electronic	62.2	62.26
Abbott	17-07-18	15:32-17:30			62.71	17-07-18 15:36	1102.981268	Other	NA	Electronic	62.65	62.71
Abbott	18-07-18	13:32-15:30			64.71	18-07-18 13:40	1666.871867	Other	NA	Electronic	64.71	64.83
Abbott	25-07-18	15:32-17:30			64.63	25-07-18 16:48	568.3756926	Other	NA	Electronic	64.63	64.69
Abbott	26-07-18	15:32-17:30			65.73	26-07-18 16:02	578.049424	Other	NA	Electronic	65.73	65.8
Abbott	02-08-18	15:32-17:30			64.53	02-08-18 16:06	570.7501539	Other	NA	Electronic	64.46	64.53
Abbott	16-08-18	13:32-15:30			63.98	16-08-18 14:38	562.6593967	Other	NA	Electronic	63.91	63.98
Abbott	16-08-18	15:32-17:30			64.1	16-08-18 17:14	562.6593967	Other	NA	Electronic	64.1	64.16
Abbott	17-08-18	15:32-17:30			64.36	17-08-18 16:31	564.5062	Other	NA	Electronic	64.36	64.42

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AbbVie	02-07-18	15:32-17:30			92.55	02-07-18 16:36	813.9125846	Other	NA	Electronic	92.48	92.55
AbbVie	06-07-18	13:32-15:30			95.5	06-07-18 13:46	839.8557735	Other	NA	Electronic	95.38	95.5
AbbVie	10-07-18	15:32-17:30			98.08	10-07-18 15:48	862.5450708	Other	NA	Electronic	98	98.08
AbbVie	17-07-18	13:32-15:30			96.3	17-07-18 13:45	846.8912145	Other	NA	Electronic	96.17	96.3
AbbVie	18-07-18	13:32-15:30			95.02	18-07-18 13:58	835.6345088	Other	NA	Electronic	94.94	95.02
AbbVie	19-07-18	13:32-15:30			90.57	19-07-18 13:48	796.4998681	Other	NA	Electronic	90.57	90.76
AbbVie	20-07-18	15:32-17:30			87.38	20-07-18 16:29	1536.892094	Other	NA	Electronic	87.3	87.38
AbbVie	24-07-18	13:32-15:30			90.65	24-07-18 14:09	1574.883476	Other	NA	Electronic	90.65	90.79
AbbVie	27-07-18	13:32-15:30			90	27-07-18 15:13	791.4871163	Other	NA	Electronic	89.92	90
AbbVie	31-07-18	13:32-15:30			92.26	31-07-18 13:56	791.4871163	Other	NA	Electronic	92.26	92.39
AbbVie	01-08-18	13:32-15:30			93.74	01-08-18 13:40	846.9791575	Other	NA	Electronic	93.74	94.02
AbbVie	06-08-18	13:32-15:30			96.79	06-08-18 14:01	847.5068156	Other	NA	Electronic	96.79	96.89
AbbVie	07-08-18	15:32-17:30			95.16	07-08-18 15:36	836.865711	Other	NA	Electronic	95.06	95.16
AbbVie	17-08-18	15:32-17:30			98.54	17-08-18 15:46	1733.005013	Other	NA	Electronic	98.54	98.63
AbbVie	23-08-18	15:32-17:30			97.19	23-08-18 16:23	854.7181426	Other	NA	Electronic	97.09	97.19

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AbbVie	24-08-18	15:32-17:30			97.22	24-08-18 16:13	854.7181426	Other	NA	Electronic	97.22	97.3
AbbVie	31-08-18	15:32-17:30			96.13	31-08-18 15:49	845.3961833	Other	NA	Electronic	96.04	96.13
AbbVie	19-09-18	13:32-15:30			90.98	19-09-18 13:42	800.1055316	Other	NA	Electronic	90.98	91.14
AbercFitch	10-08-18	13:32-15:30			26.67	10-08-18 13:59	234.5440155	Other	NA	Electronic	26.67	26.8
AbercFitch	13-08-18	13:32-15:30			26.79	13-08-18 14:59	235.5993316	Other	NA	Electronic	26.79	26.87
AbercFitch	22-08-18	13:32-15:30			28.78	22-08-18 14:59	253.0999912	Other	NA	Electronic	28.78	28.87
AbercFitch	22-08-18	15:32-17:30			28.73	22-08-18 15:38	253.0999912	Other	NA	Electronic	28.65	28.73
AbercFitch	07-09-18	13:32-15:30			21.23	07-09-18 14:11	186.7030164	Other	NA	Electronic	21.16	21.23
AbercFitch	13-09-18	13:32-15:30			20.28	13-09-18 14:39	178.3484302	Other	NA	Electronic	20.21	20.28
AbercFitch	18-09-18	13:32-15:30			19.5	18-09-18 14:06	171.4888752	Other	NA	Electronic	19.41	19.5
AbercFitch	18-09-18	15:32-17:30			19.24	18-09-18 16:50	170.16973	Other	NA	Electronic	19.17	19.24
AbercFitch	19-09-18	13:32-15:30			19.86	19-09-18 14:07	171.4888752	Other	NA	Electronic	19.86	19.94
AbercFitch	21-09-18	13:32-15:30			20.43	21-09-18 13:43	178.3484302	Other	NA	Electronic	20.43	20.54
AbercFitch	24-09-18	13:32-15:30			20.95	24-09-18 14:27	182.7455809	Other	NA	Electronic	20.95	21.03
AbercFitch	24-09-18	15:32-17:30			20.75	24-09-18 15:34	182.4817518	Other	NA	Electronic	20.69	20.75

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AbercFitch	26-09-18	15:32-17:30			21.2	26-09-18 16:05	186.4391874	Other	NA	Electronic	21.13	21.2
ABInbev	11-07-18	13:32-15:30			88.799	11-07-18 13:52	1775.98	Other	NA	Electronic	88.601	88.799
ABInbev	17-07-18	11:32-13:30			87.941	17-07-18 12:40	854.39	Other	NA	Electronic	87.941	88.139
ABInbev	26-07-18	11:32-13:30			86.851	26-07-18 12:22	2590.47	Other	NA	Electronic	86.851	87.039
ABInbev	09-08-18	09:32-11:30			85.811	09-08-18 10:27	3421.56	Other	NA	Electronic	85.811	85.999
ABInbev	27-09-18	11:32-13:30			75.951	27-09-18 11:35	759.51	Other	NA	Electronic	75.951	76.139
ABN AMRO	09-07-18	13:32-15:30			22.106	09-07-18 15:08	2897.4	Other	NA	Electronic	22.106	22.165
ABN AMRO	11-09-18	09:32-11:30			23.415	11-09-18 10:19	234.15	Other	NA	Electronic	23.356	23.415
ABN AMRO	17-09-18	13:32-15:30			23.576	17-09-18 15:04	234.15	Other	NA	Electronic	23.576	23.635
ACADIA	26-09-18	13:32-15:30			21.91	26-09-18 13:51	192.6831413	Other	NA	Electronic	21.81	21.91
Accenture	13-09-18	13:32-15:30			172.18	13-09-18 13:48	1514.202797	Other	NA	Electronic	171.91	172.18
Accenture	13-09-18	15:32-17:30			172.23	13-09-18 16:24	1514.642512	Other	NA	Electronic	171.85	172.23
Accenture	14-09-18	13:32-15:30			171.54	14-09-18 14:03	1514.642512	Other	NA	Electronic	171.54	171.87
Accenture	19-09-18	13:32-15:30			172.83	19-09-18 14:54	1519.919092	Other	NA	Electronic	172.6	172.83
Accor	05-07-18	09:32-11:30			42.58	05-07-18 10:26	415.3	Other	NA	Electronic	42.58	42.69

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Accor	31-07-18	11:32-13:30			44.11	31-07-18 11:44	441.1	Other	NA	Electronic	44.11	44.22
Accor	01-08-18	11:32-13:30			43.66	01-08-18 12:52	456.5	Other	NA	Electronic	43.66	43.77
Accor	01-08-18	13:32-15:30			43.7	01-08-18 13:38	441.1	Other	NA	Electronic	43.59	43.7
Accor	20-09-18	13:32-15:30			43.12	20-09-18 14:03	431.2	Other	NA	Electronic	43.02	43.12
ACS	16-08-18	11:32-13:30			34.778	16-08-18 12:50	3825.58	Other	NA	Electronic	34.778	34.853
ACS	16-08-18	13:32-15:30			35.003	16-08-18 13:33	3825.58	Other	NA	Electronic	34.898	35.003
ACS	20-08-18	13:32-15:30			34.733	20-08-18 13:34	346.78	Other	NA	Electronic	34.658	34.733
ACS	10-09-18	11:32-13:30			35.873	10-09-18 12:42	2111.88	Other	NA	Electronic	35.798	35.873
ACS	13-09-18	09:32-11:30			36.093	13-09-18 11:03	360.93	Other	NA	Electronic	36.008	36.093
Activision	05-07-18	13:32-15:30			76.62	05-07-18 13:41	673.8193651	Other	NA	Electronic	76.51	76.62
Activision	06-07-18	13:32-15:30			76.89	06-07-18 15:22	676.1938264	Other	NA	Electronic	76.81	76.89
Activision	11-07-18	13:32-15:30			76.84	11-07-18 14:07	675.7541113	Other	NA	Electronic	76.77	76.84
Activision	11-07-18	15:32-17:30			77.53	11-07-18 16:49	675.7541113	Other	NA	Electronic	77.53	77.61
Activision	12-07-18	13:32-15:30			79.81	12-07-18 13:40	676.1938264	Other	NA	Electronic	79.81	79.88
Activision	12-07-18	15:32-17:30			79.97	12-07-18 15:48	697.1242635	Other	NA	Electronic	79.97	80.06

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Activision	16-07-18	15:32-17:30			80.68	16-07-18 17:06	709.5242283	Other	NA	Electronic	80.68	80.75
Activision	17-07-18	13:32-15:30			80.13	17-07-18 15:03	704.6873626	Other	NA	Electronic	80.05	80.13
Activision	17-07-18	15:32-17:30			80.74	17-07-18 16:27	710.0518864	Other	NA	Electronic	80.66	80.74
Activision	18-07-18	15:32-17:30			81.43	18-07-18 16:55	1432.239909	Other	NA	Electronic	81.36	81.43
Activision	20-07-18	15:32-17:30			80.19	20-07-18 17:06	704.6873626	Other	NA	Electronic	80.19	80.27
Activision	23-07-18	13:32-15:30			78.99	23-07-18 13:40	709.5242283	Other	NA	Electronic	78.9	78.99
Activision	24-07-18	15:32-17:30			78.52	24-07-18 15:33	1432.239909	Other	NA	Electronic	78.52	78.61
Activision	25-07-18	13:32-15:30			79.09	25-07-18 14:04	695.5412892	Other	NA	Electronic	79.03	79.09
Activision	27-07-18	13:32-15:30			76.48	27-07-18 14:47	663.7059186	Other	NA	Electronic	76.48	76.57
Activision	30-07-18	13:32-15:30			73.63	30-07-18 13:40	1295.048808	Other	NA	Electronic	73.52	73.63
Activision	30-07-18	15:32-17:30			72.13	30-07-18 16:34	695.5412892	Other	NA	Electronic	72.13	72.21
Activision	31-07-18	13:32-15:30			74.19	31-07-18 13:40	2609.796852	Other	NA	Electronic	74.07	74.19
Activision	03-08-18	13:32-15:30			72.09	03-08-18 13:46	2609.796852	Other	NA	Electronic	72.09	72.2
Activision	07-08-18	13:32-15:30			70.52	07-08-18 13:53	620.1741272	Other	NA	Electronic	70.46	70.52
Activision	07-08-18	15:32-17:30			70.11	07-08-18 17:15	616.5684636	Other	NA	Electronic	70.02	70.11



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Activision	09-08-18	13:32-15:30			70.75	09-08-18 15:00	616.5684636	Other	NA	Electronic	70.75	70.82
Activision	13-08-18	13:32-15:30			71.6	13-08-18 14:40	622.1968165	Other	NA	Electronic	71.6	71.67
Activision	13-08-18	15:32-17:30			70.79	13-08-18 16:43	622.5485885	Other	NA	Electronic	70.72	70.79
Activision	14-08-18	13:32-15:30			71.05	14-08-18 14:41	622.5485885	Other	NA	Electronic	71.05	71.13
Activision	16-08-18	13:32-15:30			69.53	16-08-18 13:56	611.4677689	Other	NA	Electronic	69.46	69.53
Activision	20-08-18	13:32-15:30			68.63	20-08-18 13:54	603.5528977	Other	NA	Electronic	68.55	68.63
Activision	21-08-18	13:32-15:30			69.71	21-08-18 13:44	613.0507431	Other	NA	Electronic	69.62	69.71
Activision	21-08-18	15:32-17:30			69.76	21-08-18 16:07	613.4904582	Other	NA	Electronic	69.7	69.76
Activision	22-08-18	13:32-15:30			70.92	22-08-18 13:48	612.7869141	Other	NA	Electronic	70.82	70.92
Activision	24-08-18	13:32-15:30			71.71	24-08-18 13:42	570.4863249	Other	NA	Electronic	71.71	71.81
Activision	31-08-18	13:32-15:30			72.22	31-08-18 13:40	629.0563715	Other	NA	Electronic	72.22	72.32
Activision	06-09-18	13:32-15:30			71.57	06-09-18 14:20	629.4081435	Other	NA	Electronic	71.5	71.57
Activision	11-09-18	13:32-15:30			78.11	11-09-18 14:59	634.9485533	Other	NA	Electronic	78.11	78.18
Activision	11-09-18	15:32-17:30			78.23	11-09-18 15:39	687.9781901	Other	NA	Electronic	78.16	78.23
Activision	17-09-18	13:32-15:30			80.35	17-09-18 14:07	611.4677689	Other	NA	Electronic	80.35	80.44

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Activision	20-09-18	15:32-17:30			80.59	20-09-18 16:45	687.9781901	Other	NA	Electronic	80.59	80.66
Activision	21-09-18	13:32-15:30			81.08	21-09-18 14:08	713.0419488	Other	NA	Electronic	81.01	81.08
Activision	27-09-18	13:32-15:30			82.91	27-09-18 13:43	707.325653	Other	NA	Electronic	82.91	83.08
Adecco	07-08-18	09:32-11:30			60.49	07-08-18 11:26	535.3476352	Other	NA	Electronic	60.31	60.49
Adidas	02-07-18	09:32-11:30			183.9	02-07-18 10:23	1840	Other	NA	Electronic	183.4	183.9
Adidas	10-07-18	09:32-11:30			183.55	10-07-18 11:09	1828.5	Other	NA	Electronic	183.1	183.55
Adidas	13-07-18	09:32-11:30			187.2	13-07-18 09:36	1832.5	Other	NA	Electronic	187.2	187.7
Adidas	13-07-18	11:32-13:30			187.9	13-07-18 13:12	1879	Other	NA	Electronic	187.45	187.9
Adidas	20-07-18	09:32-11:30			190.85	20-07-18 09:57	1905.5	Other	NA	Electronic	190.85	191.3
Adidas	20-07-18	11:32-13:30			189.45	20-07-18 11:45	1894.5	Other	NA	Electronic	189.45	189.95
Adidas	20-07-18	13:32-15:30			189.55	20-07-18 14:13	1894.5	Other	NA	Electronic	189.05	189.55
Adidas	25-07-18	13:32-15:30			188.2	25-07-18 15:03	1879	Other	NA	Electronic	188.2	188.7
Adidas	26-07-18	09:32-11:30			185.2	26-07-18 10:03	1896	Other	NA	Electronic	184.7	185.2
Adidas	26-07-18	13:32-15:30			186.95	26-07-18 13:32	1869.5	Other	NA	Electronic	186.45	186.95
Adidas	27-07-18	09:32-11:30			187.85	27-07-18 10:22	1866	Other	NA	Electronic	187.4	187.85

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Adidas	31-07-18	13:32-15:30			189.4	31-07-18 14:56	1894	Other	NA	Electronic	188.95	189.4
Adidas	01-08-18	11:32-13:30			185.85	01-08-18 12:30	1968.5	Other	NA	Electronic	185.85	186.35
Adidas	09-08-18	13:32-15:30			208.4	09-08-18 13:55	2084	Other	NA	Electronic	207.9	208.4
Adidas	23-08-18	13:32-15:30			213	23-08-18 14:16	2084	Other	NA	Electronic	213	213.5
Admiral	19-07-18	09:32-11:30			19.88	19-07-18 10:38	217.417844	Other	NA	Electronic	19.88	19.92
Admiral	10-08-18	11:32-13:30			20.01	10-08-18 13:16	222.0791761	Other	NA	Electronic	19.96	20.01
Admiral	13-08-18	09:32-11:30			20.1	13-08-18 10:06	223.0780329	Other	NA	Electronic	20.1	20.16
Admiral	13-08-18	11:32-13:30			20.14	13-08-18 11:41	223.5219693	Other	NA	Electronic	20.09	20.14
Admiral	14-08-18	11:32-13:30			20.1	14-08-18 11:42	223.0780329	Other	NA	Electronic	20.05	20.1
Admiral	17-08-18	13:32-15:30			20.4	17-08-18 14:05	226.4075558	Other	NA	Electronic	20.35	20.4
Admiral	23-08-18	09:32-11:30			20.76	23-08-18 11:04	226.4075558	Other	NA	Electronic	20.76	20.81
Adobe	05-07-18	13:32-15:30			243.54	05-07-18 15:27	4283.528274	Other	NA	Electronic	243.09	243.54
Adobe	05-07-18	15:32-17:30			244.43	05-07-18 16:25	2149.591065	Other	NA	Electronic	244.03	244.43
Adobe	06-07-18	13:32-15:30			245.92	06-07-18 14:49	2162.694574	Other	NA	Electronic	245.46	245.92
Adobe	06-07-18	15:32-17:30			247.12	06-07-18 16:09	4283.528274	Other	NA	Electronic	247.12	247.56

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Adobe	10-07-18	13:32-15:30			249.5	10-07-18 13:59	2126.813825	Other	NA	Electronic	249.5	249.9
Adobe	11-07-18	13:32-15:30			248.92	11-07-18 14:58	4378.154956	Other	NA	Electronic	248.92	249.44
Adobe	11-07-18	15:32-17:30			248.24	11-07-18 15:34	4378.154956	Other	NA	Electronic	247.69	248.24
Adobe	13-07-18	15:32-17:30			257.01	13-07-18 17:18	9040.893501	Other	NA	Electronic	257.01	257.34
Adobe	16-07-18	13:32-15:30			256.63	16-07-18 13:40	9040.893501	Other	NA	Electronic	256.08	256.63
Adobe	17-07-18	15:32-17:30			255.93	17-07-18 15:47	6721.044763	Other	NA	Electronic	255.53	255.93
Adobe	20-07-18	15:32-17:30			258.65	20-07-18 15:40	2274.646029	Other	NA	Electronic	258.18	258.65
Adobe	23-07-18	15:32-17:30			259.09	23-07-18 16:51	2278.515522	Other	NA	Electronic	259.09	259.59
Adobe	24-07-18	13:32-15:30			261.27	24-07-18 14:00	2297.687099	Other	NA	Electronic	261.27	261.66
Adobe	24-07-18	15:32-17:30			259.64	24-07-18 15:56	2297.687099	Other	NA	Electronic	259.2	259.64
Adobe	25-07-18	15:32-17:30			262.52	25-07-18 16:20	2293.465834	Other	NA	Electronic	262.52	262.82
Adobe	26-07-18	13:32-15:30			261.67	26-07-18 14:33	2301.204819	Other	NA	Electronic	261.67	262.1
Adobe	26-07-18	15:32-17:30			261.69	26-07-18 16:24	2301.204819	Other	NA	Electronic	261.33	261.69
Adobe	27-07-18	13:32-15:30			258.88	27-07-18 14:47	2214.141236	Other	NA	Electronic	258.88	259.23
Adobe	30-07-18	13:32-15:30			245.52	30-07-18 13:49	2159.176853	Other	NA	Electronic	245.12	245.52

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Adobe	30-07-18	15:32-17:30			243.74	30-07-18 15:41	2143.522997	Other	NA	Electronic	243.46	243.74
Adobe	01-08-18	13:32-15:30			245.58	01-08-18 13:40	2159.704511	Other	NA	Electronic	245.06	245.58
Adobe	03-08-18	13:32-15:30			252.95	03-08-18 14:38	6673.555536	Other	NA	Electronic	252.48	252.95
Adobe	13-08-18	13:32-15:30			255.86	13-08-18 14:58	2159.704511	Other	NA	Electronic	255.86	256.25
Adobe	20-08-18	13:32-15:30			247.74	20-08-18 13:40	2178.700202	Other	NA	Electronic	247.22	247.74
Adobe	04-09-18	15:32-17:30			265.22	04-09-18 16:14	4664.849178	Other	NA	Electronic	264.81	265.22
Adobe	05-09-18	13:32-15:30			263.2	05-09-18 13:40	2181.338493	Other	NA	Electronic	263.2	263.95
Adobe	05-09-18	15:32-17:30			255.62	05-09-18 15:33	4664.849178	Other	NA	Electronic	255.62	255.99
Adobe	06-09-18	13:32-15:30			256.74	06-09-18 13:40	2257.848914	Other	NA	Electronic	256.1	256.74
Adobe	11-09-18	13:32-15:30			268.35	11-09-18 13:49	2359.950752	Other	NA	Electronic	267.96	268.35
Adobe	12-09-18	13:32-15:30			270.13	12-09-18 13:51	2178.700202	Other	NA	Electronic	270.13	270.52
Adobe	13-09-18	13:32-15:30			268.76	13-09-18 13:50	2348.606103	Other	NA	Electronic	268.76	269.23
Adobe	13-09-18	15:32-17:30			267.62	13-09-18 15:36	2343.593352	Other	NA	Electronic	267.62	268.11
Adobe	18-09-18	13:32-15:30			273	18-09-18 14:30	2353.970627	Other	NA	Electronic	273	273.33
Adobe	19-09-18	13:32-15:30			267.92	19-09-18 13:40	2257.848914	Other	NA	Electronic	267.92	268.36

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Adobe	19-09-18	15:32-17:30			263.97	19-09-18 17:12	2321.431712	Other	NA	Electronic	263.69	263.97
Adobe	21-09-18	13:32-15:30			263.82	21-09-18 15:26	2320.112567	Other	NA	Electronic	263.58	263.82
Adobe	24-09-18	13:32-15:30			259.77	24-09-18 13:40	2284.495647	Other	NA	Electronic	259.1	259.77
Adobe	25-09-18	13:32-15:30			265.13	25-09-18 13:42	2320.112567	Other	NA	Electronic	265.13	265.67
Adobe	26-09-18	13:32-15:30			267.42	26-09-18 13:40	2351.772052	Other	NA	Electronic	266.86	267.42
Adobe	27-09-18	13:32-15:30			271.73	27-09-18 14:01	2359.862809	Other	NA	Electronic	271.73	272.13
AdvMicroDev	02-07-18	13:32-15:30			15.2	02-07-18 14:32	1330.577786	Other	NA	Electronic	15.14	15.2
AdvMicroDev	02-07-18	15:32-17:30			14.98	02-07-18 15:56	300.2374461	Other	NA	Electronic	14.92	14.98
AdvMicroDev	03-07-18	13:32-15:30			15.23	03-07-18 14:33	217.571014	Other	NA	Electronic	15.23	15.29
AdvMicroDev	05-07-18	13:32-15:30			15.25	05-07-18 14:25	536.4523789	Other	NA	Electronic	15.25	15.31
AdvMicroDev	06-07-18	13:32-15:30			15.86	06-07-18 13:40	138.8620174	Other	NA	Electronic	15.8	15.86
AdvMicroDev	06-07-18	15:32-17:30			16.29	06-07-18 16:36	143.2591681	Other	NA	Electronic	16.23	16.29
AdvMicroDev	09-07-18	13:32-15:30			16.24	09-07-18 13:59	143.6988831	Other	NA	Electronic	16.24	16.3
AdvMicroDev	09-07-18	15:32-17:30			16.38	09-07-18 16:05	144.0506552	Other	NA	Electronic	16.32	16.38
AdvMicroDev	10-07-18	13:32-15:30			16.58	10-07-18 14:43	1020.666608	Other	NA	Electronic	16.58	16.64

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AdvMicroDev	10-07-18	15:32-17:30			16.66	10-07-18 17:13	1020.666608	Other	NA	Electronic	16.6	16.66
AdvMicroDev	11-07-18	13:32-15:30			16.38	11-07-18 14:14	144.0506552	Other	NA	Electronic	16.38	16.44
AdvMicroDev	11-07-18	15:32-17:30			16.3	11-07-18 16:18	144.0506552	Other	NA	Electronic	16.24	16.3
AdvMicroDev	12-07-18	13:32-15:30			16.67	12-07-18 14:31	1466.010026	Other	NA	Electronic	16.61	16.67
AdvMicroDev	12-07-18	15:32-17:30			16.75	12-07-18 16:00	146.1612875	Other	NA	Electronic	16.69	16.75
AdvMicroDev	13-07-18	13:32-15:30			16.36	13-07-18 13:44	143.8747691	Other	NA	Electronic	16.36	16.42
AdvMicroDev	17-07-18	13:32-15:30			16.68	17-07-18 14:47	146.6889456	Other	NA	Electronic	16.62	16.68
AdvMicroDev	17-07-18	15:32-17:30			16.64	17-07-18 15:37	292.674347	Other	NA	Electronic	16.58	16.64
AdvMicroDev	18-07-18	13:32-15:30			16.65	18-07-18 13:40	292.850233	Other	NA	Electronic	16.59	16.65
AdvMicroDev	18-07-18	15:32-17:30			16.8	18-07-18 16:11	285.2871339	Other	NA	Electronic	16.8	16.86
AdvMicroDev	19-07-18	13:32-15:30			16.76	19-07-18 13:41	442.177469	Other	NA	Electronic	16.76	16.82
AdvMicroDev	19-07-18	15:32-17:30			16.81	19-07-18 15:55	147.8322047	Other	NA	Electronic	16.75	16.81
AdvMicroDev	23-07-18	13:32-15:30			16.11	23-07-18 13:41	425.0285815	Other	NA	Electronic	16.05	16.11
AdvMicroDev	23-07-18	15:32-17:30			16.44	23-07-18 16:25	146.6889456	Other	NA	Electronic	16.44	16.5
AdvMicroDev	24-07-18	13:32-15:30			16.41	24-07-18 15:14	144.3144842	Other	NA	Electronic	16.41	16.47

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AdvMicroDev	24-07-18	15:32-17:30			16.32	24-07-18 15:55	144.3144842	Other	NA	Electronic	16.26	16.32
AdvMicroDev	25-07-18	13:32-15:30			16.06	25-07-18 14:00	423.7094363	Other	NA	Electronic	16	16.06
AdvMicroDev	25-07-18	15:32-17:30			16.05	25-07-18 15:57	140.7088207	Other	NA	Electronic	16.05	16.12
AdvMicroDev	26-07-18	13:32-15:30			17.41	26-07-18 13:40	147.8322047	Other	NA	Electronic	17.41	17.47
AdvMicroDev	26-07-18	15:32-17:30			18.37	26-07-18 15:53	107.2904758	Other	NA	Electronic	18.31	18.37
AdvMicroDev	27-07-18	13:32-15:30			19.46	27-07-18 13:44	171.1371032	Other	NA	Electronic	19.46	19.52
AdvMicroDev	27-07-18	15:30-15:32	18.96	143.6109401								
AdvMicroDev	30-07-18	13:32-15:30			20.13	30-07-18 14:32	177.029285	Other	NA	Electronic	20.13	20.19
AdvMicroDev	30-07-18	15:32-17:30			19.56	30-07-18 15:56	161.4633717	Other	NA	Electronic	19.56	19.62
AdvMicroDev	01-08-18	13:32-15:30			18.5	01-08-18 13:40	258.200686	Other	NA	Electronic	18.44	18.5
AdvMicroDev	02-08-18	13:32-15:30			18.4	02-08-18 13:40	161.8151438	Other	NA	Electronic	18.34	18.4
AdvMicroDev	02-08-18	15:32-17:30			18.72	02-08-18 16:11	661.3314572	Other	NA	Electronic	18.66	18.72
AdvMicroDev	03-08-18	13:32-15:30			18.5	03-08-18 14:46	161.8151438	Other	NA	Electronic	18.5	18.56
AdvMicroDev	03-08-18	15:32-17:30			18.49	03-08-18 16:15	166.5640665	Other	NA	Electronic	18.43	18.49
AdvMicroDev	06-08-18	13:32-15:30			18.83	06-08-18 13:56	331.1933867	Other	NA	Electronic	18.77	18.83



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AdvMicroDev	07-08-18	13:32-15:30			19.19	07-08-18 13:47	165.5087503	Other	NA	Electronic	19.19	19.26
AdvMicroDev	08-08-18	15:32-17:30			19.38	08-08-18 16:12	170.4335591	Other	NA	Electronic	19.32	19.38
AdvMicroDev	09-08-18	13:32-15:30			19.52	09-08-18 14:08	171.6647612	Other	NA	Electronic	19.46	19.52
AdvMicroDev	13-08-18	13:32-15:30			19.72	13-08-18 14:41	173.4236215	Other	NA	Electronic	19.72	19.78
AdvMicroDev	13-08-18	15:32-17:30			19.48	13-08-18 15:56	173.4236215	Other	NA	Electronic	19.42	19.48
AdvMicroDev	14-08-18	13:32-15:30			19.97	14-08-18 14:57	170.4335591	Other	NA	Electronic	19.97	20.03
AdvMicroDev	14-08-18	15:32-17:30			19.88	14-08-18 16:09	524.4921291	Other	NA	Electronic	19.88	19.94
AdvMicroDev	15-08-18	13:32-15:30			20.04	15-08-18 13:40	1762.377979	Other	NA	Electronic	20.04	20.1
AdvMicroDev	17-08-18	13:32-15:30			19.26	17-08-18 13:58	171.6647612	Other	NA	Electronic	19.26	19.32
AdvMicroDev	20-08-18	15:32-17:30			19.74	20-08-18 16:51	173.5995075	Other	NA	Electronic	19.68	19.74
AdvMicroDev	21-08-18	13:32-15:30			20.03	21-08-18 13:41	880.7492745	Other	NA	Electronic	20.03	20.09
AdvMicroDev	22-08-18	15:32-17:30			20.65	22-08-18 15:41	1816.023217	Other	NA	Electronic	20.59	20.65
AdvMicroDev	24-08-18	13:32-15:30			23.49	24-08-18 14:56	195.0576027	Other	NA	Electronic	23.43	23.49
AdvMicroDev	24-08-18	15:32-17:30			23.39	24-08-18 15:46	205.6987072	Other	NA	Electronic	23.39	23.45
AdvMicroDev	27-08-18	13:32-15:30			25.32	27-08-18 14:18	2226.717087	Other	NA	Electronic	25.25	25.32

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AdvMicroDev	27-08-18	15:30-15:32	25.8	226.8929734								
AdvMicroDev	28-08-18	13:32-15:30			25.7	28-08-18 13:40	223.9908539	Other	NA	Electronic	25.7	25.77
AdvMicroDev	29-08-18	13:32-15:30			24.14	29-08-18 14:23	212.2944332	Other	NA	Electronic	24.08	24.14
AdvMicroDev	30-08-18	13:32-15:30			25.6	30-08-18 14:36	218.1866151	Other	NA	Electronic	25.54	25.6
AdvMicroDev	30-08-18	15:32-17:30			25.42	30-08-18 16:20	2235.511389	Other	NA	Electronic	25.36	25.42
AdvMicroDev	04-09-18	13:32-15:30			26.5	04-09-18 14:05	233.0489843	Other	NA	Electronic	26.5	26.56
AdvMicroDev	04-09-18	15:32-17:30			26.98	04-09-18 15:34	2348.957875	Other	NA	Electronic	26.98	27.04
AdvMicroDev	05-09-18	13:32-15:30			28.45	05-09-18 13:43	250.1978718	Other	NA	Electronic	28.45	28.51
AdvMicroDev	05-09-18	15:32-17:30			29.27	05-09-18 16:34	257.4091988	Other	NA	Electronic	29.21	29.27
AdvMicroDev	06-09-18	13:32-15:30			27.42	06-09-18 14:11	212.2944332	Other	NA	Electronic	27.42	27.48
AdvMicroDev	06-09-18	15:32-17:30			28.26	06-09-18 16:06	248.5269545	Other	NA	Electronic	28.26	28.32
AdvMicroDev	07-09-18	13:32-15:30			28	07-09-18 13:55	246.2404362	Other	NA	Electronic	27.94	28
AdvMicroDev	07-09-18	15:32-17:30			27.6	07-09-18 16:08	247.6475244	Other	NA	Electronic	27.6	27.66
AdvMicroDev	10-09-18	13:32-15:30			28.14	10-09-18 13:40	247.4716384	Other	NA	Electronic	28.14	28.2
AdvMicroDev	10-09-18	15:32-17:30			28.92	10-09-18 16:02	257.4091988	Other	NA	Electronic	28.92	28.98

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AdvMicroDev	11-09-18	13:32-15:30			30.46	11-09-18 13:48	535.7488348	Other	NA	Electronic	30.46	30.52
AdvMicroDev	11-09-18	15:32-17:30			30.16	11-09-18 15:34	530.472254	Other	NA	Electronic	30.16	30.22
AdvMicroDev	12-09-18	13:32-15:30			29.96	12-09-18 13:42	263.4772667	Other	NA	Electronic	29.9	29.96
AdvMicroDev	13-09-18	13:32-15:30			33.73	13-09-18 13:40	296.6317826	Other	NA	Electronic	33.73	33.79
AdvMicroDev	13-09-18	15:32-17:30			33.05	13-09-18 16:43	581.3033155	Other	NA	Electronic	32.99	33.05
AdvMicroDev	14-09-18	13:32-15:30			31.79	14-09-18 14:56	559.1416762	Other	NA	Electronic	31.73	31.79
AdvMicroDev	14-09-18	15:32-17:30			31.86	14-09-18 15:58	280.1864392	Other	NA	Electronic	31.8	31.86
AdvMicroDev	17-09-18	15:32-17:30			32.73	17-09-18 15:37	287.8374813	Other	NA	Electronic	32.73	32.79
AdvMicroDev	18-09-18	13:32-15:30			32.04	18-09-18 14:39	287.8374813	Other	NA	Electronic	31.98	32.04
AdvMicroDev	18-09-18	15:32-17:30			31.79	18-09-18 15:47	242.9865447	Other	NA	Electronic	31.79	31.85
AdvMicroDev	19-09-18	13:32-15:30			30.95	19-09-18 13:40	278.603465	Other	NA	Electronic	30.95	31.01
AdvMicroDev	19-09-18	15:32-17:30			30.94	19-09-18 16:41	243.0744877	Other	NA	Electronic	30.94	31
AdvMicroDev	21-09-18	15:32-17:30			31.34	21-09-18 17:18	275.6134025	Other	NA	Electronic	31.27	31.34
AdvMicroDev	24-09-18	13:32-15:30			31.85	24-09-18 13:43	280.0984962	Other	NA	Electronic	31.79	31.85
AdvMicroDev	25-09-18	13:32-15:30			33.46	25-09-18 13:40	841.3508047	Other	NA	Electronic	33.46	33.52

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AdvMicroDev	26-09-18	13:32-15:30			31.92	26-09-18 13:54	278.779351	Other	NA	Electronic	31.92	31.98
AdvMicroDev	27-09-18	13:32-15:30			31.8	27-09-18 13:49	279.6587811	Other	NA	Electronic	31.74	31.8
AdvMicroDev	27-09-18	15:32-17:30			32.24	27-09-18 15:48	283.5282737	Other	NA	Electronic	32.24	32.3
AdvMicroDev	28-09-18	13:32-15:30			32.52	28-09-18 14:51	561.4281945	Other	NA	Electronic	32.52	32.58
AdvMicroDev	28-09-18	15:32-17:30			30.52	28-09-18 15:40	286.5183361	Other	NA	Electronic	30.52	30.59
Aegon	02-07-18	13:32-15:30			5.119	02-07-18 14:22	58.9	Other	NA	Electronic	5.119	5.132
Aegon	01-08-18	11:32-13:30			5.645	01-08-18 12:53	54.16	Other	NA	Electronic	5.645	5.658
Aegon	12-09-18	09:32-11:30			5.214	12-09-18 09:45	52.14	Other	NA	Electronic	5.201	5.214
Aegon	13-09-18	11:32-13:30			5.243	13-09-18 11:35	52.14	Other	NA	Electronic	5.243	5.258
Aegon	18-09-18	09:32-11:30			5.242	18-09-18 11:24	52.42	Other	NA	Electronic	5.227	5.242
Aegon	19-09-18	09:32-11:30			5.295	19-09-18 10:52	52.42	Other	NA	Electronic	5.295	5.308
Aegon	20-09-18	13:32-15:30			5.49	20-09-18 14:53	54.9	Other	NA	Electronic	5.475	5.49
Aes	19-07-18	13:32-15:30			12.87	19-07-18 13:40	235.8631607	Other	NA	Electronic	12.81	12.87
Aes	26-07-18	13:32-15:30			13.53	26-07-18 13:40	118.9868965	Other	NA	Electronic	13.53	13.61
Aes	26-07-18	15:32-17:30			13.46	26-07-18 16:43	118.9868965	Other	NA	Electronic	13.4	13.46

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Aes	30-07-18	15:32-17:30			13.39	30-07-18 15:56	118.2833524	Other	NA	Electronic	13.39	13.45
Aes	03-08-18	13:32-15:30			13.65	03-08-18 15:02	120.0422126	Other	NA	Electronic	13.65	13.71
Aes	07-08-18	13:32-15:30			13.64	07-08-18 13:40	120.0422126	Other	NA	Electronic	13.57	13.64
Aes	08-08-18	13:32-15:30			13.95	08-08-18 15:14	245.3610061	Other	NA	Electronic	13.89	13.95
Aes	09-08-18	13:32-15:30			13.84	09-08-18 15:01	121.7131299	Other	NA	Electronic	13.84	13.9
Aes	09-08-18	15:32-17:30			13.78	09-08-18 17:13	121.7131299	Other	NA	Electronic	13.72	13.78
Aes	13-08-18	15:32-17:30			13.42	13-08-18 15:45	245.3610061	Other	NA	Electronic	13.42	13.49
Aes	22-08-18	13:32-15:30			13.94	22-08-18 14:32	122.59256	Other	NA	Electronic	13.88	13.94
Aes	05-09-18	13:32-15:30			13.3	05-09-18 13:44	116.9642072	Other	NA	Electronic	13.24	13.3
Aes	13-09-18	13:32-15:30			13.22	13-09-18 13:57	115.381233	Other	NA	Electronic	13.22	13.28
Aetna	26-07-18	15:32-17:30			189.64	26-07-18 15:33	1667.751297	Other	NA	Electronic	189.38	189.64
Aetna	15-08-18	13:32-15:30			196.32	15-08-18 14:15	1667.751297	Other	NA	Electronic	196.32	196.62
Aflac	06-07-18	13:32-15:30			42.84	06-07-18 13:47	1883.739337	Other	NA	Electronic	42.75	42.84
Aflac	17-07-18	15:32-17:30			42.83	17-07-18 16:50	1883.739337	Other	NA	Electronic	42.83	42.89
Aflac	24-07-18	15:32-17:30			43.75	24-07-18 16:25	384.7506816	Other	NA	Electronic	43.69	43.75

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Aflac	27-07-18	13:32-15:30			46.34	27-07-18 13:40	384.7506816	Other	NA	Electronic	46.34	46.41
Ahold Delhaize	10-07-18	09:32-11:30			20.967	10-07-18 10:01	168.36	Other	NA	Electronic	20.967	21.009
Ahold Delhaize	25-09-18	11:32-13:30			19.541	25-09-18 11:42	195.41	Other	NA	Electronic	19.5	19.541
Ahold Delhaize	27-09-18	13:32-15:30			19.67	27-09-18 15:17	195.41	Other	NA	Electronic	19.67	19.711
AIG	02-07-18	13:32-15:30			52.91	02-07-18 13:47	930.6129628	Other	NA	Electronic	52.91	52.97
AIG	03-07-18	13:32-15:30			53.65	03-07-18 13:40	930.6129628	Other	NA	Electronic	53.57	53.65
AIG	24-07-18	13:32-15:30			53.7	24-07-18 13:54	944.5079588	Other	NA	Electronic	53.63	53.7
AIG	25-07-18	13:32-15:30			53.14	25-07-18 14:04	944.5079588	Other	NA	Electronic	53.14	53.22
AIG	26-07-18	13:32-15:30			54.2	26-07-18 14:41	469.8795181	Other	NA	Electronic	54.2	54.26
AIG	30-07-18	13:32-15:30			54.93	30-07-18 13:46	468.0327148	Other	NA	Electronic	54.93	55.02
AIG	01-08-18	13:32-15:30			55.76	01-08-18 14:59	490.3702401	Other	NA	Electronic	55.76	55.83
AIG	08-08-18	13:32-15:30			52.3	08-08-18 15:08	459.9419576	Other	NA	Electronic	52.3	52.36
AIG	15-08-18	13:32-15:30			51.91	15-08-18 14:55	459.9419576	Other	NA	Electronic	51.85	51.91
AIG	16-08-18	15:32-17:30			52.75	16-08-18 16:10	490.3702401	Other	NA	Electronic	52.69	52.75
AIG	17-09-18	13:32-15:30			53.16	17-09-18 14:08	467.5050567	Other	NA	Electronic	53.16	53.23

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Airbus	02-07-18	11:32-13:30			98.3	02-07-18 12:57	1966	Other	NA	Electronic	98.01	98.3
Airbus	02-07-18	13:32-15:30			97.89	02-07-18 15:08	1966	Other	NA	Electronic	97.89	98.18
Airbus	13-07-18	09:32-11:30			107.6	13-07-18 10:45	1064.3	Other	NA	Electronic	107.29	107.6
Airbus	19-07-18	09:32-11:30			107.12	19-07-18 09:42	1071.2	Other	NA	Electronic	106.81	107.12
Airbus	20-07-18	09:32-11:30			105.89	20-07-18 10:20	1071.2	Other	NA	Electronic	105.89	106.22
AirFrance	02-07-18	11:32-13:30			6.893	02-07-18 13:27	70.52	Other	NA	Electronic	6.893	6.918
AirFrance	04-07-18	09:32-11:30			6.909	04-07-18 11:15	69.09	Other	NA	Electronic	6.909	6.936
AirFrance	04-07-18	13:32-15:30			6.98	04-07-18 14:45	69.09	Other	NA	Electronic	6.951	6.98
AirFrance	05-07-18	09:32-11:30			6.987	05-07-18 09:38	139.48	Other	NA	Electronic	6.987	7.014
AirFrance	06-07-18	09:32-11:30			6.888	06-07-18 09:53	71.21	Other	NA	Electronic	6.861	6.888
AirFrance	09-07-18	09:32-11:30			7.397	09-07-18 10:06	149.4	Other	NA	Electronic	7.397	7.422
AirFrance	10-07-18	09:32-11:30			7.275	10-07-18 10:56	72.66	Other	NA	Electronic	7.275	7.304
AirFrance	10-07-18	11:32-13:30			7.233	10-07-18 13:20	1007.16	Other	NA	Electronic	7.233	7.258
AirFrance	10-07-18	13:32-15:30			7.208	10-07-18 14:10	72.08	Other	NA	Electronic	7.185	7.208
AirFrance	11-07-18	09:32-11:30			7.106	11-07-18 11:06	71.06	Other	NA	Electronic	7.083	7.106

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AirFrance	11-07-18	11:32-13:30			7.11	11-07-18 12:48	71.1	Other	NA	Electronic	7.087	7.11
AirFrance	11-07-18	13:32-15:30			7.098	11-07-18 14:08	70.98	Other	NA	Electronic	7.075	7.098
AirFrance	12-07-18	11:32-13:30			7.023	12-07-18 12:07	70.23	Other	NA	Electronic	7.023	7.048
AirFrance	13-07-18	09:32-11:30			7.225	13-07-18 10:51	72.1	Other	NA	Electronic	7.225	7.248
AirFrance	13-07-18	11:32-13:30			7.292	13-07-18 11:55	72.13	Other	NA	Electronic	7.269	7.292
AirFrance	13-07-18	13:32-15:30			7.227	13-07-18 14:32	71.96	Other	NA	Electronic	7.227	7.25
AirFrance	16-07-18	13:30-13:32	7.19	215.7								
AirFrance	17-07-18	11:32-13:30			7.319	17-07-18 13:05	591.2	Other	NA	Electronic	7.319	7.344
AirFrance	18-07-18	09:32-11:30			7.325	18-07-18 10:49	732.5	Other	NA	Electronic	7.325	7.35
AirFrance	26-07-18	09:32-11:30			7.344	26-07-18 10:40	146.88	Other	NA	Electronic	7.319	7.344
AirFrance	26-07-18	11:32-13:30			7.267	26-07-18 12:25	146.88	Other	NA	Electronic	7.267	7.288
AirFrance	30-07-18	09:32-11:30			7.506	30-07-18 10:01	150.12	Other	NA	Electronic	7.483	7.506
AirFrance	31-07-18	09:32-11:30			7.848	31-07-18 10:13	78.48	Other	NA	Electronic	7.825	7.848
AirFrance	01-08-18	09:32-11:30			8.198	01-08-18 10:27	327.92	Other	NA	Electronic	8.169	8.198
AirFrance	01-08-18	11:32-13:30			8.242	01-08-18 12:23	82.42	Other	NA	Electronic	8.213	8.242



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AirFrance	02-08-18	11:32-13:30			8.343	02-08-18 11:53	327.92	Other	NA	Electronic	8.343	8.376
AirFrance	03-08-18	09:32-11:30			8.408	03-08-18 10:01	168.16	Other	NA	Electronic	8.385	8.408
AirFrance	06-08-18	11:32-13:30			8.647	06-08-18 12:06	83.9	Other	NA	Electronic	8.647	8.67
AirFrance	09-08-18	09:30-09:32	9.026	180.52								
AirFrance	09-08-18	11:32-13:30			8.96	09-08-18 13:27	89.91	Other	NA	Electronic	8.933	8.96
AirFrance	09-08-18	13:32-15:30			8.975	09-08-18 13:45	89.75	Other	NA	Electronic	8.975	8.998
AirFrance	10-08-18	09:32-11:30			9.002	10-08-18 11:22	89.53	Other	NA	Electronic	8.975	9.002
AirFrance	10-08-18	11:32-13:30			8.927	10-08-18 13:02	89.27	Other	NA	Electronic	8.927	8.958
AirFrance	10-08-18	13:32-15:30			8.872	10-08-18 13:50	89.27	Other	NA	Electronic	8.843	8.872
AirFrance	15-08-18	09:32-11:30			8.837	15-08-18 10:59	170.36	Other	NA	Electronic	8.837	8.862
AirFrance	16-08-18	11:32-13:30			8.942	16-08-18 13:28	88.61	Other	NA	Electronic	8.919	8.942
AirFrance	22-08-18	11:32-13:30			9.286	22-08-18 12:02	92.86	Other	NA	Electronic	9.261	9.286
AirFrance	23-08-18	13:32-15:30			9.315	23-08-18 13:54	90.24	Other	NA	Electronic	9.315	9.34
AirFrance	04-09-18	09:32-11:30			8.466	04-09-18 09:37	84.66	Other	NA	Electronic	8.443	8.466
AirFrance	07-09-18	13:32-15:30			8.326	07-09-18 15:13	166.52	Other	NA	Electronic	8.303	8.326

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AirFrance	20-09-18	09:32-11:30			8.963	20-09-18 10:00	166.52	Other	NA	Electronic	8.963	8.988
AirFrance	24-09-18	09:32-11:30			8.81	24-09-18 09:40	88.1	Other	NA	Electronic	8.783	8.81
AirFrance	25-09-18	09:32-11:30			8.391	25-09-18 11:10	91.58	Other	NA	Electronic	8.391	8.416
AirFrance	27-09-18	09:32-11:30			8.59	27-09-18 10:47	85.9	Other	NA	Electronic	8.565	8.59
AirFrance	27-09-18	13:32-15:30			8.691	27-09-18 14:39	85.9	Other	NA	Electronic	8.691	8.728
Akamai	10-07-18	13:32-15:30			75.98	10-07-18 14:08	649.9868085	Other	NA	Electronic	75.98	76.14
Akamai	27-07-18	13:32-15:30			80.1	27-07-18 14:47	661.7711723	Other	NA	Electronic	80.1	80.27
Akamai	10-09-18	13:32-15:30			76.07	10-09-18 13:47	668.9824993	Other	NA	Electronic	75.88	76.07
Aker Solutions	14-08-18	09:32-11:30			56.003	14-08-18 10:10	57.47534594	Other	NA	Electronic	55.797	56.003
Aker Solutions	16-08-18	09:32-11:30			54.757	16-08-18 10:05	57.47534594	Other	NA	Electronic	54.757	54.923
Alcoa	06-07-18	13:32-15:30			46.84	06-07-18 14:58	823.8501451	Other	NA	Electronic	46.73	46.84
Alcoa	09-07-18	15:32-17:30			47.85	09-07-18 17:29	823.8501451	Other	NA	Electronic	47.85	47.93
Alcoa	10-07-18	13:32-15:30			48.48	10-07-18 14:07	426.3477267	Other	NA	Electronic	48.4	48.48
Alcoa	19-07-18	13:32-15:30			44.98	19-07-18 13:40	848.6500748	Other	NA	Electronic	44.98	45.16
Alcoa	19-07-18	15:32-17:30			42.46	19-07-18 16:11	421.950576	Other	NA	Electronic	42.46	42.61

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alcoa	26-07-18	15:32-17:30			42.98	26-07-18 16:35	755.9581391	Other	NA	Electronic	42.98	43.05
Alcoa	30-07-18	13:32-15:30			43.2	30-07-18 13:40	759.8276317	Other	NA	Electronic	43.2	43.39
Alcoa	02-08-18	13:32-15:30			42.66	02-08-18 14:28	759.8276317	Other	NA	Electronic	42.58	42.66
Alcoa	06-08-18	13:32-15:30			42.48	06-08-18 14:02	747.1638378	Other	NA	Electronic	42.36	42.48
Alcoa	07-08-18	13:32-15:30			43.05	07-08-18 13:48	747.1638378	Other	NA	Electronic	43.05	43.16
Alcoa	10-08-18	13:32-15:30			43.74	10-08-18 14:54	760.1794037	Other	NA	Electronic	43.74	43.82
Alcoa	13-08-18	15:32-17:30			44.25	13-08-18 15:51	778.2956644	Other	NA	Electronic	44.25	44.31
Alcoa	15-08-18	13:32-15:30			41.36	15-08-18 14:55	373.933691	Other	NA	Electronic	41.29	41.36
Alcoa	15-08-18	15:32-17:30			41.04	15-08-18 17:10	360.9181251	Other	NA	Electronic	40.96	41.04
Alcoa	17-08-18	15:32-17:30			41.75	17-08-18 16:01	367.162079	Other	NA	Electronic	41.66	41.75
Alcoa	22-08-18	13:32-15:30			43.22	22-08-18 13:40	1140.269106	Other	NA	Electronic	43.22	43.42
Alcoa	23-08-18	13:32-15:30			42.5	23-08-18 13:40	1121.273415	Other	NA	Electronic	42.5	42.71
Alcoa	27-08-18	13:32-15:30			44.04	27-08-18 13:40	1161.903087	Other	NA	Electronic	44.04	44.16
Alcoa	28-08-18	13:32-15:30			45.03	28-08-18 13:40	1188.022162	Other	NA	Electronic	45.03	45.16
Alcoa	30-08-18	13:32-15:30			44.85	30-08-18 13:40	1183.273239	Other	NA	Electronic	44.85	44.97

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alcoa	31-08-18	15:32-17:30			44.96	31-08-18 17:09	1188.022162	Other	NA	Electronic	44.89	44.96
Alcoa	07-09-18	13:32-15:30			40.98	07-09-18 13:41	1183.273239	Other	NA	Electronic	40.87	40.98
Alcoa	13-09-18	13:32-15:30			42.23	13-09-18 15:18	3713.833436	Other	NA	Electronic	42.15	42.23
Alcoa	13-09-18	15:32-17:30			42.1	13-09-18 16:07	3332.16076	Other	NA	Electronic	42.02	42.1
Alcoa	14-09-18	13:32-15:30			42.06	14-09-18 14:07	369.8883124	Other	NA	Electronic	41.97	42.06
Alcoa	14-09-18	15:32-17:30			42.25	14-09-18 17:08	369.8883124	Other	NA	Electronic	42.25	42.33
Alcoa	17-09-18	13:32-15:30			43.09	17-09-18 13:40	1136.839328	Other	NA	Electronic	43.09	43.35
Alcoa	18-09-18	13:32-15:30			43.61	18-09-18 13:40	1150.558438	Other	NA	Electronic	43.6	43.74
Alcoa	19-09-18	13:32-15:30			42.46	19-09-18 13:40	1120.218099	Other	NA	Electronic	42.46	42.59
Alcoa	20-09-18	13:32-15:30			43.27	20-09-18 14:44	1150.558438	Other	NA	Electronic	43.2	43.27
Alcoa	24-09-18	13:32-15:30			43.16	24-09-18 13:40	1138.686131	Other	NA	Electronic	43.16	43.36
Alcoa	27-09-18	13:32-15:30			40.56	27-09-18 15:26	354.9380002	Other	NA	Electronic	40.56	40.63
Alcoa	28-09-18	13:32-15:30			41.11	28-09-18 13:48	1138.686131	Other	NA	Electronic	41.04	41.11
Alexion Pharmaceuticals	06-07-18	13:32-15:30			130.22	06-07-18 14:45	2290.387829	Other	NA	Electronic	130.22	130.59
Alexion Pharmaceuticals	30-07-18	15:32-17:30			129.93	30-07-18 16:14	2290.387829	Other	NA	Electronic	129.58	129.93

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alexion Pharmaceuticals	07-09-18	15:32-17:30			116.35	07-09-18 16:08	1023.216955	Other	NA	Electronic	116.08	116.35
Alexion Pharmaceuticals	18-09-18	13:32-15:30			119.64	18-09-18 15:21	1037.463724	Other	NA	Electronic	119.64	119.93
Alibaba	02-07-18	13:32-15:30			183.07	02-07-18 14:26	3219.945475	Other	NA	Electronic	182.9	183.07
Alibaba	02-07-18	15:32-17:30			183.65	02-07-18 15:52	3219.945475	Other	NA	Electronic	183.65	183.82
Alibaba	03-07-18	13:32-15:30			184.98	03-07-18 13:46	1627.209568	Other	NA	Electronic	184.76	184.98
Alibaba	05-07-18	13:32-15:30			183.57	05-07-18 14:16	1638.026559	Other	NA	Electronic	183.57	183.75
Alibaba	06-07-18	13:32-15:30			187.14	06-07-18 13:40	4899.041421	Other	NA	Electronic	187.14	187.35
Alibaba	06-07-18	15:32-17:30			191.49	06-07-18 15:49	1684.020755	Other	NA	Electronic	191.32	191.49
Alibaba	09-07-18	13:32-15:30			193.32	09-07-18 13:55	3230.498637	Other	NA	Electronic	193.32	193.52
Alibaba	09-07-18	15:32-17:30			192.97	09-07-18 15:48	8485.181602	Other	NA	Electronic	192.79	192.97
Alibaba	10-07-18	13:32-15:30			192.66	10-07-18 13:40	1694.310087	Other	NA	Electronic	192.46	192.66
Alibaba	10-07-18	15:32-17:30			191.91	10-07-18 17:11	1714.976695	Other	NA	Electronic	191.91	192.11
Alibaba	11-07-18	13:32-15:30			189.26	11-07-18 13:40	3394.072641	Other	NA	Electronic	189.26	189.47
Alibaba	11-07-18	15:32-17:30			188.7	11-07-18 15:51	16594.84654	Other	NA	Electronic	188.51	188.7
Alibaba	12-07-18	13:32-15:30			190.84	12-07-18 13:40	5034.913376	Other	NA	Electronic	190.65	190.84

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Alibaba	13-07-18	13:32-15:30			189.93	13-07-18 13:48	5034.913376	Other	NA	Electronic	189.93	190.16
Alibaba	13-07-18	15:32-17:30			190.08	13-07-18 17:10	1677.073257	Other	NA	Electronic	190.08	190.23
Alibaba	16-07-18	13:32-15:30			190.3	16-07-18 13:40	1789.376484	Other	NA	Electronic	190.09	190.3
Alibaba	16-07-18	15:32-17:30			190.24	16-07-18 15:40	8365.13939	Other	NA	Electronic	190.06	190.24
Alibaba	17-07-18	13:32-15:30			188.46	17-07-18 13:41	1657.374022	Other	NA	Electronic	188.26	188.46
Alibaba	17-07-18	15:32-17:30			191.04	17-07-18 15:47	3344.296896	Other	NA	Electronic	191.04	191.22
Alibaba	18-07-18	13:32-15:30			192.53	18-07-18 13:40	1693.166828	Other	NA	Electronic	192.34	192.53
Alibaba	18-07-18	15:32-17:30			191.15	18-07-18 16:53	1688.85762	Other	NA	Electronic	190.97	191.15
Alibaba	19-07-18	13:32-15:30			188.57	19-07-18 13:40	1658.341395	Other	NA	Electronic	188.57	188.83
Alibaba	19-07-18	15:32-17:30			188.08	19-07-18 15:51	1657.110193	Other	NA	Electronic	187.9	188.08
Alibaba	20-07-18	13:32-15:30			187.91	20-07-18 13:40	1652.537156	Other	NA	Electronic	187.91	188.13
Alibaba	23-07-18	13:32-15:30			184.96	23-07-18 13:40	8485.181602	Other	NA	Electronic	184.96	185.15
Alibaba	24-07-18	13:32-15:30			190.35	24-07-18 13:40	1645.853487	Other	NA	Electronic	190.35	190.55
Alibaba	24-07-18	15:32-17:30			190.51	24-07-18 15:41	3350.804679	Other	NA	Electronic	190.51	190.78
Alibaba	25-07-18	13:32-15:30			191.93	25-07-18 13:40	1684.020755	Other	NA	Electronic	191.93	192.16

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Alibaba	25-07-18	15:32-17:30			194.42	25-07-18 15:36	8544.982851	Other	NA	Electronic	194.42	194.61
Alibaba	26-07-18	13:32-15:30			193.04	26-07-18 14:04	1694.046258	Other	NA	Electronic	192.85	193.04
Alibaba	26-07-18	15:32-17:30			194.09	26-07-18 17:00	1707.677425	Other	NA	Electronic	194.09	194.26
Alibaba	27-07-18	13:32-15:30			194.16	27-07-18 13:47	1663.090317	Other	NA	Electronic	194.16	194.39
Alibaba	30-07-18	13:32-15:30			186.1	30-07-18 14:26	1710.403658	Other	NA	Electronic	186.1	186.47
Alibaba	30-07-18	15:32-17:30			183.99	30-07-18 15:46	3236.12699	Other	NA	Electronic	183.77	183.99
Alibaba	31-07-18	13:32-15:30			188.59	31-07-18 13:40	3236.12699	Other	NA	Electronic	188.59	188.89
Alibaba	31-07-18	15:32-17:30			187.63	31-07-18 16:02	1636.091813	Other	NA	Electronic	187.63	187.93
Alibaba	01-08-18	13:32-15:30			185.01	01-08-18 13:40	1832.644446	Other	NA	Electronic	185.01	185.29
Alibaba	01-08-18	15:32-17:30			184.98	01-08-18 16:23	1626.769853	Other	NA	Electronic	184.98	185.39
Alibaba	02-08-18	13:32-15:30			181.88	02-08-18 13:40	1599.507519	Other	NA	Electronic	181.66	181.88
Alibaba	02-08-18	15:32-17:30			181.17	02-08-18 16:22	1593.263565	Other	NA	Electronic	180.98	181.17
Alibaba	03-08-18	15:32-17:30			181.83	03-08-18 16:32	3198.135608	Other	NA	Electronic	181.65	181.83
Alibaba	06-08-18	13:32-15:30			178.58	06-08-18 13:50	1570.486325	Other	NA	Electronic	178.58	178.8
Alibaba	06-08-18	15:32-17:30			178.5	06-08-18 16:48	1569.782781	Other	NA	Electronic	178.28	178.5

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alibaba	07-08-18	13:32-15:30			181.2	07-08-18 13:40	1571.189869	Other	NA	Electronic	180.98	181.2
Alibaba	07-08-18	15:32-17:30			182.2	07-08-18 16:05	3204.643391	Other	NA	Electronic	181.99	182.2
Alibaba	08-08-18	13:32-15:30			178.48	08-08-18 14:10	1569.606895	Other	NA	Electronic	178.26	178.48
Alibaba	08-08-18	15:32-17:30			177.28	08-08-18 15:52	1559.053733	Other	NA	Electronic	177.28	177.5
Alibaba	09-08-18	13:32-15:30			179.84	09-08-18 13:40	1559.053733	Other	NA	Electronic	179.65	179.84
Alibaba	09-08-18	15:32-17:30			179.12	09-08-18 16:22	1569.606895	Other	NA	Electronic	179.12	179.32
Alibaba	10-08-18	15:32-17:30			179.57	10-08-18 15:39	1573.124615	Other	NA	Electronic	179.57	179.76
Alibaba	13-08-18	15:32-17:30			177.3	13-08-18 15:34	1559.229619	Other	NA	Electronic	177.3	177.52
Alibaba	14-08-18	13:32-15:30			174.1	14-08-18 13:40	1559.229619	Other	NA	Electronic	173.86	174.1
Alibaba	14-08-18	15:32-17:30			172.2	14-08-18 16:01	1514.378683	Other	NA	Electronic	172.03	172.2
Alibaba	15-08-18	13:32-15:30			168.95	15-08-18 13:40	2971.594407	Other	NA	Electronic	168.74	168.95
Alibaba	16-08-18	13:32-15:30			174.89	16-08-18 15:08	3076.070706	Other	NA	Electronic	174.71	174.89
Alibaba	16-08-18	15:32-17:30			175.22	16-08-18 15:41	1540.937473	Other	NA	Electronic	175.03	175.22
Alibaba	17-08-18	13:32-15:30			170.47	17-08-18 13:40	1499.164541	Other	NA	Electronic	170.47	170.71
Alibaba	17-08-18	15:32-17:30			170.66	17-08-18 15:46	1484.741887	Other	NA	Electronic	170.49	170.66



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Alibaba	20-08-18	13:32-15:30			175.72	20-08-18 13:48	1545.334623	Other	NA	Electronic	175.6	175.79
Alibaba	20-08-18	15:32-17:30			177.37	20-08-18 16:18	1514.378683	Other	NA	Electronic	177.37	177.55
Alibaba	21-08-18	13:32-15:30			179.26	21-08-18 13:49	1576.46645	Other	NA	Electronic	179.06	179.26
Alibaba	21-08-18	15:32-17:30			178.23	21-08-18 16:09	1582.270689	Other	NA	Electronic	178.23	178.41
Alibaba	22-08-18	13:32-15:30			177.58	22-08-18 13:40	1561.692024	Other	NA	Electronic	177.4	177.58
Alibaba	22-08-18	15:32-17:30			177.77	22-08-18 15:54	1563.362941	Other	NA	Electronic	177.59	177.77
Alibaba	23-08-18	13:32-15:30			184.71	23-08-18 13:40	1624.395392	Other	NA	Electronic	184.46	184.71
Alibaba	23-08-18	15:32-17:30			177.4	23-08-18 16:33	1560.109049	Other	NA	Electronic	177.13	177.4
Alibaba	24-08-18	13:32-15:30			174.45	24-08-18 13:57	1534.165861	Other	NA	Electronic	174.45	174.71
Alibaba	27-08-18	13:32-15:30			178.11	27-08-18 13:47	3132.706007	Other	NA	Electronic	177.94	178.11
Alibaba	27-08-18	15:32-17:30			179.39	27-08-18 16:21	1577.609709	Other	NA	Electronic	179.22	179.39
Alibaba	28-08-18	13:32-15:30			178.83	28-08-18 13:49	1577.609709	Other	NA	Electronic	178.83	179.02
Alibaba	30-08-18	15:32-17:30			175.25	30-08-18 15:40	1541.201302	Other	NA	Electronic	175.25	175.44
Alibaba	31-08-18	15:32-17:30			175.6	31-08-18 16:18	1543.223991	Other	NA	Electronic	175.6	175.8
Alibaba	04-09-18	13:32-15:30			171.35	04-09-18 14:04	1506.903527	Other	NA	Electronic	171.35	171.53

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Alibaba	04-09-18	15:32-17:30			170.38	04-09-18 15:44	1498.373054	Other	NA	Electronic	170.38	170.55
Alibaba	05-09-18	13:32-15:30			167.42	05-09-18 13:40	1472.341922	Other	NA	Electronic	167.22	167.42
Alibaba	05-09-18	15:32-17:30			165.21	05-09-18 16:52	1452.906517	Other	NA	Electronic	165.01	165.21
Alibaba	06-09-18	13:32-15:30			161.76	06-09-18 15:00	1422.566177	Other	NA	Electronic	161.76	161.99
Alibaba	06-09-18	15:32-17:30			159.47	06-09-18 17:14	1402.427227	Other	NA	Electronic	159.24	159.47
Alibaba	10-09-18	13:32-15:30			158.57	10-09-18 14:05	1394.512356	Other	NA	Electronic	158.57	158.78
Alibaba	10-09-18	15:32-17:30			157.57	10-09-18 15:54	1383.167707	Other	NA	Electronic	157.57	157.77
Alibaba	11-09-18	13:32-15:30			155.48	11-09-18 13:44	1367.337965	Other	NA	Electronic	155.21	155.48
Alibaba	11-09-18	15:32-17:30			156.36	11-09-18 16:42	1375.07695	Other	NA	Electronic	156.36	156.63
Alibaba	12-09-18	13:32-15:30			159.6	12-09-18 15:16	1386.15777	Other	NA	Electronic	159.64	159.95
Alibaba	13-09-18	13:32-15:30			166.37	13-09-18 13:47	1463.107906	Other	NA	Electronic	166.37	166.59
Alibaba	13-09-18	15:32-17:30			165.21	13-09-18 15:36	2905.813033	Other	NA	Electronic	164.99	165.21
Alibaba	14-09-18	13:32-15:30			166.69	14-09-18 13:43	1452.906517	Other	NA	Electronic	166.69	166.89
Alibaba	14-09-18	15:32-17:30			164.01	14-09-18 16:07	14423.53355	Other	NA	Electronic	164.01	164.32
Alibaba	17-09-18	13:32-15:30			159.7	17-09-18 13:45	77244.7454	Other	NA	Electronic	159.7	159.86

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Alibaba	18-09-18	13:32-15:30			156.79	18-09-18 13:49	1378.8585	Other	NA	Electronic	156.79	157.03
Alibaba	18-09-18	15:32-17:30			155.79	18-09-18 16:23	1378.8585	Other	NA	Electronic	155.61	155.79
Alibaba	19-09-18	13:32-15:30			160.67	19-09-18 13:40	1370.679799	Other	NA	Electronic	160.31	160.67
Alibaba	20-09-18	13:32-15:30			165.71	20-09-18 13:40	14162.3428	Other	NA	Electronic	165.45	165.71
Alibaba	20-09-18	15:32-17:30			165.49	20-09-18 17:28	1455.368921	Other	NA	Electronic	165.31	165.49
Alibaba	21-09-18	13:32-15:30			168.15	21-09-18 14:13	7045.114766	Other	NA	Electronic	167.97	168.15
Alibaba	21-09-18	15:32-17:30			166.58	21-09-18 15:54	1454.049776	Other	NA	Electronic	166.58	166.76
Alibaba	24-09-18	13:32-15:30			161.13	24-09-18 13:51	28340.51535	Other	NA	Electronic	160.9	161.13
Alibaba	25-09-18	15:32-17:30			163.24	25-09-18 15:51	1435.581743	Other	NA	Electronic	163.04	163.24
Alibaba	26-09-18	13:32-15:30			167.28	26-09-18 13:47	29422.21441	Other	NA	Electronic	167.08	167.28
Alibaba	27-09-18	13:32-15:30			165.54	27-09-18 13:58	1455.808636	Other	NA	Electronic	165.32	165.54
Alibaba	27-09-18	15:32-17:30			166.49	27-09-18 16:22	1464.163222	Other	NA	Electronic	166.32	166.49
Alibaba	28-09-18	13:32-15:30			164.15	28-09-18 13:55	29422.21441	Other	NA	Electronic	164.15	164.37
AllianzAG	02-07-18	13:32-15:30			174.68	02-07-18 15:08	1743.1	Other	NA	Electronic	174.68	175.07
AllianzAG	01-08-18	11:32-13:30			187.44	01-08-18 12:52	1898.3	Other	NA	Electronic	187.44	187.85

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AllianzAG	28-08-18	11:32-13:30			187.59	28-08-18 13:11	1875.9	Other	NA	Electronic	187.18	187.59
AllianzAG	29-08-18	11:32-13:30			187.9	29-08-18 11:46	1875.9	Other	NA	Electronic	187.9	188.29
AllianzAG	04-09-18	09:32-11:30			183.05	04-09-18 10:06	1824.8	Other	NA	Electronic	182.64	183.05
AllianzAG	04-09-18	11:32-13:30			181.63	04-09-18 11:42	1817.4	Other	NA	Electronic	181.2	181.63
AllianzAG	06-09-18	13:32-15:30			180.56	06-09-18 15:01	1805.6	Other	NA	Electronic	180.56	180.99
AllianzAG	07-09-18	11:32-13:30			181.31	07-09-18 11:49	1805.6	Other	NA	Electronic	180.9	181.31
AllianzAG	10-09-18	09:32-11:30			183.17	10-09-18 11:03	1831.7	Other	NA	Electronic	182.74	183.17
AllianzAG	10-09-18	13:30-13:32	182.12	1831.7								
AllianzAG	17-09-18	11:32-13:30			186.37	17-09-18 13:07	1863.7	Other	NA	Electronic	185.96	186.37
AllianzAG	28-09-18	11:32-13:30			190.12	28-09-18 12:49	1901.2	Other	NA	Electronic	190.12	190.53
Allstate	04-09-18	13:32-15:30			100.57	04-09-18 13:58	884.442881	Other	NA	Electronic	100.47	100.57
Allstate	26-09-18	15:32-17:30			99.43	26-09-18 16:57	1748.834755	Other	NA	Electronic	99.35	99.43
Alpha Bank	06-07-18	09:32-11:30			1.901	06-07-18 10:39	57.03	Other	NA	Electronic	1.884	1.901
Alpha Bank	27-07-18	11:32-13:30			1.825	27-07-18 13:15	20.01	Other	NA	Electronic	1.825	1.843
Alpha Bank	01-08-18	11:32-13:30			1.859	01-08-18 12:30	102.95	Other	NA	Electronic	1.859	1.876

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alpha Bank	03-08-18	09:32-11:30			1.857	03-08-18 11:23	1114.2	Other	NA	Electronic	1.839	1.857
Alpha Bank	07-08-18	09:32-11:30			1.85	07-08-18 11:01	1861	Other	NA	Electronic	1.85	1.872
Alpha Bank	10-08-18	13:32-15:30			1.783	10-08-18 13:32	18.75	Other	NA	Electronic	1.783	1.8
Alpha Bank	13-08-18	11:32-13:30			1.711	13-08-18 13:04	1711	Other	NA	Electronic	1.696	1.711
Alpha Bank	13-08-18	13:32-15:30			1.672	13-08-18 13:39	16.41	Other	NA	Electronic	1.672	1.688
Alpha Bank	14-08-18	11:32-13:30			1.603	14-08-18 11:34	32.06	Other	NA	Electronic	1.586	1.603
Alpha Bank	17-08-18	11:32-13:30			1.596	17-08-18 12:24	15.96	Other	NA	Electronic	1.596	1.613
Alpha Bank	20-08-18	11:32-13:30			1.569	20-08-18 13:04	15.69	Other	NA	Electronic	1.569	1.592
Alpha Bank	29-08-18	09:32-11:30			1.679	29-08-18 10:14	32.06	Other	NA	Electronic	1.679	1.697
Alpha Bank	29-08-18	11:32-13:30			1.709	29-08-18 12:02	17.09	Other	NA	Electronic	1.693	1.709
Alpha Bank	30-08-18	11:32-13:30			1.68	30-08-18 11:34	17.12	Other	NA	Electronic	1.68	1.706
Alpha Bank	31-08-18	09:32-11:30			1.596	31-08-18 10:50	18.86	Other	NA	Electronic	1.596	1.616
Alpha Bank	06-09-18	11:32-13:30			1.401	06-09-18 12:03	350.25	Other	NA	Electronic	1.386	1.401
Alpha Bank	11-09-18	11:32-13:30			1.345	11-09-18 12:59	283.6	Other	NA	Electronic	1.345	1.373
Alpha Bank	17-09-18	09:32-11:30			1.307	17-09-18 11:20	13.07	Other	NA	Electronic	1.292	1.307

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Alpha Bank	18-09-18	09:32-11:30			1.296	18-09-18 09:40	37.86	Other	NA	Electronic	1.296	1.313
Alpha Bank	19-09-18	09:32-11:30			1.331	19-09-18 10:13	14.33	Other	NA	Electronic	1.316	1.331
Alpha Bank	21-09-18	09:32-11:30			1.208	21-09-18 10:28	604	Other	NA	Electronic	1.193	1.208
Alpha Bank	21-09-18	13:32-15:30			1.229	21-09-18 13:54	614	Other	NA	Electronic	1.229	1.244
Alpha Bank	24-09-18	09:30-09:32	1.201	1201								
Alpha Bank	26-09-18	09:32-11:30			1.217	26-09-18 11:05	36.03	Other	NA	Electronic	1.201	1.217
Altaba	09-07-18	13:32-15:30			75.35	09-07-18 14:19	1325.301205	Other	NA	Electronic	75.35	75.44
Altaba	23-07-18	13:32-15:30			72.91	23-07-18 15:15	641.1925073	Other	NA	Electronic	72.85	72.91
Altaba	01-08-18	13:32-15:30			72.89	01-08-18 13:40	641.1925073	Other	NA	Electronic	72.89	72.98
Altaba	15-08-18	13:32-15:30			66.93	15-08-18 13:40	588.6025855	Other	NA	Electronic	66.84	66.93
Altaba	15-08-18	15:32-17:30			66.69	15-08-18 17:16	586.4919532	Other	NA	Electronic	66.61	66.69
Altaba	16-08-18	13:32-15:30			68.77	16-08-18 13:56	604.7840999	Other	NA	Electronic	68.69	68.77
Altaba	20-08-18	15:32-17:30			69.68	20-08-18 16:18	588.6025855	Other	NA	Electronic	69.68	69.75
Altaba	23-08-18	13:32-15:30			72.88	23-08-18 13:55	604.7840999	Other	NA	Electronic	72.88	72.96
Altaba	23-08-18	15:32-17:30			69.21	23-08-18 16:18	608.6535925	Other	NA	Electronic	69.14	69.21

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Altaba	27-08-18	15:32-17:30			70.28	27-08-18 16:03	608.6535925	Other	NA	Electronic	70.28	70.35
Altaba	05-09-18	13:32-15:30			67.03	05-09-18 13:49	589.4820157	Other	NA	Electronic	66.96	67.03
Altaba	06-09-18	15:32-17:30			64.02	06-09-18 16:56	610.7642248	Other	NA	Electronic	64.02	64.12
Altaba	27-09-18	15:32-17:30			68.6	27-09-18 17:09	589.4820157	Other	NA	Electronic	68.6	68.67
Altice	05-07-18	13:32-15:30			3.179	05-07-18 14:06	31.47	Other	NA	Electronic	3.179	3.197
Altice	11-07-18	09:32-11:30			3.245	11-07-18 10:40	32.45	Other	NA	Electronic	3.226	3.245
Altice	11-07-18	13:32-15:30			3.189	11-07-18 15:20	32.45	Other	NA	Electronic	3.189	3.206
Altice	17-07-18	11:32-13:30			3.077	17-07-18 11:56	30.77	Other	NA	Electronic	3.077	3.094
Altice	20-07-18	13:32-15:30			3	20-07-18 14:16	2995	Other	NA	Electronic	3	3.015
Altice	26-07-18	11:32-13:30			2.815	26-07-18 11:53	28.15	Other	NA	Electronic	2.815	2.831
Altice	09-08-18	13:32-15:30			2.47	09-08-18 13:32	24.7	Other	NA	Electronic	2.454	2.47
Altice	20-09-18	13:32-15:30			2.216	20-09-18 14:33	22.16	Other	NA	Electronic	2.199	2.216
Altice	21-09-18	09:32-11:30			2.263	21-09-18 10:51	22.16	Other	NA	Electronic	2.263	2.28
Altice	27-09-18	13:30-13:32	2.428	70.6								
Altice	28-09-18	09:32-11:30			2.334	28-09-18 11:16	46.68	Other	NA	Electronic	2.334	2.35

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Altice	28-09-18	11:32-13:30			2.337	28-09-18 11:54	46.68	Other	NA	Electronic	2.318	2.337
Altri	31-08-18	11:32-13:30			7.903	31-08-18 12:21	79.03	Other	NA	Electronic	7.838	7.903
Altri	03-09-18	13:32-15:30			7.948	03-09-18 14:47	79.03	Other	NA	Electronic	7.948	7.983
Altria	06-07-18	13:32-15:30			58.32	06-07-18 15:29	512.8836514	Other	NA	Electronic	58.26	58.32
Altria	16-07-18	13:32-15:30			57.38	16-07-18 14:16	512.8836514	Other	NA	Electronic	57.38	57.44
Altria	24-07-18	13:32-15:30			57.66	24-07-18 13:41	507.0794125	Other	NA	Electronic	57.66	57.73
Altria	30-07-18	13:32-15:30			58.56	30-07-18 15:04	1029.988567	Other	NA	Electronic	58.49	58.56
Altria	01-08-18	13:32-15:30			58.43	01-08-18 13:40	507.0794125	Other	NA	Electronic	58.36	58.43
Altria	02-08-18	13:32-15:30			58.13	02-08-18 13:40	574.1799314	Other	NA	Electronic	58.13	58.21
Altria	03-08-18	13:32-15:30			59.07	03-08-18 13:40	517.280802	Other	NA	Electronic	58.99	59.07
Altria	08-08-18	13:32-15:30			59.42	08-08-18 13:40	523.524756	Other	NA	Electronic	59.33	59.42
Altria	06-09-18	13:32-15:30			60.62	06-09-18 13:47	533.1105444	Other	NA	Electronic	60.62	60.71
Altria	07-09-18	13:32-15:30			60.72	07-09-18 13:44	533.9899745	Other	NA	Electronic	60.72	60.8
Altria	10-09-18	13:32-15:30			61.63	10-09-18 13:40	533.9899745	Other	NA	Electronic	61.55	61.63
Amadeus	05-07-18	13:32-15:30			67.859	05-07-18 13:55	674.01	Other	NA	Electronic	67.859	68.021



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Amazon	02-07-18	13:32-15:30			1,694.57	02-07-18 13:52	14902.55914	Other	NA	Electronic	1,691.50	1,694.57
Amazon	02-07-18	15:32-17:30			1,689.55	02-07-18 17:11	15139.6535	Other	NA	Electronic	1,689.55	1,691.58
Amazon	03-07-18	13:32-15:30			1,714.67	03-07-18 13:40	15079.3246	Other	NA	Electronic	1,710.84	1,714.67
Amazon	05-07-18	13:32-15:30			1,696.12	05-07-18 14:23	14916.19031	Other	NA	Electronic	1,693.95	1,696.12
Amazon	05-07-18	15:32-17:30			1,698.32	05-07-18 16:34	14916.19031	Other	NA	Electronic	1,698.32	1,700.89
Amazon	06-07-18	13:32-15:30			1,710.80	06-07-18 15:23	15045.29065	Other	NA	Electronic	1,708.56	1,710.80
Amazon	06-07-18	15:32-17:30			1,712.98	06-07-18 17:21	14902.55914	Other	NA	Electronic	1,712.98	1,714.65
Amazon	09-07-18	13:32-15:30			1,721.75	09-07-18 13:46	15141.58825	Other	NA	Electronic	1,721.75	1,724.47
Amazon	10-07-18	13:32-15:30			1,745.36	10-07-18 14:21	15349.2217	Other	NA	Electronic	1,743.80	1,745.36
Amazon	10-07-18	15:32-17:30			1,745.66	10-07-18 17:12	15193.03491	Other	NA	Electronic	1,743.69	1,745.66
Amazon	11-07-18	13:32-15:30			1,745.86	11-07-18 13:54	15352.4756	Other	NA	Electronic	1,745.86	1,747.80
Amazon	11-07-18	15:32-17:30			1,747.71	11-07-18 16:34	14778.64744	Other	NA	Electronic	1,747.71	1,749.47
Amazon	12-07-18	13:32-15:30			1,768.28	12-07-18 13:40	73947.76185	Other	NA	Electronic	1,766.11	1,768.28
Amazon	12-07-18	15:30-15:32	1,783.51	15684.7243								
Amazon	13-07-18	13:32-15:30			1,799.88	13-07-18 13:56	15828.68701	Other	NA	Electronic	1,797.36	1,799.88

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Amazon	13-07-18	15:32-17:30			1,810.62	13-07-18 15:32	15828.68701	Other	NA	Electronic	1,810.62	1,812.76
Amazon	16-07-18	13:32-15:30			1,828.59	16-07-18 14:31	15662.47472	Other	NA	Electronic	1,828.59	1,830.49
Amazon	16-07-18	15:32-17:30			1,829.88	16-07-18 15:39	16092.51605	Other	NA	Electronic	1,828.07	1,829.88
Amazon	17-07-18	13:32-15:30			1,819.93	17-07-18 13:58	32010.0255	Other	NA	Electronic	1,817.27	1,819.93
Amazon	18-07-18	13:32-15:30			1,847.94	18-07-18 13:44	32502.68226	Other	NA	Electronic	1,845.01	1,847.94
Amazon	18-07-18	15:32-17:30			1,849.83	18-07-18 15:36	16267.96236	Other	NA	Electronic	1,847.86	1,849.83
Amazon	19-07-18	13:32-15:30			1,837.30	19-07-18 13:42	16202.18099	Other	NA	Electronic	1,835.54	1,837.30
Amazon	19-07-18	15:32-17:30			1,833.33	19-07-18 15:49	15291.79492	Other	NA	Electronic	1,833.33	1,835.45
Amazon	20-07-18	13:32-15:30			1,832.26	20-07-18 14:01	16052.23815	Other	NA	Electronic	1,832.26	1,834.93
Amazon	23-07-18	13:32-15:30			1,782.12	23-07-18 13:50	15672.50022	Other	NA	Electronic	1,782.12	1,786.27
Amazon	23-07-18	15:32-17:30			1,807.80	23-07-18 15:42	15806.1736	Other	NA	Electronic	1,805.70	1,807.80
Amazon	24-07-18	13:32-15:30			1,833.76	24-07-18 13:40	15850.32099	Other	NA	Electronic	1,833.76	1,835.50
Amazon	24-07-18	15:32-17:30			1,819.38	24-07-18 17:15	32000.35177	Other	NA	Electronic	1,817.05	1,819.38
Amazon	25-07-18	13:32-15:30			1,831.98	25-07-18 14:09	16110.98408	Other	NA	Electronic	1,829.50	1,831.98
Amazon	25-07-18	15:32-17:30			1,842.99	25-07-18 16:53	16207.80934	Other	NA	Electronic	1,840.93	1,842.99

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Amazon	26-07-18	13:32-15:30			1,840.76	26-07-18 13:40	16272.71128	Other	NA	Electronic	1,837.15	1,840.76
Amazon	26-07-18	15:32-17:30			1,826.90	26-07-18 15:41	16066.30903	Other	NA	Electronic	1,826.90	1,828.84
Amazon	27-07-18	13:32-15:30			1,857.09	27-07-18 13:40	32097.08909	Other	NA	Electronic	1,857.09	1,860.89
Amazon	27-07-18	15:32-17:30			1,838.03	27-07-18 16:20	16164.18961	Other	NA	Electronic	1,833.76	1,838.03
Amazon	30-07-18	13:32-15:30			1,812.11	30-07-18 14:19	15936.24132	Other	NA	Electronic	1,808.16	1,811.59
Amazon	31-07-18	13:32-15:30			1,799.98	31-07-18 13:40	15829.56644	Other	NA	Electronic	1,797.11	1,799.98
Amazon	31-07-18	15:32-17:30			1,783.03	31-07-18 15:49	15383.95919	Other	NA	Electronic	1,783.03	1,785.33
Amazon	01-08-18	13:32-15:30			1,779.51	01-08-18 13:40	16369.4486	Other	NA	Electronic	1,779.51	1,781.62
Amazon	01-08-18	15:32-17:30			1,784.60	01-08-18 17:05	15616.48052	Other	NA	Electronic	1,784.60	1,786.50
Amazon	02-08-18	13:32-15:30			1,791.90	02-08-18 13:51	15758.50849	Other	NA	Electronic	1,791.90	1,793.94
Amazon	02-08-18	15:32-17:30			1,811.43	02-08-18 15:52	15930.26119	Other	NA	Electronic	1,809.50	1,811.43
Amazon	06-08-18	15:32-17:30			1,839.29	06-08-18 16:19	16147.92015	Other	NA	Electronic	1,839.29	1,841.17
Amazon	07-08-18	13:32-15:30			1,856.39	07-08-18 14:27	16325.65298	Other	NA	Electronic	1,856.39	1,858.26
Amazon	07-08-18	15:32-17:30			1,856.34	07-08-18 15:32	16325.65298	Other	NA	Electronic	1,854.13	1,856.34
Amazon	08-08-18	13:32-15:30			1,867.52	08-08-18 13:47	16423.53355	Other	NA	Electronic	1,864.93	1,867.52

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Amazon	09-08-18	13:32-15:30			1,897.48	09-08-18 14:15	16687.01082	Other	NA	Electronic	1,894.79	1,897.48
Amazon	09-08-18	15:32-17:30			1,895.74	09-08-18 15:50	16423.53355	Other	NA	Electronic	1,895.74	1,897.54
Amazon	10-08-18	13:32-15:30			1,895.38	10-08-18 14:15	16668.54278	Other	NA	Electronic	1,893.25	1,895.38
Amazon	13-08-18	13:32-15:30			1,909.52	13-08-18 13:51	16567.49626	Other	NA	Electronic	1,909.52	1,911.67
Amazon	13-08-18	15:32-17:30			1,908.92	13-08-18 16:55	16787.61762	Other	NA	Electronic	1,906.36	1,908.92
Amazon	15-08-18	13:32-15:30			1,911.06	15-08-18 13:43	16806.43743	Other	NA	Electronic	1,908.45	1,911.06
Amazon	16-08-18	13:32-15:30			1,899.09	16-08-18 14:31	16701.16964	Other	NA	Electronic	1,899.09	1,901.71
Amazon	17-08-18	13:32-15:30			1,864.29	17-08-18 14:19	16395.12796	Other	NA	Electronic	1,864.29	1,867.27
Amazon	20-08-18	13:32-15:30			1,872.04	20-08-18 14:20	16463.28379	Other	NA	Electronic	1,868.81	1,872.04
Amazon	20-08-18	15:32-17:30			1,882.98	20-08-18 15:43	16463.28379	Other	NA	Electronic	1,882.98	1,885.88
Amazon	21-08-18	15:32-17:30			1,896.69	21-08-18 15:59	16680.06332	Other	NA	Electronic	1,894.72	1,896.69
Amazon	27-08-18	13:32-15:30			1,918.84	27-08-18 15:10	16653.59247	Other	NA	Electronic	1,918.84	1,920.75
Amazon	28-08-18	13:32-15:30			1,935.13	28-08-18 13:56	17018.11626	Other	NA	Electronic	1,933.42	1,935.13
Amazon	29-08-18	13:32-15:30			1,957.38	29-08-18 13:40	17213.78946	Other	NA	Electronic	1,954.51	1,957.38
Amazon	29-08-18	15:32-17:30			1,975.50	29-08-18 15:53	17373.1422	Other	NA	Electronic	1,973.01	1,975.50

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Amazon	30-08-18	13:32-15:30			2,001.45	30-08-18 14:04	17416.58605	Other	NA	Electronic	1,998.95	2,001.45
Amazon	30-08-18	15:32-17:30			2,019.51	30-08-18 15:51	17760.1794	Other	NA	Electronic	2,018.04	2,019.51
Amazon	31-08-18	13:32-15:30			2,018.88	31-08-18 13:41	17754.63899	Other	NA	Electronic	2,016.69	2,018.88
Amazon	04-09-18	13:32-15:30			2,044.51	04-09-18 14:56	17760.1794	Other	NA	Electronic	2,044.51	2,046.49
Amazon	04-09-18	15:32-17:30			2,042.49	04-09-18 15:47	17962.27245	Other	NA	Electronic	2,040.50	2,042.49
Amazon	05-09-18	13:32-15:30			2,011.71	05-09-18 15:02	35383.16771	Other	NA	Electronic	2,009.22	2,011.71
Amazon	06-09-18	13:32-15:30			1,975.71	06-09-18 14:20	17374.98901	Other	NA	Electronic	1,972.50	1,975.71
Amazon	07-09-18	13:32-15:30			1,946.74	07-09-18 13:43	13938.70372	Other	NA	Electronic	1,946.74	1,952.36
Amazon	11-09-18	13:32-15:30			1,927.36	11-09-18 13:40	16949.78454	Other	NA	Electronic	1,927.36	1,930.51
Amazon	12-09-18	13:32-15:30			1,969.72	12-09-18 14:25	17322.31114	Other	NA	Electronic	1,966.75	1,969.72
Amazon	13-09-18	15:32-17:30			1,996.69	13-09-18 16:15	17559.49345	Other	NA	Electronic	1,994.45	1,996.69
Amazon	14-09-18	13:32-15:30			1,981.92	14-09-18 14:04	34859.20324	Other	NA	Electronic	1,979.33	1,981.92
Amazon	17-09-18	13:32-15:30			1,931.74	17-09-18 13:51	17239.64471	Other	NA	Electronic	1,931.74	1,934.85
Amazon	17-09-18	15:32-17:30			1,930.49	17-09-18 16:43	16977.3107	Other	NA	Electronic	1,928.04	1,930.49
Amazon	18-09-18	13:32-15:30			1,940.50	18-09-18 13:46	17065.34166	Other	NA	Electronic	1,936.78	1,940.50

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Amazon	18-09-18	15:32-17:30			1,941.65	18-09-18 16:53	17093.74725	Other	NA	Electronic	1,941.65	1,943.22
Amazon	20-09-18	13:32-15:30			1,940.74	20-09-18 13:41	17067.45229	Other	NA	Electronic	1,936.76	1,940.74
Amazon	21-09-18	13:32-15:30			1,953.35	21-09-18 13:43	34356.69686	Other	NA	Electronic	1,951.46	1,953.35
Amazon	24-09-18	15:32-17:30			1,920.87	24-09-18 16:00	16892.70952	Other	NA	Electronic	1,918.55	1,920.87
Amazon	25-09-18	13:32-15:30			1,953.34	25-09-18 14:06	17065.34166	Other	NA	Electronic	1,953.34	1,956.06
Amazon	26-09-18	15:32-17:30			1,986.80	26-09-18 15:32	17330.84161	Other	NA	Electronic	1,986.80	1,988.90
Amazon	27-09-18	13:32-15:30			1,999.53	27-09-18 13:40	52557.91047	Other	NA	Electronic	1,999.53	2,002.49
Amazon	27-09-18	15:32-17:30			2,009.02	27-09-18 15:48	17667.92718	Other	NA	Electronic	2,006.87	2,009.02
Amazon	28-09-18	13:32-15:30			2,007.92	28-09-18 14:10	35316.5069	Other	NA	Electronic	2,005.35	2,007.92
AMC	17-07-18	15:32-17:30			62.13	17-07-18 17:17	2731.949697	Other	NA	Electronic	61.82	62.13
AMC	18-07-18	13:32-15:30			60.97	18-07-18 13:59	1072.3771	Other	NA	Electronic	60.97	61.44
AMC	19-07-18	13:32-15:30			62.25	19-07-18 15:14	2731.949697	Other	NA	Electronic	62.25	62.41
AMC	23-07-18	13:32-15:30			61.96	23-07-18 13:42	1072.3771	Other	NA	Electronic	61.36	61.96
AMC	10-08-18	13:32-15:30			60.25	10-08-18 14:31	529.8566529	Other	NA	Electronic	60.25	60.5
AMC	20-08-18	13:32-15:30			61.52	20-08-18 14:33	541.0254155	Other	NA	Electronic	61.27	61.52

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AMC	21-08-18	13:32-15:30			63.09	21-08-18 13:40	529.8566529	Other	NA	Electronic	62.6	63.09
AMC	05-09-18	15:32-17:30			63.04	05-09-18 16:44	541.0254155	Other	NA	Electronic	63.04	63.4
AMC	25-09-18	13:32-15:30			65.04	25-09-18 14:03	571.9813561	Other	NA	Electronic	64.5	65.04
American Airlines	03-07-18	13:32-15:30			38.13	03-07-18 14:57	1005.980125	Other	NA	Electronic	38.13	38.21
American Airlines	03-07-18	15:32-17:30			37.74	03-07-18 16:55	1005.980125	Other	NA	Electronic	37.68	37.74
American Airlines	06-07-18	13:32-15:30			38.03	06-07-18 13:46	1003.341834	Other	NA	Electronic	38.03	38.1
American Airlines	06-07-18	15:32-17:30			38.08	06-07-18 15:48	669.7739865	Other	NA	Electronic	38.08	38.15
American Airlines	09-07-18	13:32-15:30			38.66	09-07-18 14:56	1019.963064	Other	NA	Electronic	38.66	38.75
American Airlines	09-07-18	15:32-17:30			38.92	09-07-18 15:47	684.5484126	Other	NA	Electronic	38.92	39
American Airlines	10-07-18	13:32-15:30			38.66	10-07-18 13:48	684.5484126	Other	NA	Electronic	38.59	38.66
American Airlines	11-07-18	13:32-15:30			37.01	11-07-18 14:00	976.4312725	Other	NA	Electronic	36.93	37.01
American Airlines	12-07-18	13:32-15:30			36.24	12-07-18 14:17	318.7054788	Other	NA	Electronic	36.17	36.24
American Airlines	17-07-18	13:32-15:30			37.86	17-07-18 14:28	665.9044939	Other	NA	Electronic	37.86	37.93
American Airlines	17-07-18	15:32-17:30			37.6	17-07-18 16:22	666.0803799	Other	NA	Electronic	37.54	37.6
American Airlines	18-07-18	13:32-15:30			38.47	18-07-18 13:40	1014.950312	Other	NA	Electronic	38.47	38.55

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
American Airlines	18-07-18	15:30-15:32	38.98	342.8018644								
American Airlines	26-07-18	15:32-17:30			39.78	26-07-18 16:48	349.8373054	Other	NA	Electronic	39.71	39.78
American Airlines	27-07-18	13:32-15:30			40.18	27-07-18 15:05	1429.249846	Other	NA	Electronic	40.18	40.24
American Airlines	31-07-18	13:32-15:30			39.56	31-07-18 14:13	347.9025591	Other	NA	Electronic	39.49	39.56
American Airlines	01-08-18	13:32-15:30			38.97	01-08-18 13:49	347.9025591	Other	NA	Electronic	38.97	39.07
American Airlines	02-08-18	13:32-15:30			37.61	02-08-18 14:54	696.3327764	Other	NA	Electronic	37.61	37.68
American Airlines	06-08-18	13:32-15:30			38	06-08-18 14:26	334.1834491	Other	NA	Electronic	37.93	38
American Airlines	20-08-18	15:32-17:30			39.37	20-08-18 16:19	1097.264972	Other	NA	Electronic	39.37	39.45
American Airlines	21-08-18	13:32-15:30			40.37	21-08-18 13:45	1119.426612	Other	NA	Electronic	40.37	40.44
American Airlines	21-08-18	15:32-17:30			40.25	21-08-18 17:11	379.7379298	Other	NA	Electronic	40.25	40.31
American Airlines	22-08-18	13:32-15:30			39.66	22-08-18 13:48	380.1776449	Other	NA	Electronic	39.66	39.73
American Airlines	28-08-18	13:32-15:30			40.03	28-08-18 13:42	760.1794037	Other	NA	Electronic	40.03	40.1
American Airlines	04-09-18	13:32-15:30			40.64	04-09-18 13:55	380.3535309	Other	NA	Electronic	40.64	40.7
American Airlines	11-09-18	13:32-15:30			39.76	11-09-18 14:28	1048.984258	Other	NA	Electronic	39.7	39.76
American Airlines	13-09-18	13:32-15:30			39.56	13-09-18 13:40	347.9025591	Other	NA	Electronic	39.56	39.63



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
American Airlines	14-09-18	15:32-17:30			39.64	14-09-18 16:12	380.3535309	Other	NA	Electronic	39.64	39.71
American Airlines	21-09-18	13:32-15:30			43.28	21-09-18 13:50	1495.382992	Other	NA	Electronic	43.28	43.35
American Airlines	27-09-18	15:32-17:30			41.94	27-09-18 16:37	368.8329962	Other	NA	Electronic	41.88	41.94
American Airlines	28-09-18	15:32-17:30			41.25	28-09-18 15:48	368.8329962	Other	NA	Electronic	41.25	41.32
American-Eagle	25-09-18	15:32-17:30			24.11	25-09-18 15:57	212.0306042	Other	NA	Electronic	24.11	24.18
American Electric	09-07-18	13:32-15:30			70.31	09-07-18 15:29	618.3273239	Other	NA	Electronic	70.31	70.38
American Electric	17-07-18	15:32-17:30			70.44	17-07-18 16:50	618.3273239	Other	NA	Electronic	70.36	70.44
Amer Sports	03-07-18	09:32-11:30			27.275	03-07-18 09:43	797.88	Other	NA	Electronic	27.196	27.275
Amer Sports	14-09-18	11:32-13:30			34.506	14-09-18 12:41	345.06	Other	NA	Electronic	34.506	34.565
Amer Sports	14-09-18	13:32-15:30			34.495	14-09-18 14:14	1035.18	Other	NA	Electronic	34.426	34.495
AMEX	03-07-18	13:32-15:30			98.99	03-07-18 13:55	1741.09577	Other	NA	Electronic	98.87	98.99
AMEX	06-07-18	15:30-15:32	98.93	1741.09577								
AMEX	09-07-18	15:32-17:30			99.51	09-07-18 16:00	1741.09577	Other	NA	Electronic	99.51	99.59
AMEX	10-07-18	13:32-15:30			99.98	10-07-18 14:03	879.2542433	Other	NA	Electronic	99.87	99.98
AMEX	11-07-18	15:32-17:30			100.23	11-07-18 16:14	879.2542433	Other	NA	Electronic	100.23	100.32

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AMEX	12-07-18	13:32-15:30			101.06	12-07-18 14:20	4443.760443	Other	NA	Electronic	100.97	101.06
AMEX	13-07-18	13:32-15:30			100.35	13-07-18 15:09	882.5081347	Other	NA	Electronic	100.26	100.35
AMEX	19-07-18	13:32-15:30			100.13	19-07-18 13:40	902.7350277	Other	NA	Electronic	100.13	100.27
AMEX	01-08-18	13:32-15:30			100.79	01-08-18 13:40	1772.755255	Other	NA	Electronic	100.64	100.79
AMEX	02-08-18	13:32-15:30			99.09	02-08-18 13:40	1742.85463	Other	NA	Electronic	98.99	99.09
AMEX	15-08-18	13:32-15:30			101.53	15-08-18 15:25	1743.206402	Other	NA	Electronic	101.53	101.63
AMEX	15-08-18	15:32-17:30			101.19	15-08-18 15:59	889.8953478	Other	NA	Electronic	101.1	101.19
AMEX	10-09-18	13:32-15:30			107.46	10-09-18 13:49	1742.85463	Other	NA	Electronic	107.46	107.61
AMEX	12-09-18	13:32-15:30			108.5	12-09-18 13:40	1772.755255	Other	NA	Electronic	108.5	108.6
AMEX	27-09-18	13:32-15:30			107.63	27-09-18 13:40	2839.591944	Other	NA	Electronic	107.48	107.63
Amgen	25-09-18	13:32-15:30			208.45	25-09-18 13:52	1739.161024	Other	NA	Electronic	208.17	208.45
Anadarko	02-07-18	15:32-17:30			71.92	02-07-18 16:11	1897.458447	Other	NA	Electronic	71.84	71.92
Anadarko	03-07-18	13:32-15:30			73.98	03-07-18 13:41	1897.458447	Other	NA	Electronic	73.98	74.11
Anadarko	25-07-18	15:32-17:30			73.38	25-07-18 16:48	645.3258289	Other	NA	Electronic	73.29	73.38
Anadarko	01-08-18	13:32-15:30			69.8	01-08-18 13:40	645.3258289	Other	NA	Electronic	69.8	70.02

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Anadarko	07-09-18	13:32-15:30			63.3	07-09-18 14:47	556.6792718	Other	NA	Electronic	63.19	63.3
Anadarko	17-09-18	13:32-15:30			63.71	17-09-18 13:51	556.6792718	Other	NA	Electronic	63.71	63.81
Analog Devices	09-07-18	13:32-15:30			96.85	09-07-18 13:55	1703.45616	Other	NA	Electronic	96.85	97.02
Analog Devices	10-07-18	15:32-17:30			97.8	10-07-18 15:50	860.0826664	Other	NA	Electronic	97.7	97.8
Analog Devices	11-07-18	15:32-17:30			96.05	11-07-18 15:34	1689.385278	Other	NA	Electronic	96.05	96.16
Anglo American	04-07-18	09:30-09:32	17.01	377.5678945								
Anglo American	05-07-18	09:32-11:30			17.21	05-07-18 10:13	190.6706769	Other	NA	Electronic	17.21	17.26
Anglo American	05-07-18	11:32-13:30			17.42	05-07-18 11:39	382.0072584	Other	NA	Electronic	17.37	17.42
Anglo American	05-07-18	13:32-15:30			17.25	05-07-18 15:19	963.8968736	Other	NA	Electronic	17.21	17.25
Anglo American	09-07-18	09:32-11:30			17.22	09-07-18 09:54	962.2321121	Other	NA	Electronic	17.18	17.22
Anglo American	13-07-18	13:32-15:30			16.55	13-07-18 15:17	365.5816122	Other	NA	Electronic	16.55	16.59
Anglo American	16-07-18	11:32-13:30			16.35	16-07-18 11:37	907.2949846	Other	NA	Electronic	16.3	16.35
Anglo American	17-07-18	09:32-11:30			16.5	17-07-18 10:14	907.2949846	Other	NA	Electronic	16.5	16.55
Anglo American	17-07-18	11:32-13:30			16.52	17-07-18 13:12	916.7286328	Other	NA	Electronic	16.47	16.52
Anglo American	17-07-18	13:32-15:30			16.58	17-07-18 14:07	916.7286328	Other	NA	Electronic	16.58	16.62

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Anglo American	19-07-18	09:32-11:30			16.63	19-07-18 11:05	369.1331032	Other	NA	Electronic	16.58	16.63
Anglo American	19-07-18	11:32-13:30			16.42	19-07-18 12:39	546.7076568	Other	NA	Electronic	16.37	16.42
Anglo American	19-07-18	13:32-15:30			16.33	19-07-18 14:01	181.2370287	Other	NA	Electronic	16.28	16.33
Anglo American	24-07-18	09:32-11:30			16.71	24-07-18 10:31	549.7042274	Other	NA	Electronic	16.67	16.71
Anglo American	20-08-18	09:32-11:30			15.75	20-08-18 09:53	350.7097433	Other	NA	Electronic	15.7	15.75
Anglo American	10-09-18	13:32-15:30			14.63	10-09-18 15:10	698.3119319	Other	NA	Electronic	14.63	14.67
Anglo American	19-09-18	11:32-13:30			16.41	19-09-18 13:09	675.2272399	Other	NA	Electronic	16.36	16.41
Antofagasta	08-08-18	09:32-11:30			9.732	08-08-18 10:33	108.0097222	Other	NA	Electronic	9.711	9.732
Apache	24-08-18	13:32-15:30			43.61	24-08-18 14:43	381.3209041	Other	NA	Electronic	43.61	43.69
Apache	07-09-18	15:32-17:30			42.33	07-09-18 17:20	1861.313869	Other	NA	Electronic	42.33	42.4
Apache	10-09-18	13:32-15:30			43.31	10-09-18 13:41	1861.313869	Other	NA	Electronic	43.19	43.31
Apache	13-09-18	13:32-15:30			44.4	13-09-18 13:40	398.3818486	Other	NA	Electronic	44.4	44.53
Apache	20-09-18	13:32-15:30			46	20-09-18 15:09	803.7991382	Other	NA	Electronic	46	46.1
Apache	26-09-18	13:32-15:30			47.82	26-09-18 14:10	420.1917158	Other	NA	Electronic	47.82	47.92
Apple	02-07-18	13:32-15:30			185.79	02-07-18 13:53	1633.893237	Other	NA	Electronic	185.79	185.96

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Apple	03-07-18	13:32-15:30			186.57	03-07-18 13:41	1637.235072	Other	NA	Electronic	186.57	186.75
Apple	03-07-18	15:32-17:30			185.51	03-07-18 16:20	1631.430833	Other	NA	Electronic	185.51	185.67
Apple	05-07-18	13:32-15:30			186.43	05-07-18 13:40	1639.52159	Other	NA	Electronic	186.27	186.43
Apple	05-07-18	15:32-17:30			185.53	05-07-18 15:42	1633.893237	Other	NA	Electronic	185.37	185.53
Apple	06-07-18	15:32-17:30			187.52	06-07-18 15:39	1639.52159	Other	NA	Electronic	187.52	187.69
Apple	09-07-18	13:32-15:30			190.27	09-07-18 13:40	1634.948553	Other	NA	Electronic	190.09	190.27
Apple	09-07-18	15:32-17:30			190.49	09-07-18 16:08	1675.226453	Other	NA	Electronic	190.33	190.49
Apple	10-07-18	13:32-15:30			190.6	10-07-18 13:40	1676.193826	Other	NA	Electronic	190.43	190.6
Apple	10-07-18	15:32-17:30			191.21	10-07-18 15:53	1681.55835	Other	NA	Electronic	191.05	191.21
Apple	11-07-18	13:32-15:30			188.58	11-07-18 14:14	1658.429338	Other	NA	Electronic	188.58	188.76
Apple	11-07-18	15:32-17:30			187.96	11-07-18 15:44	1651.657726	Other	NA	Electronic	187.96	188.13
Apple	12-07-18	13:32-15:30			189.6	12-07-18 13:45	5002.198575	Other	NA	Electronic	189.6	189.77
Apple	12-07-18	15:32-17:30			191.08	12-07-18 16:00	1671.444904	Other	NA	Electronic	190.91	191.08
Apple	13-07-18	13:32-15:30			191.54	13-07-18 13:42	1675.226453	Other	NA	Electronic	191.54	191.73
Apple	13-07-18	15:32-17:30			191.66	13-07-18 15:42	1685.515786	Other	NA	Electronic	191.5	191.66

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Apple	16-07-18	13:32-15:30			191.92	16-07-18 14:14	1687.802304	Other	NA	Electronic	191.75	191.92
Apple	16-07-18	15:32-17:30			190.71	16-07-18 17:09	1676.985314	Other	NA	Electronic	190.71	190.88
Apple	17-07-18	13:32-15:30			189.36	17-07-18 13:40	1665.288893	Other	NA	Electronic	189.36	189.54
Apple	17-07-18	15:32-17:30			190.66	17-07-18 15:59	1676.721484	Other	NA	Electronic	190.66	190.83
Apple	18-07-18	13:32-15:30			190.69	18-07-18 13:40	1676.985314	Other	NA	Electronic	190.51	190.69
Apple	19-07-18	13:32-15:30			191.28	19-07-18 14:31	3364.347903	Other	NA	Electronic	191.1	191.28
Apple	19-07-18	15:32-17:30			192.38	19-07-18 15:44	8459.238414	Other	NA	Electronic	192.38	192.55
Apple	20-07-18	15:32-17:30			192.24	20-07-18 15:39	1690.616481	Other	NA	Electronic	192.08	192.24
Apple	23-07-18	13:32-15:30			189.79	23-07-18 13:40	16666.95981	Other	NA	Electronic	189.79	189.97
Apple	24-07-18	13:32-15:30			193.47	24-07-18 13:41	1683.668982	Other	NA	Electronic	193.47	193.64
Apple	24-07-18	15:32-17:30			192.54	24-07-18 15:59	1693.254771	Other	NA	Electronic	192.37	192.54
Apple	25-07-18	13:32-15:30			192.96	25-07-18 13:48	1693.254771	Other	NA	Electronic	192.96	193.13
Apple	25-07-18	15:32-17:30			193.46	25-07-18 16:03	1697.651922	Other	NA	Electronic	193.46	193.62
Apple	26-07-18	13:32-15:30			195.11	26-07-18 13:54	1590.449389	Other	NA	Electronic	194.95	195.11
Apple	26-07-18	15:32-17:30			194.53	26-07-18 17:12	1710.75543	Other	NA	Electronic	194.37	194.53

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Apple	27-07-18	13:32-15:30			193.75	27-07-18 14:45	1697.739865	Other	NA	Electronic	193.75	193.92
Apple	27-07-18	15:32-17:30			192.84	27-07-18 16:03	1695.893061	Other	NA	Electronic	192.84	193.01
Apple	30-07-18	13:32-15:30			190.83	30-07-18 13:41	1684.284584	Other	NA	Electronic	190.65	190.83
Apple	31-07-18	13:32-15:30			190.81	31-07-18 13:40	1678.04063	Other	NA	Electronic	190.61	190.81
Apple	31-07-18	15:30-15:32	190.19	6682.261894								
Apple	01-08-18	13:32-15:30			198.71	01-08-18 13:40	35286.87011	Other	NA	Electronic	198.5	198.71
Apple	01-08-18	15:32-17:30			199.4	01-08-18 15:38	1698.531352	Other	NA	Electronic	199.4	199.57
Apple	02-08-18	13:32-15:30			201.44	02-08-18 13:40	1771.524052	Other	NA	Electronic	201.25	201.44
Apple	02-08-18	15:32-17:30			206.86	02-08-18 16:20	1819.189165	Other	NA	Electronic	206.86	207.02
Apple	03-08-18	13:32-15:30			206.09	03-08-18 13:40	1817.957963	Other	NA	Electronic	205.93	206.09
Apple	03-08-18	15:32-17:30			207.02	03-08-18 15:59	1816.11116	Other	NA	Electronic	207.02	207.18
Apple	06-08-18	13:32-15:30			207.98	06-08-18 14:13	1829.038783	Other	NA	Electronic	207.82	207.98
Apple	06-08-18	15:32-17:30			208.03	06-08-18 15:34	3658.956996	Other	NA	Electronic	207.86	208.03
Apple	07-08-18	13:32-15:30			208.11	07-08-18 14:02	1830.182042	Other	NA	Electronic	207.94	208.11
Apple	07-08-18	15:32-17:30			207.06	07-08-18 16:10	5462.844077	Other	NA	Electronic	206.9	207.06

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Apple	08-08-18	13:32-15:30			205.37	08-08-18 13:44	1833.699763	Other	NA	Electronic	205.37	205.54
Apple	08-08-18	15:32-17:30			207.46	08-08-18 15:40	1824.465746	Other	NA	Electronic	207.29	207.46
Apple	09-08-18	13:32-15:30			209.19	09-08-18 14:33	1822.443057	Other	NA	Electronic	209.19	209.36
Apple	10-08-18	13:32-15:30			208.15	10-08-18 13:41	1825.433119	Other	NA	Electronic	208.15	208.33
Apple	13-08-18	15:32-17:30			209.91	13-08-18 15:35	1846.011784	Other	NA	Electronic	209.74	209.91
Apple	14-08-18	13:32-15:30			208.87	14-08-18 13:51	1836.865711	Other	NA	Electronic	208.87	209.04
Apple	14-08-18	15:32-17:30			209.53	14-08-18 16:36	1842.66995	Other	NA	Electronic	209.53	209.7
Apple	15-08-18	13:32-15:30			208.46	15-08-18 15:00	1846.011784	Other	NA	Electronic	208.46	208.63
Apple	15-08-18	15:32-17:30			209.4	15-08-18 17:05	1842.66995	Other	NA	Electronic	209.24	209.4
Apple	16-08-18	13:32-15:30			211.87	16-08-18 13:40	1863.248615	Other	NA	Electronic	211.71	211.87
Apple	16-08-18	15:32-17:30			213.27	16-08-18 15:54	1876.352124	Other	NA	Electronic	213.11	213.27
Apple	17-08-18	13:32-15:30			214.71	17-08-18 13:45	1888.224431	Other	NA	Electronic	214.71	214.89
Apple	17-08-18	15:32-17:30			217.24	17-08-18 15:56	1910.474013	Other	NA	Electronic	217.06	217.24
Apple	21-08-18	13:32-15:30			216.02	21-08-18 13:45	1896.403131	Other	NA	Electronic	216.02	216.19
Apple	23-08-18	13:32-15:30			216.2	23-08-18 13:45	1888.224431	Other	NA	Electronic	216.03	216.2



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Apple	27-08-18	13:32-15:30			216.79	27-08-18 13:42	1903.96623	Other	NA	Electronic	216.79	216.96
Apple	28-08-18	13:32-15:30			219.51	28-08-18 13:58	1930.437077	Other	NA	Electronic	219.34	219.51
Apple	28-08-18	15:32-17:30			219.88	28-08-18 17:15	1930.437077	Other	NA	Electronic	219.88	220.05
Apple	29-08-18	13:32-15:30			220.74	29-08-18 13:53	1935.977487	Other	NA	Electronic	220.74	220.91
Apple	29-08-18	15:32-17:30			221.9	29-08-18 15:45	1951.455457	Other	NA	Electronic	221.9	222.06
Apple	30-08-18	13:32-15:30			223.53	30-08-18 14:56	1965.790168	Other	NA	Electronic	223.53	223.7
Apple	30-08-18	15:32-17:30			226.52	30-08-18 16:54	1974.672412	Other	NA	Electronic	226.52	226.7
Apple	31-08-18	13:32-15:30			228.15	31-08-18 13:52	1992.348958	Other	NA	Electronic	228.15	228.34
Apple	31-08-18	15:32-17:30			228.03	31-08-18 16:55	2003.253891	Other	NA	Electronic	228.03	228.21
Apple	04-09-18	13:32-15:30			227.5	04-09-18 13:47	4001.407088	Other	NA	Electronic	227.5	227.69
Apple	04-09-18	15:32-17:30			227.4	04-09-18 16:15	3999.824114	Other	NA	Electronic	227.23	227.4
Apple	05-09-18	13:32-15:30			228.6	05-09-18 13:47	2007.475156	Other	NA	Electronic	228.6	228.77
Apple	05-09-18	15:32-17:30			227.31	05-09-18 15:47	1991.381585	Other	NA	Electronic	227.14	227.31
Apple	06-09-18	13:32-15:30			225.36	06-09-18 13:43	1981.883739	Other	NA	Electronic	225.17	225.36
Apple	06-09-18	15:32-17:30			223.18	06-09-18 15:49	3925.424325	Other	NA	Electronic	223.18	223.36

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Apple	10-09-18	13:32-15:30			218.63	10-09-18 13:49	3845.396183	Other	NA	Electronic	218.63	218.81
Apple	10-09-18	15:32-17:30			219.03	10-09-18 15:44	1915.486765	Other	NA	Electronic	219.03	219.21
Apple	11-09-18	13:32-15:30			219.55	11-09-18 14:11	3861.577698	Other	NA	Electronic	219.37	219.55
Apple	11-09-18	15:32-17:30			221.33	11-09-18 15:37	1936.153373	Other	NA	Electronic	221.33	221.51
Apple	12-09-18	13:32-15:30			222.22	12-09-18 13:40	1954.269633	Other	NA	Electronic	221.93	222.22
Apple	12-09-18	15:32-17:30			222.98	12-09-18 15:34	1960.953302	Other	NA	Electronic	222.81	222.98
Apple	13-09-18	13:32-15:30			224.84	13-09-18 13:40	1940.374637	Other	NA	Electronic	224.86	225.04
Apple	13-09-18	15:32-17:30			227.37	13-09-18 15:58	1993.316331	Other	NA	Electronic	227.37	227.55
Apple	14-09-18	13:32-15:30			224.28	14-09-18 13:40	1960.073872	Other	NA	Electronic	224.28	224.46
Apple	14-09-18	15:32-17:30			223.33	14-09-18 16:59	1997.185824	Other	NA	Electronic	223.33	223.51
Apple	17-09-18	13:32-15:30			220.43	17-09-18 13:52	9690.88031	Other	NA	Electronic	220.43	220.63
Apple	18-09-18	13:32-15:30			219.86	18-09-18 13:40	1933.515082	Other	NA	Electronic	219.69	219.86
Apple	18-09-18	15:32-17:30			219.23	18-09-18 16:47	1938.791663	Other	NA	Electronic	219.23	219.4
Apple	19-09-18	13:32-15:30			217.12	19-09-18 13:42	1909.418697	Other	NA	Electronic	216.93	217.12
Apple	19-09-18	15:30-15:32	217.46667	15465.21854								

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Apple	20-09-18	13:32-15:30			221.47	20-09-18 13:45	1947.673907	Other	NA	Electronic	221.27	221.47
Apple	20-09-18	15:32-17:30			220.81	20-09-18 16:35	1941.869668	Other	NA	Electronic	220.64	220.81
Apple	21-09-18	13:32-15:30			218.39	21-09-18 14:30	1920.587459	Other	NA	Electronic	218.39	218.57
Apple	24-09-18	13:32-15:30			218.83	24-09-18 13:47	1924.456952	Other	NA	Electronic	218.64	218.83
Apple	24-09-18	15:30-15:32	219.57	9654.823674								
Apple	25-09-18	13:32-15:30			221.33	25-09-18 14:40	1946.442705	Other	NA	Electronic	221.15	221.33
Apple	26-09-18	13:32-15:30			223.18	26-09-18 13:56	1962.712163	Other	NA	Electronic	223	223.18
Apple	26-09-18	15:32-17:30			223.14	26-09-18 15:33	1962.36039	Other	NA	Electronic	222.95	223.14
Apple	27-09-18	13:32-15:30			225.13	27-09-18 14:23	1970.187319	Other	NA	Electronic	225.13	225.31
Apple	27-09-18	15:32-17:30			225.59	27-09-18 16:54	1940.550523	Other	NA	Electronic	225.59	225.76
Apple	28-09-18	13:32-15:30			224.21	28-09-18 13:48	3939.846979	Other	NA	Electronic	224.21	224.42
Apple	28-09-18	15:32-17:30			224.82	28-09-18 17:02	4023.568727	Other	NA	Electronic	224.82	224.99
Applied Materials	02-07-18	13:32-15:30			45.34	02-07-18 14:02	886.8173424	Other	NA	Electronic	45.34	45.4
Applied Materials	09-07-18	13:32-15:30			45.64	09-07-18 14:19	802.743822	Other	NA	Electronic	45.64	45.7
Applied Materials	09-07-18	15:32-17:30			45.65	09-07-18 15:33	401.459854	Other	NA	Electronic	45.59	45.65

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Applied Materials	10-07-18	13:32-15:30			46.48	10-07-18 14:26	1635.036496	Other	NA	Electronic	46.48	46.54
Applied Materials	10-07-18	15:32-17:30			46.92	10-07-18 16:59	2849.001847	Other	NA	Electronic	46.86	46.92
Applied Materials	13-07-18	13:32-15:30			45.87	13-07-18 14:45	1210.183801	Other	NA	Electronic	45.81	45.87
Applied Materials	17-07-18	15:32-17:30			47.02	17-07-18 16:50	401.459854	Other	NA	Electronic	47.02	47.08
Applied Materials	18-07-18	13:32-15:30			47.92	18-07-18 14:22	410.9576994	Other	NA	Electronic	47.92	47.98
Applied Materials	18-07-18	15:32-17:30			48.2	18-07-18 15:49	833.1721045	Other	NA	Electronic	48.2	48.27
Applied Materials	20-07-18	13:32-15:30			46.78	20-07-18 14:24	406.5605488	Other	NA	Electronic	46.78	46.84
Applied Materials	20-07-18	15:32-17:30			46.85	20-07-18 16:53	410.5179843	Other	NA	Electronic	46.85	46.91
Applied Materials	25-07-18	13:32-15:30			45.36	25-07-18 14:36	398.9095066	Other	NA	Electronic	45.3	45.36
Applied Materials	26-07-18	13:32-15:30			46.39	26-07-18 13:47	398.9095066	Other	NA	Electronic	46.39	46.46
Applied Materials	30-07-18	13:32-15:30			48.13	30-07-18 13:40	846.5394424	Other	NA	Electronic	48.13	48.2
Applied Materials	31-07-18	13:32-15:30			48.51	31-07-18 13:56	847.5947586	Other	NA	Electronic	48.51	48.58
Applied Materials	01-08-18	13:32-15:30			48.37	01-08-18 13:40	850.7607071	Other	NA	Electronic	48.37	48.43
Applied Materials	02-08-18	13:32-15:30			47.79	02-08-18 13:41	425.2044675	Other	NA	Electronic	47.71	47.79
Applied Materials	07-08-18	13:32-15:30			49.74	07-08-18 13:40	874.8570926	Other	NA	Electronic	49.74	49.81

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Applied Materials	08-08-18	13:32-15:30			49.59	08-08-18 13:40	872.2188022	Other	NA	Electronic	49.59	49.66
Applied Materials	08-08-18	15:32-17:30			50.09	08-08-18 16:32	850.7607071	Other	NA	Electronic	50.03	50.09
Applied Materials	10-08-18	13:32-15:30			48.38	10-08-18 13:40	874.8570926	Other	NA	Electronic	48.29	48.38
Applied Materials	17-08-18	13:32-15:30			42.83	17-08-18 13:40	406.0328907	Other	NA	Electronic	42.83	42.92
Applied Materials	17-08-18	15:32-17:30			44.29	17-08-18 15:54	762.4659221	Other	NA	Electronic	44.29	44.36
Applied Materials	27-08-18	13:32-15:30			43.89	27-08-18 15:07	377.6272975	Other	NA	Electronic	43.89	43.95
Applied Materials	05-09-18	15:32-17:30			42.13	05-09-18 15:33	370.5039135	Other	NA	Electronic	42.07	42.13
Applied Materials	12-09-18	13:32-15:30			37.57	12-09-18 13:49	991.2056987	Other	NA	Electronic	37.51	37.57
Applied Materials	12-09-18	15:32-17:30			38.21	12-09-18 15:43	991.2056987	Other	NA	Electronic	38.21	38.27
Applied Materials	13-09-18	13:32-15:30			38.83	13-09-18 13:52	682.9654384	Other	NA	Electronic	38.83	38.89
Applied Materials	14-09-18	15:32-17:30			38.95	14-09-18 17:11	342.2742063	Other	NA	Electronic	38.95	39.01
Applied Materials	27-09-18	15:32-17:30			38.49	27-09-18 17:27	338.4926568	Other	NA	Electronic	38.43	38.49
ArcelorMittal	06-07-18	13:32-15:30			25.087	06-07-18 13:44	250.87	Other	NA	Electronic	25.018	25.087
ArcelorMittal	09-07-18	09:32-11:30			25.413	09-07-18 10:36	250.87	Other	NA	Electronic	25.413	25.477
ArcelorMittal	18-07-18	13:32-15:30			26.343	18-07-18 14:48	256.42	Other	NA	Electronic	26.343	26.407

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ArcelorMittal	24-07-18	13:32-15:30			26.877	24-07-18 13:36	268.77	Other	NA	Electronic	26.808	26.877
ArcelorMittal	25-07-18	13:32-15:30			26.197	25-07-18 14:05	261.97	Other	NA	Electronic	26.133	26.197
ArcelorMittal	26-07-18	09:32-11:30			26.523	26-07-18 09:33	261.97	Other	NA	Electronic	26.523	26.587
ArcelorMittal	19-09-18	13:32-15:30			27.082	19-09-18 14:34	270.82	Other	NA	Electronic	27.013	27.082
Archer Daniels	05-07-18	15:32-17:30			45.74	05-07-18 15:33	404.4499165	Other	NA	Electronic	45.68	45.74
Archer Daniels	14-08-18	13:32-15:30			49.6	14-08-18 14:20	436.1973441	Other	NA	Electronic	49.54	49.6
Archer Daniels	15-08-18	13:32-15:30			49.07	15-08-18 13:47	436.1973441	Other	NA	Electronic	49.07	49.15
Ashtead	09-07-18	11:32-13:30			23.08	09-07-18 13:04	256.1512935	Other	NA	Electronic	23.04	23.08
Assa Abloy	03-09-18	11:32-13:30			186.28	03-09-18 11:45	174.3268192	Other	NA	Electronic	186.28	186.68
Assicurazioni Generali	19-07-18	09:32-11:30			14.751	19-07-18 09:32	737.55	Other	NA	Electronic	14.71	14.751
Assicurazioni Generali	25-07-18	13:32-15:30			14.801	25-07-18 14:08	148.01	Other	NA	Electronic	14.76	14.801
Assicurazioni Generali	30-07-18	11:32-13:30			14.9	30-07-18 12:40	1489.1	Other	NA	Electronic	14.9	14.941
Assicurazioni Generali	08-08-18	13:32-15:30			15.041	08-08-18 14:56	451.23	Other	NA	Electronic	15	15.041
Assicurazioni Generali	05-09-18	09:32-11:30			14.851	05-09-18 10:26	297.02	Other	NA	Electronic	14.81	14.851
Assicurazioni Generali	05-09-18	11:32-13:30			14.935	05-09-18 12:48	297.02	Other	NA	Electronic	14.935	14.971

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Assicurazioni Generali	10-09-18	09:32-11:30			15.19	10-09-18 11:00	301.12	Other	NA	Electronic	15.19	15.226
Assicurazioni Generali	10-09-18	11:32-13:30			15.21	10-09-18 11:37	451.23	Other	NA	Electronic	15.21	15.246
Assicurazioni Generali	11-09-18	13:32-15:30			14.991	11-09-18 13:57	149.91	Other	NA	Electronic	14.95	14.991
Assicurazioni Generali	12-09-18	09:32-11:30			15.006	12-09-18 10:09	150.06	Other	NA	Electronic	14.965	15.006
Assicurazioni Generali	14-09-18	11:32-13:30			15.025	14-09-18 12:13	301.42	Other	NA	Electronic	15.025	15.066
Assicurazioni Generali	17-09-18	13:32-15:30			15.185	17-09-18 14:23	453.03	Other	NA	Electronic	15.185	15.221
Assicurazioni Generali	21-09-18	11:32-13:30			15.315	21-09-18 12:01	458.13	Other	NA	Electronic	15.315	15.351
Assicurazioni Generali	25-09-18	11:32-13:30			15.45	25-09-18 12:03	149.91	Other	NA	Electronic	15.45	15.491
AstraZeneca	26-07-18	13:32-15:30			670.77	26-07-18 14:16	650.0622665	Other	NA	Electronic	669.24	670.77
Atlantia	02-07-18	09:32-11:30			25.086	02-07-18 10:34	1254.3	Other	NA	Electronic	25.025	25.086
Atlantia	02-07-18	13:32-15:30			25.125	02-07-18 15:08	1254.3	Other	NA	Electronic	25.125	25.186
Atlantia	16-08-18	09:30-09:32	17.63	881.5								
Atlantia	16-08-18	11:32-13:30			18.9	16-08-18 11:37	189	Other	NA	Electronic	18.9	18.966
Atlantia	16-08-18	13:30-13:32	18.29	548.7								
Atlantia	17-08-18	09:32-11:30			19.121	17-08-18 09:38	192.05	Other	NA	Electronic	19.06	19.121

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Atlantia	17-08-18	11:32-13:30			18.806	17-08-18 11:45	564.3	Other	NA	Electronic	18.735	18.806
Atlantia	17-08-18	13:32-15:30			19.316	17-08-18 13:41	193.16	Other	NA	Electronic	19.26	19.316
Atlantia	20-08-18	09:32-11:30			17.581	20-08-18 10:44	2115	Other	NA	Electronic	17.52	17.581
Atlantia	20-08-18	13:32-15:30			18.126	20-08-18 13:56	181.26	Other	NA	Electronic	18.065	18.126
Atlantia	21-08-18	11:32-13:30			18.891	21-08-18 13:17	189.05	Other	NA	Electronic	18.83	18.891
Atlantia	21-08-18	13:32-15:30			18.835	21-08-18 14:38	181.26	Other	NA	Electronic	18.835	18.906
Atlantia	24-08-18	11:32-13:30			18.68	24-08-18 12:24	186.8	Other	NA	Electronic	18.68	18.741
Atlantia	28-08-18	11:32-13:30			18.186	28-08-18 11:57	1641.6	Other	NA	Electronic	18.125	18.186
Atlantia	28-08-18	13:32-15:30			18.231	28-08-18 15:07	186.8	Other	NA	Electronic	18.17	18.231
Atlantia	29-08-18	09:32-11:30			17.955	29-08-18 10:06	179.55	Other	NA	Electronic	17.955	18.016
Atlantia	31-08-18	11:32-13:30			17.916	31-08-18 13:21	1080	Other	NA	Electronic	17.855	17.916
Atlantia	03-09-18	11:32-13:30			17.851	03-09-18 12:29	179.55	Other	NA	Electronic	17.79	17.851
Atlantia	05-09-18	09:32-11:30			17.48	05-09-18 10:51	174.8	Other	NA	Electronic	17.48	17.541
Atlantia	06-09-18	09:32-11:30			18.121	06-09-18 11:26	174.8	Other	NA	Electronic	17.795	18.121
Atlantia	06-09-18	11:32-13:30			17.81	06-09-18 12:07	178.1	Other	NA	Electronic	17.81	17.876



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Atlantia	10-09-18	11:32-13:30			17.651	10-09-18 12:17	178.1	Other	NA	Electronic	17.585	17.651
Atlantia	11-09-18	09:32-11:30			17.431	11-09-18 09:39	174.8	Other	NA	Electronic	17.37	17.431
Atlantia	25-09-18	11:32-13:30			18.441	25-09-18 12:53	1844.1	Other	NA	Electronic	18.37	18.441
Atlantia	26-09-18	09:32-11:30			18.44	26-09-18 10:02	1844.1	Other	NA	Electronic	18.44	18.501
Atlantia	27-09-18	09:32-11:30			17.941	27-09-18 09:56	179.4	Other	NA	Electronic	17.885	17.941
Atlantia	28-09-18	09:32-11:30			17.616	28-09-18 10:42	1772	Other	NA	Electronic	17.555	17.616
AT&T	03-07-18	15:32-17:30			32.61	03-07-18 15:45	285.638906	Other	NA	Electronic	32.61	32.67
AT&T	06-07-18	13:32-15:30			32.62	06-07-18 14:43	286.8701082	Other	NA	Electronic	32.56	32.62
AT&T	06-07-18	15:32-17:30			32.62	06-07-18 15:41	281.7694134	Other	NA	Electronic	32.62	32.68
AT&T	09-07-18	13:32-15:30			32.3	09-07-18 14:59	852.1677953	Other	NA	Electronic	32.24	32.3
AT&T	09-07-18	15:32-17:30			32.32	09-07-18 15:39	284.2318178	Other	NA	Electronic	32.26	32.32
AT&T	10-07-18	13:32-15:30			32.24	10-07-18 13:58	1417.641368	Other	NA	Electronic	32.18	32.24
AT&T	12-07-18	13:32-15:30			32.06	12-07-18 14:03	281.9452994	Other	NA	Electronic	32	32.06
AT&T	13-07-18	13:32-15:30			31.58	13-07-18 13:43	283.3523877	Other	NA	Electronic	31.58	31.64
AT&T	13-07-18	15:32-17:30			31.53	13-07-18 16:25	554.5686395	Other	NA	Electronic	31.53	31.59

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AT&T	16-07-18	13:32-15:30			31.73	16-07-18 13:40	279.04318	Other	NA	Electronic	31.67	31.73
AT&T	16-07-18	15:32-17:30			31.91	16-07-18 16:15	280.6261543	Other	NA	Electronic	31.85	31.91
AT&T	17-07-18	13:32-15:30			31.83	17-07-18 15:12	279.9226101	Other	NA	Electronic	31.83	31.89
AT&T	17-07-18	15:32-17:30			31.93	17-07-18 15:34	280.8020403	Other	NA	Electronic	31.87	31.93
AT&T	18-07-18	13:32-15:30			31.76	18-07-18 14:42	279.04318	Other	NA	Electronic	31.76	31.82
AT&T	18-07-18	15:32-17:30			31.89	18-07-18 16:16	554.5686395	Other	NA	Electronic	31.83	31.89
AT&T	19-07-18	13:32-15:30			31.64	19-07-18 13:40	277.9878639	Other	NA	Electronic	31.64	31.7
AT&T	23-07-18	13:32-15:30			31.16	23-07-18 13:40	274.0304283	Other	NA	Electronic	31.1	31.16
AT&T	23-07-18	15:32-17:30			31.02	23-07-18 16:25	272.7992261	Other	NA	Electronic	30.96	31.02
AT&T	24-07-18	13:32-15:30			31.1	24-07-18 13:54	273.5027702	Other	NA	Electronic	31.04	31.1
AT&T	24-07-18	15:32-17:30			31.37	24-07-18 15:32	275.8772316	Other	NA	Electronic	31.31	31.37
AT&T	25-07-18	13:32-15:30			30.67	25-07-18 13:40	274.9098584	Other	NA	Electronic	30.6	30.67
AT&T	26-07-18	13:32-15:30			30.49	26-07-18 15:07	268.0503034	Other	NA	Electronic	30.49	30.55
AT&T	26-07-18	15:32-17:30			30.4	26-07-18 17:26	1597.748659	Other	NA	Electronic	30.4	30.46
AT&T	27-07-18	15:32-17:30			31.08	27-07-18 15:37	272.7992261	Other	NA	Electronic	31.08	31.14

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AT&T	30-07-18	13:32-15:30			31.84	30-07-18 14:20	546.8296544	Other	NA	Electronic	31.84	31.9
AT&T	30-07-18	15:32-17:30			31.96	30-07-18 15:43	1095.769941	Other	NA	Electronic	31.96	32.02
AT&T	31-07-18	13:32-15:30			32.28	31-07-18 13:40	274.0304283	Other	NA	Electronic	32.28	32.34
AT&T	31-07-18	15:32-17:30			32.22	31-07-18 15:38	575.1473045	Other	NA	Electronic	32.22	32.28
AT&T	01-08-18	13:32-15:30			32	01-08-18 13:40	639.52159	Other	NA	Electronic	32	32.06
AT&T	03-08-18	13:32-15:30			32.21	03-08-18 15:21	283.2644446	Other	NA	Electronic	32.15	32.21
AT&T	03-08-18	15:32-17:30			32.17	03-08-18 16:42	282.1211855	Other	NA	Electronic	32.17	32.23
AT&T	08-08-18	15:32-17:30			32.4	08-08-18 16:31	277.8999209	Other	NA	Electronic	32.4	32.46
AT&T	10-08-18	15:32-17:30			32.27	10-08-18 15:39	286.9580512	Other	NA	Electronic	32.27	32.33
AT&T	15-08-18	13:32-15:30			32.41	15-08-18 15:05	570.0466098	Other	NA	Electronic	32.35	32.41
AT&T	15-08-18	15:32-17:30			32.47	15-08-18 15:58	570.0466098	Other	NA	Electronic	32.47	32.53
AT&T	17-08-18	13:32-15:30			33.08	17-08-18 14:07	1450.619998	Other	NA	Electronic	33.08	33.14
AT&T	24-08-18	15:32-17:30			32.72	24-08-18 16:25	575.4990766	Other	NA	Electronic	32.66	32.72
AT&T	27-08-18	13:32-15:30			32.88	27-08-18 13:44	575.4990766	Other	NA	Electronic	32.88	32.94
AT&T	30-08-18	13:32-15:30			32.17	30-08-18 14:08	282.9126726	Other	NA	Electronic	32.17	32.23

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AT&T	04-09-18	13:32-15:30			31.92	04-09-18 14:12	280.7140973	Other	NA	Electronic	31.86	31.92
AT&T	04-09-18	15:32-17:30			31.75	04-09-18 16:25	279.219066	Other	NA	Electronic	31.69	31.75
AT&T	05-09-18	13:32-15:30			32.01	05-09-18 14:17	848.4741887	Other	NA	Electronic	31.95	32.01
AT&T	06-09-18	13:32-15:30			32.08	06-09-18 13:51	280.7140973	Other	NA	Electronic	32.08	32.14
AT&T	11-09-18	15:32-17:30			32.59	11-09-18 16:50	2579.456512	Other	NA	Electronic	32.59	32.65
AT&T	14-09-18	13:32-15:30			33.34	14-09-18 13:41	2025.327588	Other	NA	Electronic	33.34	33.4
AT&T	17-09-18	13:32-15:30			33.74	17-09-18 14:11	296.7197256	Other	NA	Electronic	33.74	33.8
AT&T	19-09-18	13:32-15:30			33.45	19-09-18 15:21	296.7197256	Other	NA	Electronic	33.39	33.45
AUDCAD	02-07-18	09:30-09:32	0.97042	636.5088761								
AUDCAD	02-07-18	11:30-11:32	0.96972	229143.1954								
AUDCAD	02-07-18	13:30-13:32	0.96861	3182.544381								
AUDCAD	02-07-18	15:30-15:32	0.96735	3819.053257								
AUDCAD	03-07-18	09:30-09:32	0.97296	21641.30179								
AUDCAD	03-07-18	11:32-13:30			0.97218	03-07-18 11:32	636.5088761	Other	NA	Electronic	0.97218	0.97248
AUDCAD	03-07-18	13:32-15:30			0.97102	03-07-18 13:41	636.5088761	Other	NA	Electronic	0.97102	0.97131

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AUDCAD	03-07-18	15:32-17:30			0.97145	03-07-18 15:54	6365.088761	Other	NA	Electronic	0.97117	0.97145
AUDCAD	04-07-18	09:30-09:32	0.97127	7001.597637								
AUDCAD	04-07-18	11:30-11:32	0.97107	5092.071009								
AUDCAD	04-07-18	13:32-15:30			0.9706	04-07-18 13:40	636.5088761	Other	NA	Electronic	0.97065	0.97096
AUDCAD	04-07-18	15:32-17:30			0.97035	04-07-18 15:43	636.5088761	Other	NA	Electronic	0.97004	0.97035
AUDCAD	05-07-18	09:32-11:30			0.97114	05-07-18 09:37	636.5088761	Other	NA	Electronic	0.97083	0.9711
AUDCAD	05-07-18	11:32-13:30			0.97156	05-07-18 11:32	6365.088761	Other	NA	Electronic	0.97156	0.97187
AUDCAD	05-07-18	13:32-15:30			0.97126	05-07-18 13:38	1273.017752	Other	NA	Electronic	0.97096	0.97126
AUDCAD	05-07-18	15:32-17:30			0.96957	05-07-18 15:43	636.5088761	Other	NA	Electronic	0.96957	0.96987
AUDCAD	06-07-18	09:30-09:32	0.9735	4455.562133								
AUDCAD	06-07-18	11:30-11:32	0.97359	636.5088761								
AUDCAD	06-07-18	13:30-13:32	0.97443	6365.088761								
AUDCAD	06-07-18	15:30-15:32	0.97194	65560.41424								
AUDCAD	09-07-18	09:30-09:32	0.97818	20368.28404								
AUDCAD	09-07-18	11:32-13:30			0.97801	09-07-18 11:38	3182.544381	Other	NA	Electronic	0.97771	0.97801

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AUDCAD	09-07-18	13:32-15:30			0.97735	09-07-18 13:42	31825.44381	Other	NA	Electronic	0.97735	0.97764
AUDCAD	09-07-18	15:32-17:30			0.9785	09-07-18 15:37	3182.544381	Other	NA	Electronic	0.9782	0.9785
AUDCAD	10-07-18	09:30-09:32	0.97764	1273.017752								
AUDCAD	10-07-18	11:30-11:32	0.97675	1909.526628								
AUDCAD	10-07-18	13:32-15:30			0.97915	10-07-18 13:32	636.5088761	Other	NA	Electronic	0.97887	0.97915
AUDCAD	10-07-18	15:32-17:30			0.97889	10-07-18 15:36	6365.088761	Other	NA	Electronic	0.97889	0.97918
AUDCAD	11-07-18	09:32-11:30			0.97316	11-07-18 09:32	12730.17752	Other	NA	Electronic	0.97286	0.97316
AUDCAD	11-07-18	11:32-13:30			0.97262	11-07-18 11:38	6365.088761	Other	NA	Electronic	0.97262	0.97291
AUDCAD	11-07-18	13:32-15:30			0.9727	11-07-18 13:39	3182.544381	Other	NA	Electronic	0.9724	0.9727
AUDCAD	11-07-18	15:30-15:32	0.9718	3182.544381								
AUDCAD	12-07-18	09:32-11:30			0.97406	12-07-18 09:37	636.5088761	Other	NA	Electronic	0.97382	0.97406
AUDCAD	12-07-18	11:32-13:30			0.97323	12-07-18 11:36	1273.017752	Other	NA	Electronic	0.97293	0.97323
AUDCAD	12-07-18	13:30-13:32	0.97435	3182.544381								
AUDCAD	12-07-18	15:30-15:32	0.97561	1273.017752								
AUDCAD	13-07-18	09:32-11:30			0.97294	13-07-18 09:32	15912.7219	Other	NA	Electronic	0.97294	0.97323

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AUDCAD	13-07-18	11:32-13:30			0.97327	13-07-18 11:35	636.5088761	Other	NA	Electronic	0.97327	0.97356
AUDCAD	13-07-18	13:32-15:30			0.97447	13-07-18 13:38	3182.544381	Other	NA	Electronic	0.97447	0.97476
AUDCAD	13-07-18	15:30-15:32	0.97593	21004.79291								
AUDCAD	16-07-18	09:32-11:30			0.97766	16-07-18 09:34	1273.017752	Other	NA	Electronic	0.97739	0.97766
AUDCAD	16-07-18	11:30-11:32	0.97753	636.5088761								
AUDCAD	16-07-18	13:30-13:32	0.9759	33098.46156								
AUDCAD	16-07-18	15:30-15:32	0.97393	636.5088761								
AUDCAD	17-07-18	09:32-11:30			0.97397	17-07-18 09:34	1909.526628	Other	NA	Electronic	0.97397	0.97427
AUDCAD	17-07-18	11:32-13:30			0.97378	17-07-18 11:32	3182.544381	Other	NA	Electronic	0.97378	0.97409
AUDCAD	17-07-18	13:30-13:32	0.97479	31825.44381								
AUDCAD	17-07-18	15:32-17:30			0.97549	17-07-18 15:34	636.5088761	Other	NA	Electronic	0.97518	0.97549
AUDCAD	18-07-18	09:32-11:30			0.97412	18-07-18 09:39	31825.44381	Other	NA	Electronic	0.97412	0.97439
AUDCAD	18-07-18	11:32-13:30			0.9738	18-07-18 11:43	636.5088761	Other	NA	Electronic	0.9738	0.9741
AUDCAD	18-07-18	13:30-13:32	0.97462	1273.017752								
AUDCAD	18-07-18	15:32-17:30			0.97613	18-07-18 15:36	6365.088761	Other	NA	Electronic	0.97829	0.97859

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AUDCAD	19-07-18	09:30-09:32	0.97255	31825.44381								
AUDCAD	19-07-18	11:30-11:32	0.97225	1909.526628								
AUDCAD	19-07-18	13:30-13:32	0.97182	12730.17752								
AUDCAD	19-07-18	15:32-17:30			0.9728	19-07-18 15:48	636.5088761	Other	NA	Electronic	0.9725	0.9728
AUDCAD	20-07-18	09:32-11:30			0.97647	20-07-18 09:35	636.5088761	Other	NA	Electronic	0.97647	0.97678
AUDCAD	20-07-18	11:32-13:30			0.97586	20-07-18 11:32	636.5088761	Other	NA	Electronic	0.97586	0.97616
AUDCAD	20-07-18	13:32-15:30			0.97362	20-07-18 13:39	636.5088761	Other	NA	Electronic	0.97362	0.97392
AUDCAD	20-07-18	15:32-17:30			0.97322	20-07-18 15:34	1273.017752	Other	NA	Electronic	0.97322	0.97349
AUDCAD	23-07-18	09:30-09:32	0.97315	9547.633142								
AUDCAD	23-07-18	11:32-13:30			0.97329	23-07-18 11:38	7638.106513	Other	NA	Electronic	0.97299	0.97329
AUDCAD	23-07-18	13:30-13:32	0.97172	636.5088761								
AUDCAD	23-07-18	15:30-15:32	0.97084	636.5088761								
AUDCAD	24-07-18	09:30-09:32	0.97282	636.5088761								
AUDCAD	24-07-18	11:30-11:32	0.97385	5728.579885								
AUDCAD	24-07-18	13:30-13:32	0.97511	8274.61539								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD	24-07-18	15:30-15:32	0.97632	7638.106513								
AUDCAD	25-07-18	09:32-11:30			0.97486	25-07-18 09:43	636.5088761	Other	NA	Electronic	0.97455	0.97486
AUDCAD	25-07-18	11:32-13:30			0.97312	25-07-18 11:40	1909.526628	Other	NA	Electronic	0.97282	0.97312
AUDCAD	25-07-18	13:32-15:30			0.97228	25-07-18 13:33	636.5088761	Other	NA	Electronic	0.97198	0.97228
AUDCAD	25-07-18	15:32-17:30			0.97133	25-07-18 15:33	6365.088761	Other	NA	Electronic	0.97133	0.97163
AUDCAD	26-07-18	09:32-11:30			0.9683	26-07-18 09:37	636.5088761	Other	NA	Electronic	0.96829	0.96857
AUDCAD	26-07-18	11:30-11:32	0.9681	636.5088761								
AUDCAD	26-07-18	13:30-13:32	0.96644	2546.035504								
AUDCAD	26-07-18	15:30-15:32	0.96612	1273.017752								
AUDCAD	27-07-18	09:30-09:32	0.9642	636.5088761								
AUDCAD	27-07-18	11:32-13:30			0.96404	27-07-18 11:33	5092.071009	Other	NA	Electronic	0.96376	0.96404
AUDCAD	27-07-18	13:32-15:30			0.96676	27-07-18 13:32	3182.544381	Other	NA	Electronic	0.96646	0.96676
AUDCAD	27-07-18	15:30-15:32	0.96692	15912.7219								
AUDCAD	30-07-18	09:32-11:30			0.96644	30-07-18 09:40	636.5088761	Other	NA	Electronic	0.96644	0.96674
AUDCAD	30-07-18	11:32-13:30			0.96521	30-07-18 11:33	12730.17752	Other	NA	Electronic	0.96521	0.96548

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AUDCAD	30-07-18	13:30-13:32	0.96477	3182.544381								
AUDCAD	30-07-18	15:30-15:32	0.96385	636.5088761								
AUDCAD	31-07-18	09:30-09:32	0.96782	9547.633142								
AUDCAD	31-07-18	11:32-13:30			0.96812	31-07-18 11:47	9547.633142	Other	NA	Electronic	0.96782	0.96811
AUDCAD	31-07-18	13:30-13:32	0.96823	39463.55032								
AUDCAD	31-07-18	15:30-15:32	0.96804	8274.61539								
AUDCAD	01-08-18	09:30-09:32	0.96489	63650.88761								
AUDCAD	01-08-18	11:32-13:30			0.96564	01-08-18 11:46	1273.017752	Other	NA	Electronic	0.96538	0.96564
AUDCAD	01-08-18	13:32-15:30			0.96355	01-08-18 13:32	63650.88761	Other	NA	Electronic	0.96355	0.96382
AUDCAD	01-08-18	15:30-15:32	0.9628	1273.017752								
AUDCAD	02-08-18	09:32-11:30			0.95903	02-08-18 09:33	636.5088761	Other	NA	Electronic	0.95903	0.95928
AUDCAD	02-08-18	11:32-13:30			0.95927	02-08-18 11:32	636.5088761	Other	NA	Electronic	0.959	0.95927
AUDCAD	02-08-18	13:32-15:30			0.96036	02-08-18 13:34	1273.017752	Other	NA	Electronic	0.9601	0.96036
AUDCAD	02-08-18	15:32-17:30			0.95915	02-08-18 15:47	3182.544381	Other	NA	Electronic	0.95915	0.95941
AUDCAD	03-08-18	09:32-11:30			0.95806	03-08-18 09:33	636.5088761	Other	NA	Electronic	0.95806	0.95833

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AUDCAD	03-08-18	11:30-11:32	0.96103	17822.24853								
AUDCAD	03-08-18	13:32-15:30			0.95941	03-08-18 13:33	636.5088761	Other	NA	Electronic	0.95916	0.95941
AUDCAD	03-08-18	15:30-15:32	0.96132	3182.544381								
AUDCAD	06-08-18	09:32-11:30			0.96198	06-08-18 09:37	636.5088761	Other	NA	Electronic	0.96198	0.96225
AUDCAD	06-08-18	11:30-11:32	0.96157	1909.526628								
AUDCAD	06-08-18	13:32-15:30			0.9618	06-08-18 13:32	1909.526628	Other	NA	Electronic	0.9618	0.96205
AUDCAD	06-08-18	15:32-17:30			0.96079	06-08-18 15:32	636.5088761	Other	NA	Electronic	0.96079	0.96106
AUDCAD	07-08-18	09:30-09:32	0.96393	14003.19527								
AUDCAD	07-08-18	11:32-13:30			0.96429	07-08-18 11:35	636.5088761	Other	NA	Electronic	0.96402	0.96429
AUDCAD	07-08-18	13:32-15:30			0.96471	07-08-18 13:33	1273.017752	Other	NA	Electronic	0.96471	0.96501
AUDCAD	07-08-18	15:32-17:30			0.96635	07-08-18 15:33	636.5088761	Other	NA	Electronic	0.96635	0.96665
AUDCAD	08-08-18	09:30-09:32	0.96957	35007.98819								
AUDCAD	08-08-18	11:30-11:32	0.96978	3182.544381								
AUDCAD	08-08-18	13:30-13:32	0.96682	636.5088761								
AUDCAD	08-08-18	15:32-17:30			0.96961	08-08-18 15:36	2546.035504	Other	NA	Electronic	0.96932	0.96961

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD	09-08-18	09:32-11:30			0.96645	09-08-18 09:40	1273.017752	Other	NA	Electronic	0.96618	0.96645
AUDCAD	09-08-18	11:32-13:30			0.96707	09-08-18 11:48	636.5088761	Other	NA	Electronic	0.96707	0.96733
AUDCAD	09-08-18	13:32-15:30			0.96546	09-08-18 13:34	1273.017752	Other	NA	Electronic	0.96546	0.96573
AUDCAD	09-08-18	15:32-17:30			0.96419	09-08-18 15:36	636.5088761	Other	NA	Electronic	0.96419	0.96448
AUDCAD	10-08-18	09:30-09:32	0.95778	636.5088761								
AUDCAD	10-08-18	11:32-13:30			0.95701	10-08-18 11:49	6365.088761	Other	NA	Electronic	0.95701	0.9573
AUDCAD	10-08-18	13:32-15:30			0.95578	10-08-18 13:40	636.5088761	Other	NA	Electronic	0.95578	0.95607
AUDCAD	10-08-18	15:32-17:30			0.95738	10-08-18 15:46	1909.526628	Other	NA	Electronic	0.95738	0.95768
AUDCAD	13-08-18	09:32-11:30			0.95639	13-08-18 09:38	63650.88761	Other	NA	Electronic	0.95639	0.95668
AUDCAD	13-08-18	11:32-13:30			0.95595	13-08-18 11:44	31825.44381	Other	NA	Electronic	0.95595	0.95625
AUDCAD	13-08-18	13:32-15:30			0.95612	13-08-18 14:05	6365.088761	Other	NA	Electronic	0.95612	0.9564
AUDCAD	13-08-18	15:32-17:30			0.9549	13-08-18 15:36	31825.44381	Other	NA	Electronic	0.9546	0.9549
AUDCAD	14-08-18	09:32-11:30			0.95075	14-08-18 09:46	1273.017752	Other	NA	Electronic	0.95075	0.95102
AUDCAD	14-08-18	11:32-13:30			0.95	14-08-18 11:39	636.5088761	Other	NA	Electronic	0.95	0.95029
AUDCAD	14-08-18	13:32-15:30			0.94919	14-08-18 13:37	1909.526628	Other	NA	Electronic	0.94891	0.94919

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AUDCAD	14-08-18	15:30-15:32	0.94906	1273.017752								
AUDCAD	15-08-18	09:32-11:30			0.9458	15-08-18 09:44	31825.44381	Other	NA	Electronic	0.94551	0.9458
AUDCAD	15-08-18	11:32-13:30			0.94601	15-08-18 11:39	31825.44381	Other	NA	Electronic	0.94601	0.94631
AUDCAD	15-08-18	13:32-15:30			0.9482	15-08-18 13:35	636.5088761	Other	NA	Electronic	0.9482	0.94846
AUDCAD	15-08-18	15:32-17:30			0.95113	15-08-18 15:38	636.5088761	Other	NA	Electronic	0.95085	0.95113
AUDCAD	16-08-18	09:32-11:30			0.95502	16-08-18 09:53	636.5088761	Other	NA	Electronic	0.95472	0.95502
AUDCAD	16-08-18	11:32-13:30			0.95504	16-08-18 11:32	636.5088761	Other	NA	Electronic	0.95504	0.95531
AUDCAD	16-08-18	13:30-13:32	0.95643	318254.4381								
AUDCAD	16-08-18	15:32-17:30			0.9566	16-08-18 15:43	636508.8761	Other	NA	Electronic	0.9566	0.95687
AUDCAD	17-08-18	09:32-11:30			0.95587	17-08-18 09:33	636.5088761	Other	NA	Electronic	0.95559	0.95587
AUDCAD	17-08-18	11:30-11:32	0.9556	6365.088761								
AUDCAD	17-08-18	13:30-13:32	0.95184	9547.633142								
AUDCAD	17-08-18	15:32-17:30			0.95306	17-08-18 16:36	3819.053257	Other	NA	Electronic	0.95306	0.95333
AUDCAD	20-08-18	09:32-11:30			0.9553	20-08-18 09:36	6365.088761	Other	NA	Electronic	0.95501	0.9553
AUDCAD	20-08-18	11:32-13:30			0.95512	20-08-18 11:54	636.5088761	Other	NA	Electronic	0.95486	0.95512

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AUDCAD	20-08-18	13:32-15:30			0.95515	20-08-18 13:42	1273.017752	Other	NA	Electronic	0.95513	0.95542
AUDCAD	20-08-18	15:32-17:30			0.95522	20-08-18 15:39	31825.44381	Other	NA	Electronic	0.95493	0.95522
AUDCAD	21-08-18	09:32-11:30			0.95817	21-08-18 09:38	636.5088761	Other	NA	Electronic	0.95817	0.95845
AUDCAD	21-08-18	11:32-13:30			0.9578	21-08-18 11:47	3182.544381	Other	NA	Electronic	0.9575	0.9578
AUDCAD	21-08-18	13:32-15:30			0.95833	21-08-18 13:56	6365.088761	Other	NA	Electronic	0.95806	0.95833
AUDCAD	21-08-18	15:32-17:30			0.95955	21-08-18 15:38	636.5088761	Other	NA	Electronic	0.95928	0.95955
AUDCAD	22-08-18	09:32-11:30			0.95628	22-08-18 09:44	1909.526628	Other	NA	Electronic	0.95628	0.95656
AUDCAD	22-08-18	11:30-11:32	0.95815	3182.544381								
AUDCAD	22-08-18	13:30-13:32	0.95731	1909.526628								
AUDCAD	22-08-18	15:30-15:32	0.95693	3182.544381								
AUDCAD	23-08-18	09:32-11:30			0.95106	23-08-18 09:32	3182.544381	Other	NA	Electronic	0.95077	0.95106
AUDCAD	23-08-18	11:32-13:30			0.95067	23-08-18 11:33	636.5088761	Other	NA	Electronic	0.95038	0.95067
AUDCAD	23-08-18	13:32-15:30			0.94949	23-08-18 13:33	31825.44381	Other	NA	Electronic	0.94949	0.94977
AUDCAD	23-08-18	15:32-17:30			0.94864	23-08-18 15:59	1273.017752	Other	NA	Electronic	0.94836	0.94864
AUDCAD	24-08-18	09:32-11:30			0.95197	24-08-18 09:45	2546.035504	Other	NA	Electronic	0.95168	0.95197

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AUDCAD	24-08-18	11:32-13:30			0.95437	24-08-18 11:35	1909.526628	Other	NA	Electronic	0.95437	0.95458
AUDCAD	24-08-18	13:30-13:32	0.95438	1273.017752								
AUDCAD	24-08-18	15:30-15:32	0.95539	1273.017752								
AUDCAD	27-08-18	09:32-11:30			0.95281	27-08-18 09:44	3182.544381	Other	NA	Electronic	0.95253	0.95281
AUDCAD	27-08-18	11:30-11:32	0.95493	636.5088761								
AUDCAD	27-08-18	13:30-13:32	0.95541	1273.017752								
AUDCAD	27-08-18	15:30-15:32	0.95355	636.5088761								
AUDCAD	28-08-18	09:30-09:32	0.95144	636.5088761								
AUDCAD	28-08-18	11:30-11:32	0.95038	636.5088761								
AUDCAD	28-08-18	13:30-13:32	0.94902	1909.526628								
AUDCAD	28-08-18	15:32-17:30			0.95015	28-08-18 15:50	636.5088761	Other	NA	Electronic	0.94986	0.95015
AUDCAD	29-08-18	09:30-09:32	0.94487	636.5088761								
AUDCAD	29-08-18	11:32-13:30			0.9441	29-08-18 11:43	38190.53257	Other	NA	Electronic	0.9441	0.94437
AUDCAD	29-08-18	13:32-15:30			0.94258	29-08-18 13:33	1273.017752	Other	NA	Electronic	0.94258	0.94287
AUDCAD	29-08-18	15:30-15:32	0.94452	636.5088761								

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AUDCAD	30-08-18	09:30-09:32	0.94298	636.5088761								
AUDCAD	30-08-18	11:30-11:32	0.94377	1909.526628								
AUDCAD	30-08-18	13:32-15:30			0.94608	30-08-18 13:32	636.5088761	Other	NA	Electronic	0.94608	0.94637
AUDCAD	30-08-18	15:30-15:32	0.94367	636.5088761								
AUDCAD	31-08-18	09:32-11:30			0.94117	31-08-18 10:11	1273.017752	Other	NA	Electronic	0.94117	0.94144
AUDCAD	31-08-18	11:30-11:32	0.93994	636.5088761								
AUDCAD	31-08-18	13:30-13:32	0.94135	636.5088761								
AUDCAD	31-08-18	15:32-17:30			0.94175	31-08-18 15:36	1273.017752	Other	NA	Electronic	0.94175	0.94201
AUDCAD	03-09-18	09:30-09:32	0.94116	3182.544381								
AUDCAD	03-09-18	11:32-13:30			0.94145	03-09-18 11:46	636.5088761	Other	NA	Electronic	0.94145	0.94172
AUDCAD	03-09-18	13:32-15:30			0.94292	03-09-18 13:57	636.5088761	Other	NA	Electronic	0.94292	0.9432
AUDCAD	03-09-18	15:30-15:32	0.94402	25460.35504								
AUDCAD	04-09-18	09:30-09:32	0.94329	636.5088761								
AUDCAD	04-09-18	11:30-11:32	0.94514	19095.26628								
AUDCAD	04-09-18	13:32-15:30			0.9461	04-09-18 13:38	636.5088761	Other	NA	Electronic	0.9461	0.94638



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AUDCAD	04-09-18	15:30-15:32	0.94605	12093.66865								
AUDCAD	05-09-18	09:32-11:30			0.94627	05-09-18 10:06	636.5088761	Other	NA	Electronic	0.94598	0.94627
AUDCAD	05-09-18	11:32-13:30			0.94517	05-09-18 11:51	4455.562133	Other	NA	Electronic	0.94517	0.94545
AUDCAD	05-09-18	13:32-15:30			0.94651	05-09-18 13:42	6365.088761	Other	NA	Electronic	0.94624	0.94651
AUDCAD	05-09-18	15:32-17:30			0.94845	05-09-18 15:33	3182.544381	Other	NA	Electronic	0.94817	0.94845
AUDCAD	06-09-18	09:30-09:32	0.94767	1273.017752								
AUDCAD	06-09-18	11:32-13:30			0.94911	06-09-18 11:36	1273.017752	Other	NA	Electronic	0.94883	0.94911
AUDCAD	06-09-18	13:30-13:32	0.9487	636.5088761								
AUDCAD	06-09-18	15:32-17:30			0.95086	06-09-18 15:33	636.5088761	Other	NA	Electronic	0.95086	0.95116
AUDCAD	07-09-18	09:32-11:30			0.94026	07-09-18 09:47	636.5088761	Other	NA	Electronic	0.93999	0.94026
AUDCAD	07-09-18	11:32-13:30			0.93944	07-09-18 11:38	636.5088761	Other	NA	Electronic	0.93944	0.93972
AUDCAD	07-09-18	13:32-15:30			0.93902	07-09-18 14:17	3182.544381	Other	NA	Electronic	0.93902	0.93929
AUDCAD	07-09-18	15:32-17:30			0.94008	07-09-18 15:39	636.5088761	Other	NA	Electronic	0.93978	0.94008
AUDCAD	10-09-18	09:32-11:30			0.93825	10-09-18 09:39	3182.544381	Other	NA	Electronic	0.93798	0.93825
AUDCAD	10-09-18	11:32-13:30			0.9391	10-09-18 11:35	636.5088761	Other	NA	Electronic	0.93883	0.9391

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD	10-09-18	13:32-15:30			0.93723	10-09-18 13:39	636.5088761	Other	NA	Electronic	0.93725	0.93751
AUDCAD	10-09-18	15:30-15:32	0.9373	636.5088761								
AUDCAD	11-09-18	09:32-11:30			0.93489	11-09-18 09:33	636.5088761	Other	NA	Electronic	0.93489	0.93514
AUDCAD	11-09-18	11:32-13:30			0.93439	11-09-18 11:43	5728.579885	Other	NA	Electronic	0.93411	0.93439
AUDCAD	11-09-18	13:30-13:32	0.93283	1273.017752								
AUDCAD	11-09-18	15:32-17:30			0.93258	11-09-18 15:33	1909.526628	Other	NA	Electronic	0.93229	0.93258
AUDCAD	12-09-18	09:32-11:30			0.92931	12-09-18 09:32	6365.088761	Other	NA	Electronic	0.92931	0.92958
AUDCAD	12-09-18	11:30-11:32	0.92986	1273.017752								
AUDCAD	12-09-18	13:32-15:30			0.92986	12-09-18 13:32	636.5088761	Other	NA	Electronic	0.92986	0.93014
AUDCAD	12-09-18	15:30-15:32	0.93306	636.5088761								
AUDCAD	13-09-18	09:32-11:30			0.93407	13-09-18 09:50	636.5088761	Other	NA	Electronic	0.93407	0.93435
AUDCAD	13-09-18	11:30-11:32	0.93519	13366.6864								
AUDCAD	13-09-18	13:30-13:32	0.93801	25460.35504								
AUDCAD	13-09-18	15:30-15:32	0.93519	3182.544381								
AUDCAD	14-09-18	09:32-11:30			0.93602	14-09-18 09:43	1273.017752	Other	NA	Electronic	0.93602	0.93629

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD	14-09-18	11:30-11:32	0.93433	636.5088761								
AUDCAD	14-09-18	13:30-13:32	0.93441	636.5088761								
AUDCAD	14-09-18	15:32-17:30			0.93596	14-09-18 15:37	3182.544381	Other	NA	Electronic	0.93568	0.93596
AUDCAD	17-09-18	09:30-09:32	0.9342	636.5088761								
AUDCAD	17-09-18	11:32-13:30			0.93505	17-09-18 11:44	3182.544381	Other	NA	Electronic	0.93474	0.93505
AUDCAD	17-09-18	13:30-13:32	0.93561	636.5088761								
AUDCAD	17-09-18	15:32-17:30			0.93594	17-09-18 15:34	3182.544381	Other	NA	Electronic	0.93567	0.93594
AUDCAD	18-09-18	09:32-11:30			0.9387	18-09-18 09:32	636.5088761	Other	NA	Electronic	0.9387	0.93899
AUDCAD	18-09-18	11:32-13:30			0.93776	18-09-18 11:38	3182.544381	Other	NA	Electronic	0.93776	0.93805
AUDCAD	18-09-18	13:32-15:30			0.93663	18-09-18 13:32	636.5088761	Other	NA	Electronic	0.93663	0.93691
AUDCAD	18-09-18	15:32-17:30			0.93642	18-09-18 15:33	636.5088761	Other	NA	Electronic	0.93642	0.93671
AUDCAD	19-09-18	09:32-11:30			0.93951	19-09-18 09:35	1273.017752	Other	NA	Electronic	0.93922	0.93951
AUDCAD	19-09-18	11:32-13:30			0.93873	19-09-18 11:32	1273.017752	Other	NA	Electronic	0.93873	0.939
AUDCAD	19-09-18	13:30-13:32	0.94018	63650.88761								
AUDCAD	19-09-18	15:32-17:30			0.94143	19-09-18 15:33	636.5088761	Other	NA	Electronic	0.94115	0.94143

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AUDCAD	20-09-18	09:32-11:30			0.9382	20-09-18 09:59	636.5088761	Other	NA	Electronic	0.9382	0.93849
AUDCAD	20-09-18	11:30-11:32	0.9389	19731.77516								
AUDCAD	20-09-18	13:32-15:30			0.93893	20-09-18 13:45	636.5088761	Other	NA	Electronic	0.93867	0.93893
AUDCAD	20-09-18	15:30-15:32	0.93965	25460.35504								
AUDCAD	21-09-18	09:32-11:30			0.94112	21-09-18 09:35	636.5088761	Other	NA	Electronic	0.94112	0.94138
AUDCAD	21-09-18	11:30-11:32	0.94025	6365.088761								
AUDCAD	21-09-18	13:32-15:30			0.93838	21-09-18 13:37	3182.544381	Other	NA	Electronic	0.93838	0.93865
AUDCAD	21-09-18	15:32-17:30			0.9401	21-09-18 15:34	2546.035504	Other	NA	Electronic	0.9401	0.94038
AUDCAD	24-09-18	09:32-11:30			0.94156	24-09-18 09:34	636.5088761	Other	NA	Electronic	0.94127	0.94156
AUDCAD	24-09-18	11:32-13:30			0.94127	24-09-18 11:34	63650.88761	Other	NA	Electronic	0.94099	0.94127
AUDCAD	24-09-18	13:32-15:30			0.93941	24-09-18 13:37	1273.017752	Other	NA	Electronic	0.93941	0.9397
AUDCAD	24-09-18	15:32-17:30			0.93938	24-09-18 15:41	636.5088761	Other	NA	Electronic	0.93911	0.93938
AUDCAD	25-09-18	09:32-11:30			0.93851	25-09-18 09:41	636.5088761	Other	NA	Electronic	0.93851	0.93878
AUDCAD	25-09-18	11:32-13:30			0.9405	25-09-18 11:32	3182.544381	Other	NA	Electronic	0.94022	0.9405
AUDCAD	25-09-18	13:32-15:30			0.93945	25-09-18 13:34	636.5088761	Other	NA	Electronic	0.93945	0.93973

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD	25-09-18	15:30-15:32	0.93835	2546.035504								
AUDCAD	26-09-18	09:32-11:30			0.93957	26-09-18 09:48	31825.44381	Other	NA	Electronic	0.93957	0.93986
AUDCAD	26-09-18	11:32-13:30			0.93979	26-09-18 11:49	63650.88761	Other	NA	Electronic	0.9395	0.93979
AUDCAD	26-09-18	13:30-13:32	0.93908	15276.21303								
AUDCAD	26-09-18	15:30-15:32	0.94044	636.5088761								
AUDCAD	27-09-18	09:32-11:30			0.94379	27-09-18 09:33	1273.017752	Other	NA	Electronic	0.94379	0.9441
AUDCAD	27-09-18	11:32-13:30			0.94391	27-09-18 11:35	1273.017752	Other	NA	Electronic	0.94391	0.94419
AUDCAD	27-09-18	13:32-15:30			0.94266	27-09-18 13:34	12730.17752	Other	NA	Electronic	0.94266	0.94295
AUDCAD	27-09-18	15:30-15:32	0.94139	636.5088761								
AUDCAD	28-09-18	09:32-11:30			0.93916	28-09-18 09:39	3182.544381	Other	NA	Electronic	0.93916	0.93946
AUDCAD	28-09-18	11:32-13:30			0.93882	28-09-18 11:36	9547.633142	Other	NA	Electronic	0.93853	0.93882
AUDCAD	28-09-18	13:32-15:30			0.93728	28-09-18 13:32	636.5088761	Other	NA	Electronic	0.93699	0.93728
AUDCAD	28-09-18	15:32-17:30			0.9355	28-09-18 15:32	15912.7219	Other	NA	Electronic	0.93522	0.9355
AUDCAD.	02-07-18	09:32-11:30			0.97077	02-07-18 10:09	636.5088761	Other	NA	Electronic	0.97069	0.97077
AUDCAD.	02-07-18	11:32-13:30			0.96885	02-07-18 13:04	2546.035504	Other	NA	Electronic	0.96885	0.96895

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	02-07-18	13:32-15:30			0.96901	02-07-18 13:39	636.5088761	Other	NA	Electronic	0.96901	0.96913
AUDCAD.	02-07-18	15:32-17:30			0.96735	02-07-18 15:45	1273.017752	Other	NA	Electronic	0.96735	0.96747
AUDCAD.	03-07-18	09:32-11:30			0.97312	03-07-18 09:34	636.5088761	Other	NA	Electronic	0.97312	0.97324
AUDCAD.	03-07-18	11:32-13:30			0.97237	03-07-18 11:33	3182.544381	Other	NA	Electronic	0.97237	0.97248
AUDCAD.	03-07-18	13:30-13:32	0.97126	1273.017752								
AUDCAD.	03-07-18	15:32-17:30			0.97119	03-07-18 15:55	12730.17752	Other	NA	Electronic	0.97119	0.97128
AUDCAD.	04-07-18	09:32-11:30			0.97116	04-07-18 09:42	1273.017752	Other	NA	Electronic	0.97116	0.97129
AUDCAD.	04-07-18	11:32-13:30			0.97128	04-07-18 11:49	1273.017752	Other	NA	Electronic	0.97128	0.9714
AUDCAD.	04-07-18	13:32-15:30			0.97044	04-07-18 13:32	636.5088761	Other	NA	Electronic	0.97032	0.97044
AUDCAD.	04-07-18	15:32-17:30			0.97026	04-07-18 15:55	31825.44381	Other	NA	Electronic	0.97014	0.97026
AUDCAD.	05-07-18	09:32-11:30			0.97114	05-07-18 09:45	636.5088761	Other	NA	Electronic	0.97114	0.97125
AUDCAD.	05-07-18	11:30-11:32	0.97194	3819.053257								
AUDCAD.	05-07-18	13:32-15:30			0.97121	05-07-18 13:33	4455.562133	Other	NA	Electronic	0.97121	0.9713
AUDCAD.	05-07-18	15:32-17:30			0.96953	05-07-18 15:59	636.5088761	Other	NA	Electronic	0.96953	0.96964
AUDCAD.	06-07-18	09:32-11:30			0.9735	06-07-18 09:45	3182.544381	Other	NA	Electronic	0.97341	0.9735

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AUDCAD.	06-07-18	11:32-13:30			0.9731	06-07-18 11:48	636.5088761	Other	NA	Electronic	0.97298	0.9731
AUDCAD.	06-07-18	13:32-15:30			0.97287	06-07-18 13:43	636.5088761	Other	NA	Electronic	0.97278	0.97287
AUDCAD.	06-07-18	15:32-17:30			0.9718	06-07-18 15:34	636.5088761	Other	NA	Electronic	0.97171	0.9718
AUDCAD.	09-07-18	09:30-09:32	0.97813	6365.088761								
AUDCAD.	09-07-18	11:32-13:30			0.97769	09-07-18 13:00	636.5088761	Other	NA	Electronic	0.97769	0.97781
AUDCAD.	09-07-18	13:32-15:30			0.97749	09-07-18 14:02	636.5088761	Other	NA	Electronic	0.9774	0.97751
AUDCAD.	09-07-18	15:32-17:30			0.97901	09-07-18 15:59	636.5088761	Other	NA	Electronic	0.97904	0.97911
AUDCAD.	10-07-18	09:32-11:30			0.97757	10-07-18 09:47	636.5088761	Other	NA	Electronic	0.97757	0.97767
AUDCAD.	10-07-18	11:30-11:32	0.97647	636.5088761								
AUDCAD.	10-07-18	13:32-15:30			0.97926	10-07-18 14:08	636.5088761	Other	NA	Electronic	0.97915	0.97927
AUDCAD.	10-07-18	15:32-17:30			0.97909	10-07-18 16:09	636.5088761	Other	NA	Electronic	0.97909	0.9792
AUDCAD.	11-07-18	09:32-11:30			0.97289	11-07-18 10:00	2546.035504	Other	NA	Electronic	0.9728	0.97289
AUDCAD.	11-07-18	11:32-13:30			0.97167	11-07-18 11:55	6365.088761	Other	NA	Electronic	0.97167	0.97178
AUDCAD.	11-07-18	13:32-15:30			0.97225	11-07-18 13:56	1273.017752	Other	NA	Electronic	0.97214	0.97225
AUDCAD.	11-07-18	15:32-17:30			0.97169	11-07-18 15:32	70015.97637	Other	NA	Electronic	0.97161	0.97169

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AUDCAD.	12-07-18	09:32-11:30			0.97442	12-07-18 10:00	1273.017752	Other	NA	Electronic	0.97434	0.97442
AUDCAD.	12-07-18	11:32-13:30			0.97431	12-07-18 13:14	636.5088761	Other	NA	Electronic	0.97431	0.9744
AUDCAD.	12-07-18	13:30-13:32	0.97407	2546.035504								
AUDCAD.	12-07-18	15:32-17:30			0.97563	12-07-18 15:45	3182.544381	Other	NA	Electronic	0.97563	0.97575
AUDCAD.	13-07-18	09:32-11:30			0.97352	13-07-18 10:00	636.5088761	Other	NA	Electronic	0.97352	0.97363
AUDCAD.	13-07-18	11:32-13:30			0.97327	13-07-18 11:45	1273.017752	Other	NA	Electronic	0.97316	0.97327
AUDCAD.	13-07-18	13:32-15:30			0.97442	13-07-18 13:42	5092.071009	Other	NA	Electronic	0.97442	0.97453
AUDCAD.	13-07-18	15:30-15:32	0.97602	7001.597637								
AUDCAD.	16-07-18	09:32-11:30			0.97773	16-07-18 09:45	19095.26628	Other	NA	Electronic	0.97762	0.97773
AUDCAD.	16-07-18	11:32-13:30			0.97684	16-07-18 11:39	1909.526628	Other	NA	Electronic	0.97684	0.97691
AUDCAD.	16-07-18	13:32-15:30			0.97482	16-07-18 14:03	636.5088761	Other	NA	Electronic	0.97473	0.97482
AUDCAD.	16-07-18	15:32-17:30			0.97391	16-07-18 16:25	3182.544381	Other	NA	Electronic	0.9738	0.97391
AUDCAD.	17-07-18	09:32-11:30			0.97489	17-07-18 10:15	3182.544381	Other	NA	Electronic	0.97478	0.97489
AUDCAD.	17-07-18	11:32-13:30			0.97445	17-07-18 13:20	636.5088761	Other	NA	Electronic	0.97436	0.97445
AUDCAD.	17-07-18	15:32-17:30			0.9748	17-07-18 17:25	636.5088761	Other	NA	Electronic	0.97481	0.9749



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AUDCAD.	18-07-18	09:32-11:30			0.97431	18-07-18 09:32	2546.035504	Other	NA	Electronic	0.97421	0.97431
AUDCAD.	18-07-18	11:30-11:32	0.97409	6365.088761								
AUDCAD.	18-07-18	13:32-15:30			0.97453	18-07-18 13:44	636.5088761	Other	NA	Electronic	0.97445	0.97453
AUDCAD.	18-07-18	15:32-17:30			0.9759	18-07-18 15:45	1273.017752	Other	NA	Electronic	0.9759	0.97598
AUDCAD.	19-07-18	09:30-09:32	0.97232	1273.017752								
AUDCAD.	19-07-18	11:32-13:30			0.97199	19-07-18 11:33	1273.017752	Other	NA	Electronic	0.9719	0.97199
AUDCAD.	19-07-18	13:32-15:30			0.97168	19-07-18 13:39	636.5088761	Other	NA	Electronic	0.97157	0.97168
AUDCAD.	19-07-18	15:32-17:30			0.97355	19-07-18 16:32	6365.088761	Other	NA	Electronic	0.97355	0.97366
AUDCAD.	20-07-18	09:32-11:30			0.97578	20-07-18 10:15	636.5088761	Other	NA	Electronic	0.97569	0.97578
AUDCAD.	20-07-18	11:32-13:30			0.97617	20-07-18 11:33	636.5088761	Other	NA	Electronic	0.97617	0.97623
AUDCAD.	20-07-18	13:32-15:30			0.97376	20-07-18 13:38	63650.88761	Other	NA	Electronic	0.97365	0.97376
AUDCAD.	20-07-18	15:32-17:30			0.97305	20-07-18 15:45	1273.017752	Other	NA	Electronic	0.97305	0.97315
AUDCAD.	23-07-18	09:32-11:30			0.97329	23-07-18 09:54	636.5088761	Other	NA	Electronic	0.97329	0.97341
AUDCAD.	23-07-18	11:32-13:30			0.97309	23-07-18 11:41	3182.544381	Other	NA	Electronic	0.97309	0.9732
AUDCAD.	23-07-18	13:32-15:30			0.97122	23-07-18 13:37	636.5088761	Other	NA	Electronic	0.97111	0.97122

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AUDCAD.	23-07-18	15:32-17:30			0.97137	23-07-18 16:16	636.5088761	Other	NA	Electronic	0.97129	0.97137
AUDCAD.	24-07-18	09:32-11:30			0.97301	24-07-18 10:11	6365.088761	Other	NA	Electronic	0.97301	0.97312
AUDCAD.	24-07-18	11:32-13:30			0.97412	24-07-18 11:42	63650.88761	Other	NA	Electronic	0.97412	0.97422
AUDCAD.	24-07-18	13:30-13:32	0.97517	636.5088761								
AUDCAD.	24-07-18	15:32-17:30			0.97629	24-07-18 16:00	2546.035504	Other	NA	Electronic	0.97629	0.97639
AUDCAD.	25-07-18	09:30-09:32	0.97436	1273.017752								
AUDCAD.	25-07-18	11:32-13:30			0.9731	25-07-18 11:57	636.5088761	Other	NA	Electronic	0.9731	0.9732
AUDCAD.	25-07-18	13:30-13:32	0.9723	636.5088761								
AUDCAD.	25-07-18	15:30-15:32	0.97181	636.5088761								
AUDCAD.	26-07-18	09:32-11:30			0.9683	26-07-18 09:41	6365.088761	Other	NA	Electronic	0.96828	0.9684
AUDCAD.	26-07-18	11:32-13:30			0.9684	26-07-18 11:45	636.5088761	Other	NA	Electronic	0.9684	0.96851
AUDCAD.	26-07-18	13:32-15:30			0.96648	26-07-18 13:35	1273.017752	Other	NA	Electronic	0.9664	0.96648
AUDCAD.	26-07-18	15:32-17:30			0.9657	26-07-18 15:42	636.5088761	Other	NA	Electronic	0.9657	0.96581
AUDCAD.	27-07-18	09:30-09:32	0.96393	636.5088761								
AUDCAD.	27-07-18	11:32-13:30			0.96418	27-07-18 11:59	6365.088761	Other	NA	Electronic	0.96408	0.96418

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AUDCAD.	27-07-18	13:32-15:30			0.96677	27-07-18 13:45	636.5088761	Other	NA	Electronic	0.96677	0.96688
AUDCAD.	27-07-18	15:32-17:30			0.96726	27-07-18 15:51	636.5088761	Other	NA	Electronic	0.96726	0.96738
AUDCAD.	30-07-18	09:32-11:30			0.9665	30-07-18 09:34	3182.544381	Other	NA	Electronic	0.9665	0.96661
AUDCAD.	30-07-18	11:30-11:32	0.9655	1273.017752								
AUDCAD.	30-07-18	13:32-15:30			0.96351	30-07-18 13:55	1273.017752	Other	NA	Electronic	0.96351	0.96362
AUDCAD.	30-07-18	15:30-15:32	0.96405	3182.544381								
AUDCAD.	31-07-18	09:32-11:30			0.9677	31-07-18 09:47	6365.088761	Other	NA	Electronic	0.9677	0.96781
AUDCAD.	31-07-18	11:32-13:30			0.96808	31-07-18 11:43	190952.6628	Other	NA	Electronic	0.96808	0.96817
AUDCAD.	31-07-18	13:32-15:30			0.96934	31-07-18 13:39	8274.61539	Other	NA	Electronic	0.96925	0.96934
AUDCAD.	31-07-18	15:30-15:32	0.96824	636.5088761								
AUDCAD.	01-08-18	09:32-11:30			0.96523	01-08-18 09:45	636.5088761	Other	NA	Electronic	0.96523	0.96531
AUDCAD.	01-08-18	11:32-13:30			0.96554	01-08-18 12:08	1273.017752	Other	NA	Electronic	0.96546	0.96554
AUDCAD.	01-08-18	13:32-15:30			0.96367	01-08-18 13:32	636.5088761	Other	NA	Electronic	0.96359	0.96367
AUDCAD.	01-08-18	15:30-15:32	0.96249	477381.6571								
AUDCAD.	02-08-18	09:32-11:30			0.95892	02-08-18 09:38	636.5088761	Other	NA	Electronic	0.95885	0.95892

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	02-08-18	11:32-13:30			0.95975	02-08-18 12:29	3182.544381	Other	NA	Electronic	0.95975	0.96007
AUDCAD.	02-08-18	13:32-15:30			0.95981	02-08-18 14:25	636.5088761	Other	NA	Electronic	0.95981	0.95989
AUDCAD.	02-08-18	15:32-17:30			0.95947	02-08-18 15:39	3182.544381	Other	NA	Electronic	0.95938	0.95947
AUDCAD.	03-08-18	11:32-13:30			0.96159	03-08-18 11:32	636.5088761	Other	NA	Electronic	0.96159	0.96166
AUDCAD.	03-08-18	13:32-15:30			0.95931	03-08-18 13:46	19731.77516	Other	NA	Electronic	0.95931	0.95938
AUDCAD.	03-08-18	15:32-17:30			0.96087	03-08-18 16:14	19731.77516	Other	NA	Electronic	0.9608	0.96087
AUDCAD.	06-08-18	09:32-11:30			0.96138	06-08-18 10:18	636.5088761	Other	NA	Electronic	0.96138	0.96145
AUDCAD.	06-08-18	11:32-13:30			0.96179	06-08-18 12:18	636.5088761	Other	NA	Electronic	0.96179	0.96186
AUDCAD.	06-08-18	13:32-15:30			0.96079	06-08-18 14:15	1273.017752	Other	NA	Electronic	0.96073	0.96079
AUDCAD.	07-08-18	09:32-11:30			0.96369	07-08-18 10:01	6365.088761	Other	NA	Electronic	0.96369	0.96378
AUDCAD.	07-08-18	11:32-13:30			0.96447	07-08-18 12:00	2546.035504	Other	NA	Electronic	0.96447	0.96459
AUDCAD.	07-08-18	13:32-15:30			0.9655	07-08-18 14:00	2546.035504	Other	NA	Electronic	0.9655	0.96572
AUDCAD.	07-08-18	15:32-17:30			0.96685	07-08-18 16:06	636.5088761	Other	NA	Electronic	0.96685	0.96695
AUDCAD.	08-08-18	09:32-11:30			0.96894	08-08-18 10:26	127938.2841	Other	NA	Electronic	0.96894	0.96904
AUDCAD.	08-08-18	11:32-13:30			0.96797	08-08-18 12:31	636.5088761	Other	NA	Electronic	0.96797	0.96808

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	08-08-18	13:32-15:30			0.96682	08-08-18 13:32	636.5088761	Other	NA	Electronic	0.96664	0.96681
AUDCAD.	08-08-18	15:32-17:30			0.96936	08-08-18 15:47	190952.6628	Other	NA	Electronic	0.96936	0.96946
AUDCAD.	09-08-18	09:32-11:30			0.96614	09-08-18 10:00	2546.035504	Other	NA	Electronic	0.96604	0.96614
AUDCAD.	09-08-18	11:32-13:30			0.96714	09-08-18 12:18	636.5088761	Other	NA	Electronic	0.96705	0.96714
AUDCAD.	09-08-18	13:32-15:30			0.96578	09-08-18 13:42	6365.088761	Other	NA	Electronic	0.96568	0.96578
AUDCAD.	09-08-18	15:32-17:30			0.96449	09-08-18 15:46	6365.088761	Other	NA	Electronic	0.9644	0.96449
AUDCAD.	10-08-18	09:32-11:30			0.9581	10-08-18 10:34	1273.017752	Other	NA	Electronic	0.9581	0.95821
AUDCAD.	10-08-18	11:32-13:30			0.95729	10-08-18 11:38	1909.526628	Other	NA	Electronic	0.9572	0.9573
AUDCAD.	10-08-18	13:30-13:32	0.95525	636.5088761								
AUDCAD.	10-08-18	15:32-17:30			0.95743	10-08-18 15:38	1273.017752	Other	NA	Electronic	0.95743	0.95755
AUDCAD.	13-08-18	11:32-13:30			0.95595	13-08-18 11:47	6365.088761	Other	NA	Electronic	0.95587	0.95595
AUDCAD.	13-08-18	13:32-15:30			0.95658	13-08-18 14:00	1273.017752	Other	NA	Electronic	0.9564	0.95658
AUDCAD.	14-08-18	09:32-11:30			0.95039	14-08-18 10:05	1909.526628	Other	NA	Electronic	0.95039	0.95048
AUDCAD.	14-08-18	11:32-13:30			0.95038	14-08-18 11:39	1273.017752	Other	NA	Electronic	0.95028	0.95038
AUDCAD.	14-08-18	13:32-15:30			0.9495	14-08-18 14:28	636.5088761	Other	NA	Electronic	0.9494	0.9495

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	14-08-18	15:32-17:30			0.94889	14-08-18 15:36	1273.017752	Other	NA	Electronic	0.9488	0.94889
AUDCAD.	15-08-18	09:32-11:30			0.94592	15-08-18 09:54	1909.526628	Other	NA	Electronic	0.94582	0.94592
AUDCAD.	15-08-18	11:32-13:30			0.94635	15-08-18 11:44	5092.071009	Other	NA	Electronic	0.94635	0.94639
AUDCAD.	15-08-18	13:32-15:30			0.94814	15-08-18 13:34	636.5088761	Other	NA	Electronic	0.94817	0.94826
AUDCAD.	15-08-18	15:32-17:30			0.9516	15-08-18 15:50	1273.017752	Other	NA	Electronic	0.9516	0.95168
AUDCAD.	16-08-18	09:32-11:30			0.95509	16-08-18 09:53	1273.017752	Other	NA	Electronic	0.95499	0.95509
AUDCAD.	16-08-18	11:32-13:30			0.95522	16-08-18 11:34	1273.017752	Other	NA	Electronic	0.95514	0.95522
AUDCAD.	16-08-18	13:30-13:32	0.95625	5728.579885								
AUDCAD.	16-08-18	15:32-17:30			0.95527	16-08-18 17:00	3182.544381	Other	NA	Electronic	0.95527	0.95539
AUDCAD.	17-08-18	09:32-11:30			0.95448	17-08-18 10:08	3182.544381	Other	NA	Electronic	0.95448	0.95457
AUDCAD.	17-08-18	11:32-13:30			0.95615	17-08-18 12:15	15912.7219	Other	NA	Electronic	0.95605	0.95615
AUDCAD.	17-08-18	13:32-15:30			0.95225	17-08-18 14:07	3182.544381	Other	NA	Electronic	0.95225	0.95235
AUDCAD.	20-08-18	09:32-11:30			0.95448	20-08-18 10:45	1273.017752	Other	NA	Electronic	0.95442	0.95448
AUDCAD.	20-08-18	11:30-11:32	0.95499	1909.526628								
AUDCAD.	20-08-18	13:32-15:30			0.95579	20-08-18 14:33	6365.088761	Other	NA	Electronic	0.9557	0.95579

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	20-08-18	15:32-17:30			0.9551	20-08-18 15:39	6365.088761	Other	NA	Electronic	0.95501	0.9551
AUDCAD.	21-08-18	11:32-13:30			0.95714	21-08-18 12:07	1273.017752	Other	NA	Electronic	0.95714	0.95724
AUDCAD.	21-08-18	13:32-15:30			0.95937	21-08-18 14:44	1273.017752	Other	NA	Electronic	0.95927	0.95937
AUDCAD.	21-08-18	15:32-17:30			0.95963	21-08-18 15:49	636.5088761	Other	NA	Electronic	0.95963	0.95973
AUDCAD.	22-08-18	09:32-11:30			0.95647	22-08-18 10:00	636.5088761	Other	NA	Electronic	0.95647	0.95657
AUDCAD.	22-08-18	11:32-13:30			0.95836	22-08-18 12:03	636.5088761	Other	NA	Electronic	0.95836	0.95845
AUDCAD.	22-08-18	13:32-15:30			0.95723	22-08-18 13:52	636.5088761	Other	NA	Electronic	0.95715	0.95723
AUDCAD.	22-08-18	15:32-17:30			0.95652	22-08-18 16:51	2546.035504	Other	NA	Electronic	0.95642	0.95652
AUDCAD.	23-08-18	09:32-11:30			0.95126	23-08-18 09:45	1273.017752	Other	NA	Electronic	0.95118	0.95126
AUDCAD.	23-08-18	11:32-13:30			0.94976	23-08-18 11:58	636.5088761	Other	NA	Electronic	0.94966	0.94974
AUDCAD.	23-08-18	13:32-15:30			0.94846	23-08-18 14:23	1273.017752	Other	NA	Electronic	0.94836	0.94846
AUDCAD.	23-08-18	15:32-17:30			0.94834	23-08-18 16:01	636.5088761	Other	NA	Electronic	0.94824	0.94834
AUDCAD.	24-08-18	09:32-11:30			0.95213	24-08-18 10:00	1273.017752	Other	NA	Electronic	0.95203	0.95213
AUDCAD.	24-08-18	11:32-13:30			0.95421	24-08-18 11:45	1273.017752	Other	NA	Electronic	0.95421	0.9543
AUDCAD.	24-08-18	13:32-15:30			0.95552	24-08-18 15:00	2546.035504	Other	NA	Electronic	0.95552	0.95562

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	24-08-18	15:30-15:32	0.95558	636.5088761								
AUDCAD.	27-08-18	09:32-11:30			0.95274	27-08-18 09:46	636.5088761	Other	NA	Electronic	0.95263	0.95274
AUDCAD.	27-08-18	11:32-13:30			0.95547	27-08-18 11:54	3819.053257	Other	NA	Electronic	0.95538	0.95547
AUDCAD.	27-08-18	15:30-15:32	0.95364	636.5088761								
AUDCAD.	28-08-18	09:32-11:30			0.95139	28-08-18 10:02	3182.544381	Other	NA	Electronic	0.95139	0.95148
AUDCAD.	28-08-18	11:32-13:30			0.94887	28-08-18 12:40	636.5088761	Other	NA	Electronic	0.9488	0.94887
AUDCAD.	28-08-18	13:32-15:30			0.94862	28-08-18 14:50	6365.088761	Other	NA	Electronic	0.94862	0.94871
AUDCAD.	28-08-18	15:32-17:30			0.95009	28-08-18 15:59	3182.544381	Other	NA	Electronic	0.95009	0.95019
AUDCAD.	29-08-18	09:32-11:30			0.94489	29-08-18 09:38	3182.544381	Other	NA	Electronic	0.94479	0.94489
AUDCAD.	29-08-18	11:30-11:32	0.94458	3182.544381								
AUDCAD.	29-08-18	13:32-15:30			0.94221	29-08-18 13:41	5728.579885	Other	NA	Electronic	0.94221	0.94231
AUDCAD.	29-08-18	15:32-17:30			0.94302	29-08-18 16:44	636.5088761	Other	NA	Electronic	0.94292	0.94302
AUDCAD.	30-08-18	09:32-11:30			0.94251	30-08-18 10:15	636.5088761	Other	NA	Electronic	0.9424	0.94251
AUDCAD.	30-08-18	11:30-11:32	0.94348	1273.017752								
AUDCAD.	30-08-18	13:32-15:30			0.94632	30-08-18 13:58	636.5088761	Other	NA	Electronic	0.94623	0.94632



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	30-08-18	15:32-17:30			0.9431	30-08-18 16:03	3182.544381	Other	NA	Electronic	0.9431	0.94329
AUDCAD.	31-08-18	09:32-11:30			0.94164	31-08-18 09:44	636.5088761	Other	NA	Electronic	0.94164	0.94173
AUDCAD.	31-08-18	11:32-13:30			0.94166	31-08-18 11:53	636.5088761	Other	NA	Electronic	0.94166	0.94175
AUDCAD.	31-08-18	15:32-17:30			0.93949	31-08-18 16:13	1273.017752	Other	NA	Electronic	0.93949	0.93959
AUDCAD.	03-09-18	09:32-11:30			0.94065	03-09-18 09:54	1273.017752	Other	NA	Electronic	0.94065	0.94075
AUDCAD.	03-09-18	11:32-13:30			0.94162	03-09-18 12:12	636.5088761	Other	NA	Electronic	0.94162	0.94172
AUDCAD.	03-09-18	13:32-15:30			0.94389	03-09-18 15:00	2546.035504	Other	NA	Electronic	0.94389	0.94399
AUDCAD.	03-09-18	15:32-17:30			0.94473	03-09-18 16:00	2546.035504	Other	NA	Electronic	0.94473	0.94488
AUDCAD.	04-09-18	09:32-11:30			0.94389	04-09-18 10:27	4455.562133	Other	NA	Electronic	0.94389	0.94396
AUDCAD.	04-09-18	11:32-13:30			0.9461	04-09-18 12:07	31825.44381	Other	NA	Electronic	0.9461	0.9462
AUDCAD.	04-09-18	13:32-15:30			0.94682	04-09-18 14:41	1273.017752	Other	NA	Electronic	0.94682	0.9469
AUDCAD.	04-09-18	15:32-17:30			0.9461	04-09-18 16:22	1273.017752	Other	NA	Electronic	0.9461	0.94618
AUDCAD.	05-09-18	09:32-11:30			0.94594	05-09-18 10:04	1909.526628	Other	NA	Electronic	0.94594	0.94605
AUDCAD.	05-09-18	11:32-13:30			0.94494	05-09-18 12:00	636.5088761	Other	NA	Electronic	0.94494	0.94503
AUDCAD.	05-09-18	13:32-15:30			0.94693	05-09-18 13:53	636.5088761	Other	NA	Electronic	0.94686	0.94693

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	05-09-18	15:32-17:30			0.94891	05-09-18 16:53	636.5088761	Other	NA	Electronic	0.94891	0.949
AUDCAD.	06-09-18	09:32-11:30			0.9471	06-09-18 09:47	12730.17752	Other	NA	Electronic	0.9471	0.94718
AUDCAD.	06-09-18	11:32-13:30			0.94878	06-09-18 11:34	3182.544381	Other	NA	Electronic	0.94878	0.94889
AUDCAD.	06-09-18	13:32-15:30			0.94955	06-09-18 14:07	15912.7219	Other	NA	Electronic	0.94955	0.94964
AUDCAD.	07-09-18	09:32-11:30			0.94017	07-09-18 09:48	636.5088761	Other	NA	Electronic	0.94008	0.94017
AUDCAD.	07-09-18	11:32-13:30			0.93922	07-09-18 12:20	636.5088761	Other	NA	Electronic	0.93913	0.93922
AUDCAD.	07-09-18	15:32-17:30			0.93986	07-09-18 15:52	636.5088761	Other	NA	Electronic	0.93977	0.93986
AUDCAD.	10-09-18	09:32-11:30			0.93896	10-09-18 10:06	1273.017752	Other	NA	Electronic	0.93887	0.93896
AUDCAD.	10-09-18	11:32-13:30			0.93902	10-09-18 11:32	3182.544381	Other	NA	Electronic	0.93893	0.93902
AUDCAD.	10-09-18	15:32-17:30			0.93696	10-09-18 15:58	636.5088761	Other	NA	Electronic	0.93687	0.93696
AUDCAD.	11-09-18	09:32-11:30			0.93399	11-09-18 10:40	636.5088761	Other	NA	Electronic	0.93392	0.93399
AUDCAD.	11-09-18	13:32-15:30			0.93267	11-09-18 13:32	636.5088761	Other	NA	Electronic	0.93267	0.93272
AUDCAD.	11-09-18	15:32-17:30			0.93319	11-09-18 16:17	1909.526628	Other	NA	Electronic	0.93311	0.93319
AUDCAD.	12-09-18	11:32-13:30			0.92995	12-09-18 11:33	1273.017752	Other	NA	Electronic	0.92987	0.92995
AUDCAD.	12-09-18	13:32-15:30			0.9278	12-09-18 13:58	12730.17752	Other	NA	Electronic	0.9278	0.92886

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AUDCAD.	12-09-18	15:30-15:32	0.93268	1273.017752								
AUDCAD.	13-09-18	09:32-11:30			0.93423	13-09-18 09:32	636.5088761	Other	NA	Electronic	0.93423	0.93432
AUDCAD.	13-09-18	11:32-13:30			0.93534	13-09-18 11:33	6365.088761	Other	NA	Electronic	0.93527	0.93534
AUDCAD.	13-09-18	13:32-15:30			0.93813	13-09-18 14:00	2546.035504	Other	NA	Electronic	0.93813	0.9383
AUDCAD.	14-09-18	09:32-11:30			0.93513	14-09-18 10:59	3182.544381	Other	NA	Electronic	0.93513	0.93522
AUDCAD.	14-09-18	11:32-13:30			0.93442	14-09-18 11:46	6365.088761	Other	NA	Electronic	0.93442	0.9345
AUDCAD.	14-09-18	13:30-13:32	0.93412	1909.526628								
AUDCAD.	14-09-18	15:32-17:30			0.93406	14-09-18 16:03	636.5088761	Other	NA	Electronic	0.93396	0.93406
AUDCAD.	17-09-18	09:32-11:30			0.93449	17-09-18 09:35	1909.526628	Other	NA	Electronic	0.93441	0.93449
AUDCAD.	17-09-18	11:32-13:30			0.93521	17-09-18 13:01	636.5088761	Other	NA	Electronic	0.93521	0.93527
AUDCAD.	17-09-18	13:32-15:30			0.93542	17-09-18 14:59	636.5088761	Other	NA	Electronic	0.9354	0.93549
AUDCAD.	17-09-18	15:32-17:30			0.93566	17-09-18 16:08	636.5088761	Other	NA	Electronic	0.93557	0.93566
AUDCAD.	18-09-18	09:32-11:30			0.93804	18-09-18 10:01	636.5088761	Other	NA	Electronic	0.93796	0.93804
AUDCAD.	18-09-18	11:32-13:30			0.93704	18-09-18 12:36	1273.017752	Other	NA	Electronic	0.93695	0.93704
AUDCAD.	18-09-18	13:32-15:30			0.93679	18-09-18 14:19	636.5088761	Other	NA	Electronic	0.93679	0.93685

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	18-09-18	15:32-17:30			0.93591	18-09-18 17:00	1909.526628	Other	NA	Electronic	0.93578	0.93591
AUDCAD.	19-09-18	09:32-11:30			0.93933	19-09-18 09:46	6365.088761	Other	NA	Electronic	0.93927	0.93933
AUDCAD.	19-09-18	11:30-11:32	0.93909	636.5088761								
AUDCAD.	19-09-18	13:32-15:30			0.94074	19-09-18 13:38	636.5088761	Other	NA	Electronic	0.94066	0.94074
AUDCAD.	19-09-18	15:32-17:30			0.94139	19-09-18 15:33	3182.544381	Other	NA	Electronic	0.9413	0.94139
AUDCAD.	20-09-18	09:32-11:30			0.9379	20-09-18 09:35	12730.17752	Other	NA	Electronic	0.9379	0.93799
AUDCAD.	20-09-18	11:32-13:30			0.93935	20-09-18 11:43	636.5088761	Other	NA	Electronic	0.93926	0.93935
AUDCAD.	20-09-18	13:32-15:30			0.93906	20-09-18 13:58	3182.544381	Other	NA	Electronic	0.93906	0.93916
AUDCAD.	21-09-18	09:32-11:30			0.94132	21-09-18 09:38	1909.526628	Other	NA	Electronic	0.94123	0.94132
AUDCAD.	21-09-18	11:32-13:30			0.94049	21-09-18 11:32	1909.526628	Other	NA	Electronic	0.94049	0.94059
AUDCAD.	21-09-18	13:32-15:30			0.94003	21-09-18 13:50	1273.017752	Other	NA	Electronic	0.93996	0.94003
AUDCAD.	21-09-18	15:32-17:30			0.93957	21-09-18 16:07	636.5088761	Other	NA	Electronic	0.93948	0.93957
AUDCAD.	24-09-18	09:32-11:30			0.94105	24-09-18 09:45	15912.7219	Other	NA	Electronic	0.94095	0.94105
AUDCAD.	24-09-18	11:32-13:30			0.94109	24-09-18 11:37	636.5088761	Other	NA	Electronic	0.94109	0.94119
AUDCAD.	24-09-18	13:32-15:30			0.93903	24-09-18 14:00	2546.035504	Other	NA	Electronic	0.93888	0.93903

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCAD.	24-09-18	15:30-15:32	0.93943	636.5088761								
AUDCAD.	25-09-18	09:32-11:30			0.93867	25-09-18 10:00	636.5088761	Other	NA	Electronic	0.93867	0.93877
AUDCAD.	25-09-18	11:32-13:30			0.93977	25-09-18 12:00	3182.544381	Other	NA	Electronic	0.93977	0.93987
AUDCAD.	25-09-18	13:32-15:30			0.93966	25-09-18 13:45	3182.544381	Other	NA	Electronic	0.93957	0.93966
AUDCAD.	25-09-18	15:32-17:30			0.93873	25-09-18 15:36	1273.017752	Other	NA	Electronic	0.93866	0.93873
AUDCAD.	26-09-18	11:32-13:30			0.93935	26-09-18 12:00	2546.035504	Other	NA	Electronic	0.9392	0.93935
AUDCAD.	26-09-18	13:32-15:30			0.93938	26-09-18 13:34	3182.544381	Other	NA	Electronic	0.93929	0.93938
AUDCAD.	26-09-18	15:32-17:30			0.94197	26-09-18 17:15	636.5088761	Other	NA	Electronic	0.94197	0.94211
AUDCAD.	27-09-18	09:32-11:30			0.94427	27-09-18 10:13	3182.544381	Other	NA	Electronic	0.94427	0.94437
AUDCAD.	27-09-18	11:32-13:30			0.94412	27-09-18 11:33	9547.633142	Other	NA	Electronic	0.94412	0.94421
AUDCAD.	27-09-18	13:32-15:30			0.94293	27-09-18 13:41	3182.544381	Other	NA	Electronic	0.94293	0.94303
AUDCAD.	27-09-18	15:32-17:30			0.94041	27-09-18 15:56	636.5088761	Other	NA	Electronic	0.94041	0.94052
AUDCAD.	28-09-18	09:32-11:30			0.93856	28-09-18 10:50	636.5088761	Other	NA	Electronic	0.93846	0.93856
AUDCAD.	28-09-18	11:32-13:30			0.93879	28-09-18 11:32	636.5088761	Other	NA	Electronic	0.93868	0.93879
AUDCAD.	28-09-18	13:32-15:30			0.93596	28-09-18 13:53	636.5088761	Other	NA	Electronic	0.93596	0.93607

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AUDCADmicro	02-07-18	09:30-09:32	0.9706	63.65088761								
AUDCADmicro	02-07-18	11:30-11:32	0.96953	795.6360951								
AUDCADmicro	02-07-18	13:30-13:32	0.96837	2030.463315								
AUDCADmicro	02-07-18	15:30-15:32	0.96752	31.82544381								
AUDCADmicro	03-07-18	09:30-09:32	0.97295	63.65088761								
AUDCADmicro	03-07-18	11:30-11:32	0.97226	68106.44974								
AUDCADmicro	03-07-18	13:30-13:32	0.97117	254.6035504								
AUDCADmicro	03-07-18	15:32-17:30			0.97173	03-07-18 15:32	1273.017752	Other	NA	Electronic	0.97174	0.97204
AUDCADmicro	04-07-18	09:30-09:32	0.97114	636.5088761								
AUDCADmicro	04-07-18	11:32-13:30			0.97123	04-07-18 11:38	44.55562133	Other	NA	Electronic	0.97092	0.97123
AUDCADmicro	04-07-18	13:32-15:30			0.97085	04-07-18 13:35	318.2544381	Other	NA	Electronic	0.97052	0.97083
AUDCADmicro	04-07-18	15:32-17:30			0.97067	04-07-18 15:34	2176.860356	Other	NA	Electronic	0.97036	0.97067
AUDCADmicro	05-07-18	09:30-09:32	0.97058	63.65088761								
AUDCADmicro	05-07-18	11:30-11:32	0.97152	14003.19527								
AUDCADmicro	05-07-18	13:32-15:30			0.97106	05-07-18 13:40	57.28579885	Other	NA	Electronic	0.97106	0.97135

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AUDCADmicro	05-07-18	15:30-15:32	0.96982	3182.544381								
AUDCADmicro	06-07-18	09:30-09:32	0.97349	318.2544381								
AUDCADmicro	06-07-18	11:30-11:32	0.97357	1273.017752								
AUDCADmicro	06-07-18	13:32-15:30			0.97401	06-07-18 13:32	311.8893493	Other	NA	Electronic	0.97372	0.97401
AUDCADmicro	06-07-18	15:30-15:32	0.97195	165.4923078								
AUDCADmicro	09-07-18	09:32-11:30			0.97827	09-07-18 09:32	12.73017752	Other	NA	Electronic	0.97827	0.97854
AUDCADmicro	09-07-18	11:30-11:32	0.97762	572.8579885								
AUDCADmicro	09-07-18	13:30-13:32	0.97771	1209.366865								
AUDCADmicro	09-07-18	15:30-15:32	0.97849	25574.92664								
AUDCADmicro	10-07-18	09:32-11:30			0.97787	10-07-18 09:32	636.5088761	Other	NA	Electronic	0.97758	0.97787
AUDCADmicro	10-07-18	11:32-13:30			0.97683	10-07-18 11:35	591.9532548	Other	NA	Electronic	0.97654	0.97683
AUDCADmicro	10-07-18	13:30-13:32	0.97921	5149.356808								
AUDCADmicro	10-07-18	15:30-15:32	0.97913	70.01597637								
AUDCADmicro	11-07-18	09:32-11:30			0.97341	11-07-18 09:35	31.82544381	Other	NA	Electronic	0.97312	0.97341
AUDCADmicro	11-07-18	11:30-11:32	0.97275	763.8106513								

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AUDCADmicro	11-07-18	13:32-15:30			0.97213	11-07-18 13:37	127.3017752	Other	NA	Electronic	0.97213	0.97242
AUDCADmicro	11-07-18	15:32-17:30			0.97178	11-07-18 15:37	133.666864	Other	NA	Electronic	0.97178	0.97208
AUDCADmicro	12-07-18	09:32-11:30			0.97389	12-07-18 09:43	63.65088761	Other	NA	Electronic	0.97358	0.97389
AUDCADmicro	12-07-18	11:30-11:32	0.97347	5092.071009								
AUDCADmicro	12-07-18	13:32-15:30			0.97468	12-07-18 13:38	6.365088761	Other	NA	Electronic	0.97441	0.97468
AUDCADmicro	12-07-18	15:32-17:30			0.97569	12-07-18 15:35	50.92071009	Other	NA	Electronic	0.97569	0.97599
AUDCADmicro	13-07-18	09:32-11:30			0.97324	13-07-18 09:38	1909.526628	Other	NA	Electronic	0.97293	0.97323
AUDCADmicro	13-07-18	11:32-13:30			0.97341	13-07-18 11:40	381.9053257	Other	NA	Electronic	0.97312	0.97341
AUDCADmicro	13-07-18	13:30-13:32	0.97464	661.9692312								
AUDCADmicro	13-07-18	15:30-15:32	0.9761	25829.53019								
AUDCADmicro	16-07-18	09:32-11:30			0.97761	16-07-18 09:41	318.2544381	Other	NA	Electronic	0.97761	0.97791
AUDCADmicro	16-07-18	11:30-11:32	0.97711	381.9053257								
AUDCADmicro	16-07-18	13:32-15:30			0.97572	16-07-18 13:36	19.09526628	Other	NA	Electronic	0.97547	0.97573
AUDCADmicro	16-07-18	15:32-17:30			0.97378	16-07-18 15:32	63.65088761	Other	NA	Electronic	0.97378	0.97407
AUDCADmicro	17-07-18	09:32-11:30			0.97437	17-07-18 09:33	3182.544381	Other	NA	Electronic	0.97408	0.97437



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	17-07-18	11:32-13:30			0.97377	17-07-18 11:34	31.82544381	Other	NA	Electronic	0.97377	0.97408
AUDCADmicro	17-07-18	13:32-15:30			0.97424	17-07-18 13:36	63.65088761	Other	NA	Electronic	0.97424	0.97452
AUDCADmicro	17-07-18	15:32-17:30			0.97506	17-07-18 15:32	63.65088761	Other	NA	Electronic	0.97505	0.97535
AUDCADmicro	18-07-18	09:30-09:32	0.97405	12736.54261								
AUDCADmicro	18-07-18	11:32-13:30			0.9738	18-07-18 11:37	636.5088761	Other	NA	Electronic	0.9738	0.97409
AUDCADmicro	18-07-18	13:30-13:32	0.97462	509.2071009								
AUDCADmicro	18-07-18	15:30-15:32	0.97583	636.5088761								
AUDCADmicro	19-07-18	09:30-09:32	0.97256	776.5408289								
AUDCADmicro	19-07-18	11:32-13:30			0.97182	19-07-18 11:33	636.5088761	Other	NA	Electronic	0.97182	0.9721
AUDCADmicro	19-07-18	13:30-13:32	0.97185	6.365088761								
AUDCADmicro	19-07-18	15:30-15:32	0.97275	579.2230773								
AUDCADmicro	20-07-18	09:32-11:30			0.97668	20-07-18 09:33	636.5088761	Other	NA	Electronic	0.97639	0.97668
AUDCADmicro	20-07-18	11:30-11:32	0.9763	197.3177516								
AUDCADmicro	20-07-18	13:30-13:32	0.97364	127.3017752								
AUDCADmicro	20-07-18	15:32-17:30			0.97338	20-07-18 15:36	471.0165683	Other	NA	Electronic	0.97308	0.97338

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AUDCADmicro	23-07-18	09:30-09:32	0.97335	159.127219								
AUDCADmicro	23-07-18	11:32-13:30			0.97306	23-07-18 12:01	101.8414202	Other	NA	Electronic	0.97279	0.97306
AUDCADmicro	23-07-18	13:32-15:30			0.97119	23-07-18 13:37	127.3017752	Other	NA	Electronic	0.97119	0.97147
AUDCADmicro	23-07-18	15:32-17:30			0.97059	23-07-18 15:38	572.8579885	Other	NA	Electronic	0.9703	0.97059
AUDCADmicro	24-07-18	09:30-09:32	0.97241	3188.909469								
AUDCADmicro	24-07-18	11:32-13:30			0.97415	24-07-18 11:32	3182.544381	Other	NA	Electronic	0.97387	0.97415
AUDCADmicro	24-07-18	13:30-13:32	0.97499	63.65088761								
AUDCADmicro	24-07-18	15:30-15:32	0.97652	591.9532548								
AUDCADmicro	25-07-18	09:32-11:30			0.97502	25-07-18 09:44	636.5088761	Other	NA	Electronic	0.97472	0.97502
AUDCADmicro	25-07-18	11:30-11:32	0.97281	2526.940238								
AUDCADmicro	25-07-18	13:30-13:32	0.97236	159.127219								
AUDCADmicro	25-07-18	15:30-15:32	0.97158	954.7633142								
AUDCADmicro	26-07-18	09:30-09:32	0.9693	133.666864								
AUDCADmicro	26-07-18	11:30-11:32	0.96811	57.28579885								
AUDCADmicro	26-07-18	13:30-13:32	0.96656	57.28579885								

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AUDCADmicro	26-07-18	15:30-15:32	0.96637	509.2071009								
AUDCADmicro	27-07-18	09:32-11:30			0.96418	27-07-18 09:41	127.3017752	Other	NA	Electronic	0.96388	0.96418
AUDCADmicro	27-07-18	11:30-11:32	0.96405	1909.526628								
AUDCADmicro	27-07-18	13:30-13:32	0.96638	184.5875741								
AUDCADmicro	27-07-18	15:32-17:30			0.96688	27-07-18 15:34	1273.017752	Other	NA	Electronic	0.96688	0.96718
AUDCADmicro	30-07-18	09:30-09:32	0.96655	95.47633142								
AUDCADmicro	30-07-18	11:30-11:32	0.96535	63.65088761								
AUDCADmicro	30-07-18	13:32-15:30			0.96452	30-07-18 13:34	63.65088761	Other	NA	Electronic	0.96452	0.9648
AUDCADmicro	30-07-18	15:32-17:30			0.96414	30-07-18 15:34	1273.017752	Other	NA	Electronic	0.96383	0.96411
AUDCADmicro	31-07-18	09:30-09:32	0.96787	31.82544381								
AUDCADmicro	31-07-18	11:32-13:30			0.96809	31-07-18 11:36	63.65088761	Other	NA	Electronic	0.96811	0.96839
AUDCADmicro	31-07-18	13:30-13:32	0.96842	770.1757401								
AUDCADmicro	31-07-18	15:30-15:32	0.96806	1336.66864								
AUDCADmicro	01-08-18	09:30-09:32	0.96495	63.65088761								
AUDCADmicro	01-08-18	11:32-13:30			0.96563	01-08-18 11:33	159.127219	Other	NA	Electronic	0.96563	0.9659

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AUDCADmicro	01-08-18	13:32-15:30			0.96415	01-08-18 13:34	445.5562133	Other	NA	Electronic	0.96388	0.96415
AUDCADmicro	01-08-18	15:32-17:30			0.96215	01-08-18 15:37	6.365088761	Other	NA	Electronic	0.96215	0.96241
AUDCADmicro	02-08-18	09:30-09:32	0.95958	585.588166								
AUDCADmicro	02-08-18	11:32-13:30			0.95946	02-08-18 11:35	6.365088761	Other	NA	Electronic	0.95919	0.95946
AUDCADmicro	02-08-18	13:30-13:32	0.9602	6.365088761								
AUDCADmicro	02-08-18	15:32-17:30			0.95965	02-08-18 15:35	3895.434322	Other	NA	Electronic	0.95938	0.95965
AUDCADmicro	03-08-18	09:32-11:30			0.95845	03-08-18 09:46	12.73017752	Other	NA	Electronic	0.95845	0.95867
AUDCADmicro	03-08-18	11:30-11:32	0.96115	12774.73314								
AUDCADmicro	03-08-18	13:32-15:30			0.95967	03-08-18 13:33	1273.017752	Other	NA	Electronic	0.95941	0.95967
AUDCADmicro	03-08-18	15:32-17:30			0.96118	03-08-18 15:32	63.65088761	Other	NA	Electronic	0.96091	0.96118
AUDCADmicro	06-08-18	09:30-09:32	0.96212	1273.017752								
AUDCADmicro	06-08-18	11:30-11:32	0.96143	89.11124266								
AUDCADmicro	06-08-18	13:30-13:32	0.96175	6.365088761								
AUDCADmicro	06-08-18	15:32-17:30			0.96106	06-08-18 15:48	95.47633142	Other	NA	Electronic	0.9608	0.96106
AUDCADmicro	07-08-18	09:30-09:32	0.96391	318.2544381								

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AUDCADmicro	07-08-18	11:30-11:32	0.96392	318.2544381								
AUDCADmicro	07-08-18	13:30-13:32	0.96524	10604.23788								
AUDCADmicro	07-08-18	15:32-17:30			0.96637	07-08-18 15:32	821.0964502	Other	NA	Electronic	0.96637	0.96666
AUDCADmicro	08-08-18	09:32-11:30			0.96971	08-08-18 09:36	267.333728	Other	NA	Electronic	0.96942	0.96971
AUDCADmicro	08-08-18	11:32-13:30			0.96948	08-08-18 11:49	63.65088761	Other	NA	Electronic	0.96948	0.96976
AUDCADmicro	08-08-18	13:32-15:30			0.9669	08-08-18 13:32	7561.725448	Other	NA	Electronic	0.96655	0.9669
AUDCADmicro	08-08-18	15:32-17:30			0.9695	08-08-18 15:33	1909.526628	Other	NA	Electronic	0.96921	0.9695
AUDCADmicro	09-08-18	09:30-09:32	0.96595	636.5088761								
AUDCADmicro	09-08-18	11:32-13:30			0.96689	09-08-18 12:15	6.365088761	Other	NA	Electronic	0.96689	0.96722
AUDCADmicro	09-08-18	13:32-15:30			0.96557	09-08-18 13:33	12.73017752	Other	NA	Electronic	0.96528	0.96557
AUDCADmicro	09-08-18	15:30-15:32	0.9645	1973.177516								
AUDCADmicro	10-08-18	09:30-09:32	0.95779	1120.255622								
AUDCADmicro	10-08-18	11:32-13:30			0.95731	10-08-18 11:59	63.65088761	Other	NA	Electronic	0.95701	0.95731
AUDCADmicro	10-08-18	13:30-13:32	0.95476	5098.436098								
AUDCADmicro	10-08-18	15:32-17:30			0.95724	10-08-18 15:34	63.65088761	Other	NA	Electronic	0.95724	0.95753

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AUDCADmicro	13-08-18	09:30-09:32	0.95637	1915.891717								
AUDCADmicro	13-08-18	11:32-13:30			0.95627	13-08-18 11:44	12730.17752	Other	NA	Electronic	0.95598	0.95627
AUDCADmicro	13-08-18	13:32-15:30			0.9571	13-08-18 13:35	127.3017752	Other	NA	Electronic	0.9568	0.9571
AUDCADmicro	13-08-18	15:32-17:30			0.95459	13-08-18 15:35	63.65088761	Other	NA	Electronic	0.95459	0.95488
AUDCADmicro	14-08-18	09:32-11:30			0.95085	14-08-18 09:38	3819.053257	Other	NA	Electronic	0.95085	0.95119
AUDCADmicro	14-08-18	11:32-13:30			0.95003	14-08-18 11:43	6.365088761	Other	NA	Electronic	0.95003	0.95031
AUDCADmicro	14-08-18	13:32-15:30			0.94988	14-08-18 13:32	127.3017752	Other	NA	Electronic	0.9496	0.94988
AUDCADmicro	14-08-18	15:32-17:30			0.94871	14-08-18 15:32	12.73017752	Other	NA	Electronic	0.94843	0.94872
AUDCADmicro	15-08-18	09:32-11:30			0.94569	15-08-18 09:35	3182.544381	Other	NA	Electronic	0.9454	0.94569
AUDCADmicro	15-08-18	11:32-13:30			0.94594	15-08-18 11:36	190.9526628	Other	NA	Electronic	0.94594	0.94623
AUDCADmicro	15-08-18	13:30-13:32	0.94801	9929.538467								
AUDCADmicro	15-08-18	15:30-15:32	0.95137	1273.017752								
AUDCADmicro	16-08-18	09:32-11:30			0.95435	16-08-18 09:35	12.73017752	Other	NA	Electronic	0.95435	0.95461
AUDCADmicro	16-08-18	11:32-13:30			0.95513	16-08-18 11:33	700.1597637	Other	NA	Electronic	0.95513	0.9554
AUDCADmicro	16-08-18	13:30-13:32	0.95635	2546.035504								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	16-08-18	15:32-17:30			0.95669	16-08-18 15:34	6.365088761	Other	NA	Electronic	0.95639	0.95669
AUDCADmicro	17-08-18	09:32-11:30			0.9556	17-08-18 09:34	413.7307695	Other	NA	Electronic	0.9556	0.95587
AUDCADmicro	17-08-18	11:32-13:30			0.95584	17-08-18 12:04	2488.749706	Other	NA	Electronic	0.95555	0.95584
AUDCADmicro	17-08-18	13:32-15:30			0.9526	17-08-18 13:36	6.365088761	Other	NA	Electronic	0.95231	0.9526
AUDCADmicro	17-08-18	15:30-15:32	0.95287	6365.088761								
AUDCADmicro	20-08-18	09:32-11:30			0.9553	20-08-18 09:33	63.65088761	Other	NA	Electronic	0.95501	0.9553
AUDCADmicro	20-08-18	11:32-13:30			0.95526	20-08-18 11:45	19.09526628	Other	NA	Electronic	0.95495	0.95526
AUDCADmicro	20-08-18	13:32-15:30			0.95516	20-08-18 13:40	31.82544381	Other	NA	Electronic	0.95516	0.95545
AUDCADmicro	20-08-18	15:30-15:32	0.95516	63.65088761								
AUDCADmicro	21-08-18	09:32-11:30			0.95811	21-08-18 09:46	63.65088761	Other	NA	Electronic	0.95811	0.95838
AUDCADmicro	21-08-18	11:32-13:30			0.95778	21-08-18 11:37	2546.035504	Other	NA	Electronic	0.95778	0.95808
AUDCADmicro	21-08-18	13:30-13:32	0.95799	3010.686984								
AUDCADmicro	21-08-18	15:32-17:30			0.95924	21-08-18 15:32	6.365088761	Other	NA	Electronic	0.95924	0.95953
AUDCADmicro	22-08-18	09:32-11:30			0.95638	22-08-18 09:41	63.65088761	Other	NA	Electronic	0.95638	0.95668
AUDCADmicro	22-08-18	11:30-11:32	0.95819	12.73017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	22-08-18	13:32-15:30			0.9571	22-08-18 13:41	31.82544381	Other	NA	Electronic	0.9571	0.9574
AUDCADmicro	22-08-18	15:30-15:32	0.95715	63.65088761								
AUDCADmicro	23-08-18	09:30-09:32	0.95075	127.3017752								
AUDCADmicro	23-08-18	11:32-13:30			0.95054	23-08-18 11:38	3182.544381	Other	NA	Electronic	0.95027	0.95054
AUDCADmicro	23-08-18	13:30-13:32	0.94943	254.6035504								
AUDCADmicro	23-08-18	15:32-17:30			0.94825	23-08-18 15:41	254.6035504	Other	NA	Electronic	0.94825	0.94854
AUDCADmicro	24-08-18	09:32-11:30			0.9522	24-08-18 10:07	674.6994087	Other	NA	Electronic	0.95191	0.9522
AUDCADmicro	24-08-18	11:30-11:32	0.95392	6059.564501								
AUDCADmicro	24-08-18	13:30-13:32	0.95432	636.5088761								
AUDCADmicro	24-08-18	15:32-17:30			0.95514	24-08-18 15:35	63.65088761	Other	NA	Electronic	0.95514	0.95542
AUDCADmicro	27-08-18	09:32-11:30			0.95229	27-08-18 09:32	2546.035504	Other	NA	Electronic	0.95229	0.95258
AUDCADmicro	27-08-18	11:30-11:32	0.95474	63.65088761								
AUDCADmicro	27-08-18	13:32-15:30			0.95526	27-08-18 13:41	381.9053257	Other	NA	Electronic	0.95498	0.95526
AUDCADmicro	27-08-18	15:30-15:32	0.95338	12.73017752								
AUDCADmicro	28-08-18	09:32-11:30			0.95146	28-08-18 09:43	190.9526628	Other	NA	Electronic	0.95118	0.95146



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	28-08-18	11:32-13:30			0.95022	28-08-18 11:37	2546.035504	Other	NA	Electronic	0.95022	0.9505
AUDCADmicro	28-08-18	13:32-15:30			0.94898	28-08-18 13:40	318.2544381	Other	NA	Electronic	0.94898	0.94925
AUDCADmicro	28-08-18	15:30-15:32	0.94939	25.46035504								
AUDCADmicro	29-08-18	09:32-11:30			0.94481	29-08-18 09:35	636.5088761	Other	NA	Electronic	0.94452	0.94481
AUDCADmicro	29-08-18	11:32-13:30			0.94408	29-08-18 12:01	127.3017752	Other	NA	Electronic	0.94408	0.94435
AUDCADmicro	29-08-18	13:32-15:30			0.94271	29-08-18 13:34	6.365088761	Other	NA	Electronic	0.94271	0.943
AUDCADmicro	29-08-18	15:30-15:32	0.94441	31.82544381								
AUDCADmicro	30-08-18	09:32-11:30			0.94298	30-08-18 09:34	190.9526628	Other	NA	Electronic	0.94298	0.94328
AUDCADmicro	30-08-18	11:32-13:30			0.94353	30-08-18 11:54	254.6035504	Other	NA	Electronic	0.94325	0.94353
AUDCADmicro	30-08-18	13:32-15:30			0.94596	30-08-18 13:32	700.1597637	Other	NA	Electronic	0.94596	0.94625
AUDCADmicro	30-08-18	15:30-15:32	0.94406	63.65088761								
AUDCADmicro	31-08-18	09:32-11:30			0.9414	31-08-18 09:36	127.3017752	Other	NA	Electronic	0.9414	0.94169
AUDCADmicro	31-08-18	11:30-11:32	0.93967	12.73017752								
AUDCADmicro	31-08-18	13:32-15:30			0.94183	31-08-18 13:38	25.46035504	Other	NA	Electronic	0.94154	0.94183
AUDCADmicro	31-08-18	15:30-15:32	0.94216	1928.621895								

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AUDCADmicro	03-09-18	09:32-11:30			0.94102	03-09-18 09:34	31.82544381	Other	NA	Electronic	0.94102	0.9413
AUDCADmicro	03-09-18	11:32-13:30			0.94141	03-09-18 11:37	445.5562133	Other	NA	Electronic	0.94112	0.94141
AUDCADmicro	03-09-18	13:30-13:32	0.94332	216.4130179								
AUDCADmicro	03-09-18	15:32-17:30			0.94444	03-09-18 15:34	19.09526628	Other	NA	Electronic	0.94415	0.94444
AUDCADmicro	04-09-18	09:32-11:30			0.94325	04-09-18 09:45	31.82544381	Other	NA	Electronic	0.94296	0.94325
AUDCADmicro	04-09-18	11:30-11:32	0.94501	12.73017752								
AUDCADmicro	04-09-18	13:32-15:30			0.94609	04-09-18 13:38	636.5088761	Other	NA	Electronic	0.94609	0.94635
AUDCADmicro	04-09-18	15:32-17:30			0.94624	04-09-18 15:40	95.47633142	Other	NA	Electronic	0.94624	0.94653
AUDCADmicro	05-09-18	09:32-11:30			0.9456	05-09-18 09:45	127.3017752	Other	NA	Electronic	0.94531	0.9456
AUDCADmicro	05-09-18	11:32-13:30			0.94508	05-09-18 12:06	1909.526628	Other	NA	Electronic	0.94508	0.94536
AUDCADmicro	05-09-18	13:32-15:30			0.94664	05-09-18 13:35	6.365088761	Other	NA	Electronic	0.94638	0.94664
AUDCADmicro	05-09-18	15:30-15:32	0.94834	8650.155626								
AUDCADmicro	06-09-18	09:30-09:32	0.94759	6689.708288								
AUDCADmicro	06-09-18	11:32-13:30			0.949	06-09-18 11:33	254.6035504	Other	NA	Electronic	0.94871	0.949
AUDCADmicro	06-09-18	13:30-13:32	0.94879	127.3017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	06-09-18	15:30-15:32	0.95086	63.65088761								
AUDCADmicro	07-09-18	09:30-09:32	0.93999	63.65088761								
AUDCADmicro	07-09-18	11:32-13:30			0.93973	07-09-18 11:54	63.65088761	Other	NA	Electronic	0.93945	0.93973
AUDCADmicro	07-09-18	13:32-15:30			0.93963	07-09-18 13:35	254.6035504	Other	NA	Electronic	0.93963	0.93991
AUDCADmicro	07-09-18	15:32-17:30			0.93985	07-09-18 15:45	63.65088761	Other	NA	Electronic	0.93957	0.93985
AUDCADmicro	10-09-18	09:32-11:30			0.93848	10-09-18 09:32	2558.765682	Other	NA	Electronic	0.93821	0.93848
AUDCADmicro	10-09-18	11:32-13:30			0.9387	10-09-18 11:48	6.365088761	Other	NA	Electronic	0.9387	0.93897
AUDCADmicro	10-09-18	13:30-13:32	0.93721	127.3017752								
AUDCADmicro	10-09-18	15:32-17:30			0.93686	10-09-18 15:35	63.65088761	Other	NA	Electronic	0.93686	0.93715
AUDCADmicro	11-09-18	09:32-11:30			0.93467	11-09-18 09:35	636.5088761	Other	NA	Electronic	0.93467	0.93494
AUDCADmicro	11-09-18	11:32-13:30			0.93454	11-09-18 11:37	3182.544381	Other	NA	Electronic	0.93426	0.93454
AUDCADmicro	11-09-18	13:30-13:32	0.93286	1336.66864								
AUDCADmicro	11-09-18	15:30-15:32	0.93235	10820.65089								
AUDCADmicro	12-09-18	09:32-11:30			0.92978	12-09-18 09:40	636.5088761	Other	NA	Electronic	0.92951	0.92978
AUDCADmicro	12-09-18	11:32-13:30			0.93013	12-09-18 11:33	12.73017752	Other	NA	Electronic	0.92984	0.93013

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AUDCADmicro	12-09-18	13:30-13:32	0.93037	222.7781066								
AUDCADmicro	12-09-18	15:30-15:32	0.93248	770.1757401								
AUDCADmicro	13-09-18	09:32-11:30			0.93497	13-09-18 09:38	318.2544381	Other	NA	Electronic	0.9347	0.93497
AUDCADmicro	13-09-18	11:32-13:30			0.93504	13-09-18 11:32	254.6035504	Other	NA	Electronic	0.93504	0.93531
AUDCADmicro	13-09-18	13:30-13:32	0.93805	1400.319527								
AUDCADmicro	13-09-18	15:32-17:30			0.93536	13-09-18 15:40	63.65088761	Other	NA	Electronic	0.93536	0.93565
AUDCADmicro	14-09-18	09:30-09:32	0.9361	12730.17752								
AUDCADmicro	14-09-18	11:30-11:32	0.93473	159.127219								
AUDCADmicro	14-09-18	13:30-13:32	0.93442	63.65088761								
AUDCADmicro	14-09-18	15:32-17:30			0.93536	14-09-18 15:44	12730.17752	Other	NA	Electronic	0.93536	0.93564
AUDCADmicro	17-09-18	09:30-09:32	0.93434	1463.970415								
AUDCADmicro	17-09-18	11:32-13:30			0.93495	17-09-18 11:39	63.65088761	Other	NA	Electronic	0.93466	0.93495
AUDCADmicro	17-09-18	13:32-15:30			0.93565	17-09-18 13:46	1273.017752	Other	NA	Electronic	0.93537	0.93565
AUDCADmicro	17-09-18	15:32-17:30			0.93581	17-09-18 15:43	95.47633142	Other	NA	Electronic	0.93554	0.93581
AUDCADmicro	18-09-18	09:32-11:30			0.93879	18-09-18 09:37	509.2071009	Other	NA	Electronic	0.93879	0.93907

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AUDCADmicro	18-09-18	11:32-13:30			0.9381	18-09-18 11:32	636.5088761	Other	NA	Electronic	0.93784	0.9381
AUDCADmicro	18-09-18	13:32-15:30			0.93711	18-09-18 13:39	318.2544381	Other	NA	Electronic	0.93684	0.93711
AUDCADmicro	18-09-18	15:32-17:30			0.93674	18-09-18 15:41	127.3017752	Other	NA	Electronic	0.93646	0.93674
AUDCADmicro	19-09-18	09:32-11:30			0.93961	19-09-18 09:35	19.09526628	Other	NA	Electronic	0.93934	0.93961
AUDCADmicro	19-09-18	11:32-13:30			0.93909	19-09-18 11:51	63.65088761	Other	NA	Electronic	0.93909	0.93935
AUDCADmicro	19-09-18	13:32-15:30			0.94032	19-09-18 13:32	127.3017752	Other	NA	Electronic	0.94032	0.9406
AUDCADmicro	19-09-18	15:32-17:30			0.94132	19-09-18 15:32	127.3017752	Other	NA	Electronic	0.94105	0.94132
AUDCADmicro	20-09-18	09:32-11:30			0.93794	20-09-18 09:34	63.65088761	Other	NA	Electronic	0.93794	0.93823
AUDCADmicro	20-09-18	11:32-13:30			0.93939	20-09-18 11:34	318.2544381	Other	NA	Electronic	0.93909	0.93939
AUDCADmicro	20-09-18	13:32-15:30			0.93874	20-09-18 13:34	89.11124266	Other	NA	Electronic	0.93874	0.93903
AUDCADmicro	20-09-18	15:32-17:30			0.939	20-09-18 15:41	89.11124266	Other	NA	Electronic	0.939	0.9393
AUDCADmicro	21-09-18	09:30-09:32	0.94103	25.46035504								
AUDCADmicro	21-09-18	11:30-11:32	0.94022	12730.17752								
AUDCADmicro	21-09-18	13:32-15:30			0.93874	21-09-18 13:32	12.73017752	Other	NA	Electronic	0.93874	0.93902
AUDCADmicro	21-09-18	15:32-17:30			0.94054	21-09-18 15:37	12.73017752	Other	NA	Electronic	0.94026	0.94054

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AUDCADmicro	24-09-18	09:32-11:30			0.94133	24-09-18 09:33	190.9526628	Other	NA	Electronic	0.94133	0.94162
AUDCADmicro	24-09-18	11:32-13:30			0.9413	24-09-18 11:38	3182.544381	Other	NA	Electronic	0.94101	0.9413
AUDCADmicro	24-09-18	13:32-15:30			0.93942	24-09-18 13:50	95.47633142	Other	NA	Electronic	0.93914	0.93942
AUDCADmicro	24-09-18	15:30-15:32	0.93953	127.3017752								
AUDCADmicro	25-09-18	09:32-11:30			0.93855	25-09-18 09:40	273.6988167	Other	NA	Electronic	0.93855	0.93884
AUDCADmicro	25-09-18	11:32-13:30			0.94044	25-09-18 11:32	190.9526628	Other	NA	Electronic	0.94016	0.94044
AUDCADmicro	25-09-18	13:32-15:30			0.93991	25-09-18 13:41	63.65088761	Other	NA	Electronic	0.93965	0.93991
AUDCADmicro	25-09-18	15:32-17:30			0.93816	25-09-18 15:48	190.9526628	Other	NA	Electronic	0.93816	0.93846
AUDCADmicro	26-09-18	09:32-11:30			0.94001	26-09-18 09:32	63.65088761	Other	NA	Electronic	0.93976	0.94001
AUDCADmicro	26-09-18	11:32-13:30			0.94019	26-09-18 11:36	2546.035504	Other	NA	Electronic	0.93992	0.94019
AUDCADmicro	26-09-18	13:32-15:30			0.93934	26-09-18 13:37	63.65088761	Other	NA	Electronic	0.93934	0.93962
AUDCADmicro	26-09-18	15:32-17:30			0.94109	26-09-18 16:05	63.65088761	Other	NA	Electronic	0.9408	0.94109
AUDCADmicro	27-09-18	09:32-11:30			0.94441	27-09-18 09:38	63.65088761	Other	NA	Electronic	0.94414	0.94441
AUDCADmicro	27-09-18	11:32-13:30			0.94444	27-09-18 11:32	12.73017752	Other	NA	Electronic	0.94416	0.94444
AUDCADmicro	27-09-18	13:30-13:32	0.94273	254.6035504								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCADmicro	27-09-18	15:32-17:30			0.94118	27-09-18 15:36	63.65088761	Other	NA	Electronic	0.94085	0.94118
AUDCADmicro	28-09-18	09:32-11:30			0.93951	28-09-18 09:46	38.19053257	Other	NA	Electronic	0.93922	0.93951
AUDCADmicro	28-09-18	11:32-13:30			0.93848	28-09-18 11:39	2546.035504	Other	NA	Electronic	0.93848	0.93876
AUDCADmicro	28-09-18	13:30-13:32	0.93711	63.65088761								
AUDCADmicro	28-09-18	15:32-17:30			0.93461	28-09-18 15:39	3182.544381	Other	NA	Electronic	0.93461	0.93493
AUDCHF	02-07-18	09:32-11:30			0.73118	02-07-18 10:07	3182.544381	Other	NA	Electronic	0.73118	0.73151
AUDCHF	02-07-18	11:32-13:30			0.73091	02-07-18 11:48	636.5088761	Other	NA	Electronic	0.73091	0.73121
AUDCHF	02-07-18	13:32-15:30			0.73053	02-07-18 13:34	3182.544381	Other	NA	Electronic	0.73053	0.73087
AUDCHF	02-07-18	15:30-15:32	0.72867	1273.017752								
AUDCHF	03-07-18	09:30-09:32	0.73406	7001.597637								
AUDCHF	03-07-18	11:32-13:30			0.7342	03-07-18 11:41	636.5088761	Other	NA	Electronic	0.7342	0.73453
AUDCHF	03-07-18	13:32-15:30			0.73391	03-07-18 13:35	636.5088761	Other	NA	Electronic	0.73357	0.73391
AUDCHF	03-07-18	15:32-17:30			0.73261	03-07-18 15:37	6365.088761	Other	NA	Electronic	0.73228	0.73261
AUDCHF	04-07-18	09:32-11:30			0.73323	04-07-18 09:46	7001.597637	Other	NA	Electronic	0.73289	0.73323
AUDCHF	04-07-18	11:32-13:30			0.73285	04-07-18 12:34	636.5088761	Other	NA	Electronic	0.73285	0.73318

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	04-07-18	13:32-15:30			0.73322	04-07-18 14:09	1273.017752	Other	NA	Electronic	0.73289	0.73322
AUDCHF	04-07-18	15:32-17:30			0.73358	04-07-18 16:22	1273.017752	Other	NA	Electronic	0.73325	0.73358
AUDCHF	05-07-18	09:32-11:30			0.73287	05-07-18 10:07	3182.544381	Other	NA	Electronic	0.73287	0.73319
AUDCHF	05-07-18	11:32-13:30			0.73363	05-07-18 11:32	3182.544381	Other	NA	Electronic	0.73329	0.73363
AUDCHF	05-07-18	13:32-15:30			0.73406	05-07-18 13:41	95476.33142	Other	NA	Electronic	0.73406	0.7344
AUDCHF	05-07-18	15:30-15:32	0.73284	6365.088761								
AUDCHF	06-07-18	09:32-11:30			0.73528	06-07-18 09:39	12730.17752	Other	NA	Electronic	0.73528	0.73562
AUDCHF	06-07-18	11:32-13:30			0.73593	06-07-18 11:56	636.5088761	Other	NA	Electronic	0.7356	0.73593
AUDCHF	06-07-18	13:32-15:30			0.73419	06-07-18 13:33	636.5088761	Other	NA	Electronic	0.73387	0.73419
AUDCHF	06-07-18	15:32-17:30			0.73508	06-07-18 15:50	1273.017752	Other	NA	Electronic	0.73475	0.73508
AUDCHF	09-07-18	09:32-11:30			0.73901	09-07-18 09:32	636.5088761	Other	NA	Electronic	0.73872	0.739
AUDCHF	09-07-18	11:32-13:30			0.73844	09-07-18 11:32	636.5088761	Other	NA	Electronic	0.73844	0.73875
AUDCHF	09-07-18	13:30-13:32	0.73939	13366.6864								
AUDCHF	09-07-18	15:32-17:30			0.74005	09-07-18 15:32	1909.526628	Other	NA	Electronic	0.74005	0.74038
AUDCHF	10-07-18	09:32-11:30			0.73948	10-07-18 09:34	9547.633142	Other	NA	Electronic	0.73914	0.73948



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	10-07-18	11:32-13:30			0.73976	10-07-18 11:47	19095.26628	Other	NA	Electronic	0.73943	0.73976
AUDCHF	10-07-18	13:32-15:30			0.74088	10-07-18 13:54	636.5088761	Other	NA	Electronic	0.74056	0.74088
AUDCHF	10-07-18	15:32-17:30			0.74115	10-07-18 15:33	15912.7219	Other	NA	Electronic	0.74082	0.74115
AUDCHF	11-07-18	09:32-11:30			0.73472	11-07-18 09:33	636.5088761	Other	NA	Electronic	0.73472	0.73506
AUDCHF	11-07-18	11:32-13:30			0.73489	11-07-18 12:01	19095.26628	Other	NA	Electronic	0.73459	0.73489
AUDCHF	11-07-18	13:30-13:32	0.73321	636.5088761								
AUDCHF	11-07-18	15:32-17:30			0.73515	11-07-18 15:45	6365.088761	Other	NA	Electronic	0.7348	0.73515
AUDCHF	12-07-18	09:30-09:32	0.73595	15912.7219								
AUDCHF	12-07-18	11:30-11:32	0.73673	1273.017752								
AUDCHF	12-07-18	13:30-13:32	0.74044	7001.597637								
AUDCHF	12-07-18	15:32-17:30			0.74193	12-07-18 15:32	3182.544381	Other	NA	Electronic	0.74193	0.74227
AUDCHF	13-07-18	09:32-11:30			0.74099	13-07-18 09:33	636.5088761	Other	NA	Electronic	0.74065	0.74099
AUDCHF	13-07-18	11:32-13:30			0.74139	13-07-18 11:35	636.5088761	Other	NA	Electronic	0.74139	0.7417
AUDCHF	13-07-18	13:32-15:30			0.7431	13-07-18 13:37	3182.544381	Other	NA	Electronic	0.74276	0.7431
AUDCHF	13-07-18	15:32-17:30			0.74278	13-07-18 15:50	1273.017752	Other	NA	Electronic	0.74278	0.7431

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	16-07-18	09:32-11:30			0.7431	16-07-18 10:18	1273.017752	Other	NA	Electronic	0.7431	0.74344
AUDCHF	16-07-18	11:30-11:32	0.74139	636.5088761								
AUDCHF	16-07-18	13:32-15:30			0.74076	16-07-18 13:47	6365.088761	Other	NA	Electronic	0.74076	0.74108
AUDCHF	16-07-18	15:30-15:32	0.74029	1909.526628								
AUDCHF	17-07-18	09:30-09:32	0.73858	15276.21303								
AUDCHF	17-07-18	11:30-11:32	0.7368	1909.526628								
AUDCHF	17-07-18	13:30-13:32	0.73689	1273.017752								
AUDCHF	17-07-18	15:32-17:30			0.73852	17-07-18 15:57	636.5088761	Other	NA	Electronic	0.73819	0.73852
AUDCHF	18-07-18	09:30-09:32	0.73663	12730.17752								
AUDCHF	18-07-18	11:32-13:30			0.7359	18-07-18 11:35	636.5088761	Other	NA	Electronic	0.73557	0.7359
AUDCHF	18-07-18	13:32-15:30			0.73579	18-07-18 13:34	636.5088761	Other	NA	Electronic	0.73579	0.73609
AUDCHF	18-07-18	15:32-17:30			0.73805	18-07-18 15:32	7638.106513	Other	NA	Electronic	0.73805	0.73839
AUDCHF	19-07-18	09:32-11:30			0.73678	19-07-18 09:36	636.5088761	Other	NA	Electronic	0.73646	0.73678
AUDCHF	19-07-18	11:32-13:30			0.73604	19-07-18 11:53	1273.017752	Other	NA	Electronic	0.73571	0.73604
AUDCHF	19-07-18	13:30-13:32	0.73581	1909.526628								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	19-07-18	15:30-15:32	0.73399	8911.124266								
AUDCHF	20-07-18	09:32-11:30			0.73669	20-07-18 09:39	1273.017752	Other	NA	Electronic	0.73638	0.73669
AUDCHF	20-07-18	11:32-13:30			0.73651	20-07-18 12:47	636.5088761	Other	NA	Electronic	0.73617	0.73651
AUDCHF	20-07-18	13:32-15:30			0.73747	20-07-18 13:32	6365.088761	Other	NA	Electronic	0.73718	0.7375
AUDCHF	20-07-18	15:32-17:30			0.73653	20-07-18 15:55	636.5088761	Other	NA	Electronic	0.73653	0.73686
AUDCHF	23-07-18	09:32-11:30			0.73491	23-07-18 09:35	1273.017752	Other	NA	Electronic	0.73457	0.73491
AUDCHF	23-07-18	11:32-13:30			0.73397	23-07-18 11:34	636.5088761	Other	NA	Electronic	0.73397	0.7343
AUDCHF	23-07-18	13:30-13:32	0.73236	636.5088761								
AUDCHF	23-07-18	15:32-17:30			0.73279	23-07-18 16:19	31825.44381	Other	NA	Electronic	0.73279	0.73313
AUDCHF	24-07-18	09:30-09:32	0.73414	66833.43199								
AUDCHF	24-07-18	11:30-11:32	0.73492	6365.088761								
AUDCHF	24-07-18	13:32-15:30			0.7368	24-07-18 13:35	636.5088761	Other	NA	Electronic	0.73646	0.73678
AUDCHF	24-07-18	15:32-17:30			0.73694	24-07-18 15:32	6365.088761	Other	NA	Electronic	0.73694	0.73727
AUDCHF	25-07-18	09:32-11:30			0.73596	25-07-18 09:34	1273.017752	Other	NA	Electronic	0.73562	0.73595
AUDCHF	25-07-18	11:32-13:30			0.73526	25-07-18 11:58	3182.544381	Other	NA	Electronic	0.73526	0.73558

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	25-07-18	13:32-15:30			0.73633	25-07-18 13:32	636.5088761	Other	NA	Electronic	0.73633	0.73667
AUDCHF	25-07-18	15:32-17:30			0.73638	25-07-18 15:37	1909.526628	Other	NA	Electronic	0.73638	0.73672
AUDCHF	26-07-18	09:30-09:32	0.73808	636.5088761								
AUDCHF	26-07-18	11:32-13:30			0.73695	26-07-18 11:37	6365.088761	Other	NA	Electronic	0.73662	0.73695
AUDCHF	26-07-18	13:32-15:30			0.7356	26-07-18 13:33	636.5088761	Other	NA	Electronic	0.73526	0.7356
AUDCHF	26-07-18	15:32-17:30			0.73402	26-07-18 15:52	3182.544381	Other	NA	Electronic	0.7337	0.73402
AUDCHF	27-07-18	09:32-11:30			0.73519	27-07-18 10:16	3182.544381	Other	NA	Electronic	0.73519	0.73551
AUDCHF	27-07-18	11:32-13:30			0.73542	27-07-18 11:38	1909.526628	Other	NA	Electronic	0.73542	0.73574
AUDCHF	27-07-18	13:32-15:30			0.7363	27-07-18 13:44	2546.035504	Other	NA	Electronic	0.7363	0.73663
AUDCHF	27-07-18	15:32-17:30			0.73667	27-07-18 15:41	1273.017752	Other	NA	Electronic	0.73634	0.73667
AUDCHF	30-07-18	09:32-11:30			0.73465	30-07-18 09:36	1273.017752	Other	NA	Electronic	0.73432	0.73465
AUDCHF	30-07-18	11:32-13:30			0.73365	30-07-18 12:35	636.5088761	Other	NA	Electronic	0.73365	0.73399
AUDCHF	30-07-18	13:30-13:32	0.73362	1273.017752								
AUDCHF	30-07-18	15:32-17:30			0.73253	30-07-18 15:32	6365.088761	Other	NA	Electronic	0.73219	0.73253
AUDCHF	31-07-18	09:30-09:32	0.73319	63650.88761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	31-07-18	11:32-13:30			0.73344	31-07-18 11:46	1909.526628	Other	NA	Electronic	0.73344	0.73378
AUDCHF	31-07-18	13:32-15:30			0.73494	31-07-18 13:34	636.5088761	Other	NA	Electronic	0.73495	0.73529
AUDCHF	31-07-18	15:32-17:30			0.73564	31-07-18 15:44	636.5088761	Other	NA	Electronic	0.73564	0.73598
AUDCHF	01-08-18	09:32-11:30			0.73498	01-08-18 09:32	1273.017752	Other	NA	Electronic	0.73466	0.73498
AUDCHF	01-08-18	11:32-13:30			0.73421	01-08-18 12:16	636.5088761	Other	NA	Electronic	0.73421	0.73454
AUDCHF	01-08-18	13:32-15:30			0.73515	01-08-18 13:47	636.5088761	Other	NA	Electronic	0.73482	0.73515
AUDCHF	01-08-18	15:32-17:30			0.73471	01-08-18 15:44	636.5088761	Other	NA	Electronic	0.73438	0.73471
AUDCHF	02-08-18	09:32-11:30			0.7323	02-08-18 09:36	636.5088761	Other	NA	Electronic	0.73196	0.7323
AUDCHF	02-08-18	11:32-13:30			0.73224	02-08-18 12:00	636.5088761	Other	NA	Electronic	0.73192	0.73224
AUDCHF	02-08-18	13:32-15:30			0.73299	02-08-18 15:12	636.5088761	Other	NA	Electronic	0.73299	0.73332
AUDCHF	02-08-18	15:32-17:30			0.73315	02-08-18 15:41	636.5088761	Other	NA	Electronic	0.73315	0.73348
AUDCHF	03-08-18	09:32-11:30			0.73238	03-08-18 10:00	636.5088761	Other	NA	Electronic	0.73238	0.73281
AUDCHF	03-08-18	11:30-11:32	0.73534	636.5088761								
AUDCHF	03-08-18	13:32-15:30			0.7353	03-08-18 14:33	636.5088761	Other	NA	Electronic	0.73497	0.7353
AUDCHF	03-08-18	15:32-17:30			0.73514	03-08-18 17:19	636.5088761	Other	NA	Electronic	0.73514	0.73552

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AUDCHF	06-08-18	09:32-11:30			0.73625	06-08-18 09:45	6365.088761	Other	NA	Electronic	0.73592	0.73625
AUDCHF	06-08-18	11:30-11:32	0.7366	1273.017752								
AUDCHF	06-08-18	13:32-15:30			0.73622	06-08-18 13:36	636.5088761	Other	NA	Electronic	0.73622	0.73655
AUDCHF	06-08-18	15:32-17:30			0.73686	06-08-18 15:44	1273.017752	Other	NA	Electronic	0.73653	0.73686
AUDCHF	07-08-18	09:32-11:30			0.73978	07-08-18 09:34	636.5088761	Other	NA	Electronic	0.73978	0.74012
AUDCHF	07-08-18	11:32-13:30			0.7392	07-08-18 12:08	1273.017752	Other	NA	Electronic	0.7392	0.73953
AUDCHF	07-08-18	13:32-15:30			0.73864	07-08-18 13:33	1909.526628	Other	NA	Electronic	0.73864	0.73897
AUDCHF	07-08-18	15:32-17:30			0.73881	07-08-18 16:18	1273.017752	Other	NA	Electronic	0.73881	0.73914
AUDCHF	08-08-18	09:32-11:30			0.73791	08-08-18 10:00	636.5088761	Other	NA	Electronic	0.73791	0.73823
AUDCHF	08-08-18	11:32-13:30			0.73815	08-08-18 12:02	636.5088761	Other	NA	Electronic	0.73782	0.73815
AUDCHF	08-08-18	13:30-13:32	0.73746	7638.106513								
AUDCHF	08-08-18	15:32-17:30			0.73766	08-08-18 15:47	1273.017752	Other	NA	Electronic	0.73733	0.73766
AUDCHF	09-08-18	09:32-11:30			0.73701	09-08-18 10:00	636.5088761	Other	NA	Electronic	0.73701	0.73734
AUDCHF	09-08-18	11:32-13:30			0.737	09-08-18 11:38	19095.26628	Other	NA	Electronic	0.73667	0.737
AUDCHF	09-08-18	13:32-15:30			0.73548	09-08-18 13:35	636.5088761	Other	NA	Electronic	0.73548	0.7358

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	09-08-18	15:32-17:30			0.73283	09-08-18 15:32	636.5088761	Other	NA	Electronic	0.7325	0.73283
AUDCHF	10-08-18	09:32-11:30			0.72709	10-08-18 10:08	63650.88761	Other	NA	Electronic	0.72676	0.72709
AUDCHF	10-08-18	11:32-13:30			0.7271	10-08-18 11:50	636.5088761	Other	NA	Electronic	0.72677	0.7271
AUDCHF	10-08-18	13:32-15:30			0.72562	10-08-18 13:42	636.5088761	Other	NA	Electronic	0.72562	0.72595
AUDCHF	10-08-18	15:30-15:32	0.72673	636.5088761								
AUDCHF	13-08-18	09:32-11:30			0.72316	13-08-18 09:59	636.5088761	Other	NA	Electronic	0.72316	0.7235
AUDCHF	13-08-18	11:32-13:30			0.72294	13-08-18 12:09	1273.017752	Other	NA	Electronic	0.72294	0.72327
AUDCHF	13-08-18	13:32-15:30			0.72297	13-08-18 15:19	636.5088761	Other	NA	Electronic	0.72265	0.72297
AUDCHF	13-08-18	15:32-17:30			0.72236	13-08-18 15:39	2546.035504	Other	NA	Electronic	0.72236	0.72269
AUDCHF	14-08-18	09:32-11:30			0.72018	14-08-18 09:32	9547.633142	Other	NA	Electronic	0.71985	0.72018
AUDCHF	14-08-18	11:32-13:30			0.71907	14-08-18 11:39	636.5088761	Other	NA	Electronic	0.71874	0.71907
AUDCHF	14-08-18	13:30-13:32	0.71939	1273.017752								
AUDCHF	14-08-18	15:32-17:30			0.71883	14-08-18 15:32	63650.88761	Other	NA	Electronic	0.71851	0.71883
AUDCHF	15-08-18	09:30-09:32	0.72134	636.5088761								
AUDCHF	15-08-18	11:32-13:30			0.72011	15-08-18 11:43	636.5088761	Other	NA	Electronic	0.71978	0.72011

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	15-08-18	13:30-13:32	0.72079	636.5088761								
AUDCHF	15-08-18	15:32-17:30			0.71856	15-08-18 15:37	636.5088761	Other	NA	Electronic	0.71856	0.71889
AUDCHF	16-08-18	09:32-11:30			0.72219	16-08-18 09:32	1273.017752	Other	NA	Electronic	0.72186	0.72219
AUDCHF	16-08-18	11:32-13:30			0.7222	16-08-18 11:39	636.5088761	Other	NA	Electronic	0.7222	0.72253
AUDCHF	16-08-18	13:30-13:32	0.723	636.5088761								
AUDCHF	16-08-18	15:32-17:30			0.72451	16-08-18 15:56	636.5088761	Other	NA	Electronic	0.72451	0.72484
AUDCHF	17-08-18	09:32-11:30			0.72388	17-08-18 09:38	1273.017752	Other	NA	Electronic	0.72388	0.72421
AUDCHF	17-08-18	11:32-13:30			0.72381	17-08-18 11:47	1273.017752	Other	NA	Electronic	0.72348	0.72381
AUDCHF	17-08-18	13:32-15:30			0.72481	17-08-18 13:49	7001.597637	Other	NA	Electronic	0.72481	0.72513
AUDCHF	17-08-18	15:32-17:30			0.72418	17-08-18 16:08	636.5088761	Other	NA	Electronic	0.72418	0.72451
AUDCHF	20-08-18	09:32-11:30			0.72722	20-08-18 10:27	19095.26628	Other	NA	Electronic	0.72722	0.72754
AUDCHF	20-08-18	11:32-13:30			0.72686	20-08-18 11:37	1909.526628	Other	NA	Electronic	0.72686	0.72719
AUDCHF	20-08-18	13:32-15:30			0.72578	20-08-18 13:57	2546.035504	Other	NA	Electronic	0.72578	0.72612
AUDCHF	20-08-18	15:32-17:30			0.72753	20-08-18 15:53	19095.26628	Other	NA	Electronic	0.72708	0.72753
AUDCHF	21-08-18	09:32-11:30			0.72623	21-08-18 09:33	636.5088761	Other	NA	Electronic	0.72623	0.72656



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF	21-08-18	11:32-13:30			0.72614	21-08-18 12:22	636.5088761	Other	NA	Electronic	0.72581	0.72614
AUDCHF	21-08-18	13:32-15:30			0.72557	21-08-18 14:11	3182.544381	Other	NA	Electronic	0.72557	0.7259
AUDCHF	21-08-18	15:32-17:30			0.72615	21-08-18 16:39	636.5088761	Other	NA	Electronic	0.72582	0.72615
AUDCHF	22-08-18	09:32-11:30			0.72216	22-08-18 09:32	2546.035504	Other	NA	Electronic	0.72216	0.72249
AUDCHF	22-08-18	11:32-13:30			0.72279	22-08-18 11:45	636.5088761	Other	NA	Electronic	0.72246	0.72279
AUDCHF	22-08-18	13:30-13:32	0.72162	636.5088761								
AUDCHF	22-08-18	15:32-17:30			0.72309	22-08-18 15:50	636.5088761	Other	NA	Electronic	0.72309	0.72342
AUDCHF	23-08-18	09:32-11:30			0.71755	23-08-18 09:34	1273.017752	Other	NA	Electronic	0.71722	0.71755
AUDCHF	23-08-18	11:32-13:30			0.7169	23-08-18 11:33	636.5088761	Other	NA	Electronic	0.71657	0.7169
AUDCHF	23-08-18	13:32-15:30			0.71551	23-08-18 13:37	3819.053257	Other	NA	Electronic	0.71551	0.71584
AUDCHF	23-08-18	15:30-15:32	0.71588	636.5088761								
AUDCHF	24-08-18	09:32-11:30			0.71636	24-08-18 09:49	636.5088761	Other	NA	Electronic	0.71603	0.71636
AUDCHF	24-08-18	11:32-13:30			0.71878	24-08-18 11:38	636.5088761	Other	NA	Electronic	0.71845	0.71878
AUDCHF	24-08-18	13:30-13:32	0.71902	2546.035504								
AUDCHF	24-08-18	15:32-17:30			0.72029	24-08-18 15:49	1273.017752	Other	NA	Electronic	0.72029	0.72063

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AUDCHF	27-08-18	09:32-11:30			0.71904	27-08-18 09:44	636.5088761	Other	NA	Electronic	0.71872	0.71904
AUDCHF	27-08-18	11:30-11:32	0.71922	2546.035504								
AUDCHF	27-08-18	13:32-15:30			0.71966	27-08-18 13:36	1273.017752	Other	NA	Electronic	0.71934	0.71966
AUDCHF	27-08-18	15:32-17:30			0.71987	27-08-18 15:40	636.5088761	Other	NA	Electronic	0.71987	0.7202
AUDCHF	28-08-18	09:32-11:30			0.71772	28-08-18 09:42	1909.526628	Other	NA	Electronic	0.71772	0.71806
AUDCHF	28-08-18	11:32-13:30			0.71774	28-08-18 11:33	636.5088761	Other	NA	Electronic	0.7174	0.71774
AUDCHF	28-08-18	13:32-15:30			0.71698	28-08-18 13:49	636.5088761	Other	NA	Electronic	0.71665	0.71698
AUDCHF	28-08-18	15:30-15:32	0.71714	636.5088761								
AUDCHF	29-08-18	09:32-11:30			0.714	29-08-18 09:40	1909.526628	Other	NA	Electronic	0.70003	0.70036
AUDCHF	29-08-18	11:32-13:30			0.71266	29-08-18 11:33	12730.17752	Other	NA	Electronic	0.71266	0.71299
AUDCHF	29-08-18	13:30-13:32	0.71009	15276.21303								
AUDCHF	29-08-18	15:32-17:30			0.70926	29-08-18 15:39	3182.544381	Other	NA	Electronic	0.70926	0.70958
AUDCHF	30-08-18	09:32-11:30			0.70752	30-08-18 10:00	1273.017752	Other	NA	Electronic	0.70752	0.70785
AUDCHF	30-08-18	11:30-11:32	0.70835	636.5088761								
AUDCHF	30-08-18	13:32-15:30			0.70773	30-08-18 13:38	3182.544381	Other	NA	Electronic	0.7074	0.70773

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AUDCHF	30-08-18	15:32-17:30			0.70607	30-08-18 15:32	12730.17752	Other	NA	Electronic	0.70573	0.70607
AUDCHF	31-08-18	09:32-11:30			0.69992	31-08-18 10:03	3182.544381	Other	NA	Electronic	0.69959	0.69992
AUDCHF	31-08-18	11:32-13:30			0.69963	31-08-18 11:49	636.5088761	Other	NA	Electronic	0.69929	0.69963
AUDCHF	31-08-18	13:32-15:30			0.69855	31-08-18 13:42	1909.526628	Other	NA	Electronic	0.69855	0.69888
AUDCHF	31-08-18	15:32-17:30			0.698	31-08-18 15:41	1273.017752	Other	NA	Electronic	0.69757	0.698
AUDCHF	03-09-18	09:32-11:30			0.69948	03-09-18 09:51	1273.017752	Other	NA	Electronic	0.69916	0.69948
AUDCHF	03-09-18	11:32-13:30			0.69879	03-09-18 11:40	1909.526628	Other	NA	Electronic	0.69879	0.69912
AUDCHF	03-09-18	13:32-15:30			0.70023	03-09-18 13:40	636.5088761	Other	NA	Electronic	0.6999	0.70023
AUDCHF	03-09-18	15:32-17:30			0.69879	03-09-18 15:53	1273.017752	Other	NA	Electronic	0.69879	0.69912
AUDCHF	04-09-18	09:32-11:30			0.6985	04-09-18 09:36	3182.544381	Other	NA	Electronic	0.69816	0.6985
AUDCHF	04-09-18	11:32-13:30			0.69973	04-09-18 11:35	63650.88761	Other	NA	Electronic	0.6994	0.69973
AUDCHF	04-09-18	13:32-15:30			0.69902	04-09-18 13:45	1273.017752	Other	NA	Electronic	0.69902	0.69934
AUDCHF	04-09-18	15:32-17:30			0.69959	04-09-18 15:44	636.5088761	Other	NA	Electronic	0.69959	0.69992
AUDCHF	05-09-18	09:32-11:30			0.69846	05-09-18 09:41	636.5088761	Other	NA	Electronic	0.69813	0.69846
AUDCHF	05-09-18	11:30-11:32	0.69897	636.5088761								

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AUDCHF	05-09-18	13:32-15:30			0.69887	05-09-18 13:36	1273.017752	Other	NA	Electronic	0.69887	0.69919
AUDCHF	05-09-18	15:32-17:30			0.6985	05-09-18 15:37	1909.526628	Other	NA	Electronic	0.69817	0.6985
AUDCHF	06-09-18	09:32-11:30			0.69678	06-09-18 09:57	127301.7752	Other	NA	Electronic	0.69678	0.69711
AUDCHF	06-09-18	11:32-13:30			0.69788	06-09-18 11:55	8911.124266	Other	NA	Electronic	0.69755	0.69788
AUDCHF	06-09-18	13:32-15:30			0.69645	06-09-18 13:40	636.5088761	Other	NA	Electronic	0.69645	0.69678
AUDCHF	06-09-18	15:30-15:32	0.69697	636.5088761								
AUDCHF	07-09-18	09:32-11:30			0.69074	07-09-18 09:51	63650.88761	Other	NA	Electronic	0.69041	0.69074
AUDCHF	07-09-18	11:30-11:32	0.69206	127301.7752								
AUDCHF	07-09-18	13:32-15:30			0.69014	07-09-18 13:47	190952.6628	Other	NA	Electronic	0.68982	0.69014
AUDCHF	07-09-18	15:32-17:30			0.69109	07-09-18 15:38	636.5088761	Other	NA	Electronic	0.69109	0.69142
AUDCHF	10-09-18	09:32-11:30			0.69245	10-09-18 09:33	4455.562133	Other	NA	Electronic	0.69245	0.69279
AUDCHF	10-09-18	11:32-13:30			0.69336	10-09-18 11:45	1273.017752	Other	NA	Electronic	0.69336	0.69369
AUDCHF	10-09-18	13:32-15:30			0.69339	10-09-18 14:02	1273.017752	Other	NA	Electronic	0.69339	0.69371
AUDCHF	10-09-18	15:32-17:30			0.69318	10-09-18 15:34	1273.017752	Other	NA	Electronic	0.69318	0.6935
AUDCHF	11-09-18	09:32-11:30			0.69208	11-09-18 09:34	636.5088761	Other	NA	Electronic	0.69208	0.6924

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AUDCHF	11-09-18	11:32-13:30			0.69111	11-09-18 11:34	636.5088761	Other	NA	Electronic	0.69111	0.69144
AUDCHF	11-09-18	13:30-13:32	0.69042	3819.053257								
AUDCHF	11-09-18	15:32-17:30			0.69163	11-09-18 15:33	636.5088761	Other	NA	Electronic	0.6913	0.69163
AUDCHF	12-09-18	09:32-11:30			0.69319	12-09-18 09:46	3819.053257	Other	NA	Electronic	0.69286	0.69319
AUDCHF	12-09-18	11:30-11:32	0.69327	636.5088761								
AUDCHF	12-09-18	13:32-15:30			0.69256	12-09-18 13:56	636.5088761	Other	NA	Electronic	0.69256	0.69288
AUDCHF	12-09-18	15:30-15:32	0.6968	6365.088761								
AUDCHF	13-09-18	09:32-11:30			0.69713	13-09-18 09:40	636.5088761	Other	NA	Electronic	0.69681	0.69713
AUDCHF	13-09-18	11:32-13:30			0.69759	13-09-18 12:31	63650.88761	Other	NA	Electronic	0.69759	0.69793
AUDCHF	13-09-18	13:30-13:32	0.69751	636.5088761								
AUDCHF	13-09-18	15:30-15:32	0.69597	3182.544381								
AUDCHF	14-09-18	09:32-11:30			0.69388	14-09-18 09:33	1273.017752	Other	NA	Electronic	0.69388	0.69421
AUDCHF	14-09-18	11:30-11:32	0.69335	3819.053257								
AUDCHF	14-09-18	13:30-13:32	0.69316	636.5088761								
AUDCHF	14-09-18	15:32-17:30			0.69412	14-09-18 15:40	1909.526628	Other	NA	Electronic	0.69412	0.69445

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AUDCHF	17-09-18	09:32-11:30			0.69202	17-09-18 10:30	3819.053257	Other	NA	Electronic	0.69202	0.69235
AUDCHF	17-09-18	11:32-13:30			0.69182	17-09-18 11:41	636.5088761	Other	NA	Electronic	0.69149	0.69182
AUDCHF	17-09-18	13:32-15:30			0.69176	17-09-18 13:44	636.5088761	Other	NA	Electronic	0.69176	0.69208
AUDCHF	17-09-18	15:32-17:30			0.69156	17-09-18 15:50	636.5088761	Other	NA	Electronic	0.69123	0.69156
AUDCHF	18-09-18	09:32-11:30			0.6931	18-09-18 09:58	636.5088761	Other	NA	Electronic	0.69277	0.6931
AUDCHF	18-09-18	11:32-13:30			0.6929	18-09-18 11:43	636.5088761	Other	NA	Electronic	0.69258	0.6929
AUDCHF	18-09-18	13:32-15:30			0.6927	18-09-18 13:37	636.5088761	Other	NA	Electronic	0.6927	0.69302
AUDCHF	18-09-18	15:32-17:30			0.69366	18-09-18 15:39	636.5088761	Other	NA	Electronic	0.69366	0.69399
AUDCHF	19-09-18	09:32-11:30			0.70056	19-09-18 09:33	1273.017752	Other	NA	Electronic	0.70023	0.70056
AUDCHF	19-09-18	11:32-13:30			0.7019	19-09-18 11:32	636.5088761	Other	NA	Electronic	0.7019	0.70223
AUDCHF	19-09-18	13:32-15:30			0.70325	19-09-18 13:32	636.5088761	Other	NA	Electronic	0.70324	0.70357
AUDCHF	19-09-18	15:32-17:30			0.7032	19-09-18 15:35	636.5088761	Other	NA	Electronic	0.70322	0.70355
AUDCHF	20-09-18	09:30-09:32	0.70184	1273.017752								
AUDCHF	20-09-18	11:32-13:30			0.7011	20-09-18 11:34	636.5088761	Other	NA	Electronic	0.7011	0.70143
AUDCHF	20-09-18	13:32-15:30			0.70049	20-09-18 13:35	636.5088761	Other	NA	Electronic	0.70016	0.70049

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AUDCHF	20-09-18	15:30-15:32	0.69934	1909.526628								
AUDCHF	21-09-18	09:30-09:32	0.69642	636.5088761								
AUDCHF	21-09-18	11:32-13:30			0.69633	21-09-18 11:41	3182.544381	Other	NA	Electronic	0.696	0.69633
AUDCHF	21-09-18	13:30-13:32	0.69596	1273.017752								
AUDCHF	21-09-18	15:32-17:30			0.69839	21-09-18 15:58	636.5088761	Other	NA	Electronic	0.69807	0.69839
AUDCHF	24-09-18	09:32-11:30			0.69703	24-09-18 09:45	636.5088761	Other	NA	Electronic	0.69704	0.69736
AUDCHF	24-09-18	11:32-13:30			0.69726	24-09-18 11:33	3182.544381	Other	NA	Electronic	0.69726	0.69758
AUDCHF	24-09-18	13:32-15:30			0.69707	24-09-18 13:32	3182.544381	Other	NA	Electronic	0.69707	0.6974
AUDCHF	24-09-18	15:30-15:32	0.69843	636.5088761								
AUDCHF	25-09-18	09:30-09:32	0.69983	636.5088761								
AUDCHF	25-09-18	11:32-13:30			0.70018	25-09-18 11:47	6365.088761	Other	NA	Electronic	0.70018	0.7005
AUDCHF	25-09-18	13:32-15:30			0.70017	25-09-18 13:49	1273.017752	Other	NA	Electronic	0.70017	0.7005
AUDCHF	25-09-18	15:32-17:30			0.69931	25-09-18 16:02	9547.633142	Other	NA	Electronic	0.69931	0.69965
AUDCHF	26-09-18	09:32-11:30			0.70156	26-09-18 09:40	636.5088761	Other	NA	Electronic	0.70123	0.70156
AUDCHF	26-09-18	11:32-13:30			0.70258	26-09-18 11:35	636.5088761	Other	NA	Electronic	0.70225	0.70258

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AUDCHF	26-09-18	13:32-15:30			0.70251	26-09-18 13:55	636.5088761	Other	NA	Electronic	0.70251	0.70284
AUDCHF	26-09-18	15:32-17:30			0.70279	26-09-18 15:38	12730.17752	Other	NA	Electronic	0.70246	0.70279
AUDCHF	27-09-18	09:30-09:32	0.70039	636.5088761								
AUDCHF	27-09-18	11:30-11:32	0.70256	7001.597637								
AUDCHF	27-09-18	13:32-15:30			0.70288	27-09-18 13:35	636.5088761	Other	NA	Electronic	0.70288	0.70321
AUDCHF	27-09-18	15:32-17:30			0.70561	27-09-18 15:38	3182.544381	Other	NA	Electronic	0.70527	0.70561
AUDCHF	28-09-18	09:32-11:30			0.70425	28-09-18 09:39	636.5088761	Other	NA	Electronic	0.70391	0.70425
AUDCHF	28-09-18	11:32-13:30			0.705	28-09-18 12:20	1909.526628	Other	NA	Electronic	0.705	0.70533
AUDCHF	28-09-18	13:32-15:30			0.70586	28-09-18 14:08	636.5088761	Other	NA	Electronic	0.70554	0.70586
AUDCHF	28-09-18	15:32-17:30			0.70623	28-09-18 16:54	636.5088761	Other	NA	Electronic	0.70623	0.70656
AUDCHF	02-07-18	09:32-11:30			0.73123	02-07-18 10:09	636.5088761	Other	NA	Electronic	0.73123	0.73127
AUDCHF	02-07-18	11:32-13:30			0.73103	02-07-18 13:22	636.5088761	Other	NA	Electronic	0.73099	0.73103
AUDCHF	02-07-18	13:32-15:30			0.73172	02-07-18 14:29	3182.544381	Other	NA	Electronic	0.73167	0.73172
AUDCHF	03-07-18	09:32-11:30			0.73463	03-07-18 10:00	1909.526628	Other	NA	Electronic	0.73459	0.73463
AUDCHF	03-07-18	11:32-13:30			0.73435	03-07-18 12:12	636.5088761	Other	NA	Electronic	0.73435	0.7344



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AUDCHF.	03-07-18	13:32-15:30			0.73374	03-07-18 13:36	636.5088761	Other	NA	Electronic	0.73371	0.73374
AUDCHF.	03-07-18	15:32-17:30			0.73254	03-07-18 15:38	1273.017752	Other	NA	Electronic	0.7325	0.73255
AUDCHF.	04-07-18	09:32-11:30			0.73278	04-07-18 10:04	636.5088761	Other	NA	Electronic	0.73278	0.73282
AUDCHF.	04-07-18	11:32-13:30			0.73343	04-07-18 11:42	1273.017752	Other	NA	Electronic	0.73343	0.73348
AUDCHF.	04-07-18	13:32-15:30			0.73333	04-07-18 13:55	12730.17752	Other	NA	Electronic	0.73333	0.73337
AUDCHF.	04-07-18	15:32-17:30			0.73359	04-07-18 15:39	1273.017752	Other	NA	Electronic	0.73354	0.73359
AUDCHF.	05-07-18	09:32-11:30			0.73349	05-07-18 09:57	1273.017752	Other	NA	Electronic	0.73344	0.73349
AUDCHF.	05-07-18	11:32-13:30			0.73362	05-07-18 11:33	2546.035504	Other	NA	Electronic	0.73358	0.73362
AUDCHF.	05-07-18	13:32-15:30			0.73403	05-07-18 13:34	12730.17752	Other	NA	Electronic	0.73403	0.73407
AUDCHF.	05-07-18	15:32-17:30			0.73363	05-07-18 16:27	636.5088761	Other	NA	Electronic	0.73358	0.73363
AUDCHF.	06-07-18	11:32-13:30			0.73638	06-07-18 12:30	1273.017752	Other	NA	Electronic	0.73628	0.73639
AUDCHF.	06-07-18	13:32-15:30			0.73401	06-07-18 13:49	6365.088761	Other	NA	Electronic	0.73401	0.73403
AUDCHF.	06-07-18	15:32-17:30			0.73489	06-07-18 16:54	636.5088761	Other	NA	Electronic	0.73486	0.73489
AUDCHF.	09-07-18	11:30-11:32	0.73857	1909.526628								
AUDCHF.	09-07-18	13:32-15:30			0.73991	09-07-18 13:37	636.5088761	Other	NA	Electronic	0.73991	0.73996

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	09-07-18	15:32-17:30			0.74019	09-07-18 15:32	6365.088761	Other	NA	Electronic	0.74019	0.74022
AUDCHF.	10-07-18	09:32-11:30			0.73969	10-07-18 10:09	636.5088761	Other	NA	Electronic	0.73966	0.73969
AUDCHF.	10-07-18	11:32-13:30			0.74018	10-07-18 12:15	1273.017752	Other	NA	Electronic	0.74018	0.74022
AUDCHF.	10-07-18	13:30-13:32	0.74106	31825.44381								
AUDCHF.	11-07-18	09:32-11:30			0.7347	11-07-18 10:12	636.5088761	Other	NA	Electronic	0.73466	0.7347
AUDCHF.	11-07-18	11:32-13:30			0.73452	11-07-18 12:43	3182.544381	Other	NA	Electronic	0.73447	0.73452
AUDCHF.	11-07-18	13:32-15:30			0.73376	11-07-18 13:33	636.5088761	Other	NA	Electronic	0.73376	0.73382
AUDCHF.	11-07-18	15:32-17:30			0.73481	11-07-18 17:09	636.5088761	Other	NA	Electronic	0.73481	0.73487
AUDCHF.	12-07-18	09:32-11:30			0.73634	12-07-18 10:23	4455.562133	Other	NA	Electronic	0.7363	0.73634
AUDCHF.	12-07-18	11:32-13:30			0.73714	12-07-18 11:56	38190.53257	Other	NA	Electronic	0.7371	0.73714
AUDCHF.	12-07-18	13:32-15:30			0.74054	12-07-18 13:32	636.5088761	Other	NA	Electronic	0.74051	0.74054
AUDCHF.	12-07-18	15:32-17:30			0.74213	12-07-18 15:32	636.5088761	Other	NA	Electronic	0.74209	0.74213
AUDCHF.	13-07-18	09:32-11:30			0.74078	13-07-18 09:41	6365.088761	Other	NA	Electronic	0.74074	0.74079
AUDCHF.	13-07-18	11:32-13:30			0.74266	13-07-18 13:00	636.5088761	Other	NA	Electronic	0.74266	0.7427
AUDCHF.	13-07-18	15:32-17:30			0.74341	13-07-18 15:34	636.5088761	Other	NA	Electronic	0.74341	0.74345

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	16-07-18	09:32-11:30			0.74177	16-07-18 11:17	636.5088761	Other	NA	Electronic	0.74177	0.74182
AUDCHF.	16-07-18	11:32-13:30			0.74118	16-07-18 12:03	3182.544381	Other	NA	Electronic	0.74118	0.74122
AUDCHF.	16-07-18	13:32-15:30			0.74098	16-07-18 14:30	636.5088761	Other	NA	Electronic	0.74098	0.74102
AUDCHF.	16-07-18	15:32-17:30			0.73962	16-07-18 15:39	636.5088761	Other	NA	Electronic	0.73957	0.73962
AUDCHF.	17-07-18	09:32-11:30			0.73671	17-07-18 10:27	636.5088761	Other	NA	Electronic	0.7367	0.73671
AUDCHF.	17-07-18	11:32-13:30			0.73695	17-07-18 12:06	636.5088761	Other	NA	Electronic	0.73691	0.73695
AUDCHF.	17-07-18	13:32-15:30			0.73702	17-07-18 14:44	636.5088761	Other	NA	Electronic	0.73702	0.73707
AUDCHF.	17-07-18	15:32-17:30			0.73807	17-07-18 15:38	636.5088761	Other	NA	Electronic	0.73803	0.73807
AUDCHF.	18-07-18	09:32-11:30			0.73632	18-07-18 09:42	636.5088761	Other	NA	Electronic	0.73631	0.73632
AUDCHF.	18-07-18	11:32-13:30			0.73499	18-07-18 12:06	1909.526628	Other	NA	Electronic	0.73498	0.73503
AUDCHF.	18-07-18	13:32-15:30			0.73662	18-07-18 13:52	3182.544381	Other	NA	Electronic	0.73658	0.73662
AUDCHF.	18-07-18	15:32-17:30			0.739	18-07-18 16:07	3182.544381	Other	NA	Electronic	0.739	0.73903
AUDCHF.	19-07-18	09:32-11:30			0.73681	19-07-18 09:54	636.5088761	Other	NA	Electronic	0.73681	0.73686
AUDCHF.	19-07-18	11:32-13:30			0.73582	19-07-18 11:51	636.5088761	Other	NA	Electronic	0.73582	0.73587
AUDCHF.	19-07-18	13:32-15:30			0.73587	19-07-18 13:36	636.5088761	Other	NA	Electronic	0.73587	0.7359

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AUDCHF.	19-07-18	15:30-15:32	0.73428	636.5088761								
AUDCHF.	20-07-18	09:32-11:30			0.73651	20-07-18 09:36	636.5088761	Other	NA	Electronic	0.73651	0.73656
AUDCHF.	20-07-18	11:32-13:30			0.73547	20-07-18 12:31	636.5088761	Other	NA	Electronic	0.73542	0.73547
AUDCHF.	20-07-18	13:32-15:30			0.73733	20-07-18 13:56	636.5088761	Other	NA	Electronic	0.73731	0.73733
AUDCHF.	20-07-18	15:32-17:30			0.73713	20-07-18 15:43	636.5088761	Other	NA	Electronic	0.73713	0.73718
AUDCHF.	23-07-18	09:32-11:30			0.73447	23-07-18 09:43	636.5088761	Other	NA	Electronic	0.73443	0.73447
AUDCHF.	23-07-18	11:32-13:30			0.734	23-07-18 11:41	636.5088761	Other	NA	Electronic	0.73398	0.734
AUDCHF.	23-07-18	13:32-15:30			0.73264	23-07-18 14:02	6365.088761	Other	NA	Electronic	0.73262	0.73265
AUDCHF.	23-07-18	15:32-17:30			0.73284	23-07-18 16:59	636.5088761	Other	NA	Electronic	0.73279	0.73284
AUDCHF.	24-07-18	09:32-11:30			0.73433	24-07-18 10:12	1273.017752	Other	NA	Electronic	0.73429	0.73433
AUDCHF.	24-07-18	11:30-11:32	0.73511	636.5088761								
AUDCHF.	24-07-18	13:32-15:30			0.73672	24-07-18 13:33	76381.06513	Other	NA	Electronic	0.73667	0.73672
AUDCHF.	24-07-18	15:32-17:30			0.7375	24-07-18 16:07	636.5088761	Other	NA	Electronic	0.73745	0.73749
AUDCHF.	25-07-18	09:32-11:30			0.73543	25-07-18 10:30	636.5088761	Other	NA	Electronic	0.73539	0.73543
AUDCHF.	25-07-18	11:32-13:30			0.73595	25-07-18 12:41	636.5088761	Other	NA	Electronic	0.73595	0.736

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	25-07-18	13:30-13:32	0.73648	636.5088761								
AUDCHF.	25-07-18	15:32-17:30			0.73685	25-07-18 15:46	3182.544381	Other	NA	Electronic	0.73685	0.73689
AUDCHF.	26-07-18	09:32-11:30			0.73767	26-07-18 09:45	636.5088761	Other	NA	Electronic	0.73767	0.73769
AUDCHF.	26-07-18	11:32-13:30			0.73622	26-07-18 11:44	636.5088761	Other	NA	Electronic	0.73616	0.73622
AUDCHF.	26-07-18	13:32-15:30			0.73562	26-07-18 13:39	25460.35504	Other	NA	Electronic	0.73557	0.7356
AUDCHF.	26-07-18	15:32-17:30			0.73378	26-07-18 17:27	636.5088761	Other	NA	Electronic	0.73373	0.73378
AUDCHF.	27-07-18	11:32-13:30			0.73641	27-07-18 12:52	2546.035504	Other	NA	Electronic	0.7364	0.73645
AUDCHF.	27-07-18	13:32-15:30			0.73622	27-07-18 13:33	6365.088761	Other	NA	Electronic	0.73622	0.73627
AUDCHF.	27-07-18	15:32-17:30			0.73571	27-07-18 16:56	1273.017752	Other	NA	Electronic	0.73566	0.73571
AUDCHF.	30-07-18	09:32-11:30			0.73447	30-07-18 09:35	3182.544381	Other	NA	Electronic	0.73447	0.73452
AUDCHF.	30-07-18	11:32-13:30			0.73366	30-07-18 12:48	636.5088761	Other	NA	Electronic	0.73366	0.73371
AUDCHF.	30-07-18	13:30-13:32	0.73339	2546.035504								
AUDCHF.	30-07-18	15:32-17:30			0.7322	30-07-18 15:38	636.5088761	Other	NA	Electronic	0.73217	0.7322
AUDCHF.	31-07-18	09:32-11:30			0.73349	31-07-18 09:48	636.5088761	Other	NA	Electronic	0.73343	0.73348
AUDCHF.	31-07-18	11:32-13:30			0.73359	31-07-18 11:35	1273.017752	Other	NA	Electronic	0.73359	0.73363

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	31-07-18	13:32-15:30			0.73406	31-07-18 14:49	636.5088761	Other	NA	Electronic	0.73406	0.7341
AUDCHF.	31-07-18	15:32-17:30			0.73588	31-07-18 15:41	636.5088761	Other	NA	Electronic	0.73582	0.73588
AUDCHF.	01-08-18	09:32-11:30			0.73521	01-08-18 09:53	1273.017752	Other	NA	Electronic	0.73517	0.73521
AUDCHF.	01-08-18	11:32-13:30			0.73503	01-08-18 11:39	6365.088761	Other	NA	Electronic	0.73503	0.73507
AUDCHF.	01-08-18	13:30-13:32	0.73509	636.5088761								
AUDCHF.	01-08-18	15:32-17:30			0.73339	01-08-18 16:23	636.5088761	Other	NA	Electronic	0.73339	0.73343
AUDCHF.	02-08-18	09:32-11:30			0.73167	02-08-18 10:39	636.5088761	Other	NA	Electronic	0.73163	0.73167
AUDCHF.	06-08-18	09:32-11:30			0.73592	06-08-18 10:04	636.5088761	Other	NA	Electronic	0.73588	0.73592
AUDCHF.	06-08-18	11:32-13:30			0.73658	06-08-18 11:50	64287.39649	Other	NA	Electronic	0.73654	0.73658
AUDCHF.	06-08-18	13:32-15:30			0.73618	06-08-18 14:59	636.5088761	Other	NA	Electronic	0.73618	0.73622
AUDCHF.	06-08-18	15:32-17:30			0.73665	06-08-18 16:54	64287.39649	Other	NA	Electronic	0.73665	0.73669
AUDCHF.	07-08-18	09:32-11:30			0.73966	07-08-18 10:49	636.5088761	Other	NA	Electronic	0.73967	0.73971
AUDCHF.	07-08-18	11:32-13:30			0.73855	07-08-18 12:55	636.5088761	Other	NA	Electronic	0.73855	0.73859
AUDCHF.	07-08-18	13:32-15:30			0.73913	07-08-18 13:50	4455.562133	Other	NA	Electronic	0.73909	0.73913
AUDCHF.	07-08-18	15:32-17:30			0.73867	07-08-18 16:00	3182.544381	Other	NA	Electronic	0.73867	0.7387

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AUDCHF.	08-08-18	09:32-11:30			0.7383	08-08-18 10:10	636.5088761	Other	NA	Electronic	0.7383	0.73833
AUDCHF.	08-08-18	11:32-13:30			0.73707	08-08-18 12:38	636.5088761	Other	NA	Electronic	0.73707	0.73711
AUDCHF.	08-08-18	13:32-15:30			0.7373	08-08-18 14:01	636.5088761	Other	NA	Electronic	0.73726	0.7373
AUDCHF.	09-08-18	11:32-13:30			0.73584	09-08-18 12:30	3182.544381	Other	NA	Electronic	0.73584	0.73745
AUDCHF.	09-08-18	13:32-15:30			0.73546	09-08-18 13:42	1273.017752	Other	NA	Electronic	0.73546	0.73551
AUDCHF.	09-08-18	15:32-17:30			0.73271	09-08-18 16:41	2546.035504	Other	NA	Electronic	0.73271	0.73274
AUDCHF.	10-08-18	09:32-11:30			0.72675	10-08-18 09:55	3182.544381	Other	NA	Electronic	0.72672	0.72675
AUDCHF.	10-08-18	11:32-13:30			0.72668	10-08-18 11:56	3182.544381	Other	NA	Electronic	0.72664	0.72668
AUDCHF.	10-08-18	13:30-13:32	0.72519	3182.544381								
AUDCHF.	10-08-18	15:32-17:30			0.72687	10-08-18 15:33	3182.544381	Other	NA	Electronic	0.72687	0.72691
AUDCHF.	13-08-18	11:32-13:30			0.72277	13-08-18 11:33	3182.544381	Other	NA	Electronic	0.72273	0.72277
AUDCHF.	13-08-18	15:32-17:30			0.72199	13-08-18 16:49	1909.526628	Other	NA	Electronic	0.72199	0.72202
AUDCHF.	14-08-18	09:32-11:30			0.71978	14-08-18 09:35	636.5088761	Other	NA	Electronic	0.71974	0.71978
AUDCHF.	14-08-18	11:32-13:30			0.7192	14-08-18 11:45	1273.017752	Other	NA	Electronic	0.7192	0.71923
AUDCHF.	14-08-18	15:32-17:30			0.71918	14-08-18 15:37	1273.017752	Other	NA	Electronic	0.71914	0.71918

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AUDCHF.	15-08-18	09:32-11:30			0.72133	15-08-18 09:55	1909.526628	Other	NA	Electronic	0.72129	0.72133
AUDCHF.	15-08-18	13:32-15:30			0.71903	15-08-18 13:48	636.5088761	Other	NA	Electronic	0.71898	0.71903
AUDCHF.	16-08-18	09:32-11:30			0.72263	16-08-18 10:07	1273.017752	Other	NA	Electronic	0.72259	0.72263
AUDCHF.	16-08-18	13:30-13:32	0.72325	5728.579885								
AUDCHF.	16-08-18	15:32-17:30			0.72477	16-08-18 16:00	3182.544381	Other	NA	Electronic	0.72477	0.72481
AUDCHF.	17-08-18	09:32-11:30			0.72351	17-08-18 10:12	1909.526628	Other	NA	Electronic	0.72351	0.72355
AUDCHF.	17-08-18	11:32-13:30			0.72361	17-08-18 12:00	636.5088761	Other	NA	Electronic	0.72361	0.72365
AUDCHF.	17-08-18	13:32-15:30			0.72429	17-08-18 15:19	636.5088761	Other	NA	Electronic	0.72429	0.72433
AUDCHF.	20-08-18	09:32-11:30			0.72804	20-08-18 09:50	636.5088761	Other	NA	Electronic	0.72804	0.72808
AUDCHF.	20-08-18	13:32-15:30			0.7264	20-08-18 13:40	1909.526628	Other	NA	Electronic	0.7264	0.72644
AUDCHF.	20-08-18	15:32-17:30			0.72737	20-08-18 16:40	3182.544381	Other	NA	Electronic	0.72733	0.72737
AUDCHF.	21-08-18	13:32-15:30			0.7256	21-08-18 13:46	1273.017752	Other	NA	Electronic	0.72555	0.7256
AUDCHF.	21-08-18	15:32-17:30			0.72623	21-08-18 16:00	3182.544381	Other	NA	Electronic	0.72619	0.72623
AUDCHF.	22-08-18	09:32-11:30			0.72196	22-08-18 09:50	2546.035504	Other	NA	Electronic	0.72193	0.72196
AUDCHF.	22-08-18	11:30-11:32	0.72307	1273.017752								



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AUDCHF.	22-08-18	15:32-17:30			0.72243	22-08-18 17:08	1909.526628	Other	NA	Electronic	0.7224	0.72243
AUDCHF.	23-08-18	09:32-11:30			0.71748	23-08-18 10:13	636.5088761	Other	NA	Electronic	0.71748	0.71752
AUDCHF.	23-08-18	11:32-13:30			0.71618	23-08-18 11:58	4455.562133	Other	NA	Electronic	0.71618	0.71621
AUDCHF.	23-08-18	13:32-15:30			0.71592	23-08-18 15:14	1273.017752	Other	NA	Electronic	0.71592	0.71594
AUDCHF.	23-08-18	15:32-17:30			0.71538	23-08-18 15:44	1273.017752	Other	NA	Electronic	0.71535	0.71538
AUDCHF.	24-08-18	09:32-11:30			0.71661	24-08-18 10:12	190952.6628	Other	NA	Electronic	0.71657	0.71661
AUDCHF.	24-08-18	11:32-13:30			0.71876	24-08-18 11:39	1273.017752	Other	NA	Electronic	0.71876	0.7188
AUDCHF.	24-08-18	13:32-15:30			0.71906	24-08-18 13:37	5728.579885	Other	NA	Electronic	0.71906	0.71909
AUDCHF.	24-08-18	15:32-17:30			0.72004	24-08-18 17:21	636.5088761	Other	NA	Electronic	0.71998	0.72004
AUDCHF.	28-08-18	09:30-09:32	0.71789	1273.017752								
AUDCHF.	28-08-18	11:32-13:30			0.71734	28-08-18 12:57	1273.017752	Other	NA	Electronic	0.71731	0.71734
AUDCHF.	28-08-18	13:32-15:30			0.71757	28-08-18 14:00	3182.544381	Other	NA	Electronic	0.71752	0.71757
AUDCHF.	28-08-18	15:32-17:30			0.71691	28-08-18 16:07	1273.017752	Other	NA	Electronic	0.71688	0.71691
AUDCHF.	29-08-18	09:32-11:30			0.71354	29-08-18 11:10	1909.526628	Other	NA	Electronic	0.71354	0.71358
AUDCHF.	29-08-18	11:32-13:30			0.71277	29-08-18 11:33	3182.544381	Other	NA	Electronic	0.71277	0.71281

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AUDCHF.	29-08-18	13:32-15:30			0.70937	29-08-18 13:41	5728.579885	Other	NA	Electronic	0.70937	0.70941
AUDCHF.	30-08-18	09:32-11:30			0.70822	30-08-18 11:13	636.5088761	Other	NA	Electronic	0.70818	0.70822
AUDCHF.	30-08-18	15:32-17:30			0.70496	30-08-18 16:21	1273.017752	Other	NA	Electronic	0.70492	0.70496
AUDCHF.	31-08-18	09:32-11:30			0.69996	31-08-18 10:08	5728.579885	Other	NA	Electronic	0.69992	0.69996
AUDCHF.	31-08-18	11:32-13:30			0.69937	31-08-18 12:10	5728.579885	Other	NA	Electronic	0.69937	0.69941
AUDCHF.	31-08-18	13:32-15:30			0.70006	31-08-18 14:17	636.5088761	Other	NA	Electronic	0.70006	0.7001
AUDCHF.	31-08-18	15:32-17:30			0.69852	31-08-18 15:37	6365.088761	Other	NA	Electronic	0.69852	0.69856
AUDCHF.	03-09-18	11:32-13:30			0.69986	03-09-18 12:56	3182.544381	Other	NA	Electronic	0.69986	0.6999
AUDCHF.	03-09-18	13:32-15:30			0.69989	03-09-18 13:35	1273.017752	Other	NA	Electronic	0.69989	0.69993
AUDCHF.	03-09-18	15:32-17:30			0.69898	03-09-18 16:34	1909.526628	Other	NA	Electronic	0.69893	0.69898
AUDCHF.	04-09-18	09:30-09:32	0.69848	19095.26628								
AUDCHF.	04-09-18	11:32-13:30			0.70003	04-09-18 12:19	636.5088761	Other	NA	Electronic	0.70003	0.70007
AUDCHF.	04-09-18	15:32-17:30			0.69974	04-09-18 17:04	1273.017752	Other	NA	Electronic	0.69968	0.69974
AUDCHF.	05-09-18	09:32-11:30			0.69865	05-09-18 10:00	636.5088761	Other	NA	Electronic	0.69862	0.69865
AUDCHF.	05-09-18	11:32-13:30			0.69944	05-09-18 12:04	1909.526628	Other	NA	Electronic	0.6994	0.69944

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	05-09-18	15:32-17:30			0.69835	05-09-18 15:41	3182.544381	Other	NA	Electronic	0.69835	0.69839
AUDCHF.	06-09-18	09:32-11:30			0.69669	06-09-18 10:36	6365.088761	Other	NA	Electronic	0.69666	0.69669
AUDCHF.	06-09-18	11:32-13:30			0.6974	06-09-18 13:00	3182.544381	Other	NA	Electronic	0.6974	0.69744
AUDCHF.	06-09-18	13:32-15:30			0.6969	06-09-18 13:55	19731.77516	Other	NA	Electronic	0.6969	0.69694
AUDCHF.	06-09-18	15:32-17:30			0.69571	06-09-18 16:29	19731.77516	Other	NA	Electronic	0.69568	0.69571
AUDCHF.	07-09-18	11:32-13:30			0.69018	07-09-18 12:34	3182.544381	Other	NA	Electronic	0.69018	0.69022
AUDCHF.	07-09-18	13:32-15:30			0.69054	07-09-18 13:58	1909.526628	Other	NA	Electronic	0.69049	0.69054
AUDCHF.	07-09-18	15:32-17:30			0.68967	07-09-18 16:09	3182.544381	Other	NA	Electronic	0.6896	0.68967
AUDCHF.	10-09-18	09:30-09:32	0.69268	6365.088761								
AUDCHF.	10-09-18	11:32-13:30			0.69366	10-09-18 11:36	6365.088761	Other	NA	Electronic	0.69366	0.6937
AUDCHF.	10-09-18	13:32-15:30			0.69324	10-09-18 13:33	6365.088761	Other	NA	Electronic	0.6932	0.69324
AUDCHF.	11-09-18	09:32-11:30			0.69202	11-09-18 09:46	3182.544381	Other	NA	Electronic	0.69198	0.69202
AUDCHF.	11-09-18	11:32-13:30			0.69093	11-09-18 12:58	636.5088761	Other	NA	Electronic	0.69089	0.69093
AUDCHF.	11-09-18	15:32-17:30			0.6921	11-09-18 16:10	636.5088761	Other	NA	Electronic	0.69207	0.6921
AUDCHF.	12-09-18	09:32-11:30			0.69294	12-09-18 09:58	636.5088761	Other	NA	Electronic	0.6929	0.69294

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHF.	12-09-18	11:32-13:30			0.69316	12-09-18 13:12	636.5088761	Other	NA	Electronic	0.69316	0.6932
AUDCHF.	12-09-18	13:32-15:30			0.69308	12-09-18 14:06	636.5088761	Other	NA	Electronic	0.69305	0.69308
AUDCHF.	12-09-18	15:32-17:30			0.69653	12-09-18 15:35	636.5088761	Other	NA	Electronic	0.69653	0.69657
AUDCHF.	13-09-18	09:32-11:30			0.69683	13-09-18 11:15	636.5088761	Other	NA	Electronic	0.69683	0.69687
AUDCHF.	13-09-18	11:32-13:30			0.69876	13-09-18 12:39	636.5088761	Other	NA	Electronic	0.69872	0.69876
AUDCHF.	13-09-18	13:32-15:30			0.69656	13-09-18 14:19	636.5088761	Other	NA	Electronic	0.69656	0.69659
AUDCHF.	13-09-18	15:32-17:30			0.69609	13-09-18 17:09	1273.017752	Other	NA	Electronic	0.69603	0.69609
AUDCHF.	14-09-18	09:32-11:30			0.69318	14-09-18 11:29	5728.579885	Other	NA	Electronic	0.69318	0.69323
AUDCHF.	14-09-18	11:32-13:30			0.69308	14-09-18 11:46	1273.017752	Other	NA	Electronic	0.69305	0.69308
AUDCHF.	14-09-18	13:32-15:30			0.6938	14-09-18 13:44	636.5088761	Other	NA	Electronic	0.6938	0.69384
AUDCHF.	14-09-18	15:32-17:30			0.69234	14-09-18 17:03	1273.017752	Other	NA	Electronic	0.69226	0.69233
AUDCHF.	17-09-18	09:32-11:30			0.69236	17-09-18 09:58	1273.017752	Other	NA	Electronic	0.69236	0.69241
AUDCHF.	17-09-18	11:32-13:30			0.69148	17-09-18 11:34	6365.088761	Other	NA	Electronic	0.69145	0.69148
AUDCHF.	17-09-18	13:32-15:30			0.69133	17-09-18 15:25	636.5088761	Other	NA	Electronic	0.69129	0.69133
AUDCHF.	18-09-18	09:32-11:30			0.69309	18-09-18 10:57	1273.017752	Other	NA	Electronic	0.69309	0.69313

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AUDCHF.	18-09-18	11:32-13:30			0.69245	18-09-18 12:05	1273.017752	Other	NA	Electronic	0.69241	0.69245
AUDCHF.	18-09-18	13:32-15:30			0.69369	18-09-18 14:55	2546.035504	Other	NA	Electronic	0.69369	0.69372
AUDCHF.	18-09-18	15:32-17:30			0.6945	18-09-18 15:43	636.5088761	Other	NA	Electronic	0.69446	0.6945
AUDCHF.	19-09-18	09:32-11:30			0.70083	19-09-18 09:43	6365.088761	Other	NA	Electronic	0.70083	0.70086
AUDCHF.	19-09-18	11:32-13:30			0.70221	19-09-18 11:47	1909.526628	Other	NA	Electronic	0.70217	0.70221
AUDCHF.	19-09-18	13:32-15:30			0.70276	19-09-18 15:02	1273.017752	Other	NA	Electronic	0.70276	0.7028
AUDCHF.	19-09-18	15:32-17:30			0.70263	19-09-18 17:12	1273.017752	Other	NA	Electronic	0.70256	0.70263
AUDCHF.	20-09-18	09:32-11:30			0.70239	20-09-18 09:53	1909.526628	Other	NA	Electronic	0.70235	0.70239
AUDCHF.	20-09-18	11:32-13:30			0.7005	20-09-18 11:59	636.5088761	Other	NA	Electronic	0.7005	0.70053
AUDCHF.	20-09-18	13:32-15:30			0.69917	20-09-18 14:29	1273.017752	Other	NA	Electronic	0.69914	0.69917
AUDCHF.	21-09-18	09:32-11:30			0.69687	21-09-18 09:36	3182.544381	Other	NA	Electronic	0.69687	0.69691
AUDCHF.	21-09-18	11:32-13:30			0.69487	21-09-18 12:15	636.5088761	Other	NA	Electronic	0.69476	0.69487
AUDCHF.	21-09-18	13:32-15:30			0.69623	21-09-18 13:50	636.5088761	Other	NA	Electronic	0.6962	0.69623
AUDCHF.	21-09-18	15:32-17:30			0.69844	21-09-18 15:48	636.5088761	Other	NA	Electronic	0.69841	0.69844
AUDCHF.	24-09-18	15:32-17:30			0.69869	24-09-18 17:10	636.5088761	Other	NA	Electronic	0.69862	0.69869

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AUDCHF.	25-09-18	11:32-13:30			0.70025	25-09-18 11:42	1909.526628	Other	NA	Electronic	0.70022	0.70025
AUDCHF.	25-09-18	13:32-15:30			0.70044	25-09-18 14:01	6365.088761	Other	NA	Electronic	0.7004	0.70044
AUDCHF.	25-09-18	15:32-17:30			0.69919	25-09-18 16:13	9547.633142	Other	NA	Electronic	0.69919	0.69923
AUDCHF.	26-09-18	09:32-11:30			0.70132	26-09-18 09:34	1909.526628	Other	NA	Electronic	0.70132	0.70135
AUDCHF.	26-09-18	11:32-13:30			0.70205	26-09-18 11:50	636.5088761	Other	NA	Electronic	0.70202	0.70205
AUDCHF.	26-09-18	13:32-15:30			0.70269	26-09-18 13:35	636.5088761	Other	NA	Electronic	0.70269	0.70273
AUDCHF.	26-09-18	15:32-17:30			0.70112	26-09-18 17:23	636.5088761	Other	NA	Electronic	0.70105	0.70112
AUDCHF.	27-09-18	11:32-13:30			0.70191	27-09-18 12:26	1273.017752	Other	NA	Electronic	0.70191	0.70195
AUDCHF.	27-09-18	13:30-13:32	0.70323	636.5088761								
AUDCHF.	27-09-18	15:32-17:30			0.70571	27-09-18 16:08	5728.579885	Other	NA	Electronic	0.70567	0.70571
AUDCHF.	28-09-18	09:32-11:30			0.70314	28-09-18 09:52	636.5088761	Other	NA	Electronic	0.70311	0.70314
AUDCHF.	28-09-18	15:32-17:30			0.70602	28-09-18 16:20	636.5088761	Other	NA	Electronic	0.70597	0.70602
AUDCHFmicro	02-07-18	09:32-11:30			0.73133	02-07-18 09:52	31.82544381	Other	NA	Electronic	0.73133	0.73167
AUDCHFmicro	02-07-18	11:32-13:30			0.73067	02-07-18 11:55	38.19053257	Other	NA	Electronic	0.73067	0.73099
AUDCHFmicro	02-07-18	13:32-15:30			0.73051	02-07-18 13:34	509.2071009	Other	NA	Electronic	0.73053	0.73084

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AUDCHFmicro	02-07-18	15:32-17:30			0.72815	02-07-18 15:37	954.7633142	Other	NA	Electronic	0.72782	0.72815
AUDCHFmicro	03-07-18	09:30-09:32	0.73408	432.8260358								
AUDCHFmicro	03-07-18	11:32-13:30			0.73499	03-07-18 11:59	541.0325447	Other	NA	Electronic	0.73466	0.73499
AUDCHFmicro	03-07-18	13:30-13:32	0.73336	254.6035504								
AUDCHFmicro	03-07-18	15:32-17:30			0.73269	03-07-18 15:34	63.65088761	Other	NA	Electronic	0.73236	0.73269
AUDCHFmicro	04-07-18	09:32-11:30			0.73335	04-07-18 09:44	63.65088761	Other	NA	Electronic	0.73302	0.73335
AUDCHFmicro	04-07-18	11:32-13:30			0.73365	04-07-18 11:59	808.3662727	Other	NA	Electronic	0.73332	0.73365
AUDCHFmicro	04-07-18	13:32-15:30			0.73298	04-07-18 13:47	636.5088761	Other	NA	Electronic	0.73298	0.7333
AUDCHFmicro	04-07-18	15:32-17:30			0.73367	04-07-18 16:03	318.2544381	Other	NA	Electronic	0.73335	0.73367
AUDCHFmicro	05-07-18	09:32-11:30			0.73286	05-07-18 10:23	3182.544381	Other	NA	Electronic	0.73286	0.7332
AUDCHFmicro	05-07-18	11:32-13:30			0.73365	05-07-18 11:32	636.5088761	Other	NA	Electronic	0.73331	0.73365
AUDCHFmicro	05-07-18	13:32-15:30			0.73381	05-07-18 13:35	954.7633142	Other	NA	Electronic	0.73381	0.73414
AUDCHFmicro	05-07-18	15:32-17:30			0.73329	05-07-18 15:37	63.65088761	Other	NA	Electronic	0.73295	0.73329
AUDCHFmicro	06-07-18	09:30-09:32	0.73569	318.2544381								
AUDCHFmicro	06-07-18	11:32-13:30			0.73551	06-07-18 11:40	6.365088761	Other	NA	Electronic	0.73551	0.73585

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AUDCHFmicro	06-07-18	13:32-15:30			0.73405	06-07-18 13:32	63.65088761	Other	NA	Electronic	0.73405	0.73439
AUDCHFmicro	06-07-18	15:32-17:30			0.73481	06-07-18 15:52	63.65088761	Other	NA	Electronic	0.73448	0.73481
AUDCHFmicro	09-07-18	09:32-11:30			0.73867	09-07-18 09:33	76.38106513	Other	NA	Electronic	0.73867	0.739
AUDCHFmicro	09-07-18	11:32-13:30			0.73847	09-07-18 11:37	63.65088761	Other	NA	Electronic	0.73847	0.73881
AUDCHFmicro	09-07-18	13:32-15:30			0.73959	09-07-18 13:32	63.65088761	Other	NA	Electronic	0.73959	0.73992
AUDCHFmicro	09-07-18	15:30-15:32	0.74013	3309.846156								
AUDCHFmicro	10-07-18	09:32-11:30			0.73936	10-07-18 09:43	6.365088761	Other	NA	Electronic	0.73906	0.73936
AUDCHFmicro	10-07-18	11:32-13:30			0.73982	10-07-18 11:36	3182.544381	Other	NA	Electronic	0.73949	0.73982
AUDCHFmicro	10-07-18	13:30-13:32	0.74102	70.01597637								
AUDCHFmicro	10-07-18	15:30-15:32	0.7411	6.365088761								
AUDCHFmicro	11-07-18	09:30-09:32	0.73515	254.6035504								
AUDCHFmicro	11-07-18	11:32-13:30			0.73558	11-07-18 11:37	636.5088761	Other	NA	Electronic	0.73524	0.73558
AUDCHFmicro	11-07-18	13:30-13:32	0.73331	2546.035504								
AUDCHFmicro	11-07-18	15:32-17:30			0.7347	11-07-18 15:32	63.65088761	Other	NA	Electronic	0.73437	0.7347
AUDCHFmicro	12-07-18	09:30-09:32	0.7363	8363.726632								



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AUDCHFmicro	12-07-18	11:32-13:30			0.73669	12-07-18 11:41	636.5088761	Other	NA	Electronic	0.73669	0.73703
AUDCHFmicro	12-07-18	13:30-13:32	0.74049	76.38106513								
AUDCHFmicro	12-07-18	15:30-15:32	0.74212	12.73017752								
AUDCHFmicro	13-07-18	09:32-11:30			0.7409	13-07-18 09:37	6.365088761	Other	NA	Electronic	0.74056	0.7409
AUDCHFmicro	13-07-18	11:32-13:30			0.74185	13-07-18 11:37	381.9053257	Other	NA	Electronic	0.74152	0.74185
AUDCHFmicro	13-07-18	13:32-15:30			0.74321	13-07-18 13:39	63.65088761	Other	NA	Electronic	0.74287	0.74321
AUDCHFmicro	13-07-18	15:32-17:30			0.74379	13-07-18 15:33	19.09526628	Other	NA	Electronic	0.74346	0.74379
AUDCHFmicro	16-07-18	09:32-11:30			0.7437	16-07-18 09:38	9611.284029	Other	NA	Electronic	0.74336	0.7437
AUDCHFmicro	16-07-18	11:32-13:30			0.74166	16-07-18 11:32	254.6035504	Other	NA	Electronic	0.74132	0.74165
AUDCHFmicro	16-07-18	13:32-15:30			0.74095	16-07-18 13:40	63.65088761	Other	NA	Electronic	0.74095	0.74129
AUDCHFmicro	16-07-18	15:30-15:32	0.74006	1273.017752								
AUDCHFmicro	17-07-18	09:30-09:32	0.73878	63.65088761								
AUDCHFmicro	17-07-18	11:32-13:30			0.737	17-07-18 11:34	12.73017752	Other	NA	Electronic	0.73669	0.737
AUDCHFmicro	17-07-18	13:30-13:32	0.73682	1273.017752								
AUDCHFmicro	17-07-18	15:32-17:30			0.73811	17-07-18 15:54	108.2065089	Other	NA	Electronic	0.73811	0.73844

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AUDCHFmicro	18-07-18	09:32-11:30			0.73615	18-07-18 09:39	3182.544381	Other	NA	Electronic	0.73615	0.73645
AUDCHFmicro	18-07-18	11:32-13:30			0.73594	18-07-18 11:43	642.8739649	Other	NA	Electronic	0.73562	0.73594
AUDCHFmicro	18-07-18	13:32-15:30			0.73619	18-07-18 13:40	19.09526628	Other	NA	Electronic	0.73586	0.73619
AUDCHFmicro	18-07-18	15:30-15:32	0.7381	1279.382841								
AUDCHFmicro	19-07-18	09:32-11:30			0.73669	19-07-18 09:35	636.5088761	Other	NA	Electronic	0.73636	0.73669
AUDCHFmicro	19-07-18	11:32-13:30			0.73598	19-07-18 11:34	63.65088761	Other	NA	Electronic	0.73564	0.73598
AUDCHFmicro	19-07-18	13:32-15:30			0.7355	19-07-18 13:34	63.65088761	Other	NA	Electronic	0.7355	0.73584
AUDCHFmicro	19-07-18	15:30-15:32	0.73439	617.4136098								
AUDCHFmicro	20-07-18	09:32-11:30			0.73614	20-07-18 09:46	63.65088761	Other	NA	Electronic	0.73614	0.73648
AUDCHFmicro	20-07-18	11:32-13:30			0.73524	20-07-18 12:13	127.3017752	Other	NA	Electronic	0.73524	0.73557
AUDCHFmicro	20-07-18	13:32-15:30			0.73713	20-07-18 13:32	3188.909469	Other	NA	Electronic	0.73713	0.73746
AUDCHFmicro	20-07-18	15:32-17:30			0.73719	20-07-18 15:42	636.5088761	Other	NA	Electronic	0.73719	0.73753
AUDCHFmicro	23-07-18	09:32-11:30			0.73454	23-07-18 09:39	636.5088761	Other	NA	Electronic	0.73454	0.73488
AUDCHFmicro	23-07-18	11:30-11:32	0.73429	636.5088761								
AUDCHFmicro	23-07-18	13:30-13:32	0.73235	19.09526628								

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AUDCHFmicro	23-07-18	15:32-17:30			0.73282	23-07-18 15:44	1909.526628	Other	NA	Electronic	0.7325	0.73282
AUDCHFmicro	24-07-18	09:30-09:32	0.73422	763.8106513								
AUDCHFmicro	24-07-18	11:32-13:30			0.73575	24-07-18 11:35	636.5088761	Other	NA	Electronic	0.73541	0.73575
AUDCHFmicro	24-07-18	13:30-13:32	0.73629	770.1757401								
AUDCHFmicro	24-07-18	15:32-17:30			0.73709	24-07-18 15:41	636.5088761	Other	NA	Electronic	0.73709	0.73743
AUDCHFmicro	25-07-18	09:32-11:30			0.73531	25-07-18 09:37	38.19053257	Other	NA	Electronic	0.73531	0.73565
AUDCHFmicro	25-07-18	11:30-11:32	0.73481	763.8106513								
AUDCHFmicro	25-07-18	13:32-15:30			0.73662	25-07-18 13:50	190.9526628	Other	NA	Electronic	0.73662	0.73695
AUDCHFmicro	25-07-18	15:32-17:30			0.73675	25-07-18 15:35	490.1118346	Other	NA	Electronic	0.73641	0.73675
AUDCHFmicro	26-07-18	09:32-11:30			0.73769	26-07-18 10:33	1909.526628	Other	NA	Electronic	0.73769	0.73802
AUDCHFmicro	26-07-18	11:32-13:30			0.73633	26-07-18 11:32	63.65088761	Other	NA	Electronic	0.73634	0.73668
AUDCHFmicro	26-07-18	13:32-15:30			0.73495	26-07-18 13:44	2546.035504	Other	NA	Electronic	0.73465	0.73498
AUDCHFmicro	26-07-18	15:30-15:32	0.73418	63.65088761								
AUDCHFmicro	27-07-18	09:30-09:32	0.7353	763.8106513								
AUDCHFmicro	27-07-18	11:32-13:30			0.73542	27-07-18 12:04	1273.017752	Other	NA	Electronic	0.73542	0.73575

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AUDCHFmicro	27-07-18	13:32-15:30			0.73649	27-07-18 13:32	63.65088761	Other	NA	Electronic	0.73616	0.73649
AUDCHFmicro	27-07-18	15:30-15:32	0.73679	63.65088761								
AUDCHFmicro	30-07-18	09:30-09:32	0.73402	795.6360951								
AUDCHFmicro	30-07-18	11:30-11:32	0.73434	63.65088761								
AUDCHFmicro	30-07-18	13:30-13:32	0.73361	477.3816571								
AUDCHFmicro	30-07-18	15:32-17:30			0.73252	30-07-18 15:32	6.365088761	Other	NA	Electronic	0.73219	0.73252
AUDCHFmicro	31-07-18	09:30-09:32	0.73358	636.5088761								
AUDCHFmicro	31-07-18	11:32-13:30			0.73365	31-07-18 12:13	350.0798819	Other	NA	Electronic	0.73333	0.73365
AUDCHFmicro	31-07-18	13:30-13:32	0.73457	19.09526628								
AUDCHFmicro	31-07-18	15:30-15:32	0.73558	190.9526628								
AUDCHFmicro	01-08-18	09:30-09:32	0.73485	127.3017752								
AUDCHFmicro	01-08-18	11:30-11:32	0.73494	63.65088761								
AUDCHFmicro	01-08-18	13:32-15:30			0.73494	01-08-18 13:39	127.3017752	Other	NA	Electronic	0.73494	0.73527
AUDCHFmicro	01-08-18	15:32-17:30			0.73486	01-08-18 15:33	63.65088761	Other	NA	Electronic	0.73453	0.73486
AUDCHFmicro	02-08-18	09:32-11:30			0.73249	02-08-18 09:32	63.65088761	Other	NA	Electronic	0.73216	0.73249

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AUDCHFmicro	02-08-18	11:32-13:30			0.73211	02-08-18 11:34	63.65088761	Other	NA	Electronic	0.73211	0.73244
AUDCHFmicro	02-08-18	13:32-15:30			0.73273	02-08-18 13:32	636.5088761	Other	NA	Electronic	0.7324	0.73273
AUDCHFmicro	02-08-18	15:32-17:30			0.73345	02-08-18 15:48	127.3017752	Other	NA	Electronic	0.73345	0.73377
AUDCHFmicro	03-08-18	09:30-09:32	0.73236	636.5088761								
AUDCHFmicro	03-08-18	11:30-11:32	0.73532	64612.01601								
AUDCHFmicro	03-08-18	13:32-15:30			0.73454	03-08-18 13:36	254.6035504	Other	NA	Electronic	0.73421	0.73454
AUDCHFmicro	03-08-18	15:32-17:30			0.73514	03-08-18 15:52	572.8579885	Other	NA	Electronic	0.73481	0.73514
AUDCHFmicro	06-08-18	09:30-09:32	0.73651	6.365088761								
AUDCHFmicro	06-08-18	11:32-13:30			0.73677	06-08-18 11:34	31.82544381	Other	NA	Electronic	0.73644	0.73677
AUDCHFmicro	06-08-18	13:30-13:32	0.73646	6.365088761								
AUDCHFmicro	06-08-18	15:32-17:30			0.73647	06-08-18 15:43	127.3017752	Other	NA	Electronic	0.73647	0.73679
AUDCHFmicro	07-08-18	09:32-11:30			0.74012	07-08-18 09:32	127.3017752	Other	NA	Electronic	0.73979	0.74012
AUDCHFmicro	07-08-18	11:32-13:30			0.73892	07-08-18 11:39	31.82544381	Other	NA	Electronic	0.73892	0.73924
AUDCHFmicro	07-08-18	13:32-15:30			0.73906	07-08-18 13:32	254.6035504	Other	NA	Electronic	0.73873	0.73906
AUDCHFmicro	07-08-18	15:32-17:30			0.73864	07-08-18 16:01	19.09526628	Other	NA	Electronic	0.73864	0.73896

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AUDCHFmicro	08-08-18	09:32-11:30			0.73826	08-08-18 09:34	636.5088761	Other	NA	Electronic	0.73793	0.73826
AUDCHFmicro	08-08-18	11:32-13:30			0.73824	08-08-18 12:01	63.65088761	Other	NA	Electronic	0.7379	0.73824
AUDCHFmicro	08-08-18	13:32-15:30			0.73747	08-08-18 13:36	95.47633142	Other	NA	Electronic	0.73714	0.73747
AUDCHFmicro	08-08-18	15:32-17:30			0.73745	08-08-18 15:41	127.3017752	Other	NA	Electronic	0.73745	0.73777
AUDCHFmicro	09-08-18	09:32-11:30			0.73743	09-08-18 09:32	636.5088761	Other	NA	Electronic	0.73743	0.73776
AUDCHFmicro	09-08-18	11:32-13:30			0.73718	09-08-18 11:36	63.65088761	Other	NA	Electronic	0.73685	0.73718
AUDCHFmicro	09-08-18	13:30-13:32	0.73565	203.6828404								
AUDCHFmicro	09-08-18	15:32-17:30			0.73279	09-08-18 15:35	318.2544381	Other	NA	Electronic	0.73246	0.73279
AUDCHFmicro	10-08-18	09:32-11:30			0.7268	10-08-18 09:36	6.365088761	Other	NA	Electronic	0.7268	0.72713
AUDCHFmicro	10-08-18	11:32-13:30			0.72694	10-08-18 11:53	50.92071009	Other	NA	Electronic	0.7266	0.72694
AUDCHFmicro	10-08-18	13:30-13:32	0.72533	127.3017752								
AUDCHFmicro	10-08-18	15:32-17:30			0.72661	10-08-18 15:34	700.1597637	Other	NA	Electronic	0.72661	0.72694
AUDCHFmicro	13-08-18	09:32-11:30			0.72359	13-08-18 09:38	63.65088761	Other	NA	Electronic	0.72359	0.72393
AUDCHFmicro	13-08-18	11:32-13:30			0.72317	13-08-18 11:38	63.65088761	Other	NA	Electronic	0.72283	0.72317
AUDCHFmicro	13-08-18	13:32-15:30			0.72448	13-08-18 13:58	6365.088761	Other	NA	Electronic	0.72415	0.72448

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AUDCHFmicro	13-08-18	15:32-17:30			0.72294	13-08-18 15:42	127.3017752	Other	NA	Electronic	0.72261	0.72294
AUDCHFmicro	14-08-18	09:32-11:30			0.71999	14-08-18 09:33	63.65088761	Other	NA	Electronic	0.71966	0.71999
AUDCHFmicro	14-08-18	11:30-11:32	0.71961	509.2071009								
AUDCHFmicro	14-08-18	13:30-13:32	0.71909	12.73017752								
AUDCHFmicro	14-08-18	15:30-15:32	0.719	127.3017752								
AUDCHFmicro	15-08-18	09:32-11:30			0.72104	15-08-18 09:32	127.3017752	Other	NA	Electronic	0.72104	0.72136
AUDCHFmicro	15-08-18	11:32-13:30			0.7196	15-08-18 11:32	63.65088761	Other	NA	Electronic	0.71927	0.7196
AUDCHFmicro	15-08-18	13:32-15:30			0.72103	15-08-18 13:39	190.9526628	Other	NA	Electronic	0.7207	0.72103
AUDCHFmicro	15-08-18	15:32-17:30			0.71862	15-08-18 15:46	1273.017752	Other	NA	Electronic	0.71862	0.71896
AUDCHFmicro	16-08-18	09:32-11:30			0.72206	16-08-18 09:35	127.3017752	Other	NA	Electronic	0.72205	0.72238
AUDCHFmicro	16-08-18	11:32-13:30			0.72211	16-08-18 11:33	25.46035504	Other	NA	Electronic	0.72211	0.72244
AUDCHFmicro	16-08-18	13:30-13:32	0.72315	3067.972783								
AUDCHFmicro	16-08-18	15:32-17:30			0.72398	16-08-18 15:32	6.365088761	Other	NA	Electronic	0.72398	0.72431
AUDCHFmicro	17-08-18	09:32-11:30			0.7238	17-08-18 09:39	12.73017752	Other	NA	Electronic	0.7238	0.72413
AUDCHFmicro	17-08-18	11:32-13:30			0.72355	17-08-18 11:40	63.65088761	Other	NA	Electronic	0.72355	0.72388

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AUDCHFmicro	17-08-18	13:32-15:30			0.72457	17-08-18 13:36	76.38106513	Other	NA	Electronic	0.72457	0.7249
AUDCHFmicro	17-08-18	15:32-17:30			0.72445	17-08-18 16:53	6.365088761	Other	NA	Electronic	0.72412	0.72445
AUDCHFmicro	20-08-18	09:32-11:30			0.72836	20-08-18 09:36	31.82544381	Other	NA	Electronic	0.72803	0.72836
AUDCHFmicro	20-08-18	11:32-13:30			0.72687	20-08-18 11:34	3182.544381	Other	NA	Electronic	0.72687	0.7272
AUDCHFmicro	20-08-18	13:32-15:30			0.72648	20-08-18 13:33	6.365088761	Other	NA	Electronic	0.72615	0.72648
AUDCHFmicro	20-08-18	15:32-17:30			0.72696	20-08-18 15:38	6.365088761	Other	NA	Electronic	0.72664	0.72696
AUDCHFmicro	21-08-18	09:32-11:30			0.72691	21-08-18 10:03	6.365088761	Other	NA	Electronic	0.72657	0.72691
AUDCHFmicro	21-08-18	11:32-13:30			0.72625	21-08-18 11:42	63.65088761	Other	NA	Electronic	0.72625	0.72657
AUDCHFmicro	21-08-18	13:30-13:32	0.7251	127.3017752								
AUDCHFmicro	21-08-18	15:32-17:30			0.72603	21-08-18 15:44	6.365088761	Other	NA	Electronic	0.72603	0.72636
AUDCHFmicro	22-08-18	09:32-11:30			0.72211	22-08-18 09:37	190.9526628	Other	NA	Electronic	0.72211	0.72244
AUDCHFmicro	22-08-18	11:30-11:32	0.72319	63.65088761								
AUDCHFmicro	22-08-18	13:32-15:30			0.7223	22-08-18 13:34	63.65088761	Other	NA	Electronic	0.72196	0.7223
AUDCHFmicro	22-08-18	15:30-15:32	0.72233	254.6035504								
AUDCHFmicro	23-08-18	09:32-11:30			0.71751	23-08-18 09:33	63.65088761	Other	NA	Electronic	0.71719	0.71751



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AUDCHFmicro	23-08-18	11:32-13:30			0.71664	23-08-18 11:55	7638.106513	Other	NA	Electronic	0.71632	0.71664
AUDCHFmicro	23-08-18	13:32-15:30			0.71624	23-08-18 13:34	63.65088761	Other	NA	Electronic	0.71591	0.71624
AUDCHFmicro	23-08-18	15:32-17:30			0.71518	23-08-18 15:39	6.365088761	Other	NA	Electronic	0.71518	0.71551
AUDCHFmicro	24-08-18	09:32-11:30			0.71569	24-08-18 09:40	827.461539	Other	NA	Electronic	0.71569	0.71602
AUDCHFmicro	24-08-18	11:30-11:32	0.71808	76.38106513								
AUDCHFmicro	24-08-18	13:30-13:32	0.71932	636.5088761								
AUDCHFmicro	24-08-18	15:32-17:30			0.72031	24-08-18 15:48	1909.526628	Other	NA	Electronic	0.72031	0.72064
AUDCHFmicro	27-08-18	09:32-11:30			0.71853	27-08-18 09:33	2546.035504	Other	NA	Electronic	0.71853	0.71886
AUDCHFmicro	27-08-18	11:32-13:30			0.7196	27-08-18 11:39	1273.017752	Other	NA	Electronic	0.71927	0.7196
AUDCHFmicro	27-08-18	13:32-15:30			0.7204	27-08-18 13:55	63.65088761	Other	NA	Electronic	0.72007	0.7204
AUDCHFmicro	27-08-18	15:32-17:30			0.71982	27-08-18 15:53	630.1437874	Other	NA	Electronic	0.71982	0.72015
AUDCHFmicro	28-08-18	09:32-11:30			0.71811	28-08-18 09:43	190.9526628	Other	NA	Electronic	0.71778	0.71811
AUDCHFmicro	28-08-18	11:32-13:30			0.71775	28-08-18 11:35	6.365088761	Other	NA	Electronic	0.71742	0.71775
AUDCHFmicro	28-08-18	13:32-15:30			0.71727	28-08-18 13:40	318.2544381	Other	NA	Electronic	0.71727	0.7176
AUDCHFmicro	28-08-18	15:32-17:30			0.71687	28-08-18 15:36	190.9526628	Other	NA	Electronic	0.71657	0.71687

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AUDCHFmicro	29-08-18	09:32-11:30			0.71407	29-08-18 09:38	120.9366865	Other	NA	Electronic	0.71373	0.71407
AUDCHFmicro	29-08-18	11:30-11:32	0.71282	4531.943198								
AUDCHFmicro	29-08-18	13:30-13:32	0.71038	292.794083								
AUDCHFmicro	29-08-18	15:30-15:32	0.70994	31.82544381								
AUDCHFmicro	30-08-18	09:32-11:30			0.70743	30-08-18 09:32	127.3017752	Other	NA	Electronic	0.7071	0.70743
AUDCHFmicro	30-08-18	11:32-13:30			0.70802	30-08-18 11:50	636.5088761	Other	NA	Electronic	0.70769	0.70802
AUDCHFmicro	30-08-18	13:32-15:30			0.70723	30-08-18 13:33	6.365088761	Other	NA	Electronic	0.70723	0.70755
AUDCHFmicro	30-08-18	15:30-15:32	0.70569	12.73017752								
AUDCHFmicro	31-08-18	09:32-11:30			0.69979	31-08-18 09:34	127.3017752	Other	NA	Electronic	0.69946	0.69979
AUDCHFmicro	31-08-18	11:32-13:30			0.69884	31-08-18 11:55	4461.927222	Other	NA	Electronic	0.69884	0.69917
AUDCHFmicro	31-08-18	13:32-15:30			0.699	31-08-18 13:34	31.82544381	Other	NA	Electronic	0.69867	0.699
AUDCHFmicro	31-08-18	15:30-15:32	0.69848	1763.129587								
AUDCHFmicro	03-09-18	09:32-11:30			0.69957	03-09-18 09:34	63.65088761	Other	NA	Electronic	0.69957	0.6999
AUDCHFmicro	03-09-18	11:30-11:32	0.6988	636.5088761								
AUDCHFmicro	03-09-18	13:32-15:30			0.7	03-09-18 13:32	6.365088761	Other	NA	Electronic	0.7	0.70034

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AUDCHFmicro	03-09-18	15:32-17:30			0.69922	03-09-18 15:36	553.7627222	Other	NA	Electronic	0.6989	0.69922
AUDCHFmicro	04-09-18	09:32-11:30			0.69891	04-09-18 09:52	63.65088761	Other	NA	Electronic	0.69856	0.69891
AUDCHFmicro	04-09-18	11:32-13:30			0.6997	04-09-18 11:33	636.5088761	Other	NA	Electronic	0.69937	0.6997
AUDCHFmicro	04-09-18	13:30-13:32	0.69964	31.82544381								
AUDCHFmicro	04-09-18	15:32-17:30			0.69995	04-09-18 16:01	477.3816571	Other	NA	Electronic	0.69963	0.69995
AUDCHFmicro	05-09-18	09:32-11:30			0.69856	05-09-18 09:35	6.365088761	Other	NA	Electronic	0.69824	0.69856
AUDCHFmicro	05-09-18	11:32-13:30			0.69897	05-09-18 11:43	1279.382841	Other	NA	Electronic	0.69897	0.69929
AUDCHFmicro	05-09-18	13:32-15:30			0.69963	05-09-18 13:43	4461.927222	Other	NA	Electronic	0.6993	0.69963
AUDCHFmicro	05-09-18	15:32-17:30			0.69859	05-09-18 15:41	50.92071009	Other	NA	Electronic	0.69826	0.69859
AUDCHFmicro	06-09-18	09:32-11:30			0.69751	06-09-18 09:37	636.5088761	Other	NA	Electronic	0.69751	0.69784
AUDCHFmicro	06-09-18	11:32-13:30			0.69764	06-09-18 11:35	6.365088761	Other	NA	Electronic	0.69764	0.69798
AUDCHFmicro	06-09-18	13:32-15:30			0.69679	06-09-18 13:32	6.365088761	Other	NA	Electronic	0.69647	0.69679
AUDCHFmicro	06-09-18	15:32-17:30			0.69727	06-09-18 15:36	63.65088761	Other	NA	Electronic	0.69692	0.69725
AUDCHFmicro	07-09-18	09:32-11:30			0.69104	07-09-18 09:33	63.65088761	Other	NA	Electronic	0.69072	0.69104
AUDCHFmicro	07-09-18	11:32-13:30			0.69162	07-09-18 11:40	63.65088761	Other	NA	Electronic	0.69126	0.69162

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AUDCHFmicro	07-09-18	13:32-15:30			0.69061	07-09-18 13:39	6.365088761	Other	NA	Electronic	0.69028	0.69061
AUDCHFmicro	07-09-18	15:32-17:30			0.69167	07-09-18 15:43	63.65088761	Other	NA	Electronic	0.69134	0.69167
AUDCHFmicro	10-09-18	09:30-09:32	0.6928	1362.128995								
AUDCHFmicro	10-09-18	11:30-11:32	0.6936	636.5088761								
AUDCHFmicro	10-09-18	13:32-15:30			0.69355	10-09-18 13:42	63.65088761	Other	NA	Electronic	0.69355	0.69388
AUDCHFmicro	10-09-18	15:30-15:32	0.69323	1273.017752								
AUDCHFmicro	11-09-18	09:32-11:30			0.69217	11-09-18 09:34	6.365088761	Other	NA	Electronic	0.69217	0.69249
AUDCHFmicro	11-09-18	11:32-13:30			0.69146	11-09-18 11:32	3182.544381	Other	NA	Electronic	0.69114	0.69146
AUDCHFmicro	11-09-18	13:32-15:30			0.69053	11-09-18 13:33	1909.526628	Other	NA	Electronic	0.6902	0.69053
AUDCHFmicro	11-09-18	15:32-17:30			0.69197	11-09-18 16:00	63.65088761	Other	NA	Electronic	0.69165	0.69197
AUDCHFmicro	12-09-18	09:32-11:30			0.69329	12-09-18 09:40	254.6035504	Other	NA	Electronic	0.69297	0.69329
AUDCHFmicro	12-09-18	11:32-13:30			0.69276	12-09-18 12:09	63.65088761	Other	NA	Electronic	0.69276	0.69308
AUDCHFmicro	12-09-18	13:32-15:30			0.69247	12-09-18 13:35	184.5875741	Other	NA	Electronic	0.69247	0.69279
AUDCHFmicro	12-09-18	15:32-17:30			0.69659	12-09-18 15:32	1273.017752	Other	NA	Electronic	0.69659	0.69692
AUDCHFmicro	13-09-18	09:32-11:30			0.69619	13-09-18 10:01	3182.544381	Other	NA	Electronic	0.69586	0.69619

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDCHFmicro	13-09-18	11:32-13:30			0.69716	13-09-18 11:38	3182.544381	Other	NA	Electronic	0.69716	0.69748
AUDCHFmicro	13-09-18	13:32-15:30			0.69721	13-09-18 13:37	31.82544381	Other	NA	Electronic	0.69721	0.69753
AUDCHFmicro	13-09-18	15:30-15:32	0.69535	1909.526628								
AUDCHFmicro	14-09-18	09:32-11:30			0.69366	14-09-18 09:39	63.65088761	Other	NA	Electronic	0.69366	0.69399
AUDCHFmicro	14-09-18	11:30-11:32	0.69316	700.1597637								
AUDCHFmicro	14-09-18	13:32-15:30			0.69308	14-09-18 13:38	12.73017752	Other	NA	Electronic	0.69308	0.6934
AUDCHFmicro	14-09-18	15:32-17:30			0.69362	14-09-18 15:59	12.73017752	Other	NA	Electronic	0.69362	0.69395
AUDCHFmicro	17-09-18	09:32-11:30			0.69218	17-09-18 09:41	197.3177516	Other	NA	Electronic	0.69185	0.69218
AUDCHFmicro	17-09-18	11:32-13:30			0.69114	17-09-18 11:33	636.5088761	Other	NA	Electronic	0.69114	0.69147
AUDCHFmicro	17-09-18	13:32-15:30			0.69206	17-09-18 13:36	159.127219	Other	NA	Electronic	0.69206	0.69239
AUDCHFmicro	17-09-18	15:32-17:30			0.69161	17-09-18 15:40	1909.526628	Other	NA	Electronic	0.69128	0.69161
AUDCHFmicro	18-09-18	09:32-11:30			0.69287	18-09-18 09:58	6.365088761	Other	NA	Electronic	0.69287	0.69319
AUDCHFmicro	18-09-18	11:32-13:30			0.69261	18-09-18 11:40	63.65088761	Other	NA	Electronic	0.69228	0.69261
AUDCHFmicro	18-09-18	13:32-15:30			0.69349	18-09-18 14:05	63.65088761	Other	NA	Electronic	0.69316	0.69349
AUDCHFmicro	18-09-18	15:32-17:30			0.69378	18-09-18 15:34	31.82544381	Other	NA	Electronic	0.69378	0.69411

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AUDCHFmicro	19-09-18	09:30-09:32	0.70016	63.65088761								
AUDCHFmicro	19-09-18	11:32-13:30			0.70212	19-09-18 11:32	1273.017752	Other	NA	Electronic	0.7018	0.70212
AUDCHFmicro	19-09-18	13:30-13:32	0.70296	1037.509468								
AUDCHFmicro	19-09-18	15:32-17:30			0.70304	19-09-18 15:44	63.65088761	Other	NA	Electronic	0.70304	0.70336
AUDCHFmicro	20-09-18	09:32-11:30			0.702	20-09-18 09:43	6.365088761	Other	NA	Electronic	0.70167	0.702
AUDCHFmicro	20-09-18	11:30-11:32	0.7019	63.65088761								
AUDCHFmicro	20-09-18	13:32-15:30			0.70041	20-09-18 13:34	89.11124266	Other	NA	Electronic	0.70008	0.70041
AUDCHFmicro	20-09-18	15:30-15:32	0.69911	3188.909469								
AUDCHFmicro	21-09-18	09:30-09:32	0.69627	636.5088761								
AUDCHFmicro	21-09-18	11:30-11:32	0.69615	63.65088761								
AUDCHFmicro	21-09-18	13:32-15:30			0.69624	21-09-18 13:39	63.65088761	Other	NA	Electronic	0.69592	0.69624
AUDCHFmicro	21-09-18	15:32-17:30			0.69827	21-09-18 15:37	12.73017752	Other	NA	Electronic	0.69794	0.69827
AUDCHFmicro	24-09-18	09:32-11:30			0.69722	24-09-18 09:39	63.65088761	Other	NA	Electronic	0.69722	0.69755
AUDCHFmicro	24-09-18	11:32-13:30			0.69741	24-09-18 11:47	63.65088761	Other	NA	Electronic	0.69709	0.69741
AUDCHFmicro	24-09-18	13:32-15:30			0.69723	24-09-18 13:33	1113.890533	Other	NA	Electronic	0.69691	0.69723

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AUDCHFmicro	24-09-18	15:30-15:32	0.69843	1273.017752								
AUDCHFmicro	25-09-18	09:32-11:30			0.69983	25-09-18 10:10	63.65088761	Other	NA	Electronic	0.69983	0.70015
AUDCHFmicro	25-09-18	11:32-13:30			0.69996	25-09-18 11:36	1909.526628	Other	NA	Electronic	0.69996	0.70029
AUDCHFmicro	25-09-18	13:32-15:30			0.70099	25-09-18 13:36	127.3017752	Other	NA	Electronic	0.70066	0.70099
AUDCHFmicro	25-09-18	15:32-17:30			0.69959	25-09-18 15:34	63.65088761	Other	NA	Electronic	0.69959	0.69991
AUDCHFmicro	26-09-18	09:32-11:30			0.70121	26-09-18 09:55	12.73017752	Other	NA	Electronic	0.70089	0.70121
AUDCHFmicro	26-09-18	11:32-13:30			0.70265	26-09-18 11:40	5728.579885	Other	NA	Electronic	0.70233	0.70265
AUDCHFmicro	26-09-18	13:30-13:32	0.70259	636.5088761								
AUDCHFmicro	26-09-18	15:32-17:30			0.70297	26-09-18 15:50	127.3017752	Other	NA	Electronic	0.70264	0.70297
AUDCHFmicro	27-09-18	09:30-09:32	0.70016	235.5082842								
AUDCHFmicro	27-09-18	11:32-13:30			0.70238	27-09-18 11:32	6.365088761	Other	NA	Electronic	0.70238	0.70271
AUDCHFmicro	27-09-18	13:30-13:32	0.70312	22277.81066								
AUDCHFmicro	27-09-18	15:30-15:32	0.70459	477.3816571								
AUDCHFmicro	28-09-18	09:32-11:30			0.70399	28-09-18 09:39	190.9526628	Other	NA	Electronic	0.70399	0.70432
AUDCHFmicro	28-09-18	11:32-13:30			0.70422	28-09-18 11:49	31.82544381	Other	NA	Electronic	0.70396	0.70422

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AUDCHFmicro	28-09-18	13:32-15:30			0.70562	28-09-18 13:36	636.5088761	Other	NA	Electronic	0.70529	0.70562
AUDCHFmicro	28-09-18	15:32-17:30			0.7058	28-09-18 16:14	63.65088761	Other	NA	Electronic	0.7058	0.70613
AUDCHFmini	03-07-18	09:32-11:30			0.73424	03-07-18 09:45	381.9053257	Other	NA	Electronic	0.7339	0.73424
AUDCHFmini	12-07-18	13:32-15:30			0.74141	12-07-18 14:40	381.9053257	Other	NA	Electronic	0.74106	0.74141
AUDCHFmini	19-07-18	09:32-11:30			0.73674	19-07-18 10:00	381.9053257	Other	NA	Electronic	0.73674	0.73708
AUDCHFmini	19-07-18	11:32-13:30			0.73566	19-07-18 11:55	381.9053257	Other	NA	Electronic	0.73566	0.73598
AUDCHFmini	19-07-18	15:32-17:30			0.73363	19-07-18 17:03	381.9053257	Other	NA	Electronic	0.73324	0.73363
AUDCHFmini	23-07-18	13:32-15:30			0.73226	23-07-18 15:20	381.9053257	Other	NA	Electronic	0.73194	0.73226
AUDCHFmini	26-07-18	13:32-15:30			0.73352	26-07-18 14:55	509.2071009	Other	NA	Electronic	0.73352	0.73385
AUDCHFmini	14-08-18	09:32-11:30			0.71942	14-08-18 10:05	381.9053257	Other	NA	Electronic	0.71941	0.71974
AUDJPY	02-07-18	09:30-09:32	81.6315	31825.44381								
AUDJPY	02-07-18	11:30-11:32	81.49333	38190.53257								
AUDJPY	02-07-18	13:30-13:32	81.37442	194135.2072								
AUDJPY	02-07-18	15:30-15:32	81.0988	9547.633142								
AUDJPY	03-07-18	09:30-09:32	81.9834	11457.15977								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	03-07-18	11:32-13:30			81.973	03-07-18 11:34	636.5088761	Other	NA	Electronic	81.945	81.973
AUDJPY	03-07-18	13:30-13:32	81.7635	54739.76335								
AUDJPY	03-07-18	15:30-15:32	81.662	636.5088761								
AUDJPY	04-07-18	09:32-11:30			81.575	04-07-18 09:39	9547.633142	Other	NA	Electronic	81.547	81.575
AUDJPY	04-07-18	11:32-13:30			81.596	04-07-18 11:47	636.5088761	Other	NA	Electronic	81.596	81.625
AUDJPY	04-07-18	13:30-13:32	81.59	3182.544381								
AUDJPY	04-07-18	15:32-17:30			81.551	04-07-18 16:02	7638.106513	Other	NA	Electronic	81.551	81.58
AUDJPY	05-07-18	09:30-09:32	81.667	636.5088761								
AUDJPY	05-07-18	11:30-11:32	81.82	3182.544381								
AUDJPY	05-07-18	13:32-15:30			81.755	05-07-18 13:38	1273.017752	Other	NA	Electronic	81.755	81.782
AUDJPY	05-07-18	15:30-15:32	81.689	1273.017752								
AUDJPY	06-07-18	09:30-09:32	82.001	6365.088761								
AUDJPY	06-07-18	11:32-13:30			81.976	06-07-18 11:36	3182.544381	Other	NA	Electronic	81.976	82.004
AUDJPY	06-07-18	13:32-15:30			81.96	06-07-18 13:32	6365.088761	Other	NA	Electronic	81.96	81.988
AUDJPY	06-07-18	15:32-17:30			82.036	06-07-18 15:34	636.5088761	Other	NA	Electronic	82.036	82.064

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	09-07-18	09:30-09:32	82.64379	38827.04144								
AUDJPY	09-07-18	11:32-13:30			82.573	09-07-18 11:33	636.5088761	Other	NA	Electronic	82.545	82.573
AUDJPY	09-07-18	13:30-13:32	82.69267	25460.35504								
AUDJPY	09-07-18	15:32-17:30			82.709	09-07-18 15:32	636.5088761	Other	NA	Electronic	82.681	82.709
AUDJPY	10-07-18	09:30-09:32	82.711	3182.544381								
AUDJPY	10-07-18	11:32-13:30			82.741	10-07-18 11:35	19095.26628	Other	NA	Electronic	82.741	82.769
AUDJPY	10-07-18	13:30-13:32	82.89875	27369.88167								
AUDJPY	10-07-18	15:30-15:32	83.025	1909.526628								
AUDJPY	11-07-18	09:32-11:30			82.159	11-07-18 09:34	636.5088761	Other	NA	Electronic	82.159	82.186
AUDJPY	11-07-18	11:32-13:30			82.243	11-07-18 11:36	5092.071009	Other	NA	Electronic	82.243	82.271
AUDJPY	11-07-18	13:32-15:30			82.339	11-07-18 13:32	21004.79291	Other	NA	Electronic	82.311	82.339
AUDJPY	11-07-18	15:30-15:32	82.46633	3182.544381								
AUDJPY	12-07-18	09:32-11:30			82.974	12-07-18 09:32	9547.633142	Other	NA	Electronic	82.974	83.003
AUDJPY	12-07-18	11:32-13:30			83.032	12-07-18 11:36	1273.017752	Other	NA	Electronic	83.003	83.032
AUDJPY	12-07-18	13:30-13:32	83.20633	162946.2723								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	12-07-18	15:30-15:32	83.32233	55376.27222								
AUDJPY	13-07-18	09:30-09:32	83.08167	64923.90536								
AUDJPY	13-07-18	11:30-11:32	83.048	6365.088761								
AUDJPY	13-07-18	13:32-15:30			83.183	13-07-18 13:32	1273.017752	Other	NA	Electronic	83.154	83.183
AUDJPY	13-07-18	15:30-15:32	83.38533	12093.66865								
AUDJPY	16-07-18	09:32-11:30			83.614	16-07-18 09:35	1909.526628	Other	NA	Electronic	83.613	83.643
AUDJPY	16-07-18	11:30-11:32	83.5015	22277.81066								
AUDJPY	16-07-18	13:30-13:32	83.47	12730.17752								
AUDJPY	16-07-18	15:30-15:32	83.32586	52830.23672								
AUDJPY	17-07-18	09:32-11:30			83.456	17-07-18 10:09	636.5088761	Other	NA	Electronic	83.428	83.456
AUDJPY	17-07-18	11:32-13:30			83.323	17-07-18 11:37	636.5088761	Other	NA	Electronic	83.323	83.352
AUDJPY	17-07-18	13:30-13:32	83.3375	66196.92312								
AUDJPY	17-07-18	15:32-17:30			83.384	17-07-18 15:37	636.5088761	Other	NA	Electronic	83.384	83.41
AUDJPY	18-07-18	09:32-11:30			83.116	18-07-18 09:32	1273.017752	Other	NA	Electronic	83.116	83.144
AUDJPY	18-07-18	11:32-13:30			83.088	18-07-18 11:35	31825.44381	Other	NA	Electronic	83.088	83.116

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	18-07-18	13:30-13:32	83.055	636.5088761								
AUDJPY	18-07-18	15:30-15:32	83.321	6365.088761								
AUDJPY	19-07-18	09:32-11:30			83.107	19-07-18 09:34	6365.088761	Other	NA	Electronic	83.079	83.107
AUDJPY	19-07-18	11:32-13:30			82.962	19-07-18 11:43	636.5088761	Other	NA	Electronic	82.933	82.962
AUDJPY	19-07-18	13:32-15:30			82.946	19-07-18 13:32	636.5088761	Other	NA	Electronic	82.918	82.946
AUDJPY	19-07-18	15:30-15:32	82.758	9547.633142								
AUDJPY	20-07-18	09:30-09:32	82.873	1909.526628								
AUDJPY	20-07-18	11:30-11:32	82.831	3182.544381								
AUDJPY	20-07-18	13:32-15:30			82.892	20-07-18 13:36	636.5088761	Other	NA	Electronic	82.892	82.919
AUDJPY	20-07-18	15:32-17:30			82.828	20-07-18 15:34	3819.053257	Other	NA	Electronic	82.828	82.857
AUDJPY	23-07-18	09:30-09:32	82.20383	7638.106513								
AUDJPY	23-07-18	11:30-11:32	82.272	636.5088761								
AUDJPY	23-07-18	13:30-13:32	82.2265	4455.562133								
AUDJPY	23-07-18	15:32-17:30			82.144	23-07-18 15:39	636.5088761	Other	NA	Electronic	82.144	82.173
AUDJPY	24-07-18	09:30-09:32	82.133	636.5088761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	24-07-18	11:30-11:32	82.241	14003.19527								
AUDJPY	24-07-18	13:32-15:30			82.361	24-07-18 13:34	636.5088761	Other	NA	Electronic	82.333	82.361
AUDJPY	24-07-18	15:30-15:32	82.524	19095.26628								
AUDJPY	25-07-18	09:30-09:32	82.429	1273.017752								
AUDJPY	25-07-18	11:30-11:32	82.292	33098.46156								
AUDJPY	25-07-18	13:30-13:32	82.467	3182.544381								
AUDJPY	25-07-18	15:30-15:32	82.1816	12093.66865								
AUDJPY	26-07-18	09:30-09:32	82.298	1273.017752								
AUDJPY	26-07-18	11:30-11:32	82.253	1273.017752								
AUDJPY	26-07-18	13:32-15:30			82.223	26-07-18 13:32	636.5088761	Other	NA	Electronic	82.195	82.223
AUDJPY	26-07-18	15:32-17:30			82.119	26-07-18 15:40	636.5088761	Other	NA	Electronic	82.09	82.119
AUDJPY	27-07-18	09:32-11:30			82.011	27-07-18 09:42	1273.017752	Other	NA	Electronic	81.982	82.011
AUDJPY	27-07-18	11:32-13:30			81.998	27-07-18 11:38	15912.7219	Other	NA	Electronic	81.998	82.027
AUDJPY	27-07-18	13:30-13:32	82.083	6365.088761								
AUDJPY	27-07-18	15:32-17:30			82.2	27-07-18 15:42	2546.035504	Other	NA	Electronic	82.199	82.228

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AUDJPY	30-07-18	09:32-11:30			82.191	30-07-18 09:32	636.5088761	Other	NA	Electronic	82.191	82.218
AUDJPY	30-07-18	11:32-13:30			82.207	30-07-18 11:36	636.5088761	Other	NA	Electronic	82.179	82.207
AUDJPY	30-07-18	13:32-15:30			82.21	30-07-18 13:50	636.5088761	Other	NA	Electronic	82.181	82.21
AUDJPY	30-07-18	15:32-17:30			82.206	30-07-18 15:55	6365.088761	Other	NA	Electronic	82.206	82.233
AUDJPY	31-07-18	09:30-09:32	82.782	636.5088761								
AUDJPY	31-07-18	11:32-13:30			82.826	31-07-18 11:47	636.5088761	Other	NA	Electronic	82.798	82.826
AUDJPY	31-07-18	13:30-13:32	83.05433	34371.47931								
AUDJPY	31-07-18	15:30-15:32	83.1805	32461.95268								
AUDJPY	01-08-18	09:32-11:30			82.959	01-08-18 09:35	1273.017752	Other	NA	Electronic	82.931	82.959
AUDJPY	01-08-18	11:32-13:30			82.975	01-08-18 11:34	6365.088761	Other	NA	Electronic	82.946	82.975
AUDJPY	01-08-18	13:30-13:32	82.9785	7001.597637								
AUDJPY	01-08-18	15:32-17:30			82.781	01-08-18 15:35	636.5088761	Other	NA	Electronic	82.753	82.781
AUDJPY	02-08-18	09:30-09:32	82.13875	8911.124266								
AUDJPY	02-08-18	11:30-11:32	82.1475	12730.17752								
AUDJPY	02-08-18	13:32-15:30			82.104	02-08-18 13:36	1273.017752	Other	NA	Electronic	82.076	82.104

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AUDJPY	02-08-18	15:32-17:30			82.284	02-08-18 16:06	9547.633142	Other	NA	Electronic	82.284	82.311
AUDJPY	03-08-18	09:32-11:30			82.228	03-08-18 09:34	1909.526628	Other	NA	Electronic	82.228	82.255
AUDJPY	03-08-18	11:32-13:30			82.594	03-08-18 11:37	3182.544381	Other	NA	Electronic	82.594	82.622
AUDJPY	03-08-18	13:30-13:32	82.222	1909.526628								
AUDJPY	03-08-18	15:32-17:30			82.344	03-08-18 15:32	6365.088761	Other	NA	Electronic	82.316	82.344
AUDJPY	06-08-18	09:32-11:30			82.328	06-08-18 09:33	3182.544381	Other	NA	Electronic	82.3	82.328
AUDJPY	06-08-18	11:32-13:30			82.284	06-08-18 11:34	8911.124266	Other	NA	Electronic	82.284	82.312
AUDJPY	06-08-18	13:30-13:32	82.25067	63650.88761								
AUDJPY	06-08-18	15:32-17:30			82.376	06-08-18 15:57	636.5088761	Other	NA	Electronic	82.349	82.376
AUDJPY	07-08-18	09:30-09:32	82.694	636.5088761								
AUDJPY	07-08-18	11:32-13:30			82.609	07-08-18 11:32	3182.544381	Other	NA	Electronic	82.609	82.636
AUDJPY	07-08-18	13:32-15:30			82.609	07-08-18 13:43	6365.088761	Other	NA	Electronic	82.583	82.609
AUDJPY	07-08-18	15:30-15:32	82.525	636.5088761								
AUDJPY	08-08-18	09:30-09:32	82.244	636.5088761								
AUDJPY	08-08-18	11:30-11:32	82.363	636.5088761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	08-08-18	13:32-15:30			82.201	08-08-18 13:51	6365.088761	Other	NA	Electronic	82.173	82.201
AUDJPY	08-08-18	15:32-17:30			82.27	08-08-18 15:46	5728.579885	Other	NA	Electronic	82.27	82.298
AUDJPY	09-08-18	09:30-09:32	82.442	636.5088761								
AUDJPY	09-08-18	11:32-13:30			82.417	09-08-18 12:02	1273.017752	Other	NA	Electronic	82.417	82.445
AUDJPY	09-08-18	13:32-15:30			82.249	09-08-18 13:38	636.5088761	Other	NA	Electronic	82.249	82.278
AUDJPY	09-08-18	15:32-17:30			82.059	09-08-18 15:33	1273.017752	Other	NA	Electronic	81.022	81.051
AUDJPY	10-08-18	09:32-11:30			81.085	10-08-18 09:37	31825.44381	Other	NA	Electronic	81.085	81.112
AUDJPY	10-08-18	11:32-13:30			81.158	10-08-18 11:35	636.5088761	Other	NA	Electronic	81.129	81.158
AUDJPY	10-08-18	13:32-15:30			80.971	10-08-18 13:35	636.5088761	Other	NA	Electronic	80.971	81
AUDJPY	10-08-18	15:32-17:30			80.85	10-08-18 15:40	63650.88761	Other	NA	Electronic	80.823	80.85
AUDJPY	13-08-18	09:32-11:30			80.305	13-08-18 09:35	636.5088761	Other	NA	Electronic	80.305	80.33
AUDJPY	13-08-18	11:32-13:30			80.199	13-08-18 11:33	636.5088761	Other	NA	Electronic	80.199	80.226
AUDJPY	13-08-18	13:30-13:32	80.72733	13366.6864								
AUDJPY	13-08-18	15:30-15:32	80.548	3819.053257								
AUDJPY	14-08-18	09:30-09:32	80.62	10184.14202								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	14-08-18	11:32-13:30			80.497	14-08-18 11:43	3182.544381	Other	NA	Electronic	80.47	80.497
AUDJPY	14-08-18	13:30-13:32	80.414	7638.106513								
AUDJPY	14-08-18	15:32-17:30			80.22	14-08-18 15:32	57285.79885	Other	NA	Electronic	80.22	80.246
AUDJPY	15-08-18	09:32-11:30			80.413	15-08-18 09:34	636.5088761	Other	NA	Electronic	80.413	80.441
AUDJPY	15-08-18	11:30-11:32	80.0855	1273.017752								
AUDJPY	15-08-18	13:30-13:32	80.162	636.5088761								
AUDJPY	15-08-18	15:32-17:30			79.965	15-08-18 15:38	636.5088761	Other	NA	Electronic	79.965	79.991
AUDJPY	16-08-18	09:32-11:30			80.586	16-08-18 09:36	1273.017752	Other	NA	Electronic	80.558	80.586
AUDJPY	16-08-18	11:32-13:30			80.611	16-08-18 11:38	1909.526628	Other	NA	Electronic	80.611	80.638
AUDJPY	16-08-18	13:32-15:30			80.502	16-08-18 13:45	636.5088761	Other	NA	Electronic	80.474	80.502
AUDJPY	16-08-18	15:32-17:30			80.573	16-08-18 15:33	1909.526628	Other	NA	Electronic	80.573	80.599
AUDJPY	17-08-18	09:30-09:32	80.456	636.5088761								
AUDJPY	17-08-18	11:30-11:32	80.253	1273.017752								
AUDJPY	17-08-18	13:30-13:32	80.447	6365.088761								
AUDJPY	17-08-18	15:32-17:30			80.482	17-08-18 15:43	1909.526628	Other	NA	Electronic	80.455	80.482

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	20-08-18	09:30-09:32	80.87	1909.526628								
AUDJPY	20-08-18	11:32-13:30			80.774	20-08-18 11:35	636.5088761	Other	NA	Electronic	80.75	80.774
AUDJPY	20-08-18	13:30-13:32	80.72	636.5088761								
AUDJPY	20-08-18	15:32-17:30			80.723	20-08-18 15:33	636.5088761	Other	NA	Electronic	80.723	80.751
AUDJPY	21-08-18	09:30-09:32	81.112	3182.544381								
AUDJPY	21-08-18	11:32-13:30			81.106	21-08-18 11:48	6365.088761	Other	NA	Electronic	81.08	81.106
AUDJPY	21-08-18	13:32-15:30			81.15	21-08-18 13:40	636.5088761	Other	NA	Electronic	81.122	81.15
AUDJPY	21-08-18	15:30-15:32	81.142	1909.526628								
AUDJPY	22-08-18	09:32-11:30			81.063	22-08-18 09:39	1273.017752	Other	NA	Electronic	81.036	81.063
AUDJPY	22-08-18	11:32-13:30			81.147	22-08-18 11:38	1273.017752	Other	NA	Electronic	81.147	81.174
AUDJPY	22-08-18	13:32-15:30			81.113	22-08-18 14:15	636.5088761	Other	NA	Electronic	81.113	81.14
AUDJPY	22-08-18	15:32-17:30			81.222	22-08-18 15:32	1273.017752	Other	NA	Electronic	81.222	81.25
AUDJPY	23-08-18	09:32-11:30			80.856	23-08-18 09:45	5728.579885	Other	NA	Electronic	80.856	80.883
AUDJPY	23-08-18	11:30-11:32	80.788	14003.19527								
AUDJPY	23-08-18	13:30-13:32	80.655	19095.26628								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	23-08-18	15:30-15:32	80.801	1909.526628								
AUDJPY	24-08-18	09:30-09:32	81.032	636.5088761								
AUDJPY	24-08-18	11:30-11:32	81.272	636.5088761								
AUDJPY	24-08-18	13:30-13:32	81.415	636.5088761								
AUDJPY	24-08-18	15:30-15:32	81.52	636.5088761								
AUDJPY	27-08-18	09:30-09:32	81.249	636.5088761								
AUDJPY	27-08-18	11:30-11:32	81.257	636.5088761								
AUDJPY	27-08-18	13:30-13:32	81.327	636.5088761								
AUDJPY	27-08-18	15:32-17:30			81.533	27-08-18 15:42	636.5088761	Other	NA	Electronic	81.533	81.559
AUDJPY	28-08-18	09:32-11:30			81.648	28-08-18 09:45	636.5088761	Other	NA	Electronic	81.648	81.675
AUDJPY	28-08-18	11:30-11:32	81.614	1909.526628								
AUDJPY	28-08-18	13:32-15:30			81.734	28-08-18 13:32	636.5088761	Other	NA	Electronic	81.707	81.734
AUDJPY	28-08-18	15:32-17:30			81.634	28-08-18 15:57	636.5088761	Other	NA	Electronic	81.634	81.662
AUDJPY	29-08-18	09:32-11:30			81.205	29-08-18 09:55	636.5088761	Other	NA	Electronic	81.205	81.232
AUDJPY	29-08-18	11:32-13:30			81.172	29-08-18 11:35	636.5088761	Other	NA	Electronic	81.172	81.2

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AUDJPY	29-08-18	13:30-13:32	81.199	1273.017752								
AUDJPY	29-08-18	15:32-17:30			81.534	29-08-18 15:32	3182.544381	Other	NA	Electronic	81.506	81.534
AUDJPY	30-08-18	09:30-09:32	81.335	1273.017752								
AUDJPY	30-08-18	11:30-11:32	81.39	636.5088761								
AUDJPY	30-08-18	13:30-13:32	81.1265	14639.70415								
AUDJPY	30-08-18	15:30-15:32	80.865	636.5088761								
AUDJPY	31-08-18	09:30-09:32	80.133	1909.526628								
AUDJPY	31-08-18	11:32-13:30			80.097	31-08-18 11:37	31825.44381	Other	NA	Electronic	80.071	80.097
AUDJPY	31-08-18	13:30-13:32	79.932	1273.017752								
AUDJPY	31-08-18	15:30-15:32	79.855	49011.18346								
AUDJPY	03-09-18	09:30-09:32	80.026	636.5088761								
AUDJPY	03-09-18	11:32-13:30			80.078	03-09-18 11:36	1273.017752	Other	NA	Electronic	80.052	80.078
AUDJPY	03-09-18	13:32-15:30			80.209	03-09-18 13:32	636.5088761	Other	NA	Electronic	80.209	80.237
AUDJPY	03-09-18	15:30-15:32	80.14	636.5088761								
AUDJPY	04-09-18	09:30-09:32	79.946	636.5088761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	04-09-18	11:30-11:32	79.9215	7001.597637								
AUDJPY	04-09-18	13:32-15:30			79.929	04-09-18 13:32	63650.88761	Other	NA	Electronic	79.902	79.929
AUDJPY	04-09-18	15:30-15:32	79.952	636.5088761								
AUDJPY	05-09-18	09:32-11:30			79.974	05-09-18 09:46	1909.526628	Other	NA	Electronic	79.947	79.974
AUDJPY	05-09-18	11:32-13:30			80.119	05-09-18 11:34	15912.7219	Other	NA	Electronic	80.092	80.119
AUDJPY	05-09-18	13:32-15:30			80.279	05-09-18 13:32	1273.017752	Other	NA	Electronic	80.251	80.279
AUDJPY	05-09-18	15:30-15:32	80.13	636.5088761								
AUDJPY	06-09-18	09:32-11:30			80.06	06-09-18 09:45	636.5088761	Other	NA	Electronic	80.033	80.06
AUDJPY	06-09-18	11:30-11:32	80.098	636.5088761								
AUDJPY	06-09-18	13:32-15:30			79.976	06-09-18 13:37	6365.088761	Other	NA	Electronic	79.949	79.976
AUDJPY	06-09-18	15:32-17:30			79.83	06-09-18 15:53	636.5088761	Other	NA	Electronic	79.83	79.857
AUDJPY	07-09-18	09:30-09:32	79.323	636.5088761								
AUDJPY	07-09-18	11:30-11:32	79.431	1909.526628								
AUDJPY	07-09-18	13:32-15:30			79.305	07-09-18 13:34	1273.017752	Other	NA	Electronic	79.279	79.305
AUDJPY	07-09-18	15:32-17:30			79.376	07-09-18 15:47	1273.017752	Other	NA	Electronic	79.376	79.402

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AUDJPY	10-09-18	09:30-09:32	79.206	636.5088761								
AUDJPY	10-09-18	11:32-13:30			79.1	10-09-18 11:35	636.5088761	Other	NA	Electronic	79.1	79.127
AUDJPY	10-09-18	13:32-15:30			79.17	10-09-18 13:39	127301.7752	Other	NA	Electronic	79.17	79.197
AUDJPY	10-09-18	15:32-17:30			79.149	10-09-18 15:32	6365.088761	Other	NA	Electronic	79.121	79.149
AUDJPY	11-09-18	09:30-09:32	79.148	1273.017752								
AUDJPY	11-09-18	11:32-13:30			79.054	11-09-18 11:32	636.5088761	Other	NA	Electronic	79.054	79.082
AUDJPY	11-09-18	13:32-15:30			78.973	11-09-18 13:34	1273.017752	Other	NA	Electronic	78.946	78.973
AUDJPY	11-09-18	15:30-15:32	79.137	636.5088761								
AUDJPY	12-09-18	09:30-09:32	79.303	38190.53257								
AUDJPY	12-09-18	11:32-13:30			79.321	12-09-18 11:47	6365.088761	Other	NA	Electronic	79.321	79.347
AUDJPY	12-09-18	13:32-15:30			79.253	12-09-18 13:41	636.5088761	Other	NA	Electronic	79.253	79.28
AUDJPY	12-09-18	15:30-15:32	79.975	6365.088761								
AUDJPY	13-09-18	09:32-11:30			80.07	13-09-18 09:36	636.5088761	Other	NA	Electronic	80.041	80.07
AUDJPY	13-09-18	11:32-13:30			80.267	13-09-18 11:44	636.5088761	Other	NA	Electronic	80.234	80.267
AUDJPY	13-09-18	13:32-15:30			80.532	13-09-18 13:39	1273.017752	Other	NA	Electronic	80.504	80.532

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AUDJPY	13-09-18	15:30-15:32	80.49	6365.088761								
AUDJPY	14-09-18	09:30-09:32	80.453	3819.053257								
AUDJPY	14-09-18	11:32-13:30			80.433	14-09-18 11:36	2546.035504	Other	NA	Electronic	80.433	80.459
AUDJPY	14-09-18	13:30-13:32	80.354	2546.035504								
AUDJPY	14-09-18	15:30-15:32	80.5232	3182.544381								
AUDJPY	17-09-18	09:32-11:30			80.267	17-09-18 09:35	636.5088761	Other	NA	Electronic	80.267	80.294
AUDJPY	17-09-18	11:32-13:30			80.392	17-09-18 11:35	636.5088761	Other	NA	Electronic	80.365	80.392
AUDJPY	17-09-18	13:30-13:32	80.58	1273.017752								
AUDJPY	17-09-18	15:32-17:30			80.458	17-09-18 15:33	3182.544381	Other	NA	Electronic	80.431	80.458
AUDJPY	18-09-18	09:30-09:32	80.684	636.5088761								
AUDJPY	18-09-18	11:30-11:32	80.657	128574.793								
AUDJPY	18-09-18	13:30-13:32	80.874	63650.88761								
AUDJPY	18-09-18	15:32-17:30			81.009	18-09-18 15:38	636.5088761	Other	NA	Electronic	80.982	81.009
AUDJPY	19-09-18	09:32-11:30			81.474	19-09-18 09:34	636.5088761	Other	NA	Electronic	81.474	81.5
AUDJPY	19-09-18	11:30-11:32	81.4075	7001.597637								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	19-09-18	13:32-15:30			81.497	19-09-18 13:32	1273.017752	Other	NA	Electronic	81.471	81.497
AUDJPY	19-09-18	15:32-17:30			81.582	19-09-18 15:32	3182.544381	Other	NA	Electronic	81.582	81.609
AUDJPY	20-09-18	09:32-11:30			81.595	20-09-18 10:00	55376.27222	Other	NA	Electronic	81.566	81.595
AUDJPY	20-09-18	11:30-11:32	81.69817	38827.04144								
AUDJPY	20-09-18	13:30-13:32	81.725	636.5088761								
AUDJPY	20-09-18	15:32-17:30			81.867	20-09-18 15:41	636.5088761	Other	NA	Electronic	81.838	81.867
AUDJPY	21-09-18	09:32-11:30			82.173	21-09-18 09:50	636.5088761	Other	NA	Electronic	82.173	82.203
AUDJPY	21-09-18	11:30-11:32	82.077	636.5088761								
AUDJPY	21-09-18	13:32-15:30			81.942	21-09-18 13:37	636.5088761	Other	NA	Electronic	81.913	81.942
AUDJPY	21-09-18	15:30-15:32	81.966	6365.088761								
AUDJPY	24-09-18	09:32-11:30			81.998	24-09-18 09:36	636.5088761	Other	NA	Electronic	81.97	81.998
AUDJPY	24-09-18	11:32-13:30			81.861	24-09-18 11:33	636.5088761	Other	NA	Electronic	81.861	81.889
AUDJPY	24-09-18	13:30-13:32	81.89	6365.088761								
AUDJPY	24-09-18	15:32-17:30			81.74	24-09-18 15:39	636.5088761	Other	NA	Electronic	81.74	81.768
AUDJPY	25-09-18	09:32-11:30			81.742	25-09-18 09:39	20368.28404	Other	NA	Electronic	81.742	81.769



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY	25-09-18	11:32-13:30			81.764	25-09-18 11:34	12730.17752	Other	NA	Electronic	81.764	81.79
AUDJPY	25-09-18	13:32-15:30			81.908	25-09-18 13:33	3182.544381	Other	NA	Electronic	81.881	81.908
AUDJPY	25-09-18	15:32-17:30			81.867	25-09-18 15:40	1273.017752	Other	NA	Electronic	81.841	81.867
AUDJPY	26-09-18	09:32-11:30			81.914	26-09-18 09:33	636.5088761	Other	NA	Electronic	81.914	81.941
AUDJPY	26-09-18	11:32-13:30			81.952	26-09-18 11:32	17822.24853	Other	NA	Electronic	81.925	81.952
AUDJPY	26-09-18	13:32-15:30			81.929	26-09-18 13:44	63650.88761	Other	NA	Electronic	81.901	81.929
AUDJPY	26-09-18	15:32-17:30			81.973	26-09-18 15:33	25460.35504	Other	NA	Electronic	81.973	82
AUDJPY	27-09-18	09:32-11:30			81.528	27-09-18 09:37	1273.017752	Other	NA	Electronic	81.528	81.556
AUDJPY	27-09-18	11:32-13:30			81.582	27-09-18 11:45	1909.526628	Other	NA	Electronic	81.554	81.582
AUDJPY	27-09-18	13:32-15:30			81.606	27-09-18 13:35	636.5088761	Other	NA	Electronic	81.578	81.606
AUDJPY	27-09-18	15:30-15:32	81.728	12730.17752								
AUDJPY	28-09-18	09:32-11:30			81.895	28-09-18 09:34	2546.035504	Other	NA	Electronic	81.867	81.895
AUDJPY	28-09-18	11:32-13:30			81.712	28-09-18 11:44	1273.017752	Other	NA	Electronic	81.712	81.741
AUDJPY	28-09-18	13:32-15:30			81.946	28-09-18 13:37	3182.544381	Other	NA	Electronic	81.918	81.946
AUDJPY	28-09-18	15:32-17:30			82.159	28-09-18 15:36	636.5088761	Other	NA	Electronic	82.129	82.159

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AUDJPY.	02-07-18	09:32-11:30			81.605	02-07-18 09:36	6365.088761	Other	NA	Electronic	81.601	81.605
AUDJPY.	02-07-18	11:32-13:30			81.514	02-07-18 11:46	636.5088761	Other	NA	Electronic	81.514	81.519
AUDJPY.	02-07-18	13:30-13:32	81.3485	3819.053257								
AUDJPY.	02-07-18	15:30-15:32	81.101	3182.544381								
AUDJPY.	03-07-18	09:32-11:30			81.999	03-07-18 09:32	3182.544381	Other	NA	Electronic	81.993	81.999
AUDJPY.	03-07-18	11:32-13:30			81.981	03-07-18 11:37	3182.544381	Other	NA	Electronic	81.976	81.981
AUDJPY.	03-07-18	13:32-15:30			81.749	03-07-18 13:56	5092.071009	Other	NA	Electronic	81.749	81.754
AUDJPY.	03-07-18	15:32-17:30			81.619	03-07-18 15:49	3182.544381	Other	NA	Electronic	81.613	81.619
AUDJPY.	04-07-18	09:32-11:30			81.602	04-07-18 09:34	6365.088761	Other	NA	Electronic	81.596	81.602
AUDJPY.	04-07-18	11:32-13:30			81.608	04-07-18 11:46	636.5088761	Other	NA	Electronic	81.602	81.608
AUDJPY.	04-07-18	13:32-15:30			81.581	04-07-18 13:49	1909.526628	Other	NA	Electronic	81.575	81.582
AUDJPY.	04-07-18	15:32-17:30			81.567	04-07-18 16:00	636.5088761	Other	NA	Electronic	81.561	81.567
AUDJPY.	05-07-18	09:32-11:30			81.696	05-07-18 09:33	12730.17752	Other	NA	Electronic	81.69	81.696
AUDJPY.	05-07-18	11:32-13:30			81.867	05-07-18 11:43	63650.88761	Other	NA	Electronic	81.865	81.867
AUDJPY.	05-07-18	13:30-13:32	81.803	1273.017752								

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AUDJPY.	05-07-18	15:32-17:30			81.717	05-07-18 16:32	636.5088761	Other	NA	Electronic	81.717	81.722
AUDJPY.	06-07-18	09:32-11:30			82.028	06-07-18 10:21	31825.44381	Other	NA	Electronic	82.028	82.034
AUDJPY.	06-07-18	11:32-13:30			82.011	06-07-18 12:01	636.5088761	Other	NA	Electronic	82.011	82.016
AUDJPY.	06-07-18	13:32-15:30			82.027	06-07-18 13:43	636.5088761	Other	NA	Electronic	82.027	82.032
AUDJPY.	06-07-18	15:32-17:30			82.024	06-07-18 15:48	3182.544381	Other	NA	Electronic	82.024	82.029
AUDJPY.	09-07-18	09:32-11:30			82.627	09-07-18 09:36	6365.088761	Other	NA	Electronic	82.627	82.631
AUDJPY.	09-07-18	11:32-13:30			82.562	09-07-18 11:36	636.5088761	Other	NA	Electronic	82.562	82.567
AUDJPY.	09-07-18	13:32-15:30			82.713	09-07-18 13:35	2546.035504	Other	NA	Electronic	82.713	82.718
AUDJPY.	09-07-18	15:32-17:30			82.709	09-07-18 15:48	1273.017752	Other	NA	Electronic	82.709	82.715
AUDJPY.	10-07-18	09:32-11:30			82.76	10-07-18 09:34	1273.017752	Other	NA	Electronic	82.755	82.761
AUDJPY.	10-07-18	11:32-13:30			82.742	10-07-18 12:00	636.5088761	Other	NA	Electronic	82.736	82.742
AUDJPY.	10-07-18	13:30-13:32	82.901	636.5088761								
AUDJPY.	10-07-18	15:32-17:30			83.05	10-07-18 15:38	636.5088761	Other	NA	Electronic	83.05	83.054
AUDJPY.	11-07-18	09:32-11:30			82.187	11-07-18 09:57	636.5088761	Other	NA	Electronic	82.187	82.193
AUDJPY.	11-07-18	11:32-13:30			82.179	11-07-18 11:51	636.5088761	Other	NA	Electronic	82.174	82.179

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AUDJPY.	11-07-18	13:30-13:32	82.272	636.5088761								
AUDJPY.	11-07-18	15:30-15:32	82.484	6365.088761								
AUDJPY.	12-07-18	09:32-11:30			82.974	12-07-18 09:38	6365.088761	Other	NA	Electronic	82.968	82.974
AUDJPY.	12-07-18	11:32-13:30			83.019	12-07-18 11:34	1909.526628	Other	NA	Electronic	83.013	83.019
AUDJPY.	12-07-18	13:32-15:30			83.168	12-07-18 13:39	1909.526628	Other	NA	Electronic	83.162	83.167
AUDJPY.	12-07-18	15:30-15:32	83.325	1273.017752								
AUDJPY.	13-07-18	09:32-11:30			83.009	13-07-18 09:37	25460.35504	Other	NA	Electronic	83.009	83.013
AUDJPY.	13-07-18	11:32-13:30			83.101	13-07-18 12:04	3819.053257	Other	NA	Electronic	83.101	83.107
AUDJPY.	13-07-18	13:32-15:30			83.208	13-07-18 13:35	14639.70415	Other	NA	Electronic	83.202	83.208
AUDJPY.	13-07-18	15:32-17:30			83.397	13-07-18 15:32	636.5088761	Other	NA	Electronic	83.397	83.403
AUDJPY.	16-07-18	09:32-11:30			83.59	16-07-18 10:23	636.5088761	Other	NA	Electronic	83.587	83.593
AUDJPY.	16-07-18	11:32-13:30			83.502	16-07-18 11:40	31825.44381	Other	NA	Electronic	83.502	83.508
AUDJPY.	16-07-18	13:32-15:30			83.459	16-07-18 13:34	636.5088761	Other	NA	Electronic	83.459	83.465
AUDJPY.	16-07-18	15:32-17:30			83.299	16-07-18 15:32	4455.562133	Other	NA	Electronic	83.299	83.304
AUDJPY.	17-07-18	09:32-11:30			83.386	17-07-18 10:19	15912.7219	Other	NA	Electronic	83.386	83.39

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AUDJPY.	17-07-18	11:32-13:30			83.327	17-07-18 11:40	1273.017752	Other	NA	Electronic	83.321	83.327
AUDJPY.	17-07-18	13:32-15:30			83.32	17-07-18 13:36	636.5088761	Other	NA	Electronic	83.315	83.32
AUDJPY.	17-07-18	15:32-17:30			83.363	17-07-18 16:00	636.5088761	Other	NA	Electronic	83.363	83.369
AUDJPY.	18-07-18	09:32-11:30			83.151	18-07-18 09:46	636.5088761	Other	NA	Electronic	83.146	83.151
AUDJPY.	18-07-18	11:32-13:30			83.057	18-07-18 11:51	636.5088761	Other	NA	Electronic	83.051	83.057
AUDJPY.	18-07-18	13:32-15:30			83.166	18-07-18 14:48	1273.017752	Other	NA	Electronic	83.166	83.171
AUDJPY.	18-07-18	15:32-17:30			83.369	18-07-18 15:36	9547.633142	Other	NA	Electronic	83.363	83.369
AUDJPY.	19-07-18	09:30-09:32	83.085	1909.526628								
AUDJPY.	19-07-18	11:32-13:30			82.944	19-07-18 11:50	1273.017752	Other	NA	Electronic	82.938	82.944
AUDJPY.	19-07-18	13:32-15:30			82.928	19-07-18 13:32	8274.61539	Other	NA	Electronic	82.922	82.928
AUDJPY.	19-07-18	15:32-17:30			82.793	19-07-18 15:35	127938.2841	Other	NA	Electronic	82.788	82.793
AUDJPY.	20-07-18	09:32-11:30			82.917	20-07-18 09:40	636.5088761	Other	NA	Electronic	82.917	82.92
AUDJPY.	20-07-18	11:30-11:32	82.853	636.5088761								
AUDJPY.	20-07-18	13:32-15:30			82.931	20-07-18 13:40	63650.88761	Other	NA	Electronic	82.931	82.936
AUDJPY.	20-07-18	15:32-17:30			82.803	20-07-18 15:48	636.5088761	Other	NA	Electronic	82.797	82.803

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AUDJPY.	23-07-18	09:32-11:30			82.21	23-07-18 09:34	1909.526628	Other	NA	Electronic	82.211	82.216
AUDJPY.	23-07-18	11:30-11:32	82.284	636.5088761								
AUDJPY.	23-07-18	13:32-15:30			82.174	23-07-18 13:41	6365.088761	Other	NA	Electronic	82.172	82.174
AUDJPY.	23-07-18	15:32-17:30			82.148	23-07-18 15:38	5092.071009	Other	NA	Electronic	82.144	82.148
AUDJPY.	24-07-18	09:32-11:30			82.106	24-07-18 09:33	3182.544381	Other	NA	Electronic	82.107	82.113
AUDJPY.	24-07-18	11:30-11:32	82.238	3182.544381								
AUDJPY.	24-07-18	13:32-15:30			82.356	24-07-18 13:35	127301.7752	Other	NA	Electronic	82.356	82.361
AUDJPY.	24-07-18	15:32-17:30			82.495	24-07-18 15:35	1273.017752	Other	NA	Electronic	82.495	82.501
AUDJPY.	25-07-18	09:32-11:30			82.507	25-07-18 09:53	636.5088761	Other	NA	Electronic	82.507	82.512
AUDJPY.	25-07-18	11:30-11:32	82.316	1909.526628								
AUDJPY.	25-07-18	13:32-15:30			82.417	25-07-18 13:41	636.5088761	Other	NA	Electronic	82.417	82.423
AUDJPY.	25-07-18	15:30-15:32	82.1915	1273.017752								
AUDJPY.	26-07-18	09:32-11:30			82.338	26-07-18 10:00	636.5088761	Other	NA	Electronic	82.338	82.344
AUDJPY.	26-07-18	11:32-13:30			82.263	26-07-18 11:40	636.5088761	Other	NA	Electronic	82.258	82.263
AUDJPY.	26-07-18	13:32-15:30			82.129	26-07-18 13:44	11457.15977	Other	NA	Electronic	82.122	82.129

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AUDJPY.	26-07-18	15:32-17:30			82.106	26-07-18 16:30	3182.544381	Other	NA	Electronic	82.105	82.111
AUDJPY.	27-07-18	09:32-11:30			82.028	27-07-18 09:33	190952.6628	Other	NA	Electronic	82.028	82.033
AUDJPY.	27-07-18	11:32-13:30			82.003	27-07-18 11:33	5092.071009	Other	NA	Electronic	82.003	82.009
AUDJPY.	27-07-18	13:32-15:30			82.151	27-07-18 14:02	636.5088761	Other	NA	Electronic	82.151	82.154
AUDJPY.	27-07-18	15:32-17:30			82.213	27-07-18 15:55	6365.088761	Other	NA	Electronic	82.213	82.219
AUDJPY.	30-07-18	09:32-11:30			82.212	30-07-18 09:34	3182.544381	Other	NA	Electronic	82.212	82.217
AUDJPY.	30-07-18	11:32-13:30			82.174	30-07-18 12:04	11457.15977	Other	NA	Electronic	82.169	82.174
AUDJPY.	30-07-18	13:32-15:30			82.219	30-07-18 14:12	12730.17752	Other	NA	Electronic	82.213	82.219
AUDJPY.	30-07-18	15:32-17:30			82.213	30-07-18 15:33	318254.4381	Other	NA	Electronic	82.208	82.213
AUDJPY.	31-07-18	09:32-11:30			82.742	31-07-18 09:34	6365.088761	Other	NA	Electronic	82.742	82.747
AUDJPY.	31-07-18	11:32-13:30			82.812	31-07-18 12:12	1273.017752	Other	NA	Electronic	82.813	82.818
AUDJPY.	31-07-18	13:32-15:30			83.099	31-07-18 13:38	3182.544381	Other	NA	Electronic	83.099	83.104
AUDJPY.	31-07-18	15:32-17:30			83.22	31-07-18 15:59	636.5088761	Other	NA	Electronic	83.216	83.22
AUDJPY.	01-08-18	09:32-11:30			82.95	01-08-18 09:42	636.5088761	Other	NA	Electronic	82.944	82.95
AUDJPY.	01-08-18	11:32-13:30			82.947	01-08-18 12:00	636.5088761	Other	NA	Electronic	82.947	82.953

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AUDJPY.	01-08-18	13:32-15:30			82.812	01-08-18 15:18	7638.106513	Other	NA	Electronic	82.813	82.817
AUDJPY.	01-08-18	15:32-17:30			82.733	01-08-18 15:41	1909.526628	Other	NA	Electronic	82.731	82.733
AUDJPY.	02-08-18	09:32-11:30			82.07	02-08-18 09:48	6365.088761	Other	NA	Electronic	82.065	82.07
AUDJPY.	02-08-18	11:32-13:30			82.07	02-08-18 11:49	3182.544381	Other	NA	Electronic	82.064	82.07
AUDJPY.	02-08-18	13:32-15:30			82.186	02-08-18 15:02	4455.562133	Other	NA	Electronic	82.186	82.192
AUDJPY.	02-08-18	15:32-17:30			82.331	02-08-18 16:31	3182.544381	Other	NA	Electronic	82.331	82.338
AUDJPY.	03-08-18	09:32-11:30			82.461	03-08-18 11:15	1909.526628	Other	NA	Electronic	82.461	82.467
AUDJPY.	03-08-18	11:32-13:30			82.566	03-08-18 11:40	636.5088761	Other	NA	Electronic	82.566	82.573
AUDJPY.	03-08-18	13:32-15:30			82.205	03-08-18 13:34	636.5088761	Other	NA	Electronic	82.198	82.205
AUDJPY.	03-08-18	15:32-17:30			82.325	03-08-18 16:04	6365.088761	Other	NA	Electronic	82.325	82.33
AUDJPY.	06-08-18	09:32-11:30			82.298	06-08-18 09:46	636.5088761	Other	NA	Electronic	82.279	82.283
AUDJPY.	06-08-18	11:32-13:30			82.346	06-08-18 11:52	6365.088761	Other	NA	Electronic	82.342	82.346
AUDJPY.	06-08-18	13:32-15:30			82.24	06-08-18 14:22	636.5088761	Other	NA	Electronic	82.237	82.24
AUDJPY.	06-08-18	15:30-15:32	82.356	636.5088761								
AUDJPY.	07-08-18	09:32-11:30			82.67	07-08-18 09:36	6365.088761	Other	NA	Electronic	82.67	82.676



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AUDJPY.	07-08-18	11:32-13:30			82.639	07-08-18 11:41	1273.017752	Other	NA	Electronic	82.635	82.639
AUDJPY.	07-08-18	13:32-15:30			82.631	07-08-18 13:53	4455.562133	Other	NA	Electronic	82.626	82.631
AUDJPY.	07-08-18	15:32-17:30			82.61	07-08-18 16:03	636.5088761	Other	NA	Electronic	82.604	82.61
AUDJPY.	08-08-18	09:32-11:30			82.282	08-08-18 10:17	636.5088761	Other	NA	Electronic	82.277	82.282
AUDJPY.	08-08-18	11:32-13:30			82.288	08-08-18 12:05	1273.017752	Other	NA	Electronic	82.288	82.292
AUDJPY.	08-08-18	13:32-15:30			82.196	08-08-18 13:46	1273.017752	Other	NA	Electronic	82.196	82.201
AUDJPY.	08-08-18	15:32-17:30			82.287	08-08-18 15:44	3182.544381	Other	NA	Electronic	82.287	82.29
AUDJPY.	09-08-18	09:32-11:30			82.454	09-08-18 10:05	4455.562133	Other	NA	Electronic	82.449	82.454
AUDJPY.	09-08-18	11:32-13:30			82.42	09-08-18 12:34	1909.526628	Other	NA	Electronic	82.416	82.42
AUDJPY.	09-08-18	15:32-17:30			82.022	09-08-18 16:15	3182.544381	Other	NA	Electronic	82.016	82.022
AUDJPY.	10-08-18	09:32-11:30			81.043	10-08-18 09:55	3182.544381	Other	NA	Electronic	81.038	81.043
AUDJPY.	10-08-18	11:32-13:30			81.116	10-08-18 11:54	3182.544381	Other	NA	Electronic	81.11	81.116
AUDJPY.	10-08-18	13:30-13:32	80.863	15912.7219								
AUDJPY.	10-08-18	15:32-17:30			80.903	10-08-18 15:32	3182.544381	Other	NA	Electronic	80.903	80.907
AUDJPY.	13-08-18	09:32-11:30			80.331	13-08-18 09:41	3182.544381	Other	NA	Electronic	80.326	80.331

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY.	13-08-18	11:30-11:32	80.236	11457.15977								
AUDJPY.	13-08-18	13:30-13:32	80.729	5092.071009								
AUDJPY.	13-08-18	15:30-15:32	80.538	5728.579885								
AUDJPY.	14-08-18	09:32-11:30			80.63	14-08-18 09:39	3182.544381	Other	NA	Electronic	80.625	80.63
AUDJPY.	14-08-18	11:32-13:30			80.465	14-08-18 11:45	1273.017752	Other	NA	Electronic	80.465	80.469
AUDJPY.	14-08-18	13:30-13:32	80.4505	3819.053257								
AUDJPY.	14-08-18	15:32-17:30			80.307	14-08-18 15:37	1273.017752	Other	NA	Electronic	80.302	80.307
AUDJPY.	15-08-18	09:32-11:30			80.357	15-08-18 10:26	1273.017752	Other	NA	Electronic	80.353	80.357
AUDJPY.	15-08-18	11:32-13:30			80.063	15-08-18 11:33	3182.544381	Other	NA	Electronic	80.063	80.065
AUDJPY.	15-08-18	13:32-15:30			80.089	15-08-18 13:44	636.5088761	Other	NA	Electronic	80.083	80.089
AUDJPY.	15-08-18	15:32-17:30			80.052	15-08-18 15:51	636.5088761	Other	NA	Electronic	80.052	80.056
AUDJPY.	16-08-18	09:32-11:30			80.559	16-08-18 10:03	1273.017752	Other	NA	Electronic	80.559	80.564
AUDJPY.	16-08-18	11:32-13:30			80.576	16-08-18 11:44	3182.544381	Other	NA	Electronic	80.572	80.576
AUDJPY.	16-08-18	13:32-15:30			80.612	16-08-18 13:56	636.5088761	Other	NA	Electronic	80.608	80.612
AUDJPY.	16-08-18	15:32-17:30			80.694	16-08-18 16:04	5092.071009	Other	NA	Electronic	80.697	80.701

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPY.	17-08-18	09:32-11:30			80.431	17-08-18 09:36	3182.544381	Other	NA	Electronic	80.431	80.435
AUDJPY.	17-08-18	11:32-13:30			80.115	17-08-18 12:08	7638.106513	Other	NA	Electronic	80.115	80.118
AUDJPY.	17-08-18	13:32-15:30			80.401	17-08-18 14:03	636.5088761	Other	NA	Electronic	80.401	80.406
AUDJPY.	17-08-18	15:32-17:30			80.474	17-08-18 16:25	636.5088761	Other	NA	Electronic	80.474	80.477
AUDJPY.	20-08-18	09:32-11:30			80.878	20-08-18 09:37	19095.26628	Other	NA	Electronic	80.878	80.882
AUDJPY.	20-08-18	11:30-11:32	80.796	3182.544381								
AUDJPY.	20-08-18	13:32-15:30			80.682	20-08-18 13:55	63650.88761	Other	NA	Electronic	80.682	80.687
AUDJPY.	20-08-18	15:32-17:30			80.68	20-08-18 16:00	636.5088761	Other	NA	Electronic	80.676	80.68
AUDJPY.	21-08-18	09:32-11:30			81.096	21-08-18 09:42	3182.544381	Other	NA	Electronic	81.096	81.101
AUDJPY.	21-08-18	11:32-13:30			81.101	21-08-18 11:47	6365.088761	Other	NA	Electronic	81.101	81.104
AUDJPY.	21-08-18	13:32-15:30			81.145	21-08-18 13:35	1273.017752	Other	NA	Electronic	81.141	81.145
AUDJPY.	21-08-18	15:32-17:30			81.148	21-08-18 15:37	636.5088761	Other	NA	Electronic	81.148	81.152
AUDJPY.	22-08-18	09:32-11:30			81.046	22-08-18 09:35	12730.17752	Other	NA	Electronic	81.041	81.046
AUDJPY.	22-08-18	11:30-11:32	81.18	1273.017752								
AUDJPY.	22-08-18	13:32-15:30			81.172	22-08-18 13:34	3819.053257	Other	NA	Electronic	81.172	81.176

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AUDJPY.	22-08-18	15:32-17:30			81.281	22-08-18 15:56	6365.088761	Other	NA	Electronic	81.278	81.281
AUDJPY.	23-08-18	09:32-11:30			80.849	23-08-18 09:36	1273.017752	Other	NA	Electronic	80.849	80.854
AUDJPY.	23-08-18	11:32-13:30			80.762	23-08-18 11:57	1909.526628	Other	NA	Electronic	80.759	80.762
AUDJPY.	23-08-18	13:32-15:30			80.689	23-08-18 13:44	7001.597637	Other	NA	Electronic	80.689	80.693
AUDJPY.	23-08-18	15:32-17:30			80.745	23-08-18 15:50	12730.17752	Other	NA	Electronic	80.744	80.748
AUDJPY.	24-08-18	09:32-11:30			81.097	24-08-18 09:48	1909.526628	Other	NA	Electronic	81.097	81.101
AUDJPY.	24-08-18	11:32-13:30			81.308	24-08-18 11:33	636.5088761	Other	NA	Electronic	81.308	81.313
AUDJPY.	24-08-18	13:30-13:32	81.441	636.5088761								
AUDJPY.	24-08-18	15:32-17:30			81.499	24-08-18 16:36	3819.053257	Other	NA	Electronic	81.499	81.503
AUDJPY.	27-08-18	09:32-11:30			81.263	27-08-18 10:04	8911.124266	Other	NA	Electronic	81.263	81.268
AUDJPY.	27-08-18	11:32-13:30			81.308	27-08-18 11:39	40736.56807	Other	NA	Electronic	81.305	81.308
AUDJPY.	27-08-18	13:32-15:30			81.438	27-08-18 14:01	9547.633142	Other	NA	Electronic	81.433	81.438
AUDJPY.	27-08-18	15:30-15:32	81.577	636.5088761								
AUDJPY.	28-08-18	09:30-09:32	81.663	1273.017752								
AUDJPY.	28-08-18	11:32-13:30			81.745	28-08-18 13:12	13366.6864	Other	NA	Electronic	81.745	81.749

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AUDJPY.	28-08-18	13:30-13:32	81.714	13366.6864								
AUDJPY.	28-08-18	15:32-17:30			81.639	28-08-18 16:07	1273.017752	Other	NA	Electronic	81.639	81.644
AUDJPY.	29-08-18	09:32-11:30			81.258	29-08-18 09:45	636.5088761	Other	NA	Electronic	81.258	81.261
AUDJPY.	29-08-18	11:32-13:30			81.187	29-08-18 11:50	5092.071009	Other	NA	Electronic	81.184	81.187
AUDJPY.	29-08-18	13:30-13:32	81.217	1273.017752								
AUDJPY.	29-08-18	15:32-17:30			81.516	29-08-18 16:00	636.5088761	Other	NA	Electronic	81.512	81.516
AUDJPY.	30-08-18	09:32-11:30			81.407	30-08-18 10:37	6365.088761	Other	NA	Electronic	81.403	81.407
AUDJPY.	30-08-18	11:32-13:30			81.2	30-08-18 12:56	636.5088761	Other	NA	Electronic	81.196	81.2
AUDJPY.	30-08-18	13:30-13:32	81.129	3182.544381								
AUDJPY.	30-08-18	15:32-17:30			80.797	30-08-18 15:38	636.5088761	Other	NA	Electronic	80.792	80.797
AUDJPY.	31-08-18	09:32-11:30			80.206	31-08-18 10:08	5728.579885	Other	NA	Electronic	80.202	80.206
AUDJPY.	31-08-18	11:32-13:30			80.066	31-08-18 11:35	9547.633142	Other	NA	Electronic	80.067	80.07
AUDJPY.	31-08-18	13:32-15:30			79.962	31-08-18 14:06	9547.633142	Other	NA	Electronic	79.962	79.967
AUDJPY.	31-08-18	15:32-17:30			79.797	31-08-18 15:44	3819.053257	Other	NA	Electronic	79.797	79.801
AUDJPY.	03-09-18	11:32-13:30			80.109	03-09-18 12:19	2546.035504	Other	NA	Electronic	80.105	80.109

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AUDJPY.	03-09-18	13:32-15:30			80.205	03-09-18 13:36	636.5088761	Other	NA	Electronic	80.203	80.205
AUDJPY.	03-09-18	15:32-17:30			80.124	03-09-18 15:42	17185.73966	Other	NA	Electronic	80.124	80.128
AUDJPY.	04-09-18	09:32-11:30			79.925	04-09-18 10:43	1909.526628	Other	NA	Electronic	79.919	79.925
AUDJPY.	04-09-18	11:32-13:30			79.974	04-09-18 12:26	5728.579885	Other	NA	Electronic	79.974	79.979
AUDJPY.	04-09-18	13:32-15:30			79.91	04-09-18 13:36	636.5088761	Other	NA	Electronic	79.905	79.91
AUDJPY.	04-09-18	15:32-17:30			80.002	04-09-18 17:03	1273.017752	Other	NA	Electronic	79.998	80.002
AUDJPY.	05-09-18	09:32-11:30			79.991	05-09-18 10:00	636.5088761	Other	NA	Electronic	79.986	79.991
AUDJPY.	05-09-18	11:32-13:30			80.184	05-09-18 13:24	1909.526628	Other	NA	Electronic	80.184	80.187
AUDJPY.	05-09-18	13:32-15:30			80.305	05-09-18 13:55	636.5088761	Other	NA	Electronic	80.301	80.305
AUDJPY.	05-09-18	15:32-17:30			80.165	05-09-18 15:57	636.5088761	Other	NA	Electronic	80.161	80.165
AUDJPY.	06-09-18	09:32-11:30			79.985	06-09-18 10:00	636.5088761	Other	NA	Electronic	79.98	79.985
AUDJPY.	06-09-18	11:32-13:30			80.1	06-09-18 11:55	6365.088761	Other	NA	Electronic	80.1	80.103
AUDJPY.	06-09-18	13:32-15:30			79.939	06-09-18 14:14	1273.017752	Other	NA	Electronic	79.939	79.944
AUDJPY.	06-09-18	15:32-17:30			79.821	06-09-18 15:39	2546.035504	Other	NA	Electronic	79.817	79.821
AUDJPY.	07-09-18	09:32-11:30			79.254	07-09-18 09:54	636.5088761	Other	NA	Electronic	79.249	79.254

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AUDJPY.	07-09-18	11:32-13:30			79.328	07-09-18 12:30	636.5088761	Other	NA	Electronic	79.328	79.378
AUDJPY.	07-09-18	13:32-15:30			79.22	07-09-18 13:33	636.5088761	Other	NA	Electronic	79.215	79.22
AUDJPY.	07-09-18	15:32-17:30			79.173	07-09-18 16:08	3182.544381	Other	NA	Electronic	79.174	79.184
AUDJPY.	10-09-18	09:30-09:32	79.2	9547.633142								
AUDJPY.	10-09-18	11:32-13:30			79.113	10-09-18 11:45	1273.017752	Other	NA	Electronic	79.113	79.115
AUDJPY.	10-09-18	13:32-15:30			79.175	10-09-18 13:35	636.5088761	Other	NA	Electronic	79.171	79.175
AUDJPY.	10-09-18	15:32-17:30			79.076	10-09-18 16:00	636.5088761	Other	NA	Electronic	79.072	79.076
AUDJPY.	11-09-18	09:30-09:32	79.1325	5092.071009								
AUDJPY.	11-09-18	11:32-13:30			79.041	11-09-18 11:45	636.5088761	Other	NA	Electronic	79.038	79.041
AUDJPY.	11-09-18	13:32-15:30			78.958	11-09-18 13:34	636.5088761	Other	NA	Electronic	78.958	78.963
AUDJPY.	11-09-18	15:32-17:30			79.16	11-09-18 15:33	636.5088761	Other	NA	Electronic	79.155	79.16
AUDJPY.	12-09-18	09:32-11:30			79.368	12-09-18 10:29	1273.017752	Other	NA	Electronic	79.368	79.373
AUDJPY.	12-09-18	11:32-13:30			79.324	12-09-18 11:45	19731.77516	Other	NA	Electronic	79.319	79.324
AUDJPY.	12-09-18	13:32-15:30			79.263	12-09-18 13:39	1273.017752	Other	NA	Electronic	79.258	79.263
AUDJPY.	12-09-18	15:32-17:30			79.979	12-09-18 15:34	5728.579885	Other	NA	Electronic	79.975	79.979

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AUDJPY.	13-09-18	09:32-11:30			80.014	13-09-18 09:52	636.5088761	Other	NA	Electronic	80.008	80.014
AUDJPY.	13-09-18	11:32-13:30			80.151	13-09-18 12:30	636.5088761	Other	NA	Electronic	80.151	80.288
AUDJPY.	13-09-18	13:32-15:30			80.596	13-09-18 13:47	1273.017752	Other	NA	Electronic	80.596	80.601
AUDJPY.	13-09-18	15:32-17:30			80.485	13-09-18 16:00	636.5088761	Other	NA	Electronic	80.485	80.49
AUDJPY.	14-09-18	09:32-11:30			80.516	14-09-18 10:23	2546.035504	Other	NA	Electronic	80.51	80.516
AUDJPY.	14-09-18	11:32-13:30			80.425	14-09-18 11:46	3819.053257	Other	NA	Electronic	80.421	80.425
AUDJPY.	14-09-18	13:32-15:30			80.378	14-09-18 13:44	636.5088761	Other	NA	Electronic	80.373	80.378
AUDJPY.	14-09-18	15:30-15:32	80.532	636.5088761								
AUDJPY.	17-09-18	09:32-11:30			80.291	17-09-18 09:41	3182.544381	Other	NA	Electronic	80.291	80.294
AUDJPY.	17-09-18	11:32-13:30			80.4	17-09-18 11:48	3182.544381	Other	NA	Electronic	80.396	80.4
AUDJPY.	17-09-18	13:32-15:30			80.6	17-09-18 13:33	1273.017752	Other	NA	Electronic	80.599	80.602
AUDJPY.	17-09-18	15:32-17:30			80.461	17-09-18 15:42	13366.6864	Other	NA	Electronic	80.456	80.461
AUDJPY.	18-09-18	09:32-11:30			80.709	18-09-18 09:44	636.5088761	Other	NA	Electronic	80.705	80.709
AUDJPY.	18-09-18	11:32-13:30			80.757	18-09-18 12:17	1273.017752	Other	NA	Electronic	80.754	80.757
AUDJPY.	18-09-18	13:32-15:30			80.99	18-09-18 13:40	636.5088761	Other	NA	Electronic	80.988	80.99



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AUDJPY.	18-09-18	15:32-17:30			81.069	18-09-18 15:43	1909.526628	Other	NA	Electronic	81.066	81.069
AUDJPY.	19-09-18	09:30-09:32	81.443	1273.017752								
AUDJPY.	19-09-18	11:32-13:30			81.472	19-09-18 11:48	636.5088761	Other	NA	Electronic	81.467	81.472
AUDJPY.	19-09-18	13:32-15:30			81.471	19-09-18 13:42	1909.526628	Other	NA	Electronic	81.471	81.475
AUDJPY.	19-09-18	15:32-17:30			81.573	19-09-18 15:46	6365.088761	Other	NA	Electronic	81.573	81.576
AUDJPY.	20-09-18	09:32-11:30			81.569	20-09-18 09:50	6365.088761	Other	NA	Electronic	81.566	81.571
AUDJPY.	20-09-18	11:30-11:32	81.7065	19731.77516								
AUDJPY.	20-09-18	13:32-15:30			81.683	20-09-18 13:44	1273.017752	Other	NA	Electronic	81.683	81.688
AUDJPY.	20-09-18	15:32-17:30			81.88	20-09-18 15:53	1273.017752	Other	NA	Electronic	81.874	81.88
AUDJPY.	21-09-18	09:32-11:30			82.149	21-09-18 10:00	636.5088761	Other	NA	Electronic	82.149	82.155
AUDJPY.	21-09-18	11:32-13:30			81.986	21-09-18 12:28	636.5088761	Other	NA	Electronic	81.986	81.992
AUDJPY.	21-09-18	13:32-15:30			81.916	21-09-18 13:44	3819.053257	Other	NA	Electronic	81.916	81.922
AUDJPY.	21-09-18	15:32-17:30			81.985	21-09-18 15:46	64287.39649	Other	NA	Electronic	81.985	81.989
AUDJPY.	24-09-18	09:32-11:30			81.924	24-09-18 09:45	7638.106513	Other	NA	Electronic	81.924	81.928
AUDJPY.	24-09-18	11:30-11:32	81.885	1909.526628								

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AUDJPY.	24-09-18	13:32-15:30			81.782	24-09-18 14:13	1909.526628	Other	NA	Electronic	81.782	81.786
AUDJPY.	24-09-18	15:32-17:30			81.774	24-09-18 15:50	10184.14202	Other	NA	Electronic	81.77	81.774
AUDJPY.	25-09-18	09:32-11:30			81.751	25-09-18 09:47	636.5088761	Other	NA	Electronic	81.751	81.755
AUDJPY.	25-09-18	11:30-11:32	81.77	39463.55032								
AUDJPY.	25-09-18	13:32-15:30			81.859	25-09-18 13:54	9547.633142	Other	NA	Electronic	81.859	81.864
AUDJPY.	25-09-18	15:32-17:30			81.853	25-09-18 15:40	1909.526628	Other	NA	Electronic	81.853	81.857
AUDJPY.	26-09-18	09:32-11:30			81.929	26-09-18 09:34	1909.526628	Other	NA	Electronic	81.929	81.933
AUDJPY.	27-09-18	09:32-11:30			81.497	27-09-18 09:44	636.5088761	Other	NA	Electronic	81.497	81.503
AUDJPY.	27-09-18	13:32-15:30			81.593	27-09-18 13:49	1909.526628	Other	NA	Electronic	81.593	81.598
AUDJPY.	27-09-18	15:32-17:30			81.895	27-09-18 16:14	5728.579885	Other	NA	Electronic	81.89	81.895
AUDJPY.	28-09-18	09:32-11:30			81.792	28-09-18 11:00	636.5088761	Other	NA	Electronic	81.786	81.792
AUDJPY.	28-09-18	13:32-15:30			81.986	28-09-18 14:00	636.5088761	Other	NA	Electronic	81.98	81.986
AUDJPYmicro	02-07-18	09:32-11:30			81.588	02-07-18 09:35	636.5088761	Other	NA	Electronic	81.588	81.617
AUDJPYmicro	02-07-18	11:30-11:32	81.484	12.73017752								
AUDJPYmicro	02-07-18	13:30-13:32	81.35204	30030.48878								

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AUDJPYmicro	02-07-18	15:30-15:32	81.0895	16873.85031								
AUDJPYmicro	03-07-18	09:32-11:30			81.989	03-07-18 09:34	1279.382841	Other	NA	Electronic	81.989	82.017
AUDJPYmicro	03-07-18	11:32-13:30			81.971	03-07-18 11:34	76.38106513	Other	NA	Electronic	81.942	81.971
AUDJPYmicro	03-07-18	13:30-13:32	81.77167	2877.02012								
AUDJPYmicro	03-07-18	15:30-15:32	81.654	127.3017752								
AUDJPYmicro	04-07-18	09:30-09:32	81.598	159.127219								
AUDJPYmicro	04-07-18	11:32-13:30			81.594	04-07-18 11:48	636.5088761	Other	NA	Electronic	81.594	81.622
AUDJPYmicro	04-07-18	13:30-13:32	81.6135	11457.15977								
AUDJPYmicro	04-07-18	15:30-15:32	81.611	63.65088761								
AUDJPYmicro	05-07-18	09:32-11:30			81.697	05-07-18 09:33	254.6035504	Other	NA	Electronic	81.669	81.697
AUDJPYmicro	05-07-18	11:30-11:32	81.842	31.82544381								
AUDJPYmicro	05-07-18	13:32-15:30			81.789	05-07-18 13:32	63.65088761	Other	NA	Electronic	81.789	81.817
AUDJPYmicro	05-07-18	15:30-15:32	81.72	992.9538467								
AUDJPYmicro	06-07-18	09:32-11:30			81.957	06-07-18 09:39	1279.382841	Other	NA	Electronic	81.957	81.986
AUDJPYmicro	06-07-18	11:32-13:30			82.002	06-07-18 11:33	3819.053257	Other	NA	Electronic	81.973	82.002

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AUDJPYmicro	06-07-18	13:30-13:32	82.002	318.2544381								
AUDJPYmicro	06-07-18	15:32-17:30			82.027	06-07-18 15:33	318.2544381	Other	NA	Electronic	82.027	82.055
AUDJPYmicro	09-07-18	09:30-09:32	82.62438	2807.004144								
AUDJPYmicro	09-07-18	11:30-11:32	82.544	6.365088761								
AUDJPYmicro	09-07-18	13:30-13:32	82.721	3182.544381								
AUDJPYmicro	09-07-18	15:32-17:30			82.715	09-07-18 15:36	254.6035504	Other	NA	Electronic	82.687	82.716
AUDJPYmicro	10-07-18	09:30-09:32	82.7495	1680.383433								
AUDJPYmicro	10-07-18	11:32-13:30			82.743	10-07-18 11:34	445.5562133	Other	NA	Electronic	82.743	82.772
AUDJPYmicro	10-07-18	13:30-13:32	82.897	6.365088761								
AUDJPYmicro	10-07-18	15:30-15:32	83.022	7014.327815								
AUDJPYmicro	11-07-18	09:30-09:32	82.21167	3437.147931								
AUDJPYmicro	11-07-18	11:32-13:30			82.274	11-07-18 11:37	636.5088761	Other	NA	Electronic	82.246	82.274
AUDJPYmicro	11-07-18	13:30-13:32	82.274	381.9053257								
AUDJPYmicro	11-07-18	15:30-15:32	82.5004	1298.478107								
AUDJPYmicro	12-07-18	09:30-09:32	82.994	31.82544381								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPYmicro	12-07-18	11:32-13:30			83.005	12-07-18 11:33	6.365088761	Other	NA	Electronic	83.003	83.031
AUDJPYmicro	12-07-18	13:32-15:30			83.167	12-07-18 13:33	636.5088761	Other	NA	Electronic	83.167	83.196
AUDJPYmicro	12-07-18	15:30-15:32	83.2985	509.2071009								
AUDJPYmicro	13-07-18	09:30-09:32	83.0685	159.127219								
AUDJPYmicro	13-07-18	11:30-11:32	83.06033	1591.27219								
AUDJPYmicro	13-07-18	13:32-15:30			83.214	13-07-18 13:34	190.9526628	Other	NA	Electronic	83.185	83.214
AUDJPYmicro	13-07-18	15:30-15:32	83.389	11756.31894								
AUDJPYmicro	16-07-18	09:30-09:32	83.605	738.3502963								
AUDJPYmicro	16-07-18	11:32-13:30			83.499	16-07-18 11:33	63.65088761	Other	NA	Electronic	83.499	83.527
AUDJPYmicro	16-07-18	13:30-13:32	83.469	502.8420121								
AUDJPYmicro	16-07-18	15:30-15:32	83.31525	20852.03078								
AUDJPYmicro	17-07-18	09:30-09:32	83.43467	1540.35148								
AUDJPYmicro	17-07-18	11:32-13:30			83.32	17-07-18 11:34	318.2544381	Other	NA	Electronic	83.319	83.348
AUDJPYmicro	17-07-18	13:32-15:30			83.358	17-07-18 13:35	6.365088761	Other	NA	Electronic	83.329	83.358
AUDJPYmicro	17-07-18	15:30-15:32	83.38	712.8899413								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPYmicro	18-07-18	09:30-09:32	83.114	636.5088761								
AUDJPYmicro	18-07-18	11:30-11:32	83.1065	3825.418345								
AUDJPYmicro	18-07-18	13:32-15:30			83.048	18-07-18 13:32	426.460947	Other	NA	Electronic	83.048	83.077
AUDJPYmicro	18-07-18	15:30-15:32	83.2915	700.1597637								
AUDJPYmicro	19-07-18	09:30-09:32	83.069	381.9053257								
AUDJPYmicro	19-07-18	11:30-11:32	82.99	190.9526628								
AUDJPYmicro	19-07-18	13:30-13:32	82.916	1661.288167								
AUDJPYmicro	19-07-18	15:30-15:32	82.7745	490.1118346								
AUDJPYmicro	20-07-18	09:32-11:30			82.899	20-07-18 09:32	12.73017752	Other	NA	Electronic	82.871	82.899
AUDJPYmicro	20-07-18	11:30-11:32	82.8785	2546.035504								
AUDJPYmicro	20-07-18	13:32-15:30			82.892	20-07-18 13:32	127.3017752	Other	NA	Electronic	82.891	82.919
AUDJPYmicro	20-07-18	15:30-15:32	82.842	190.9526628								
AUDJPYmicro	23-07-18	09:30-09:32	82.21717	46344.21127								
AUDJPYmicro	23-07-18	11:30-11:32	82.295	11457.15977								
AUDJPYmicro	23-07-18	13:30-13:32	82.238	2005.00296								

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AUDJPYmicro	23-07-18	15:30-15:32	82.184	318.2544381								
AUDJPYmicro	24-07-18	09:32-11:30			82.083	24-07-18 09:35	63.65088761	Other	NA	Electronic	82.083	82.112
AUDJPYmicro	24-07-18	11:32-13:30			82.261	24-07-18 11:33	127.3017752	Other	NA	Electronic	82.233	82.261
AUDJPYmicro	24-07-18	13:32-15:30			82.368	24-07-18 13:34	63.65088761	Other	NA	Electronic	82.341	82.368
AUDJPYmicro	24-07-18	15:30-15:32	82.531	50.92071009								
AUDJPYmicro	25-07-18	09:30-09:32	82.421	36637.45091								
AUDJPYmicro	25-07-18	11:30-11:32	82.302	687.4295862								
AUDJPYmicro	25-07-18	13:32-15:30			82.471	25-07-18 13:34	254.6035504	Other	NA	Electronic	82.442	82.471
AUDJPYmicro	25-07-18	15:30-15:32	82.2055	3819.053257								
AUDJPYmicro	26-07-18	09:30-09:32	82.302	700.1597637								
AUDJPYmicro	26-07-18	11:32-13:30			82.243	26-07-18 11:38	6.365088761	Other	NA	Electronic	82.243	82.272
AUDJPYmicro	26-07-18	13:30-13:32	82.206	38254.18345								
AUDJPYmicro	26-07-18	15:32-17:30			82.084	26-07-18 15:34	127.3017752	Other	NA	Electronic	82.055	82.084
AUDJPYmicro	27-07-18	09:30-09:32	82.014	381.9053257								
AUDJPYmicro	27-07-18	11:32-13:30			81.991	27-07-18 11:46	254.6035504	Other	NA	Electronic	81.991	82.02

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AUDJPYmicro	27-07-18	13:32-15:30			82.054	27-07-18 13:33	954.7633142	Other	NA	Electronic	82.054	82.081
AUDJPYmicro	27-07-18	15:32-17:30			82.221	27-07-18 15:33	636.5088761	Other	NA	Electronic	82.192	82.222
AUDJPYmicro	30-07-18	09:30-09:32	82.168	636.5088761								
AUDJPYmicro	30-07-18	11:32-13:30			82.18	30-07-18 11:34	5257.563317	Other	NA	Electronic	82.18	82.208
AUDJPYmicro	30-07-18	13:30-13:32	82.1585	318.2544381								
AUDJPYmicro	30-07-18	15:30-15:32	82.231	133.666864								
AUDJPYmicro	31-07-18	09:30-09:32	82.763	203.6828404								
AUDJPYmicro	31-07-18	11:32-13:30			82.755	31-07-18 11:32	636.5088761	Other	NA	Electronic	82.755	82.783
AUDJPYmicro	31-07-18	13:30-13:32	83.045	2036.828404								
AUDJPYmicro	31-07-18	15:30-15:32	83.212	127.3017752								
AUDJPYmicro	01-08-18	09:30-09:32	82.921	63.65088761								
AUDJPYmicro	01-08-18	11:32-13:30			82.983	01-08-18 11:34	159.127219	Other	NA	Electronic	82.954	82.983
AUDJPYmicro	01-08-18	13:30-13:32	83.0205	70.01597637								
AUDJPYmicro	01-08-18	15:30-15:32	82.803	63.65088761								
AUDJPYmicro	02-08-18	09:30-09:32	82.132	12730.17752								



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AUDJPYmicro	02-08-18	11:30-11:32	82.144	3373.497043								
AUDJPYmicro	02-08-18	13:32-15:30			82.112	02-08-18 13:34	3182.544381	Other	NA	Electronic	82.083	82.112
AUDJPYmicro	02-08-18	15:32-17:30			82.173	02-08-18 15:32	63.65088761	Other	NA	Electronic	82.173	82.202
AUDJPYmicro	03-08-18	09:30-09:32	82.2445	954.7633142								
AUDJPYmicro	03-08-18	11:30-11:32	82.6	15639.02309								
AUDJPYmicro	03-08-18	13:30-13:32	82.22067	2259.60651								
AUDJPYmicro	03-08-18	15:30-15:32	82.355	2100.479291								
AUDJPYmicro	06-08-18	09:30-09:32	82.31567	1374.859172								
AUDJPYmicro	06-08-18	11:30-11:32	82.297	95.47633142								
AUDJPYmicro	06-08-18	13:30-13:32	82.3	95.47633142								
AUDJPYmicro	06-08-18	15:30-15:32	82.335	95.47633142								
AUDJPYmicro	07-08-18	09:30-09:32	82.67033	477.3816571								
AUDJPYmicro	07-08-18	11:30-11:32	82.62	95.47633142								
AUDJPYmicro	07-08-18	13:30-13:32	82.536	95.47633142								
AUDJPYmicro	07-08-18	15:30-15:32	82.523	95.47633142								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPYmicro	08-08-18	09:30-09:32	82.2188	3367.131955								
AUDJPYmicro	08-08-18	11:30-11:32	82.363	413.7307695								
AUDJPYmicro	08-08-18	13:30-13:32	82.191	95.47633142								
AUDJPYmicro	08-08-18	15:30-15:32	82.324	95.47633142								
AUDJPYmicro	09-08-18	09:30-09:32	82.445	95.47633142								
AUDJPYmicro	09-08-18	11:30-11:32	82.454	95.47633142								
AUDJPYmicro	09-08-18	13:30-13:32	82.2895	731.9852075								
AUDJPYmicro	09-08-18	15:30-15:32	82.09975	1884.066273								
AUDJPYmicro	10-08-18	09:30-09:32	81.063	95.47633142								
AUDJPYmicro	10-08-18	11:30-11:32	81.122	2005.00296								
AUDJPYmicro	10-08-18	13:30-13:32	80.81643	3570.814795								
AUDJPYmicro	10-08-18	15:30-15:32	80.879	95.47633142								
AUDJPYmicro	13-08-18	09:30-09:32	80.308	95.47633142								
AUDJPYmicro	13-08-18	11:30-11:32	80.258	95.47633142								
AUDJPYmicro	13-08-18	13:30-13:32	80.72233	13462.16273								

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AUDJPYmicro	13-08-18	15:30-15:32	80.53567	4646.514796								
AUDJPYmicro	14-08-18	09:30-09:32	80.593	95.47633142								
AUDJPYmicro	14-08-18	11:30-11:32	80.5485	6460.565093								
AUDJPYmicro	14-08-18	13:30-13:32	80.467	95.47633142								
AUDJPYmicro	14-08-18	15:30-15:32	80.297	5257.563317								
AUDJPYmicro	15-08-18	09:30-09:32	80.441	95.47633142								
AUDJPYmicro	15-08-18	11:30-11:32	80.08938	4646.514796								
AUDJPYmicro	15-08-18	13:30-13:32	80.15575	770.1757401								
AUDJPYmicro	15-08-18	15:30-15:32	79.912	318.2544381								
AUDJPYmicro	16-08-18	09:30-09:32	80.514	95.47633142								
AUDJPYmicro	16-08-18	11:30-11:32	80.59	95.47633142								
AUDJPYmicro	16-08-18	13:30-13:32	80.435	95.47633142								
AUDJPYmicro	16-08-18	15:30-15:32	80.599	95.47633142								
AUDJPYmicro	17-08-18	09:30-09:32	80.46386	256290.299								
AUDJPYmicro	17-08-18	11:30-11:32	80.297	95.47633142								

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AUDJPYmicro	17-08-18	13:30-13:32	80.433	95.47633142								
AUDJPYmicro	17-08-18	15:30-15:32	80.462	95.47633142								
AUDJPYmicro	20-08-18	09:32-11:30			80.867	20-08-18 09:33	63.65088761	Other	NA	Electronic	80.841	80.867
AUDJPYmicro	20-08-18	11:32-13:30			80.792	20-08-18 11:32	63650.88761	Other	NA	Electronic	80.765	80.792
AUDJPYmicro	20-08-18	13:32-15:30			80.715	20-08-18 13:35	6365.088761	Other	NA	Electronic	80.688	80.715
AUDJPYmicro	20-08-18	15:32-17:30			80.752	20-08-18 15:40	6.365088761	Other	NA	Electronic	80.724	80.752
AUDJPYmicro	21-08-18	09:32-11:30			81.092	21-08-18 09:35	636.5088761	Other	NA	Electronic	81.064	81.092
AUDJPYmicro	21-08-18	11:32-13:30			81.104	21-08-18 11:57	1273.017752	Other	NA	Electronic	81.104	81.13
AUDJPYmicro	21-08-18	13:30-13:32	81.1385	509.2071009								
AUDJPYmicro	21-08-18	15:32-17:30			81.184	21-08-18 15:45	318.2544381	Other	NA	Electronic	81.184	81.211
AUDJPYmicro	22-08-18	09:30-09:32	81.072	31825.44381								
AUDJPYmicro	22-08-18	11:32-13:30			81.174	22-08-18 11:38	3182.544381	Other	NA	Electronic	81.147	81.174
AUDJPYmicro	22-08-18	13:30-13:32	81.139	381.9053257								
AUDJPYmicro	22-08-18	15:32-17:30			81.219	22-08-18 15:32	254.6035504	Other	NA	Electronic	81.219	81.247
AUDJPYmicro	23-08-18	09:32-11:30			80.843	23-08-18 09:35	254.6035504	Other	NA	Electronic	80.843	80.868

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPYmicro	23-08-18	11:32-13:30			80.79	23-08-18 11:36	6365.088761	Other	NA	Electronic	80.762	80.79
AUDJPYmicro	23-08-18	13:30-13:32	80.6805	381.9053257								
AUDJPYmicro	23-08-18	15:30-15:32	80.805	1018.414202								
AUDJPYmicro	24-08-18	09:30-09:32	81.029	1273.017752								
AUDJPYmicro	24-08-18	11:32-13:30			81.261	24-08-18 11:32	63.65088761	Other	NA	Electronic	81.261	81.288
AUDJPYmicro	24-08-18	13:32-15:30			81.449	24-08-18 13:33	1273.017752	Other	NA	Electronic	81.424	81.449
AUDJPYmicro	24-08-18	15:32-17:30			81.526	24-08-18 15:32	6.365088761	Other	NA	Electronic	81.499	81.526
AUDJPYmicro	27-08-18	09:32-11:30			81.297	27-08-18 09:36	63.65088761	Other	NA	Electronic	81.269	81.297
AUDJPYmicro	27-08-18	11:30-11:32	81.259	127.3017752								
AUDJPYmicro	27-08-18	13:32-15:30			81.39	27-08-18 13:32	381.9053257	Other	NA	Electronic	81.364	81.39
AUDJPYmicro	27-08-18	15:32-17:30			81.552	27-08-18 15:40	63.65088761	Other	NA	Electronic	81.552	81.579
AUDJPYmicro	28-08-18	09:32-11:30			81.649	28-08-18 09:35	547.3976335	Other	NA	Electronic	81.623	81.649
AUDJPYmicro	28-08-18	11:32-13:30			81.593	28-08-18 11:40	3182.544381	Other	NA	Electronic	81.593	81.62
AUDJPYmicro	28-08-18	13:32-15:30			81.735	28-08-18 13:32	458.2863908	Other	NA	Electronic	81.708	81.735
AUDJPYmicro	28-08-18	15:32-17:30			81.64	28-08-18 15:32	25.46035504	Other	NA	Electronic	81.64	81.668

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDJPYmicro	29-08-18	09:32-11:30			81.286	29-08-18 09:37	2864.289943	Other	NA	Electronic	81.258	81.286
AUDJPYmicro	29-08-18	11:32-13:30			81.198	29-08-18 11:34	2546.035504	Other	NA	Electronic	81.172	81.198
AUDJPYmicro	29-08-18	13:32-15:30			81.123	29-08-18 13:41	2546.035504	Other	NA	Electronic	81.123	81.151
AUDJPYmicro	29-08-18	15:30-15:32	81.513	31.82544381								
AUDJPYmicro	30-08-18	09:32-11:30			81.379	30-08-18 09:34	636.5088761	Other	NA	Electronic	81.351	81.379
AUDJPYmicro	30-08-18	11:32-13:30			81.361	30-08-18 11:38	3819.053257	Other	NA	Electronic	81.333	81.361
AUDJPYmicro	30-08-18	13:30-13:32	81.1585	642.8739649								
AUDJPYmicro	30-08-18	15:30-15:32	80.8615	668.3343199								
AUDJPYmicro	31-08-18	09:32-11:30			80.135	31-08-18 09:32	3182.544381	Other	NA	Electronic	80.135	80.162
AUDJPYmicro	31-08-18	11:32-13:30			80.099	31-08-18 11:32	8274.61539	Other	NA	Electronic	80.071	80.099
AUDJPYmicro	31-08-18	13:30-13:32	79.9095	1909.526628								
AUDJPYmicro	31-08-18	15:30-15:32	79.86708	4239.149115								
AUDJPYmicro	03-09-18	09:32-11:30			80.038	03-09-18 09:34	63.65088761	Other	NA	Electronic	80.038	80.066
AUDJPYmicro	03-09-18	11:30-11:32	80.086	127.3017752								
AUDJPYmicro	03-09-18	13:32-15:30			80.209	03-09-18 13:32	63.65088761	Other	NA	Electronic	80.209	80.237

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AUDJPYmicro	03-09-18	15:30-15:32	80.107	184.5875741								
AUDJPYmicro	04-09-18	09:32-11:30			79.914	04-09-18 09:37	63.65088761	Other	NA	Electronic	79.887	79.914
AUDJPYmicro	04-09-18	11:30-11:32	79.896	63.65088761								
AUDJPYmicro	04-09-18	13:32-15:30			79.927	04-09-18 13:34	318.2544381	Other	NA	Electronic	79.927	79.954
AUDJPYmicro	04-09-18	15:32-17:30			79.965	04-09-18 15:37	63.65088761	Other	NA	Electronic	79.965	79.993
AUDJPYmicro	05-09-18	09:30-09:32	79.976	1273.017752								
AUDJPYmicro	05-09-18	11:30-11:32	80.097	63.65088761								
AUDJPYmicro	05-09-18	13:30-13:32	80.256	5092.071009								
AUDJPYmicro	05-09-18	15:32-17:30			80.2	05-09-18 15:35	222.7781066	Other	NA	Electronic	80.172	80.2
AUDJPYmicro	06-09-18	09:32-11:30			80.082	06-09-18 09:38	318.2544381	Other	NA	Electronic	80.082	80.109
AUDJPYmicro	06-09-18	11:32-13:30			80.08	06-09-18 11:35	961.1284029	Other	NA	Electronic	80.08	80.107
AUDJPYmicro	06-09-18	13:30-13:32	79.972	6.365088761								
AUDJPYmicro	06-09-18	15:30-15:32	79.7985	515.5721897								
AUDJPYmicro	07-09-18	09:30-09:32	79.324	63.65088761								
AUDJPYmicro	07-09-18	11:30-11:32	79.40253	108.2065089								

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AUDJPYmicro	07-09-18	13:30-13:32	79.264	6.365088761								
AUDJPYmicro	07-09-18	15:30-15:32	79.323	1591.27219								
AUDJPYmicro	10-09-18	09:30-09:32	79.192	25.46035504								
AUDJPYmicro	10-09-18	11:32-13:30			79.133	10-09-18 11:37	636.5088761	Other	NA	Electronic	79.107	79.133
AUDJPYmicro	10-09-18	13:30-13:32	79.199	4137.307695								
AUDJPYmicro	10-09-18	15:30-15:32	79.1232	95.47633142								
AUDJPYmicro	11-09-18	09:30-09:32	79.114	63.65088761								
AUDJPYmicro	11-09-18	11:32-13:30			79.047	11-09-18 11:33	63.65088761	Other	NA	Electronic	79.048	79.074
AUDJPYmicro	11-09-18	13:30-13:32	78.961	25.46035504								
AUDJPYmicro	11-09-18	15:30-15:32	79.151	63.65088761								
AUDJPYmicro	12-09-18	09:32-11:30			79.338	12-09-18 09:32	636.5088761	Other	NA	Electronic	79.311	79.338
AUDJPYmicro	12-09-18	11:30-11:32	79.34033	38.19053257								
AUDJPYmicro	12-09-18	13:32-15:30			79.254	12-09-18 13:33	636.5088761	Other	NA	Electronic	79.254	79.28
AUDJPYmicro	12-09-18	15:30-15:32	79.993	127.3017752								
AUDJPYmicro	13-09-18	09:30-09:32	80.09	63.65088761								



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AUDJPYmicro	13-09-18	11:30-11:32	80.211	12793.82841								
AUDJPYmicro	13-09-18	13:30-13:32	80.5	82.7461539								
AUDJPYmicro	13-09-18	15:30-15:32	80.46775	1954.08225								
AUDJPYmicro	14-09-18	09:32-11:30			80.467	14-09-18 09:38	127.3017752	Other	NA	Electronic	80.467	80.495
AUDJPYmicro	14-09-18	11:32-13:30			80.361	14-09-18 11:48	63.65088761	Other	NA	Electronic	80.361	80.39
AUDJPYmicro	14-09-18	13:30-13:32	80.337	235.5082842								
AUDJPYmicro	14-09-18	15:32-17:30			80.538	14-09-18 15:37	63.65088761	Other	NA	Electronic	80.51	80.538
AUDJPYmicro	17-09-18	09:32-11:30			80.317	17-09-18 09:35	12.73017752	Other	NA	Electronic	80.29	80.317
AUDJPYmicro	17-09-18	11:32-13:30			80.363	17-09-18 11:44	636.5088761	Other	NA	Electronic	80.363	80.392
AUDJPYmicro	17-09-18	13:30-13:32	80.575	477.3816571								
AUDJPYmicro	17-09-18	15:32-17:30			80.405	17-09-18 15:33	89.11124266	Other	NA	Electronic	80.405	80.432
AUDJPYmicro	18-09-18	09:30-09:32	80.678	38.19053257								
AUDJPYmicro	18-09-18	11:30-11:32	80.6415	674.6994087								
AUDJPYmicro	18-09-18	13:30-13:32	80.889	36440.13316								
AUDJPYmicro	18-09-18	15:30-15:32	80.991	63.65088761								

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AUDJPYmicro	19-09-18	09:32-11:30			81.471	19-09-18 09:35	254.6035504	Other	NA	Electronic	81.471	81.497
AUDJPYmicro	19-09-18	11:30-11:32	81.437	1909.526628								
AUDJPYmicro	19-09-18	13:30-13:32	81.44	12.73017752								
AUDJPYmicro	19-09-18	15:30-15:32	81.58433	566.4928997								
AUDJPYmicro	20-09-18	09:32-11:30			81.525	20-09-18 09:33	318.2544381	Other	NA	Electronic	81.525	81.554
AUDJPYmicro	20-09-18	11:30-11:32	81.69527	22245.98522								
AUDJPYmicro	20-09-18	13:30-13:32	81.72225	954.7633142								
AUDJPYmicro	20-09-18	15:30-15:32	81.8385	127.3017752								
AUDJPYmicro	21-09-18	09:30-09:32	82.16786	159.127219								
AUDJPYmicro	21-09-18	11:30-11:32	82.103	63.65088761								
AUDJPYmicro	21-09-18	13:32-15:30			81.907	21-09-18 13:32	63.65088761	Other	NA	Electronic	81.907	81.934
AUDJPYmicro	21-09-18	15:32-17:30			82.022	21-09-18 15:48	146.3970415	Other	NA	Electronic	81.994	82.022
AUDJPYmicro	24-09-18	09:30-09:32	81.954	636.5088761								
AUDJPYmicro	24-09-18	11:32-13:30			81.89	24-09-18 11:33	31.82544381	Other	NA	Electronic	81.863	81.89
AUDJPYmicro	24-09-18	13:32-15:30			81.861	24-09-18 13:32	1145.715977	Other	NA	Electronic	81.861	81.889

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AUDJPYmicro	24-09-18	15:32-17:30			81.761	24-09-18 15:32	1909.526628	Other	NA	Electronic	81.761	81.788
AUDJPYmicro	25-09-18	09:30-09:32	81.7315	954.7633142								
AUDJPYmicro	25-09-18	11:32-13:30			81.801	25-09-18 11:51	190.9526628	Other	NA	Electronic	81.801	81.827
AUDJPYmicro	25-09-18	13:32-15:30			81.932	25-09-18 13:41	636.5088761	Other	NA	Electronic	81.905	81.932
AUDJPYmicro	25-09-18	15:30-15:32	81.868	63.65088761								
AUDJPYmicro	26-09-18	09:32-11:30			81.935	26-09-18 09:39	190.9526628	Other	NA	Electronic	81.907	81.935
AUDJPYmicro	26-09-18	11:30-11:32	81.92238	1317.573374								
AUDJPYmicro	26-09-18	13:30-13:32	81.8955	674.6994087								
AUDJPYmicro	26-09-18	15:32-17:30			81.976	26-09-18 15:32	127.3017752	Other	NA	Electronic	81.976	82.004
AUDJPYmicro	27-09-18	09:30-09:32	81.509	190.9526628								
AUDJPYmicro	27-09-18	11:32-13:30			81.579	27-09-18 11:32	12.73017752	Other	NA	Electronic	81.551	81.579
AUDJPYmicro	27-09-18	13:32-15:30			81.551	27-09-18 13:33	31.82544381	Other	NA	Electronic	81.551	81.579
AUDJPYmicro	27-09-18	15:30-15:32	81.726	235.5082842								
AUDJPYmicro	28-09-18	09:30-09:32	81.876	636.5088761								
AUDJPYmicro	28-09-18	11:32-13:30			81.754	28-09-18 11:54	31.82544381	Other	NA	Electronic	81.726	81.754

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AUDJPYmicro	28-09-18	13:32-15:30			81.874	28-09-18 13:33	25.46035504	Other	NA	Electronic	81.845	81.874
AUDJPYmicro	28-09-18	15:32-17:30			82.096	28-09-18 15:33	101.8414202	Other	NA	Electronic	82.096	82.126
AUDNZD	02-07-18	09:32-11:30			1.09221	02-07-18 09:33	3182.544381	Other	NA	Electronic	1.09221	1.09262
AUDNZD	02-07-18	11:30-11:32	1.09383	1909.526628								
AUDNZD	02-07-18	13:30-13:32	1.09385	1273.017752								
AUDNZD	02-07-18	15:30-15:32	1.09308	636.5088761								
AUDNZD	03-07-18	09:32-11:30			1.09637	03-07-18 09:42	3182.544381	Other	NA	Electronic	1.09637	1.09675
AUDNZD	03-07-18	11:30-11:32	1.09755	636.5088761								
AUDNZD	03-07-18	13:32-15:30			1.09715	03-07-18 13:40	636.5088761	Other	NA	Electronic	1.09667	1.09715
AUDNZD	03-07-18	15:32-17:30			1.09331	03-07-18 15:37	1273.017752	Other	NA	Electronic	1.09334	1.09379
AUDNZD	04-07-18	09:30-09:32	1.09146	636.5088761								
AUDNZD	04-07-18	11:30-11:32	1.09225	636.5088761								
AUDNZD	04-07-18	13:32-15:30			1.09253	04-07-18 13:35	3182.544381	Other	NA	Electronic	1.09206	1.09254
AUDNZD	04-07-18	15:30-15:32	1.09118	636.5088761								
AUDNZD	05-07-18	09:30-09:32	1.0881	2546.035504								

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AUDNZD	05-07-18	11:32-13:30			1.09079	05-07-18 11:36	1273.017752	Other	NA	Electronic	1.09034	1.09079
AUDNZD	05-07-18	13:32-15:30			1.08998	05-07-18 13:36	6365.088761	Other	NA	Electronic	1.08953	1.08997
AUDNZD	05-07-18	15:32-17:30			1.08821	05-07-18 15:34	1909.526628	Other	NA	Electronic	1.08778	1.08821
AUDNZD	06-07-18	09:30-09:32	1.08751	6365.088761								
AUDNZD	06-07-18	11:32-13:30			1.08688	06-07-18 11:34	31825.44381	Other	NA	Electronic	1.08643	1.08688
AUDNZD	06-07-18	13:30-13:32	1.08721	1273.017752								
AUDNZD	06-07-18	15:32-17:30			1.08678	06-07-18 15:43	5728.579885	Other	NA	Electronic	1.08678	1.08719
AUDNZD	09-07-18	09:32-11:30			1.09283	09-07-18 09:32	6365.088761	Other	NA	Electronic	1.09283	1.09327
AUDNZD	09-07-18	11:30-11:32	1.09119	44555.62133								
AUDNZD	09-07-18	13:30-13:32	1.09188	3182.544381								
AUDNZD	09-07-18	15:30-15:32	1.09187	9547.633142								
AUDNZD	10-07-18	09:32-11:30			1.09167	10-07-18 09:33	31825.44381	Other	NA	Electronic	1.09167	1.09213
AUDNZD	10-07-18	11:32-13:30			1.09174	10-07-18 11:34	636.5088761	Other	NA	Electronic	1.09174	1.09219
AUDNZD	10-07-18	13:30-13:32	1.09241	7001.597637								
AUDNZD	10-07-18	15:32-17:30			1.09196	10-07-18 15:36	1273.017752	Other	NA	Electronic	1.09196	1.09242

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AUDNZD	11-07-18	09:30-09:32	1.08776	1273.017752								
AUDNZD	11-07-18	11:32-13:30			1.08831	11-07-18 11:55	636.5088761	Other	NA	Electronic	1.08831	1.08876
AUDNZD	11-07-18	13:30-13:32	1.08932	1909.526628								
AUDNZD	11-07-18	15:32-17:30			1.09011	11-07-18 15:33	1273.017752	Other	NA	Electronic	1.08969	1.09011
AUDNZD	12-07-18	09:32-11:30			1.0918	12-07-18 09:37	3182.544381	Other	NA	Electronic	1.09135	1.0918
AUDNZD	12-07-18	11:32-13:30			1.09185	12-07-18 11:33	636.5088761	Other	NA	Electronic	1.09185	1.09228
AUDNZD	12-07-18	13:32-15:30			1.09252	12-07-18 13:41	636.5088761	Other	NA	Electronic	1.0921	1.09252
AUDNZD	12-07-18	15:32-17:30			1.0936	12-07-18 15:33	6365.088761	Other	NA	Electronic	1.0936	1.09407
AUDNZD	13-07-18	09:32-11:30			1.09507	13-07-18 09:35	1273.017752	Other	NA	Electronic	1.09507	1.09553
AUDNZD	13-07-18	11:32-13:30			1.09594	13-07-18 11:40	636.5088761	Other	NA	Electronic	1.09594	1.09638
AUDNZD	13-07-18	13:32-15:30			1.0969	13-07-18 13:33	636.5088761	Other	NA	Electronic	1.09648	1.0969
AUDNZD	13-07-18	15:30-15:32	1.09613	1909.526628								
AUDNZD	16-07-18	09:30-09:32	1.09709	1273.017752								
AUDNZD	16-07-18	11:32-13:30			1.09558	16-07-18 11:35	1273.017752	Other	NA	Electronic	1.09515	1.09558
AUDNZD	16-07-18	13:30-13:32	1.09459	26096.86392								

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AUDNZD	16-07-18	15:32-17:30			1.09549	16-07-18 15:32	3182.544381	Other	NA	Electronic	1.09549	1.09591
AUDNZD	17-07-18	09:30-09:32	1.08721	3819.053257								
AUDNZD	17-07-18	11:32-13:30			1.08701	17-07-18 11:35	1273.017752	Other	NA	Electronic	1.08701	1.08746
AUDNZD	17-07-18	13:32-15:30			1.08838	17-07-18 13:32	3182.544381	Other	NA	Electronic	1.08794	1.08838
AUDNZD	17-07-18	15:32-17:30			1.08777	17-07-18 15:33	25460.35504	Other	NA	Electronic	1.08777	1.08825
AUDNZD	18-07-18	09:32-11:30			1.0879	18-07-18 09:41	636.5088761	Other	NA	Electronic	1.0879	1.08828
AUDNZD	18-07-18	11:32-13:30			1.08721	18-07-18 11:34	2546.035504	Other	NA	Electronic	1.08721	1.08768
AUDNZD	18-07-18	13:32-15:30			1.08681	18-07-18 13:51	636.5088761	Other	NA	Electronic	1.0868	1.08725
AUDNZD	18-07-18	15:30-15:32	1.08871	1273.017752								
AUDNZD	19-07-18	09:32-11:30			1.09164	19-07-18 09:42	31825.44381	Other	NA	Electronic	1.09118	1.09164
AUDNZD	19-07-18	11:32-13:30			1.09075	19-07-18 11:33	2546.035504	Other	NA	Electronic	1.09076	1.0912
AUDNZD	19-07-18	13:32-15:30			1.09074	19-07-18 13:49	1273.017752	Other	NA	Electronic	1.09029	1.09074
AUDNZD	19-07-18	15:30-15:32	1.09162	1273.017752								
AUDNZD	20-07-18	09:32-11:30			1.08999	20-07-18 09:40	636.5088761	Other	NA	Electronic	1.08999	1.09044
AUDNZD	20-07-18	11:30-11:32	1.09008	636.5088761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	20-07-18	13:32-15:30			1.0901	20-07-18 13:39	1909.526628	Other	NA	Electronic	1.0901	1.09057
AUDNZD	20-07-18	15:32-17:30			1.08935	20-07-18 15:38	6365.088761	Other	NA	Electronic	1.08935	1.0898
AUDNZD	23-07-18	09:30-09:32	1.08752	8911.124266								
AUDNZD	23-07-18	11:32-13:30			1.08788	23-07-18 11:35	3182.544381	Other	NA	Electronic	1.08743	1.08788
AUDNZD	23-07-18	13:32-15:30			1.08733	23-07-18 13:36	1273.017752	Other	NA	Electronic	1.08733	1.08777
AUDNZD	23-07-18	15:32-17:30			1.08839	23-07-18 15:37	636.5088761	Other	NA	Electronic	1.08794	1.08839
AUDNZD	24-07-18	09:32-11:30			1.08769	24-07-18 09:59	1273.017752	Other	NA	Electronic	1.08723	1.08769
AUDNZD	24-07-18	11:32-13:30			1.08813	24-07-18 12:02	636.5088761	Other	NA	Electronic	1.08813	1.08858
AUDNZD	24-07-18	13:30-13:32	1.08867	636.5088761								
AUDNZD	24-07-18	15:32-17:30			1.09002	24-07-18 15:35	636.5088761	Other	NA	Electronic	1.09002	1.09045
AUDNZD	25-07-18	09:30-09:32	1.08851	9547.633142								
AUDNZD	25-07-18	11:32-13:30			1.08858	25-07-18 11:34	3182.544381	Other	NA	Electronic	1.08812	1.08858
AUDNZD	25-07-18	13:32-15:30			1.0896	25-07-18 13:50	2546.035504	Other	NA	Electronic	1.08915	1.0896
AUDNZD	25-07-18	15:32-17:30			1.08853	25-07-18 15:44	6365.088761	Other	NA	Electronic	1.08853	1.08901
AUDNZD	26-07-18	09:32-11:30			1.08845	26-07-18 09:41	636.5088761	Other	NA	Electronic	1.08801	1.08845



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	26-07-18	11:32-13:30			1.08815	26-07-18 11:51	95476.33142	Other	NA	Electronic	1.08815	1.08863
AUDNZD	26-07-18	13:30-13:32	1.08762	1273.017752								
AUDNZD	26-07-18	15:32-17:30			1.08725	26-07-18 15:39	31825.44381	Other	NA	Electronic	1.08725	1.08767
AUDNZD	27-07-18	09:32-11:30			1.09009	27-07-18 10:22	6365.088761	Other	NA	Electronic	1.08963	1.09009
AUDNZD	27-07-18	11:32-13:30			1.09005	27-07-18 11:58	63650.88761	Other	NA	Electronic	1.0896	1.09005
AUDNZD	27-07-18	13:32-15:30			1.08963	27-07-18 13:54	2546.035504	Other	NA	Electronic	1.08963	1.0901
AUDNZD	27-07-18	15:32-17:30			1.08962	27-07-18 16:21	2546.035504	Other	NA	Electronic	1.08916	1.08962
AUDNZD	30-07-18	09:32-11:30			1.08747	30-07-18 09:34	2546.035504	Other	NA	Electronic	1.08702	1.08747
AUDNZD	30-07-18	11:32-13:30			1.08689	30-07-18 11:58	1273.017752	Other	NA	Electronic	1.08644	1.08689
AUDNZD	30-07-18	13:30-13:32	1.08617	3182.544381								
AUDNZD	30-07-18	15:32-17:30			1.08434	30-07-18 15:37	636.5088761	Other	NA	Electronic	1.08434	1.08474
AUDNZD	31-07-18	09:30-09:32	1.08889	1273.017752								
AUDNZD	31-07-18	11:30-11:32	1.08902	636.5088761								
AUDNZD	31-07-18	13:30-13:32	1.09029	12730.17752								
AUDNZD	31-07-18	15:32-17:30			1.09213	31-07-18 15:36	1909.526628	Other	NA	Electronic	1.09169	1.09213

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	01-08-18	09:30-09:32	1.08993	7638.106513								
AUDNZD	01-08-18	11:32-13:30			1.08944	01-08-18 12:06	636.5088761	Other	NA	Electronic	1.08944	1.08991
AUDNZD	01-08-18	13:30-13:32	1.08921	6365.088761								
AUDNZD	01-08-18	15:30-15:32	1.08937	6365.088761								
AUDNZD	02-08-18	09:32-11:30			1.08937	02-08-18 09:36	636.5088761	Other	NA	Electronic	1.08937	1.08981
AUDNZD	02-08-18	11:32-13:30			1.09032	02-08-18 11:35	636.5088761	Other	NA	Electronic	1.08986	1.09032
AUDNZD	02-08-18	13:32-15:30			1.09078	02-08-18 13:43	1273.017752	Other	NA	Electronic	1.09078	1.0912
AUDNZD	02-08-18	15:30-15:32	1.09284	636.5088761								
AUDNZD	03-08-18	09:32-11:30			1.09366	03-08-18 09:32	6365.088761	Other	NA	Electronic	1.09321	1.09366
AUDNZD	03-08-18	11:32-13:30			1.09455	03-08-18 11:37	3182.544381	Other	NA	Electronic	1.09456	1.09505
AUDNZD	03-08-18	13:32-15:30			1.09615	03-08-18 13:35	30552.42605	Other	NA	Electronic	1.09572	1.09615
AUDNZD	03-08-18	15:32-17:30			1.09599	03-08-18 16:01	6365.088761	Other	NA	Electronic	1.09599	1.09643
AUDNZD	06-08-18	09:32-11:30			1.09722	06-08-18 09:34	1273.017752	Other	NA	Electronic	1.09722	1.09766
AUDNZD	06-08-18	11:32-13:30			1.09738	06-08-18 11:32	9547.633142	Other	NA	Electronic	1.09738	1.09781
AUDNZD	06-08-18	13:32-15:30			1.09647	06-08-18 13:54	3182.544381	Other	NA	Electronic	1.09647	1.09693

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	06-08-18	15:32-17:30			1.09775	06-08-18 15:43	3182.544381	Other	NA	Electronic	1.0973	1.09775
AUDNZD	07-08-18	09:30-09:32	1.10156	15912.7219								
AUDNZD	07-08-18	11:32-13:30			1.10133	07-08-18 11:34	1909.526628	Other	NA	Electronic	1.10133	1.10178
AUDNZD	07-08-18	13:32-15:30			1.10157	07-08-18 13:32	636.5088761	Other	NA	Electronic	1.10157	1.102
AUDNZD	07-08-18	15:30-15:32	1.1022	2546.035504								
AUDNZD	08-08-18	09:32-11:30			1.10014	08-08-18 09:39	636.5088761	Other	NA	Electronic	1.09969	1.10014
AUDNZD	08-08-18	11:32-13:30			1.0994	08-08-18 11:54	3182.544381	Other	NA	Electronic	1.0994	1.09986
AUDNZD	08-08-18	13:32-15:30			1.09878	08-08-18 13:32	1909.526628	Other	NA	Electronic	1.09835	1.09878
AUDNZD	08-08-18	15:32-17:30			1.09993	08-08-18 15:36	1909.526628	Other	NA	Electronic	1.09993	1.10036
AUDNZD	09-08-18	09:30-09:32	1.11557	2546.035504								
AUDNZD	09-08-18	11:32-13:30			1.11545	09-08-18 11:34	2546.035504	Other	NA	Electronic	1.11545	1.11589
AUDNZD	09-08-18	13:32-15:30			1.11691	09-08-18 13:38	38190.53257	Other	NA	Electronic	1.11647	1.11691
AUDNZD	09-08-18	15:32-17:30			1.11675	09-08-18 15:41	636.5088761	Other	NA	Electronic	1.11631	1.11675
AUDNZD	10-08-18	09:30-09:32	1.10898	8274.61539								
AUDNZD	10-08-18	11:32-13:30			1.10773	10-08-18 11:32	636.5088761	Other	NA	Electronic	1.10773	1.10818

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	10-08-18	13:30-13:32	1.10531	4455.562133								
AUDNZD	10-08-18	15:32-17:30			1.10586	10-08-18 15:32	636.5088761	Other	NA	Electronic	1.10545	1.10586
AUDNZD	13-08-18	09:32-11:30			1.10599	13-08-18 09:46	159127.219	Other	NA	Electronic	1.10559	1.10599
AUDNZD	13-08-18	11:32-13:30			1.10635	13-08-18 11:56	6365.088761	Other	NA	Electronic	1.10635	1.10684
AUDNZD	13-08-18	13:32-15:30			1.10562	13-08-18 13:38	6365.088761	Other	NA	Electronic	1.10562	1.10605
AUDNZD	13-08-18	15:32-17:30			1.10399	13-08-18 16:00	3182.544381	Other	NA	Electronic	1.10399	1.10444
AUDNZD	14-08-18	09:32-11:30			1.1012	14-08-18 09:39	6365.088761	Other	NA	Electronic	1.1012	1.10163
AUDNZD	14-08-18	11:32-13:30			1.10056	14-08-18 11:49	2546.035504	Other	NA	Electronic	1.10056	1.10102
AUDNZD	14-08-18	13:32-15:30			1.09968	14-08-18 13:32	54103.25447	Other	NA	Electronic	1.09926	1.09968
AUDNZD	14-08-18	15:32-17:30			1.09961	14-08-18 15:51	636.5088761	Other	NA	Electronic	1.0992	1.09961
AUDNZD	15-08-18	09:32-11:30			1.10314	15-08-18 09:35	636.5088761	Other	NA	Electronic	1.10314	1.10354
AUDNZD	15-08-18	11:32-13:30			1.10147	15-08-18 11:32	636.5088761	Other	NA	Electronic	1.10147	1.1019
AUDNZD	15-08-18	13:32-15:30			1.1009	15-08-18 13:51	3182.544381	Other	NA	Electronic	1.10045	1.1009
AUDNZD	15-08-18	15:32-17:30			1.10303	15-08-18 15:36	3819.053257	Other	NA	Electronic	1.10261	1.10303
AUDNZD	16-08-18	09:32-11:30			1.1043	16-08-18 09:33	3182.544381	Other	NA	Electronic	1.1043	1.10475

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	16-08-18	11:30-11:32	1.10342	31825.44381								
AUDNZD	16-08-18	13:30-13:32	1.10263	636.5088761								
AUDNZD	16-08-18	15:32-17:30			1.10245	16-08-18 15:36	636.5088761	Other	NA	Electronic	1.10245	1.10287
AUDNZD	17-08-18	09:30-09:32	1.10143	7638.106513								
AUDNZD	17-08-18	11:32-13:30			1.101	17-08-18 12:25	7001.597637	Other	NA	Electronic	1.101	1.10143
AUDNZD	17-08-18	13:32-15:30			1.10216	17-08-18 13:44	9547.633142	Other	NA	Electronic	1.10216	1.1026
AUDNZD	17-08-18	15:32-17:30			1.10171	17-08-18 16:31	4455.562133	Other	NA	Electronic	1.10171	1.10219
AUDNZD	20-08-18	09:32-11:30			1.1044	20-08-18 09:38	636.5088761	Other	NA	Electronic	1.10399	1.1044
AUDNZD	20-08-18	11:32-13:30			1.10289	20-08-18 12:47	636.5088761	Other	NA	Electronic	1.10289	1.10335
AUDNZD	20-08-18	13:32-15:30			1.10345	20-08-18 13:36	1273.017752	Other	NA	Electronic	1.10302	1.10345
AUDNZD	20-08-18	15:32-17:30			1.10476	20-08-18 16:37	12730.17752	Other	NA	Electronic	1.10428	1.10476
AUDNZD	21-08-18	09:32-11:30			1.10377	21-08-18 09:43	31825.44381	Other	NA	Electronic	1.10333	1.10377
AUDNZD	21-08-18	11:32-13:30			1.10257	21-08-18 12:36	1909.526628	Other	NA	Electronic	1.10257	1.10302
AUDNZD	21-08-18	13:32-15:30			1.10287	21-08-18 13:58	31825.44381	Other	NA	Electronic	1.10245	1.10287
AUDNZD	21-08-18	15:32-17:30			1.10121	21-08-18 15:33	636.5088761	Other	NA	Electronic	1.10076	1.10121

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	22-08-18	09:30-09:32	1.09784	636.5088761								
AUDNZD	22-08-18	11:32-13:30			1.09778	22-08-18 11:43	636.5088761	Other	NA	Electronic	1.09732	1.09778
AUDNZD	22-08-18	13:32-15:30			1.09716	22-08-18 13:35	1273.017752	Other	NA	Electronic	1.0967	1.09716
AUDNZD	22-08-18	15:32-17:30			1.09736	22-08-18 15:40	1909.526628	Other	NA	Electronic	1.09736	1.09783
AUDNZD	23-08-18	09:32-11:30			1.09347	23-08-18 09:52	636.5088761	Other	NA	Electronic	1.09303	1.09347
AUDNZD	23-08-18	11:30-11:32	1.09215	6365.088761								
AUDNZD	23-08-18	13:30-13:32	1.09092	636.5088761								
AUDNZD	23-08-18	15:32-17:30			1.09249	23-08-18 15:45	6365.088761	Other	NA	Electronic	1.09205	1.09249
AUDNZD	24-08-18	09:32-11:30			1.09509	24-08-18 11:23	636.5088761	Other	NA	Electronic	1.09509	1.09554
AUDNZD	24-08-18	11:32-13:30			1.09515	24-08-18 11:43	31825.44381	Other	NA	Electronic	1.09515	1.09561
AUDNZD	24-08-18	13:32-15:30			1.09761	24-08-18 14:01	1909.526628	Other	NA	Electronic	1.09714	1.09761
AUDNZD	24-08-18	15:32-17:30			1.09504	24-08-18 16:33	1909.526628	Other	NA	Electronic	1.09504	1.0955
AUDNZD	27-08-18	09:32-11:30			1.09596	27-08-18 09:33	7001.597637	Other	NA	Electronic	1.09552	1.09596
AUDNZD	27-08-18	11:32-13:30			1.09633	27-08-18 11:36	636.5088761	Other	NA	Electronic	1.09587	1.09633
AUDNZD	27-08-18	13:32-15:30			1.09679	27-08-18 13:39	636.5088761	Other	NA	Electronic	1.09634	1.09679

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	27-08-18	15:32-17:30			1.09718	27-08-18 15:56	636.5088761	Other	NA	Electronic	1.09718	1.09763
AUDNZD	28-08-18	09:32-11:30			1.09605	28-08-18 09:59	1909.526628	Other	NA	Electronic	1.0956	1.09605
AUDNZD	28-08-18	11:32-13:30			1.09495	28-08-18 11:32	1273.017752	Other	NA	Electronic	1.09495	1.09541
AUDNZD	28-08-18	13:32-15:30			1.09469	28-08-18 14:20	3182.544381	Other	NA	Electronic	1.09469	1.09515
AUDNZD	28-08-18	15:30-15:32	1.09447	636.5088761								
AUDNZD	29-08-18	09:32-11:30			1.08915	29-08-18 09:33	636.5088761	Other	NA	Electronic	1.08872	1.08915
AUDNZD	29-08-18	11:32-13:30			1.08964	29-08-18 11:39	1273.017752	Other	NA	Electronic	1.0892	1.08964
AUDNZD	29-08-18	13:32-15:30			1.08921	29-08-18 13:34	1273.017752	Other	NA	Electronic	1.08876	1.08921
AUDNZD	29-08-18	15:32-17:30			1.08846	29-08-18 15:44	636.5088761	Other	NA	Electronic	1.08803	1.08846
AUDNZD	30-08-18	09:32-11:30			1.09515	30-08-18 09:36	6365.088761	Other	NA	Electronic	1.09469	1.09515
AUDNZD	30-08-18	11:32-13:30			1.09496	30-08-18 11:42	1273.017752	Other	NA	Electronic	1.09496	1.09539
AUDNZD	30-08-18	13:32-15:30			1.09554	30-08-18 13:32	1273.017752	Other	NA	Electronic	1.09507	1.09554
AUDNZD	30-08-18	15:32-17:30			1.09365	30-08-18 15:35	3819.053257	Other	NA	Electronic	1.09365	1.09409
AUDNZD	31-08-18	09:32-11:30			1.08956	31-08-18 09:41	6365.088761	Other	NA	Electronic	1.08912	1.08956
AUDNZD	31-08-18	11:32-13:30			1.08921	31-08-18 11:55	2546.035504	Other	NA	Electronic	1.08876	1.08921

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	31-08-18	13:30-13:32	1.08773	636.5088761								
AUDNZD	31-08-18	15:32-17:30			1.08697	31-08-18 15:41	6365.088761	Other	NA	Electronic	1.08696	1.08751
AUDNZD	03-09-18	09:32-11:30			1.0902	03-09-18 09:36	1909.526628	Other	NA	Electronic	1.0902	1.09065
AUDNZD	03-09-18	11:32-13:30			1.09023	03-09-18 11:36	1273.017752	Other	NA	Electronic	1.09023	1.09059
AUDNZD	03-09-18	13:30-13:32	1.09261	76381.06513								
AUDNZD	03-09-18	15:30-15:32	1.09166	636.5088761								
AUDNZD	04-09-18	09:32-11:30			1.09498	04-09-18 09:45	6365.088761	Other	NA	Electronic	1.09498	1.09544
AUDNZD	04-09-18	11:32-13:30			1.09606	04-09-18 11:34	19095.26628	Other	NA	Electronic	1.09606	1.09653
AUDNZD	04-09-18	13:32-15:30			1.09561	04-09-18 13:34	636.5088761	Other	NA	Electronic	1.09561	1.09603
AUDNZD	04-09-18	15:32-17:30			1.09676	04-09-18 15:32	636.5088761	Other	NA	Electronic	1.0963	1.09676
AUDNZD	05-09-18	09:32-11:30			1.09284	05-09-18 09:33	1273.017752	Other	NA	Electronic	1.09284	1.09329
AUDNZD	05-09-18	11:32-13:30			1.09288	05-09-18 11:41	1273.017752	Other	NA	Electronic	1.09288	1.09332
AUDNZD	05-09-18	13:32-15:30			1.0928	05-09-18 13:34	636.5088761	Other	NA	Electronic	1.09235	1.0928
AUDNZD	05-09-18	15:32-17:30			1.09233	05-09-18 15:37	15912.7219	Other	NA	Electronic	1.09233	1.0928
AUDNZD	06-09-18	09:32-11:30			1.0913	06-09-18 09:50	6365.088761	Other	NA	Electronic	1.09084	1.0913



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	06-09-18	11:32-13:30			1.09171	06-09-18 11:53	3182.544381	Other	NA	Electronic	1.09125	1.09171
AUDNZD	06-09-18	13:32-15:30			1.0912	06-09-18 13:32	1273.017752	Other	NA	Electronic	1.0912	1.09165
AUDNZD	06-09-18	15:32-17:30			1.09154	06-09-18 15:52	2546.035504	Other	NA	Electronic	1.09107	1.09154
AUDNZD	07-09-18	09:32-11:30			1.08861	07-09-18 09:40	636.5088761	Other	NA	Electronic	1.08815	1.08861
AUDNZD	07-09-18	11:32-13:30			1.08812	07-09-18 11:53	6365.088761	Other	NA	Electronic	1.08812	1.08859
AUDNZD	07-09-18	13:30-13:32	1.08922	636.5088761								
AUDNZD	07-09-18	15:32-17:30			1.08906	07-09-18 16:08	636.5088761	Other	NA	Electronic	1.08906	1.08949
AUDNZD	10-09-18	09:32-11:30			1.08946	10-09-18 09:33	636.5088761	Other	NA	Electronic	1.08946	1.08988
AUDNZD	10-09-18	11:32-13:30			1.08878	10-09-18 12:00	31825.44381	Other	NA	Electronic	1.08878	1.08924
AUDNZD	10-09-18	13:32-15:30			1.08844	10-09-18 13:32	4455.562133	Other	NA	Electronic	1.08847	1.08889
AUDNZD	10-09-18	15:32-17:30			1.08913	10-09-18 16:04	636.5088761	Other	NA	Electronic	1.08866	1.08913
AUDNZD	11-09-18	09:32-11:30			1.08882	11-09-18 09:51	636.5088761	Other	NA	Electronic	1.08882	1.08928
AUDNZD	11-09-18	13:32-15:30			1.08965	11-09-18 13:32	636.5088761	Other	NA	Electronic	1.08965	1.09007
AUDNZD	11-09-18	15:30-15:32	1.09073	1909.526628								
AUDNZD	12-09-18	09:32-11:30			1.09179	12-09-18 09:37	1273.017752	Other	NA	Electronic	1.09134	1.09179

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	12-09-18	11:32-13:30			1.09267	12-09-18 11:34	6365.088761	Other	NA	Electronic	1.09222	1.09267
AUDNZD	12-09-18	13:32-15:30			1.09179	12-09-18 14:04	6365.088761	Other	NA	Electronic	1.09179	1.09224
AUDNZD	12-09-18	15:32-17:30			1.09405	12-09-18 15:34	636.5088761	Other	NA	Electronic	1.09405	1.09451
AUDNZD	13-09-18	09:32-11:30			1.09745	13-09-18 10:31	1273.017752	Other	NA	Electronic	1.09705	1.09745
AUDNZD	13-09-18	11:32-13:30			1.09741	13-09-18 11:51	6365.088761	Other	NA	Electronic	1.09741	1.09781
AUDNZD	13-09-18	13:32-15:30			1.097	13-09-18 13:33	636.5088761	Other	NA	Electronic	1.09653	1.097
AUDNZD	13-09-18	15:32-17:30			1.09579	13-09-18 15:46	1273.017752	Other	NA	Electronic	1.09579	1.09622
AUDNZD	14-09-18	09:32-11:30			1.093	14-09-18 10:47	12730.17752	Other	NA	Electronic	1.093	1.0934
AUDNZD	14-09-18	11:32-13:30			1.09286	14-09-18 11:36	1909.526628	Other	NA	Electronic	1.09286	1.0933
AUDNZD	14-09-18	13:32-15:30			1.093	14-09-18 13:46	1273.017752	Other	NA	Electronic	1.09255	1.093
AUDNZD	14-09-18	15:32-17:30			1.09271	14-09-18 16:05	3182.544381	Other	NA	Electronic	1.09222	1.09272
AUDNZD	17-09-18	09:32-11:30			1.09228	17-09-18 10:11	3182.544381	Other	NA	Electronic	1.09185	1.09228
AUDNZD	17-09-18	11:32-13:30			1.09253	17-09-18 11:45	636.5088761	Other	NA	Electronic	1.0921	1.09253
AUDNZD	17-09-18	13:30-13:32	1.09163	636.5088761								
AUDNZD	17-09-18	15:32-17:30			1.09138	17-09-18 16:01	636.5088761	Other	NA	Electronic	1.09093	1.09138

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	18-09-18	09:32-11:30			1.09324	18-09-18 10:50	1273.017752	Other	NA	Electronic	1.09278	1.09324
AUDNZD	18-09-18	11:32-13:30			1.09211	18-09-18 12:00	1273.017752	Other	NA	Electronic	1.09211	1.0926
AUDNZD	18-09-18	13:32-15:30			1.09373	18-09-18 13:33	1909.526628	Other	NA	Electronic	1.09373	1.09414
AUDNZD	18-09-18	15:32-17:30			1.09488	18-09-18 15:42	3819.053257	Other	NA	Electronic	1.09488	1.09535
AUDNZD	19-09-18	09:32-11:30			1.09711	19-09-18 09:32	636.5088761	Other	NA	Electronic	1.0967	1.09711
AUDNZD	19-09-18	11:30-11:32	1.09763	636.5088761								
AUDNZD	19-09-18	13:32-15:30			1.09894	19-09-18 13:35	6365.088761	Other	NA	Electronic	1.0985	1.09894
AUDNZD	19-09-18	15:32-17:30			1.09838	19-09-18 16:48	636.5088761	Other	NA	Electronic	1.09792	1.09838
AUDNZD	20-09-18	09:32-11:30			1.09147	20-09-18 09:53	6365.088761	Other	NA	Electronic	1.09101	1.09147
AUDNZD	20-09-18	11:32-13:30			1.09123	20-09-18 11:32	636.5088761	Other	NA	Electronic	1.09123	1.09169
AUDNZD	20-09-18	13:32-15:30			1.09133	20-09-18 13:37	3182.544381	Other	NA	Electronic	1.09087	1.09133
AUDNZD	20-09-18	15:32-17:30			1.08986	20-09-18 15:35	636.5088761	Other	NA	Electronic	1.08986	1.09032
AUDNZD	21-09-18	09:30-09:32	1.08866	6365.088761								
AUDNZD	21-09-18	11:32-13:30			1.09022	21-09-18 11:35	636.5088761	Other	NA	Electronic	1.08977	1.09022
AUDNZD	21-09-18	13:32-15:30			1.08928	21-09-18 13:54	1273.017752	Other	NA	Electronic	1.08928	1.08974

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	21-09-18	15:32-17:30			1.09016	21-09-18 15:58	1273.017752	Other	NA	Electronic	1.08974	1.09016
AUDNZD	24-09-18	09:32-11:30			1.09115	24-09-18 09:35	636.5088761	Other	NA	Electronic	1.09115	1.09158
AUDNZD	24-09-18	11:32-13:30			1.09008	24-09-18 11:48	636.5088761	Other	NA	Electronic	1.09008	1.09055
AUDNZD	24-09-18	13:32-15:30			1.09123	24-09-18 13:41	3819.053257	Other	NA	Electronic	1.09078	1.09123
AUDNZD	24-09-18	15:30-15:32	1.09251	4455.562133								
AUDNZD	25-09-18	09:32-11:30			1.08994	25-09-18 09:35	636.5088761	Other	NA	Electronic	1.08994	1.09035
AUDNZD	25-09-18	11:32-13:30			1.08996	25-09-18 12:25	3819.053257	Other	NA	Electronic	1.08996	1.09041
AUDNZD	25-09-18	13:32-15:30			1.08992	25-09-18 13:59	1273.017752	Other	NA	Electronic	1.08992	1.09035
AUDNZD	25-09-18	15:32-17:30			1.09012	25-09-18 15:53	3182.544381	Other	NA	Electronic	1.09017	1.09058
AUDNZD	26-09-18	09:32-11:30			1.09064	26-09-18 10:19	636.5088761	Other	NA	Electronic	1.09021	1.09064
AUDNZD	26-09-18	11:32-13:30			1.09043	26-09-18 12:38	1273.017752	Other	NA	Electronic	1.08996	1.09043
AUDNZD	26-09-18	13:32-15:30			1.09108	26-09-18 13:38	1273.017752	Other	NA	Electronic	1.09061	1.09108
AUDNZD	27-09-18	09:32-11:30			1.0886	27-09-18 10:59	9547.633142	Other	NA	Electronic	1.0886	1.08904
AUDNZD	27-09-18	11:32-13:30			1.08851	27-09-18 11:37	6365.088761	Other	NA	Electronic	1.08851	1.08895
AUDNZD	27-09-18	13:32-15:30			1.08838	27-09-18 14:44	6365.088761	Other	NA	Electronic	1.08838	1.08881

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD	27-09-18	15:32-17:30			1.08932	27-09-18 15:49	636.5088761	Other	NA	Electronic	1.08932	1.08977
AUDNZD	28-09-18	09:32-11:30			1.09162	28-09-18 09:52	1273.017752	Other	NA	Electronic	1.09162	1.09207
AUDNZD	28-09-18	11:32-13:30			1.09095	28-09-18 11:38	636.5088761	Other	NA	Electronic	1.09054	1.09095
AUDNZD	28-09-18	13:32-15:30			1.09282	28-09-18 13:38	38190.53257	Other	NA	Electronic	1.09231	1.09282
AUDNZD	28-09-18	15:32-17:30			1.09083	28-09-18 17:02	636.5088761	Other	NA	Electronic	1.09034	1.09083
AUDNZD.	02-07-18	09:32-11:30			1.09188	02-07-18 10:03	6365.088761	Other	NA	Electronic	1.09175	1.09188
AUDNZD.	02-07-18	11:32-13:30			1.0941	02-07-18 11:38	636.5088761	Other	NA	Electronic	1.09401	1.0941
AUDNZD.	02-07-18	13:32-15:30			1.09411	02-07-18 13:34	636.5088761	Other	NA	Electronic	1.09411	1.09421
AUDNZD.	02-07-18	15:32-17:30			1.09262	02-07-18 15:36	3182.544381	Other	NA	Electronic	1.09262	1.09273
AUDNZD.	03-07-18	11:32-13:30			1.09786	03-07-18 11:32	5728.579885	Other	NA	Electronic	1.09786	1.09795
AUDNZD.	03-07-18	13:32-15:30			1.09688	03-07-18 13:35	636.5088761	Other	NA	Electronic	1.09676	1.09688
AUDNZD.	03-07-18	15:30-15:32	1.09352	13366.6864								
AUDNZD.	04-07-18	09:32-11:30			1.09147	04-07-18 09:33	636.5088761	Other	NA	Electronic	1.09147	1.09158
AUDNZD.	04-07-18	11:32-13:30			1.09275	04-07-18 11:41	63650.88761	Other	NA	Electronic	1.09262	1.09275
AUDNZD.	04-07-18	13:32-15:30			1.09235	04-07-18 13:36	31825.44381	Other	NA	Electronic	1.09223	1.09235

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	04-07-18	15:30-15:32	1.09147	3182.544381								
AUDNZD.	05-07-18	09:32-11:30			1.08912	05-07-18 10:03	636.5088761	Other	NA	Electronic	1.089	1.08912
AUDNZD.	05-07-18	11:32-13:30			1.0906	05-07-18 11:36	6365.088761	Other	NA	Electronic	1.09049	1.0906
AUDNZD.	05-07-18	13:30-13:32	1.09019	1909.526628								
AUDNZD.	05-07-18	15:32-17:30			1.08796	05-07-18 15:39	3182.544381	Other	NA	Electronic	1.08785	1.08796
AUDNZD.	06-07-18	09:32-11:30			1.08733	06-07-18 10:14	636.5088761	Other	NA	Electronic	1.08722	1.08733
AUDNZD.	06-07-18	11:32-13:30			1.08659	06-07-18 11:53	3182.544381	Other	NA	Electronic	1.08648	1.08659
AUDNZD.	06-07-18	15:32-17:30			1.08634	06-07-18 17:22	119663.6687	Other	NA	Electronic	1.08634	1.08644
AUDNZD.	09-07-18	09:32-11:30			1.09257	09-07-18 10:08	1909.526628	Other	NA	Electronic	1.09246	1.09257
AUDNZD.	09-07-18	11:32-13:30			1.09102	09-07-18 11:36	636.5088761	Other	NA	Electronic	1.0909	1.09102
AUDNZD.	09-07-18	13:32-15:30			1.09232	09-07-18 13:37	636.5088761	Other	NA	Electronic	1.09223	1.09232
AUDNZD.	09-07-18	15:32-17:30			1.0922	09-07-18 15:59	2546.035504	Other	NA	Electronic	1.0922	1.0923
AUDNZD.	10-07-18	13:32-15:30			1.09192	10-07-18 14:35	159127.219	Other	NA	Electronic	1.09192	1.09201
AUDNZD.	10-07-18	15:32-17:30			1.09197	10-07-18 15:56	63650.88761	Other	NA	Electronic	1.09186	1.09197
AUDNZD.	11-07-18	09:32-11:30			1.08837	11-07-18 10:14	3182.544381	Other	NA	Electronic	1.08825	1.08837

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	11-07-18	11:32-13:30			1.08983	11-07-18 12:53	636.5088761	Other	NA	Electronic	1.08972	1.08983
AUDNZD.	11-07-18	13:32-15:30			1.08931	11-07-18 13:42	636.5088761	Other	NA	Electronic	1.08931	1.08942
AUDNZD.	11-07-18	15:32-17:30			1.09067	11-07-18 16:08	1273.017752	Other	NA	Electronic	1.09067	1.09077
AUDNZD.	12-07-18	09:32-11:30			1.0915	12-07-18 09:38	1909.526628	Other	NA	Electronic	1.09138	1.0915
AUDNZD.	12-07-18	11:32-13:30			1.09255	12-07-18 11:58	1273.017752	Other	NA	Electronic	1.09244	1.09255
AUDNZD.	12-07-18	13:32-15:30			1.0925	12-07-18 13:40	4455.562133	Other	NA	Electronic	1.09239	1.0925
AUDNZD.	12-07-18	15:32-17:30			1.09398	12-07-18 15:54	3182.544381	Other	NA	Electronic	1.09386	1.09398
AUDNZD.	13-07-18	09:32-11:30			1.095	13-07-18 10:11	6365.088761	Other	NA	Electronic	1.095	1.09511
AUDNZD.	13-07-18	11:32-13:30			1.096	13-07-18 11:42	5728.579885	Other	NA	Electronic	1.096	1.0961
AUDNZD.	13-07-18	13:32-15:30			1.09636	13-07-18 13:55	636.5088761	Other	NA	Electronic	1.09636	1.09647
AUDNZD.	16-07-18	09:32-11:30			1.09658	16-07-18 10:19	6365.088761	Other	NA	Electronic	1.09644	1.09658
AUDNZD.	16-07-18	11:32-13:30			1.09429	16-07-18 12:09	636.5088761	Other	NA	Electronic	1.09419	1.09429
AUDNZD.	16-07-18	13:32-15:30			1.09449	16-07-18 13:41	3182.544381	Other	NA	Electronic	1.09448	1.09459
AUDNZD.	16-07-18	15:32-17:30			1.09543	16-07-18 15:38	636.5088761	Other	NA	Electronic	1.09543	1.09551
AUDNZD.	17-07-18	09:32-11:30			1.08621	17-07-18 10:32	1273.017752	Other	NA	Electronic	1.08612	1.08621

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	17-07-18	11:32-13:30			1.0872	17-07-18 12:52	636.5088761	Other	NA	Electronic	1.08722	1.08734
AUDNZD.	17-07-18	13:32-15:30			1.08809	17-07-18 13:34	1273.017752	Other	NA	Electronic	1.08799	1.08809
AUDNZD.	17-07-18	15:32-17:30			1.08838	17-07-18 15:51	6365.088761	Other	NA	Electronic	1.08838	1.08852
AUDNZD.	18-07-18	09:32-11:30			1.08821	18-07-18 10:02	1909.526628	Other	NA	Electronic	1.08821	1.08832
AUDNZD.	18-07-18	11:32-13:30			1.08682	18-07-18 12:42	3182.544381	Other	NA	Electronic	1.0867	1.08682
AUDNZD.	18-07-18	15:32-17:30			1.0889	18-07-18 15:34	636.5088761	Other	NA	Electronic	1.0889	1.08895
AUDNZD.	19-07-18	13:32-15:30			1.08988	19-07-18 13:58	3182.544381	Other	NA	Electronic	1.08988	1.08999
AUDNZD.	19-07-18	15:32-17:30			1.09139	19-07-18 17:23	636.5088761	Other	NA	Electronic	1.09139	1.09152
AUDNZD.	20-07-18	11:32-13:30			1.09057	20-07-18 12:30	636.5088761	Other	NA	Electronic	1.09057	1.09068
AUDNZD.	23-07-18	09:32-11:30			1.08717	23-07-18 10:03	6365.088761	Other	NA	Electronic	1.08707	1.08717
AUDNZD.	23-07-18	11:30-11:32	1.0877	18458.75741								
AUDNZD.	24-07-18	09:32-11:30			1.0874	24-07-18 09:56	636.5088761	Other	NA	Electronic	1.08986	1.08995
AUDNZD.	24-07-18	11:32-13:30			1.08797	24-07-18 11:39	1273.017752	Other	NA	Electronic	1.08797	1.08808
AUDNZD.	24-07-18	13:32-15:30			1.08933	24-07-18 13:35	63650.88761	Other	NA	Electronic	1.08936	1.08943
AUDNZD.	24-07-18	15:32-17:30			1.09051	24-07-18 16:03	636.5088761	Other	NA	Electronic	1.09051	1.09061



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	25-07-18	09:30-09:32	1.0889	636.5088761								
AUDNZD.	25-07-18	11:32-13:30			1.08899	25-07-18 12:00	636.5088761	Other	NA	Electronic	1.08899	1.0891
AUDNZD.	25-07-18	13:32-15:30			1.08864	25-07-18 13:59	636.5088761	Other	NA	Electronic	1.08864	1.08872
AUDNZD.	25-07-18	15:32-17:30			1.08838	25-07-18 17:07	636.5088761	Other	NA	Electronic	1.08838	1.0885
AUDNZD.	26-07-18	09:32-11:30			1.08887	26-07-18 10:24	6365.088761	Other	NA	Electronic	1.08887	1.08898
AUDNZD.	26-07-18	11:32-13:30			1.08862	26-07-18 11:42	1909.526628	Other	NA	Electronic	1.08862	1.08871
AUDNZD.	26-07-18	13:30-13:32	1.08796	636.5088761								
AUDNZD.	26-07-18	15:32-17:30			1.0875	26-07-18 17:01	636.5088761	Other	NA	Electronic	1.08738	1.0875
AUDNZD.	27-07-18	09:32-11:30			1.08975	27-07-18 10:11	2546.035504	Other	NA	Electronic	1.08964	1.08975
AUDNZD.	27-07-18	11:32-13:30			1.08977	27-07-18 13:03	636.5088761	Other	NA	Electronic	1.08977	1.08987
AUDNZD.	27-07-18	13:32-15:30			1.0901	27-07-18 13:33	159127.219	Other	NA	Electronic	1.08999	1.0901
AUDNZD.	30-07-18	09:32-11:30			1.087	30-07-18 09:36	3182.544381	Other	NA	Electronic	1.087	1.08712
AUDNZD.	30-07-18	11:32-13:30			1.086	30-07-18 12:33	1273.017752	Other	NA	Electronic	1.086	1.0861
AUDNZD.	30-07-18	13:32-15:30			1.08548	30-07-18 13:55	636.5088761	Other	NA	Electronic	1.08549	1.0856
AUDNZD.	30-07-18	15:32-17:30			1.08469	30-07-18 16:08	6365.088761	Other	NA	Electronic	1.08469	1.0848

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	31-07-18	09:32-11:30			1.08845	31-07-18 09:40	2546.035504	Other	NA	Electronic	1.08845	1.08856
AUDNZD.	31-07-18	11:32-13:30			1.08937	31-07-18 11:44	1273.017752	Other	NA	Electronic	1.08937	1.08949
AUDNZD.	31-07-18	13:32-15:30			1.09044	31-07-18 13:34	1909.526628	Other	NA	Electronic	1.09044	1.09053
AUDNZD.	31-07-18	15:32-17:30			1.09189	31-07-18 15:36	636.5088761	Other	NA	Electronic	1.09189	1.09197
AUDNZD.	01-08-18	09:32-11:30			1.09008	01-08-18 10:07	13366.6864	Other	NA	Electronic	1.08998	1.09008
AUDNZD.	01-08-18	11:30-11:32	1.08978	636.5088761								
AUDNZD.	01-08-18	15:32-17:30			1.08945	01-08-18 15:38	9547.633142	Other	NA	Electronic	1.08936	1.08945
AUDNZD.	02-08-18	11:32-13:30			1.09041	02-08-18 12:20	2546.035504	Other	NA	Electronic	1.09041	1.09048
AUDNZD.	02-08-18	13:32-15:30			1.09215	02-08-18 14:25	159127.219	Other	NA	Electronic	1.09215	1.09224
AUDNZD.	02-08-18	15:30-15:32	1.09233	95476.33142								
AUDNZD.	03-08-18	11:32-13:30			1.09448	03-08-18 11:40	3182.544381	Other	NA	Electronic	1.09448	1.09465
AUDNZD.	03-08-18	13:32-15:30			1.096	03-08-18 13:35	19095.26628	Other	NA	Electronic	1.09587	1.09596
AUDNZD.	03-08-18	15:32-17:30			1.0961	03-08-18 16:18	636.5088761	Other	NA	Electronic	1.09598	1.0961
AUDNZD.	06-08-18	09:32-11:30			1.09704	06-08-18 10:13	3182.544381	Other	NA	Electronic	1.09704	1.09709
AUDNZD.	06-08-18	11:32-13:30			1.09758	06-08-18 11:33	636.5088761	Other	NA	Electronic	1.09745	1.09758

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZD.	06-08-18	13:32-15:30			1.09682	06-08-18 13:34	34371.47931	Other	NA	Electronic	1.09673	1.09682
AUDNZD.	06-08-18	15:32-17:30			1.09767	06-08-18 16:21	636.5088761	Other	NA	Electronic	1.09754	1.09767
AUDNZD.	07-08-18	09:32-11:30			1.10134	07-08-18 09:43	15912.7219	Other	NA	Electronic	1.10134	1.10143
AUDNZD.	07-08-18	11:32-13:30			1.10194	07-08-18 12:06	6365.088761	Other	NA	Electronic	1.10184	1.10194
AUDNZD.	07-08-18	15:32-17:30			1.10204	07-08-18 16:17	1273.017752	Other	NA	Electronic	1.10204	1.10213
AUDNZD.	08-08-18	09:32-11:30			1.09979	08-08-18 10:08	1273.017752	Other	NA	Electronic	1.09979	1.0999
AUDNZD.	08-08-18	11:32-13:30			1.09891	08-08-18 12:26	636.5088761	Other	NA	Electronic	1.09891	1.099
AUDNZD.	08-08-18	13:32-15:30			1.09862	08-08-18 13:33	1273.017752	Other	NA	Electronic	1.09852	1.09862
AUDNZD.	08-08-18	15:32-17:30			1.10036	08-08-18 15:56	1273.017752	Other	NA	Electronic	1.10036	1.10043
AUDNZD.	09-08-18	09:32-11:30			1.11568	09-08-18 10:26	1909.526628	Other	NA	Electronic	1.11568	1.11577
AUDNZD.	09-08-18	11:32-13:30			1.1153	09-08-18 11:39	6365.088761	Other	NA	Electronic	1.1153	1.11541
AUDNZD.	09-08-18	13:32-15:30			1.11674	09-08-18 14:17	3819.053257	Other	NA	Electronic	1.11665	1.11674
AUDNZD.	10-08-18	09:32-11:30			1.1092	10-08-18 09:36	1273.017752	Other	NA	Electronic	1.1091	1.1092
AUDNZD.	10-08-18	11:32-13:30			1.10796	10-08-18 11:33	2546.035504	Other	NA	Electronic	1.10785	1.10796
AUDNZD.	10-08-18	13:30-13:32	1.10557	3182.544381								

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AUDNZD.	10-08-18	15:32-17:30			1.10568	10-08-18 15:40	1273.017752	Other	NA	Electronic	1.10557	1.10568
AUDNZD.	13-08-18	09:32-11:30			1.10575	13-08-18 09:38	2546.035504	Other	NA	Electronic	1.10565	1.10575
AUDNZD.	13-08-18	11:32-13:30			1.10591	13-08-18 11:33	3182.544381	Other	NA	Electronic	1.10578	1.10591
AUDNZD.	13-08-18	13:32-15:30			1.10599	13-08-18 13:41	636.5088761	Other	NA	Electronic	1.10587	1.10599
AUDNZD.	13-08-18	15:32-17:30			1.10473	13-08-18 15:40	51557.21897	Other	NA	Electronic	1.10462	1.10473
AUDNZD.	14-08-18	09:32-11:30			1.1007	14-08-18 10:03	1909.526628	Other	NA	Electronic	1.1007	1.10075
AUDNZD.	14-08-18	11:32-13:30			1.10055	14-08-18 11:45	636.5088761	Other	NA	Electronic	1.10055	1.10064
AUDNZD.	14-08-18	13:32-15:30			1.0996	14-08-18 14:52	1909.526628	Other	NA	Electronic	1.0996	1.09968
AUDNZD.	14-08-18	15:32-17:30			1.09922	14-08-18 15:37	1273.017752	Other	NA	Electronic	1.09909	1.09922
AUDNZD.	15-08-18	09:32-11:30			1.10244	15-08-18 10:26	1273.017752	Other	NA	Electronic	1.10234	1.10244
AUDNZD.	15-08-18	11:32-13:30			1.10167	15-08-18 13:19	3182.544381	Other	NA	Electronic	1.10154	1.10167
AUDNZD.	15-08-18	13:32-15:30			1.10169	15-08-18 13:45	6365.088761	Other	NA	Electronic	1.10158	1.10169
AUDNZD.	15-08-18	15:32-17:30			1.10324	15-08-18 17:00	1273.017752	Other	NA	Electronic	1.10324	1.10337
AUDNZD.	16-08-18	09:32-11:30			1.10426	16-08-18 10:07	1273.017752	Other	NA	Electronic	1.10416	1.10426
AUDNZD.	16-08-18	11:32-13:30			1.10221	16-08-18 13:25	636.5088761	Other	NA	Electronic	1.10212	1.10221

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AUDNZD.	16-08-18	13:30-13:32	1.10206	636.5088761								
AUDNZD.	16-08-18	15:32-17:30			1.10276	16-08-18 16:15	636.5088761	Other	NA	Electronic	1.10276	1.10285
AUDNZD.	17-08-18	09:30-09:32	1.10163	1273.017752								
AUDNZD.	17-08-18	11:32-13:30			1.10077	17-08-18 11:55	636.5088761	Other	NA	Electronic	1.10077	1.10087
AUDNZD.	17-08-18	13:32-15:30			1.10235	17-08-18 13:45	636.5088761	Other	NA	Electronic	1.10224	1.10235
AUDNZD.	17-08-18	15:32-17:30			1.1019	17-08-18 16:38	636.5088761	Other	NA	Electronic	1.1019	1.10202
AUDNZD.	20-08-18	09:32-11:30			1.10367	20-08-18 10:28	636.5088761	Other	NA	Electronic	1.10367	1.10377
AUDNZD.	20-08-18	11:32-13:30			1.10398	20-08-18 11:51	636.5088761	Other	NA	Electronic	1.10389	1.10398
AUDNZD.	20-08-18	15:32-17:30			1.10457	20-08-18 16:40	636.5088761	Other	NA	Electronic	1.10441	1.10457
AUDNZD.	21-08-18	09:32-11:30			1.10335	21-08-18 09:35	636.5088761	Other	NA	Electronic	1.10335	1.10345
AUDNZD.	21-08-18	11:32-13:30			1.10267	21-08-18 12:55	1273.017752	Other	NA	Electronic	1.10256	1.10267
AUDNZD.	21-08-18	13:30-13:32	1.10205	636.5088761								
AUDNZD.	21-08-18	15:32-17:30			1.10138	21-08-18 15:49	636.5088761	Other	NA	Electronic	1.10138	1.10143
AUDNZD.	22-08-18	09:32-11:30			1.09797	22-08-18 11:12	636.5088761	Other	NA	Electronic	1.09785	1.09797
AUDNZD.	22-08-18	11:32-13:30			1.09782	22-08-18 12:08	2546.035504	Other	NA	Electronic	1.09773	1.09782

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AUDNZD.	22-08-18	15:32-17:30			1.09711	22-08-18 17:07	1909.526628	Other	NA	Electronic	1.09711	1.09723
AUDNZD.	23-08-18	09:32-11:30			1.09318	23-08-18 10:12	636.5088761	Other	NA	Electronic	1.0931	1.09318
AUDNZD.	23-08-18	11:32-13:30			1.09166	23-08-18 12:52	636.5088761	Other	NA	Electronic	1.09154	1.09166
AUDNZD.	23-08-18	13:32-15:30			1.09106	23-08-18 13:44	636.5088761	Other	NA	Electronic	1.09094	1.09106
AUDNZD.	23-08-18	15:32-17:30			1.09197	23-08-18 16:01	636.5088761	Other	NA	Electronic	1.09186	1.09197
AUDNZD.	24-08-18	09:32-11:30			1.09496	24-08-18 09:39	2546.035504	Other	NA	Electronic	1.09496	1.09506
AUDNZD.	24-08-18	11:32-13:30			1.0957	24-08-18 11:47	4455.562133	Other	NA	Electronic	1.09558	1.0957
AUDNZD.	24-08-18	13:32-15:30			1.09718	24-08-18 13:56	636.5088761	Other	NA	Electronic	1.09706	1.09718
AUDNZD.	27-08-18	09:32-11:30			1.09586	27-08-18 09:44	2546.035504	Other	NA	Electronic	1.09575	1.09586
AUDNZD.	27-08-18	11:32-13:30			1.09633	27-08-18 12:58	6365.088761	Other	NA	Electronic	1.09633	1.09644
AUDNZD.	27-08-18	13:30-13:32	1.09666	636.5088761								
AUDNZD.	27-08-18	15:30-15:32	1.09719	4455.562133								
AUDNZD.	28-08-18	09:30-09:32	1.09586	1273.017752								
AUDNZD.	28-08-18	13:32-15:30			1.09484	28-08-18 14:24	64287.39649	Other	NA	Electronic	1.09484	1.09493
AUDNZD.	28-08-18	15:32-17:30			1.09459	28-08-18 15:39	64287.39649	Other	NA	Electronic	1.09447	1.09459

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AUDNZD.	29-08-18	09:32-11:30			1.08959	29-08-18 11:11	6365.088761	Other	NA	Electronic	1.08947	1.08959
AUDNZD.	29-08-18	11:32-13:30			1.08942	29-08-18 13:07	1273.017752	Other	NA	Electronic	1.08932	1.08942
AUDNZD.	30-08-18	09:32-11:30			1.09407	30-08-18 10:01	1273.017752	Other	NA	Electronic	1.09407	1.09416
AUDNZD.	30-08-18	11:32-13:30			1.09453	30-08-18 12:38	636.5088761	Other	NA	Electronic	1.09453	1.09464
AUDNZD.	30-08-18	13:32-15:30			1.09516	30-08-18 13:33	5728.579885	Other	NA	Electronic	1.09516	1.0953
AUDNZD.	30-08-18	15:32-17:30			1.09382	30-08-18 16:29	636.5088761	Other	NA	Electronic	1.0937	1.09382
AUDNZD.	31-08-18	09:32-11:30			1.08906	31-08-18 11:16	1273.017752	Other	NA	Electronic	1.08906	1.08915
AUDNZD.	31-08-18	11:32-13:30			1.08864	31-08-18 12:42	1273.017752	Other	NA	Electronic	1.08858	1.08864
AUDNZD.	31-08-18	13:32-15:30			1.08963	31-08-18 14:44	31825.44381	Other	NA	Electronic	1.08963	1.08973
AUDNZD.	31-08-18	15:32-17:30			1.08836	31-08-18 15:39	63650.88761	Other	NA	Electronic	1.08823	1.08836
AUDNZD.	03-09-18	09:32-11:30			1.0904	03-09-18 10:48	318254.4381	Other	NA	Electronic	1.0904	1.09053
AUDNZD.	03-09-18	11:32-13:30			1.09042	03-09-18 11:42	636.5088761	Other	NA	Electronic	1.09042	1.09051
AUDNZD.	03-09-18	13:32-15:30			1.09274	03-09-18 13:46	636.5088761	Other	NA	Electronic	1.09274	1.09284
AUDNZD.	03-09-18	15:32-17:30			1.09195	03-09-18 16:00	636.5088761	Other	NA	Electronic	1.09181	1.09195
AUDNZD.	04-09-18	09:32-11:30			1.09625	04-09-18 10:15	636.5088761	Other	NA	Electronic	1.09625	1.09633

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AUDNZD.	04-09-18	11:32-13:30			1.09679	04-09-18 12:14	636.5088761	Other	NA	Electronic	1.09667	1.09679
AUDNZD.	04-09-18	15:32-17:30			1.09578	04-09-18 16:59	636.5088761	Other	NA	Electronic	1.09563	1.09578
AUDNZD.	05-09-18	09:32-11:30			1.09312	05-09-18 10:06	1909.526628	Other	NA	Electronic	1.09312	1.09323
AUDNZD.	05-09-18	11:32-13:30			1.09325	05-09-18 11:44	1909.526628	Other	NA	Electronic	1.09314	1.09325
AUDNZD.	05-09-18	13:32-15:30			1.09176	05-09-18 14:31	636.5088761	Other	NA	Electronic	1.09176	1.09189
AUDNZD.	06-09-18	11:32-13:30			1.09065	06-09-18 12:29	1273.017752	Other	NA	Electronic	1.09065	1.09089
AUDNZD.	06-09-18	13:32-15:30			1.09099	06-09-18 14:51	636.5088761	Other	NA	Electronic	1.09099	1.09113
AUDNZD.	07-09-18	09:32-11:30			1.08864	07-09-18 10:32	1273.017752	Other	NA	Electronic	1.08864	1.08875
AUDNZD.	07-09-18	11:32-13:30			1.08819	07-09-18 12:14	636.5088761	Other	NA	Electronic	1.08819	1.0883
AUDNZD.	07-09-18	13:32-15:30			1.08915	07-09-18 13:37	12730.17752	Other	NA	Electronic	1.08915	1.08923
AUDNZD.	07-09-18	15:32-17:30			1.08761	07-09-18 16:14	3182.544381	Other	NA	Electronic	1.08761	1.08772
AUDNZD.	10-09-18	09:32-11:30			1.08921	10-09-18 10:17	19095.26628	Other	NA	Electronic	1.08912	1.08921
AUDNZD.	10-09-18	11:32-13:30			1.08939	10-09-18 11:48	1273.017752	Other	NA	Electronic	1.08939	1.08948
AUDNZD.	11-09-18	09:32-11:30			1.0892	11-09-18 09:54	1273.017752	Other	NA	Electronic	1.08909	1.0892
AUDNZD.	11-09-18	11:32-13:30			1.0899	11-09-18 12:20	1909.526628	Other	NA	Electronic	1.0899	1.09001



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AUDNZD.	11-09-18	13:32-15:30			1.08984	11-09-18 14:42	636.5088761	Other	NA	Electronic	1.08983	1.08993
AUDNZD.	11-09-18	15:32-17:30			1.09081	11-09-18 15:52	3182.544381	Other	NA	Electronic	1.09081	1.09094
AUDNZD.	12-09-18	13:32-15:30			1.09158	12-09-18 14:43	3182.544381	Other	NA	Electronic	1.09158	1.09169
AUDNZD.	12-09-18	15:32-17:30			1.09387	12-09-18 15:36	3182.544381	Other	NA	Electronic	1.09387	1.09399
AUDNZD.	13-09-18	09:32-11:30			1.09724	13-09-18 10:32	31825.44381	Other	NA	Electronic	1.09724	1.0973
AUDNZD.	13-09-18	11:32-13:30			1.09731	13-09-18 12:00	636.5088761	Other	NA	Electronic	1.09731	1.09744
AUDNZD.	13-09-18	13:32-15:30			1.09627	13-09-18 15:21	636.5088761	Other	NA	Electronic	1.09616	1.09627
AUDNZD.	13-09-18	15:32-17:30			1.09613	13-09-18 16:49	3819.053257	Other	NA	Electronic	1.09603	1.09613
AUDNZD.	14-09-18	11:32-13:30			1.09301	14-09-18 11:35	636.5088761	Other	NA	Electronic	1.09292	1.09301
AUDNZD.	14-09-18	13:32-15:30			1.09389	14-09-18 14:57	1273.017752	Other	NA	Electronic	1.0938	1.09389
AUDNZD.	14-09-18	15:32-17:30			1.09238	14-09-18 16:22	3182.544381	Other	NA	Electronic	1.09226	1.09238
AUDNZD.	17-09-18	11:32-13:30			1.09114	17-09-18 12:40	3182.544381	Other	NA	Electronic	1.09114	1.0912
AUDNZD.	17-09-18	13:32-15:30			1.09189	17-09-18 13:58	3182.544381	Other	NA	Electronic	1.09179	1.09189
AUDNZD.	18-09-18	09:32-11:30			1.09215	18-09-18 10:15	636.5088761	Other	NA	Electronic	1.09204	1.09215
AUDNZD.	18-09-18	13:32-15:30			1.0942	18-09-18 13:35	636.5088761	Other	NA	Electronic	1.09403	1.0942

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AUDNZD.	18-09-18	15:32-17:30			1.0954	18-09-18 16:08	636.5088761	Other	NA	Electronic	1.0954	1.09552
AUDNZD.	19-09-18	09:32-11:30			1.09681	19-09-18 10:13	636.5088761	Other	NA	Electronic	1.09681	1.0969
AUDNZD.	19-09-18	11:30-11:32	1.09756	636.5088761								
AUDNZD.	19-09-18	13:32-15:30			1.09906	19-09-18 14:50	636.5088761	Other	NA	Electronic	1.09893	1.09906
AUDNZD.	19-09-18	15:32-17:30			1.09864	19-09-18 15:39	1273.017752	Other	NA	Electronic	1.09864	1.09873
AUDNZD.	20-09-18	11:32-13:30			1.09122	20-09-18 11:35	7001.597637	Other	NA	Electronic	1.09109	1.09122
AUDNZD.	20-09-18	15:32-17:30			1.08956	20-09-18 15:38	636.5088761	Other	NA	Electronic	1.08956	1.08971
AUDNZD.	21-09-18	09:32-11:30			1.08964	21-09-18 11:20	3182.544381	Other	NA	Electronic	1.08964	1.08974
AUDNZD.	26-09-18	09:32-11:30			1.09037	26-09-18 10:16	636.5088761	Other	NA	Electronic	1.09028	1.09037
AUDNZD.	26-09-18	11:32-13:30			1.09058	26-09-18 11:36	3182.544381	Other	NA	Electronic	1.0905	1.09058
AUDNZD.	26-09-18	15:32-17:30			1.09084	26-09-18 16:05	3182.544381	Other	NA	Electronic	1.09073	1.09084
AUDNZD.	27-09-18	09:32-11:30			1.08873	27-09-18 10:19	1273.017752	Other	NA	Electronic	1.08873	1.08887
AUDNZD.	27-09-18	11:32-13:30			1.08884	27-09-18 11:57	1909.526628	Other	NA	Electronic	1.08874	1.08884
AUDNZD.	28-09-18	11:32-13:30			1.09137	28-09-18 12:41	2546.035504	Other	NA	Electronic	1.09137	1.09148
AUDNZDmicro	02-07-18	09:32-11:30			1.09257	02-07-18 09:32	12.73017752	Other	NA	Electronic	1.09213	1.09257

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	02-07-18	11:30-11:32	1.09395	2189.590534								
AUDNZDmicro	02-07-18	13:30-13:32	1.09433	636.5088761								
AUDNZDmicro	02-07-18	15:32-17:30			1.09242	02-07-18 15:36	6365.088761	Other	NA	Electronic	1.09242	1.09288
AUDNZDmicro	03-07-18	09:30-09:32	1.09735	350.0798819								
AUDNZDmicro	03-07-18	11:30-11:32	1.09809	31.82544381								
AUDNZDmicro	03-07-18	13:30-13:32	1.09634	254.6035504								
AUDNZDmicro	03-07-18	15:32-17:30			1.09373	03-07-18 15:34	70.01597637	Other	NA	Electronic	1.09328	1.09373
AUDNZDmicro	04-07-18	09:32-11:30			1.09165	04-07-18 09:34	401.000592	Other	NA	Electronic	1.09121	1.09165
AUDNZDmicro	04-07-18	11:30-11:32	1.09225	636.5088761								
AUDNZDmicro	04-07-18	13:32-15:30			1.09213	04-07-18 13:42	3188.909469	Other	NA	Electronic	1.09213	1.09262
AUDNZDmicro	04-07-18	15:32-17:30			1.09108	04-07-18 15:41	63.65088761	Other	NA	Electronic	1.09108	1.09156
AUDNZDmicro	05-07-18	09:30-09:32	1.08853	190.9526628								
AUDNZDmicro	05-07-18	11:32-13:30			1.0906	05-07-18 11:37	6.365088761	Other	NA	Electronic	1.09018	1.0906
AUDNZDmicro	05-07-18	13:32-15:30			1.08919	05-07-18 13:43	114.5715977	Other	NA	Electronic	1.08919	1.08964
AUDNZDmicro	05-07-18	15:30-15:32	1.0879	12.73017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	06-07-18	09:32-11:30			1.08781	06-07-18 09:34	140.0319527	Other	NA	Electronic	1.0874	1.08781
AUDNZDmicro	06-07-18	11:30-11:32	1.08691	636.5088761								
AUDNZDmicro	06-07-18	13:32-15:30			1.08749	06-07-18 13:41	636.5088761	Other	NA	Electronic	1.08704	1.08749
AUDNZDmicro	06-07-18	15:30-15:32	1.08645	6.365088761								
AUDNZDmicro	09-07-18	09:32-11:30			1.09273	09-07-18 09:33	127.3017752	Other	NA	Electronic	1.09273	1.09317
AUDNZDmicro	09-07-18	11:30-11:32	1.09123	28642.89943								
AUDNZDmicro	09-07-18	13:32-15:30			1.0916	09-07-18 13:33	375.5402369	Other	NA	Electronic	1.0916	1.09204
AUDNZDmicro	09-07-18	15:30-15:32	1.09229	305.5242605								
AUDNZDmicro	10-07-18	09:30-09:32	1.09187	190.9526628								
AUDNZDmicro	10-07-18	11:32-13:30			1.09177	10-07-18 11:38	636.5088761	Other	NA	Electronic	1.09181	1.09223
AUDNZDmicro	10-07-18	13:30-13:32	1.09235	6.365088761								
AUDNZDmicro	10-07-18	15:30-15:32	1.09202	12.73017752								
AUDNZDmicro	11-07-18	09:32-11:30			1.08805	11-07-18 09:40	1273.017752	Other	NA	Electronic	1.08759	1.08805
AUDNZDmicro	11-07-18	11:32-13:30			1.08831	11-07-18 11:55	63.65088761	Other	NA	Electronic	1.08831	1.08876
AUDNZDmicro	11-07-18	13:32-15:30			1.08948	11-07-18 13:34	1909.526628	Other	NA	Electronic	1.08948	1.08994

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	11-07-18	15:32-17:30			1.09017	11-07-18 15:32	190.9526628	Other	NA	Electronic	1.08971	1.09017
AUDNZDmicro	12-07-18	09:32-11:30			1.09156	12-07-18 09:40	19095.26628	Other	NA	Electronic	1.09119	1.09156
AUDNZDmicro	12-07-18	11:32-13:30			1.092	12-07-18 11:36	6.365088761	Other	NA	Electronic	1.092	1.09245
AUDNZDmicro	12-07-18	13:32-15:30			1.09202	12-07-18 13:33	19.09526628	Other	NA	Electronic	1.09202	1.09245
AUDNZDmicro	12-07-18	15:32-17:30			1.09412	12-07-18 15:37	3182.544381	Other	NA	Electronic	1.09366	1.09412
AUDNZDmicro	13-07-18	09:32-11:30			1.0948	13-07-18 09:39	19095.26628	Other	NA	Electronic	1.0948	1.09525
AUDNZDmicro	13-07-18	11:30-11:32	1.0961	63.65088761								
AUDNZDmicro	13-07-18	13:32-15:30			1.09688	13-07-18 13:33	636.5088761	Other	NA	Electronic	1.09643	1.09688
AUDNZDmicro	13-07-18	15:32-17:30			1.09636	13-07-18 15:32	19.09526628	Other	NA	Electronic	1.09636	1.09683
AUDNZDmicro	16-07-18	09:32-11:30			1.0969	16-07-18 09:36	6371.45385	Other	NA	Electronic	1.09646	1.0969
AUDNZDmicro	16-07-18	11:32-13:30			1.09517	16-07-18 11:39	636.5088761	Other	NA	Electronic	1.09517	1.09559
AUDNZDmicro	16-07-18	13:30-13:32	1.09449	6.365088761								
AUDNZDmicro	16-07-18	15:30-15:32	1.09557	6.365088761								
AUDNZDmicro	17-07-18	09:32-11:30			1.08712	17-07-18 09:32	63.65088761	Other	NA	Electronic	1.08667	1.08712
AUDNZDmicro	17-07-18	11:30-11:32	1.08724	152.7621303								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	17-07-18	13:30-13:32	1.08806	381.9053257								
AUDNZDmicro	17-07-18	15:32-17:30			1.08775	17-07-18 15:37	636.5088761	Other	NA	Electronic	1.08775	1.0882
AUDNZDmicro	18-07-18	09:32-11:30			1.08817	18-07-18 09:51	63.65088761	Other	NA	Electronic	1.08817	1.08862
AUDNZDmicro	18-07-18	11:30-11:32	1.08741	6.365088761								
AUDNZDmicro	18-07-18	13:32-15:30			1.08639	18-07-18 13:35	636.5088761	Other	NA	Electronic	1.08639	1.08683
AUDNZDmicro	18-07-18	15:32-17:30			1.08868	18-07-18 15:32	127.3017752	Other	NA	Electronic	1.08821	1.08868
AUDNZDmicro	19-07-18	09:32-11:30			1.09148	19-07-18 09:38	63.65088761	Other	NA	Electronic	1.09183	1.09231
AUDNZDmicro	19-07-18	11:30-11:32	1.09116	63.65088761								
AUDNZDmicro	19-07-18	13:32-15:30			1.09111	19-07-18 13:32	6.365088761	Other	NA	Electronic	1.09066	1.09111
AUDNZDmicro	19-07-18	15:32-17:30			1.09156	19-07-18 15:38	636.5088761	Other	NA	Electronic	1.09113	1.09159
AUDNZDmicro	20-07-18	09:32-11:30			1.08967	20-07-18 09:34	31.82544381	Other	NA	Electronic	1.08967	1.09012
AUDNZDmicro	20-07-18	11:32-13:30			1.09076	20-07-18 11:52	381.9053257	Other	NA	Electronic	1.09032	1.09076
AUDNZDmicro	20-07-18	13:32-15:30			1.09024	20-07-18 13:36	6.365088761	Other	NA	Electronic	1.09024	1.09071
AUDNZDmicro	20-07-18	15:32-17:30			1.08962	20-07-18 15:33	534.6674559	Other	NA	Electronic	1.08918	1.08962
AUDNZDmicro	23-07-18	09:32-11:30			1.08706	23-07-18 09:32	12.73017752	Other	NA	Electronic	1.08706	1.08752

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	23-07-18	11:32-13:30			1.08727	23-07-18 11:32	108.2065089	Other	NA	Electronic	1.08727	1.08771
AUDNZDmicro	23-07-18	13:30-13:32	1.08725	655.6041424								
AUDNZDmicro	23-07-18	15:32-17:30			1.08836	23-07-18 15:36	159.127219	Other	NA	Electronic	1.08791	1.08836
AUDNZDmicro	24-07-18	09:32-11:30			1.08777	24-07-18 09:42	63.65088761	Other	NA	Electronic	1.08732	1.08777
AUDNZDmicro	24-07-18	11:32-13:30			1.08778	24-07-18 11:41	63.65088761	Other	NA	Electronic	1.08778	1.08822
AUDNZDmicro	24-07-18	13:30-13:32	1.0891	642.8739649								
AUDNZDmicro	24-07-18	15:32-17:30			1.09006	24-07-18 15:35	127.3017752	Other	NA	Electronic	1.09006	1.09052
AUDNZDmicro	25-07-18	09:32-11:30			1.08898	25-07-18 09:35	636.5088761	Other	NA	Electronic	1.0885	1.08898
AUDNZDmicro	25-07-18	11:32-13:30			1.08854	25-07-18 11:32	636.5088761	Other	NA	Electronic	1.0881	1.08854
AUDNZDmicro	25-07-18	13:32-15:30			1.089	25-07-18 13:57	63.65088761	Other	NA	Electronic	1.08855	1.089
AUDNZDmicro	25-07-18	15:30-15:32	1.08855	318.2544381								
AUDNZDmicro	26-07-18	09:30-09:32	1.08829	178.2224853								
AUDNZDmicro	26-07-18	11:32-13:30			1.08888	26-07-18 11:39	63.65088761	Other	NA	Electronic	1.08842	1.08888
AUDNZDmicro	26-07-18	13:32-15:30			1.08742	26-07-18 13:44	19.09526628	Other	NA	Electronic	1.08701	1.08742
AUDNZDmicro	26-07-18	15:32-17:30			1.08767	26-07-18 15:48	1273.017752	Other	NA	Electronic	1.08722	1.08767

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	27-07-18	09:30-09:32	1.08963	954.7633142								
AUDNZDmicro	27-07-18	11:32-13:30			1.08962	27-07-18 11:42	1909.526628	Other	NA	Electronic	1.08962	1.09008
AUDNZDmicro	27-07-18	13:32-15:30			1.08991	27-07-18 13:36	63.65088761	Other	NA	Electronic	1.08991	1.09035
AUDNZDmicro	27-07-18	15:32-17:30			1.0896	27-07-18 15:53	63.65088761	Other	NA	Electronic	1.0896	1.09006
AUDNZDmicro	30-07-18	09:30-09:32	1.08743	190.9526628								
AUDNZDmicro	30-07-18	11:32-13:30			1.08712	30-07-18 11:42	63.65088761	Other	NA	Electronic	1.08667	1.08712
AUDNZDmicro	30-07-18	13:30-13:32	1.08621	127.3017752								
AUDNZDmicro	30-07-18	15:30-15:32	1.08436	636.5088761								
AUDNZDmicro	31-07-18	09:32-11:30			1.08813	31-07-18 09:58	6.365088761	Other	NA	Electronic	1.08813	1.08859
AUDNZDmicro	31-07-18	11:32-13:30			1.08911	31-07-18 11:34	12.73017752	Other	NA	Electronic	1.08911	1.08956
AUDNZDmicro	31-07-18	13:32-15:30			1.09074	31-07-18 13:40	458.2863908	Other	NA	Electronic	1.09073	1.09117
AUDNZDmicro	31-07-18	15:30-15:32	1.0915	1909.526628								
AUDNZDmicro	01-08-18	09:30-09:32	1.08962	127.3017752								
AUDNZDmicro	01-08-18	11:32-13:30			1.08961	01-08-18 11:45	1273.017752	Other	NA	Electronic	1.08961	1.09006
AUDNZDmicro	01-08-18	13:30-13:32	1.08902	127.3017752								



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AUDNZDmicro	01-08-18	15:30-15:32	1.08938	381.9053257								
AUDNZDmicro	02-08-18	09:32-11:30			1.08923	02-08-18 09:50	2717.892901	Other	NA	Electronic	1.08923	1.08969
AUDNZDmicro	02-08-18	11:32-13:30			1.09023	02-08-18 12:11	6.365088761	Other	NA	Electronic	1.08978	1.09023
AUDNZDmicro	02-08-18	13:32-15:30			1.09049	02-08-18 13:33	190.9526628	Other	NA	Electronic	1.09051	1.09091
AUDNZDmicro	02-08-18	15:30-15:32	1.09243	95.47633142								
AUDNZDmicro	03-08-18	09:32-11:30			1.09331	03-08-18 09:45	6.365088761	Other	NA	Electronic	1.09331	1.09375
AUDNZDmicro	03-08-18	11:32-13:30			1.09521	03-08-18 11:33	63.65088761	Other	NA	Electronic	1.09482	1.09521
AUDNZDmicro	03-08-18	13:32-15:30			1.09559	03-08-18 13:32	19.09526628	Other	NA	Electronic	1.09559	1.09603
AUDNZDmicro	03-08-18	15:32-17:30			1.09617	03-08-18 15:33	254.6035504	Other	NA	Electronic	1.09617	1.09662
AUDNZDmicro	06-08-18	09:32-11:30			1.09712	06-08-18 09:37	6.365088761	Other	NA	Electronic	1.09712	1.09758
AUDNZDmicro	06-08-18	11:32-13:30			1.0972	06-08-18 11:40	127.3017752	Other	NA	Electronic	1.0972	1.09767
AUDNZDmicro	06-08-18	13:30-13:32	1.09713	636.5088761								
AUDNZDmicro	06-08-18	15:32-17:30			1.09734	06-08-18 15:41	127.3017752	Other	NA	Electronic	1.09734	1.09776
AUDNZDmicro	07-08-18	09:32-11:30			1.10119	07-08-18 09:36	63.65088761	Other	NA	Electronic	1.10119	1.10162
AUDNZDmicro	07-08-18	11:32-13:30			1.1014	07-08-18 11:33	63650.88761	Other	NA	Electronic	1.1014	1.10185

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	07-08-18	13:30-13:32	1.10154	1591.27219								
AUDNZDmicro	07-08-18	15:32-17:30			1.10184	07-08-18 15:43	318.2544381	Other	NA	Electronic	1.10184	1.10229
AUDNZDmicro	08-08-18	09:32-11:30			1.09967	08-08-18 09:36	267.333728	Other	NA	Electronic	1.09967	1.1001
AUDNZDmicro	08-08-18	11:32-13:30			1.09911	08-08-18 12:14	190.9526628	Other	NA	Electronic	1.09911	1.09956
AUDNZDmicro	08-08-18	13:30-13:32	1.09899	318.2544381								
AUDNZDmicro	08-08-18	15:32-17:30			1.10084	08-08-18 16:28	63.65088761	Other	NA	Electronic	1.10038	1.10084
AUDNZDmicro	09-08-18	09:32-11:30			1.11507	09-08-18 09:33	63.65088761	Other	NA	Electronic	1.11507	1.11552
AUDNZDmicro	09-08-18	11:32-13:30			1.11581	09-08-18 11:35	6.365088761	Other	NA	Electronic	1.11535	1.11581
AUDNZDmicro	09-08-18	13:32-15:30			1.11644	09-08-18 13:36	413.7307695	Other	NA	Electronic	1.11644	1.11688
AUDNZDmicro	09-08-18	15:32-17:30			1.11649	09-08-18 15:35	89.11124266	Other	NA	Electronic	1.11649	1.11695
AUDNZDmicro	10-08-18	09:32-11:30			1.10906	10-08-18 09:34	318.2544381	Other	NA	Electronic	1.10866	1.10906
AUDNZDmicro	10-08-18	11:32-13:30			1.10803	10-08-18 11:52	273.6988167	Other	NA	Electronic	1.10759	1.10803
AUDNZDmicro	10-08-18	13:30-13:32	1.10568	235.5082842								
AUDNZDmicro	10-08-18	15:30-15:32	1.10597	381.9053257								
AUDNZDmicro	13-08-18	09:32-11:30			1.10608	13-08-18 09:44	63.65088761	Other	NA	Electronic	1.10564	1.10608

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	13-08-18	11:32-13:30			1.10512	13-08-18 11:47	19095.26628	Other	NA	Electronic	1.10466	1.10512
AUDNZDmicro	13-08-18	13:30-13:32	1.1068	222.7781066								
AUDNZDmicro	13-08-18	15:32-17:30			1.10409	13-08-18 15:35	254.6035504	Other	NA	Electronic	1.10409	1.10454
AUDNZDmicro	14-08-18	09:32-11:30			1.10103	14-08-18 09:58	6.365088761	Other	NA	Electronic	1.1006	1.10103
AUDNZDmicro	14-08-18	11:32-13:30			1.1008	14-08-18 12:01	38.19053257	Other	NA	Electronic	1.1008	1.10123
AUDNZDmicro	14-08-18	13:32-15:30			1.09899	14-08-18 13:36	127.3017752	Other	NA	Electronic	1.09899	1.09944
AUDNZDmicro	14-08-18	15:32-17:30			1.09941	14-08-18 15:36	6365.088761	Other	NA	Electronic	1.09896	1.09941
AUDNZDmicro	15-08-18	09:32-11:30			1.10305	15-08-18 09:38	63.65088761	Other	NA	Electronic	1.10305	1.10348
AUDNZDmicro	15-08-18	11:32-13:30			1.10189	15-08-18 11:32	114.5715977	Other	NA	Electronic	1.10147	1.10189
AUDNZDmicro	15-08-18	13:30-13:32	1.10176	5092.071009								
AUDNZDmicro	15-08-18	15:32-17:30			1.10302	15-08-18 15:34	63.65088761	Other	NA	Electronic	1.10256	1.10302
AUDNZDmicro	16-08-18	09:32-11:30			1.1048	16-08-18 09:33	12.73017752	Other	NA	Electronic	1.10437	1.1048
AUDNZDmicro	16-08-18	11:30-11:32	1.10343	630.1437874								
AUDNZDmicro	16-08-18	13:32-15:30			1.10273	16-08-18 13:38	159.127219	Other	NA	Electronic	1.10231	1.10273
AUDNZDmicro	16-08-18	15:32-17:30			1.10302	16-08-18 16:17	318.2544381	Other	NA	Electronic	1.10259	1.10302

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	17-08-18	09:32-11:30			1.10134	17-08-18 09:33	6.365088761	Other	NA	Electronic	1.10134	1.10176
AUDNZDmicro	17-08-18	11:32-13:30			1.10096	17-08-18 11:51	6.365088761	Other	NA	Electronic	1.10059	1.10096
AUDNZDmicro	17-08-18	13:32-15:30			1.10142	17-08-18 14:52	6.365088761	Other	NA	Electronic	1.10142	1.10188
AUDNZDmicro	17-08-18	15:32-17:30			1.10207	17-08-18 15:51	63.65088761	Other	NA	Electronic	1.10162	1.10207
AUDNZDmicro	20-08-18	09:32-11:30			1.10402	20-08-18 09:33	63.65088761	Other	NA	Electronic	1.10402	1.10448
AUDNZDmicro	20-08-18	11:32-13:30			1.1033	20-08-18 12:29	318.2544381	Other	NA	Electronic	1.1033	1.10372
AUDNZDmicro	20-08-18	13:32-15:30			1.10248	20-08-18 13:32	318.2544381	Other	NA	Electronic	1.10248	1.10291
AUDNZDmicro	20-08-18	15:32-17:30			1.10405	20-08-18 15:37	63.65088761	Other	NA	Electronic	1.10405	1.10448
AUDNZDmicro	21-08-18	09:32-11:30			1.10367	21-08-18 09:47	127.3017752	Other	NA	Electronic	1.10321	1.10367
AUDNZDmicro	21-08-18	11:30-11:32	1.10385	6.365088761								
AUDNZDmicro	21-08-18	13:32-15:30			1.10224	21-08-18 13:43	6.365088761	Other	NA	Electronic	1.10224	1.10262
AUDNZDmicro	21-08-18	15:32-17:30			1.10122	21-08-18 15:32	6.365088761	Other	NA	Electronic	1.10077	1.10122
AUDNZDmicro	22-08-18	09:32-11:30			1.09806	22-08-18 09:34	178.2224853	Other	NA	Electronic	1.0976	1.09806
AUDNZDmicro	22-08-18	11:32-13:30			1.09743	22-08-18 11:39	636.5088761	Other	NA	Electronic	1.09743	1.09785
AUDNZDmicro	22-08-18	13:32-15:30			1.09709	22-08-18 13:37	31.82544381	Other	NA	Electronic	1.09664	1.09709

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	22-08-18	15:32-17:30			1.09717	22-08-18 16:42	318.2544381	Other	NA	Electronic	1.09717	1.0976
AUDNZDmicro	23-08-18	09:30-09:32	1.09301	127.3017752								
AUDNZDmicro	23-08-18	11:32-13:30			1.0928	23-08-18 11:50	445.5562133	Other	NA	Electronic	1.09236	1.0928
AUDNZDmicro	23-08-18	13:30-13:32	1.09102	700.1597637								
AUDNZDmicro	23-08-18	15:32-17:30			1.09205	23-08-18 15:47	6.365088761	Other	NA	Electronic	1.09205	1.0925
AUDNZDmicro	24-08-18	09:32-11:30			1.09537	24-08-18 09:38	636.5088761	Other	NA	Electronic	1.09492	1.09537
AUDNZDmicro	24-08-18	11:32-13:30			1.09559	24-08-18 11:41	1909.526628	Other	NA	Electronic	1.09512	1.09559
AUDNZDmicro	24-08-18	13:32-15:30			1.09711	24-08-18 13:39	6.365088761	Other	NA	Electronic	1.09669	1.09711
AUDNZDmicro	24-08-18	15:30-15:32	1.09583	318.2544381								
AUDNZDmicro	27-08-18	09:32-11:30			1.09558	27-08-18 09:44	63.65088761	Other	NA	Electronic	1.09558	1.09603
AUDNZDmicro	27-08-18	11:32-13:30			1.09618	27-08-18 11:32	70.01597637	Other	NA	Electronic	1.09573	1.09618
AUDNZDmicro	27-08-18	13:32-15:30			1.0972	27-08-18 13:44	6365.088761	Other	NA	Electronic	1.09673	1.09718
AUDNZDmicro	27-08-18	15:32-17:30			1.09737	27-08-18 15:39	70.01597637	Other	NA	Electronic	1.09694	1.09737
AUDNZDmicro	28-08-18	09:32-11:30			1.09568	28-08-18 09:44	127.3017752	Other	NA	Electronic	1.09568	1.09612
AUDNZDmicro	28-08-18	11:30-11:32	1.09545	127.3017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDNZDmicro	28-08-18	13:30-13:32	1.09519	1273.017752								
AUDNZDmicro	28-08-18	15:32-17:30			1.09437	28-08-18 15:38	63.65088761	Other	NA	Electronic	1.09437	1.09481
AUDNZDmicro	29-08-18	09:32-11:30			1.08896	29-08-18 09:41	700.1597637	Other	NA	Electronic	1.08896	1.08937
AUDNZDmicro	29-08-18	11:32-13:30			1.08893	29-08-18 11:35	636.5088761	Other	NA	Electronic	1.08893	1.08938
AUDNZDmicro	29-08-18	13:32-15:30			1.08834	29-08-18 13:40	636.5088761	Other	NA	Electronic	1.08833	1.0888
AUDNZDmicro	29-08-18	15:32-17:30			1.08864	29-08-18 15:36	63.65088761	Other	NA	Electronic	1.08825	1.08864
AUDNZDmicro	30-08-18	09:32-11:30			1.0947	30-08-18 09:36	63.65088761	Other	NA	Electronic	1.0947	1.09516
AUDNZDmicro	30-08-18	11:32-13:30			1.09539	30-08-18 11:40	127.3017752	Other	NA	Electronic	1.09493	1.09539
AUDNZDmicro	30-08-18	13:32-15:30			1.09543	30-08-18 13:33	19.09526628	Other	NA	Electronic	1.09496	1.09543
AUDNZDmicro	30-08-18	15:32-17:30			1.09368	30-08-18 15:32	1909.526628	Other	NA	Electronic	1.09368	1.09411
AUDNZDmicro	31-08-18	09:32-11:30			1.08955	31-08-18 09:34	636.5088761	Other	NA	Electronic	1.08909	1.08955
AUDNZDmicro	31-08-18	11:32-13:30			1.0892	31-08-18 11:48	190.9526628	Other	NA	Electronic	1.0892	1.08964
AUDNZDmicro	31-08-18	13:32-15:30			1.08765	31-08-18 13:32	6244.152075	Other	NA	Electronic	1.0872	1.08765
AUDNZDmicro	31-08-18	15:32-17:30			1.08811	31-08-18 15:36	6.365088761	Other	NA	Electronic	1.08811	1.08857
AUDNZDmicro	03-09-18	09:32-11:30			1.09034	03-09-18 09:34	63.65088761	Other	NA	Electronic	1.09034	1.09078

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AUDNZDmicro	03-09-18	11:32-13:30			1.09095	03-09-18 12:08	63.65088761	Other	NA	Electronic	1.0905	1.09095
AUDNZDmicro	03-09-18	13:30-13:32	1.09259	1591.27219								
AUDNZDmicro	03-09-18	15:32-17:30			1.09205	03-09-18 16:13	636.5088761	Other	NA	Electronic	1.09205	1.09242
AUDNZDmicro	04-09-18	09:30-09:32	1.09491	1273.017752								
AUDNZDmicro	04-09-18	11:32-13:30			1.09683	04-09-18 12:21	152.7621303	Other	NA	Electronic	1.09683	1.09728
AUDNZDmicro	04-09-18	13:32-15:30			1.09541	04-09-18 13:47	63.65088761	Other	NA	Electronic	1.09494	1.09541
AUDNZDmicro	04-09-18	15:32-17:30			1.0967	04-09-18 15:34	1273.017752	Other	NA	Electronic	1.09624	1.0967
AUDNZDmicro	05-09-18	09:30-09:32	1.09267	1273.017752								
AUDNZDmicro	05-09-18	11:32-13:30			1.09357	05-09-18 11:32	1273.017752	Other	NA	Electronic	1.09309	1.09357
AUDNZDmicro	05-09-18	13:30-13:32	1.09221	210.0479291								
AUDNZDmicro	05-09-18	15:32-17:30			1.09276	05-09-18 15:35	127.3017752	Other	NA	Electronic	1.09231	1.09276
AUDNZDmicro	06-09-18	09:32-11:30			1.09049	06-09-18 09:33	636.5088761	Other	NA	Electronic	1.09049	1.09094
AUDNZDmicro	06-09-18	11:32-13:30			1.09184	06-09-18 11:53	3182.544381	Other	NA	Electronic	1.09138	1.09184
AUDNZDmicro	06-09-18	13:32-15:30			1.09132	06-09-18 13:41	636.5088761	Other	NA	Electronic	1.09085	1.09132
AUDNZDmicro	06-09-18	15:32-17:30			1.09112	06-09-18 15:34	82.7461539	Other	NA	Electronic	1.09112	1.09159

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AUDNZDmicro	07-09-18	09:32-11:30			1.08813	07-09-18 09:39	12.73017752	Other	NA	Electronic	1.08813	1.08859
AUDNZDmicro	07-09-18	11:32-13:30			1.08901	07-09-18 11:35	3182.544381	Other	NA	Electronic	1.08855	1.08901
AUDNZDmicro	07-09-18	13:32-15:30			1.0894	07-09-18 13:37	636.5088761	Other	NA	Electronic	1.08896	1.0894
AUDNZDmicro	07-09-18	15:32-17:30			1.08926	07-09-18 15:46	63.65088761	Other	NA	Electronic	1.0888	1.08926
AUDNZDmicro	10-09-18	09:30-09:32	1.08997	95.47633142								
AUDNZDmicro	10-09-18	11:32-13:30			1.08964	10-09-18 11:48	6.365088761	Other	NA	Electronic	1.08922	1.08964
AUDNZDmicro	10-09-18	13:32-15:30			1.08846	10-09-18 13:36	63.65088761	Other	NA	Electronic	1.08846	1.08888
AUDNZDmicro	10-09-18	15:32-17:30			1.08864	10-09-18 15:36	63.65088761	Other	NA	Electronic	1.08864	1.08911
AUDNZDmicro	11-09-18	09:32-11:30			1.08876	11-09-18 09:51	6.365088761	Other	NA	Electronic	1.08876	1.08924
AUDNZDmicro	11-09-18	11:32-13:30			1.09039	11-09-18 11:51	63650.88761	Other	NA	Electronic	1.08994	1.09039
AUDNZDmicro	11-09-18	13:32-15:30			1.08935	11-09-18 13:37	954.7633142	Other	NA	Electronic	1.08935	1.08978
AUDNZDmicro	11-09-18	15:32-17:30			1.09122	11-09-18 15:36	63.65088761	Other	NA	Electronic	1.09079	1.09122
AUDNZDmicro	12-09-18	09:32-11:30			1.0919	12-09-18 10:13	89.11124266	Other	NA	Electronic	1.09146	1.0919
AUDNZDmicro	12-09-18	11:32-13:30			1.0922	12-09-18 11:47	63.65088761	Other	NA	Electronic	1.0922	1.09263
AUDNZDmicro	12-09-18	13:32-15:30			1.09161	12-09-18 13:34	1209.366865	Other	NA	Electronic	1.09161	1.09207



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AUDNZDmicro	12-09-18	15:30-15:32	1.0938	63.65088761								
AUDNZDmicro	13-09-18	09:32-11:30			1.09702	13-09-18 09:35	63.65088761	Other	NA	Electronic	1.09659	1.09702
AUDNZDmicro	13-09-18	11:32-13:30			1.09747	13-09-18 11:40	63.65088761	Other	NA	Electronic	1.09705	1.09747
AUDNZDmicro	13-09-18	13:32-15:30			1.09735	13-09-18 13:39	63.65088761	Other	NA	Electronic	1.09688	1.09735
AUDNZDmicro	13-09-18	15:32-17:30			1.09625	13-09-18 15:33	954.7633142	Other	NA	Electronic	1.0958	1.09625
AUDNZDmicro	14-09-18	09:32-11:30			1.09381	14-09-18 10:17	63.65088761	Other	NA	Electronic	1.09381	1.09423
AUDNZDmicro	14-09-18	11:32-13:30			1.09344	14-09-18 12:23	636.5088761	Other	NA	Electronic	1.09303	1.09344
AUDNZDmicro	14-09-18	13:30-13:32	1.09275	636.5088761								
AUDNZDmicro	14-09-18	15:32-17:30			1.09382	14-09-18 15:34	31.82544381	Other	NA	Electronic	1.09382	1.09426
AUDNZDmicro	17-09-18	09:30-09:32	1.09213	127.3017752								
AUDNZDmicro	17-09-18	11:32-13:30			1.09182	17-09-18 11:33	76.38106513	Other	NA	Electronic	1.09182	1.09226
AUDNZDmicro	17-09-18	13:32-15:30			1.0925	17-09-18 14:11	63.65088761	Other	NA	Electronic	1.09207	1.0925
AUDNZDmicro	17-09-18	15:32-17:30			1.09109	17-09-18 15:32	63.65088761	Other	NA	Electronic	1.09109	1.09152
AUDNZDmicro	18-09-18	09:32-11:30			1.09296	18-09-18 09:32	12857.4793	Other	NA	Electronic	1.09296	1.09342
AUDNZDmicro	18-09-18	11:32-13:30			1.09217	18-09-18 11:34	63.65088761	Other	NA	Electronic	1.09217	1.09261

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AUDNZDmicro	18-09-18	13:32-15:30			1.09355	18-09-18 13:32	12.73017752	Other	NA	Electronic	1.09355	1.09394
AUDNZDmicro	18-09-18	15:32-17:30			1.0946	18-09-18 15:35	636.5088761	Other	NA	Electronic	1.0946	1.09503
AUDNZDmicro	19-09-18	09:30-09:32	1.09711	515.5721897								
AUDNZDmicro	19-09-18	11:32-13:30			1.09728	19-09-18 11:33	63.65088761	Other	NA	Electronic	1.09728	1.09774
AUDNZDmicro	19-09-18	13:30-13:32	1.0984	12.73017752								
AUDNZDmicro	19-09-18	15:32-17:30			1.0982	19-09-18 16:05	6.365088761	Other	NA	Electronic	1.0982	1.09863
AUDNZDmicro	20-09-18	09:32-11:30			1.09095	20-09-18 09:32	82.7461539	Other	NA	Electronic	1.09049	1.09095
AUDNZDmicro	20-09-18	11:32-13:30			1.0906	20-09-18 11:52	95.47633142	Other	NA	Electronic	1.0906	1.09103
AUDNZDmicro	20-09-18	13:32-15:30			1.09141	20-09-18 13:32	95.47633142	Other	NA	Electronic	1.09095	1.09141
AUDNZDmicro	20-09-18	15:32-17:30			1.0901	20-09-18 15:36	19.09526628	Other	NA	Electronic	1.08963	1.0901
AUDNZDmicro	21-09-18	09:30-09:32	1.08884	25.46035504								
AUDNZDmicro	21-09-18	11:32-13:30			1.09027	21-09-18 11:33	6.365088761	Other	NA	Electronic	1.08986	1.09027
AUDNZDmicro	21-09-18	13:32-15:30			1.08967	21-09-18 13:32	572.8579885	Other	NA	Electronic	1.08922	1.08967
AUDNZDmicro	21-09-18	15:30-15:32	1.08955	63650.88761								
AUDNZDmicro	24-09-18	09:32-11:30			1.09152	24-09-18 09:32	6479.660359	Other	NA	Electronic	1.09105	1.09152

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AUDNZDmicro	24-09-18	11:32-13:30			1.09021	24-09-18 11:33	12.73017752	Other	NA	Electronic	1.08976	1.09021
AUDNZDmicro	24-09-18	13:30-13:32	1.09142	12.73017752								
AUDNZDmicro	24-09-18	15:30-15:32	1.09218	3220.734913								
AUDNZDmicro	25-09-18	09:32-11:30			1.09009	25-09-18 10:17	190.9526628	Other	NA	Electronic	1.09009	1.09052
AUDNZDmicro	25-09-18	11:32-13:30			1.0909	25-09-18 12:34	763.8106513	Other	NA	Electronic	1.09045	1.0909
AUDNZDmicro	25-09-18	13:32-15:30			1.09017	25-09-18 13:40	636.5088761	Other	NA	Electronic	1.09018	1.09061
AUDNZDmicro	25-09-18	15:30-15:32	1.09066	458.2863908								
AUDNZDmicro	26-09-18	09:32-11:30			1.09058	26-09-18 10:18	636.5088761	Other	NA	Electronic	1.09015	1.09058
AUDNZDmicro	26-09-18	11:32-13:30			1.0904	26-09-18 12:16	63.65088761	Other	NA	Electronic	1.08996	1.0904
AUDNZDmicro	26-09-18	13:32-15:30			1.09078	26-09-18 13:52	127.3017752	Other	NA	Electronic	1.0903	1.09078
AUDNZDmicro	26-09-18	15:32-17:30			1.0904	26-09-18 15:37	190.9526628	Other	NA	Electronic	1.0904	1.09082
AUDNZDmicro	27-09-18	09:32-11:30			1.08839	27-09-18 10:41	12.73017752	Other	NA	Electronic	1.08839	1.08884
AUDNZDmicro	27-09-18	11:32-13:30			1.08891	27-09-18 11:32	6.365088761	Other	NA	Electronic	1.08849	1.08891
AUDNZDmicro	27-09-18	13:30-13:32	1.08894	127.3017752								
AUDNZDmicro	27-09-18	15:32-17:30			1.08939	27-09-18 15:52	12.73017752	Other	NA	Electronic	1.08939	1.08981

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AUDNZDmicro	28-09-18	09:32-11:30			1.09185	28-09-18 09:51	95.47633142	Other	NA	Electronic	1.09185	1.0923
AUDNZDmicro	28-09-18	11:32-13:30			1.09077	28-09-18 11:45	6.365088761	Other	NA	Electronic	1.09034	1.09077
AUDNZDmicro	28-09-18	13:32-15:30			1.09176	28-09-18 13:45	1273.017752	Other	NA	Electronic	1.09176	1.09223
AUDNZDmicro	28-09-18	15:32-17:30			1.09057	28-09-18 16:00	63.65088761	Other	NA	Electronic	1.09057	1.09104
AUDNZDmini	20-07-18	15:32-17:30			1.0894	20-07-18 16:48	1909.526628	Other	NA	Electronic	1.08897	1.0894
AUDUSD	02-07-18	09:30-09:32	0.73721	25460.35504								
AUDUSD	02-07-18	11:30-11:32	0.73565	30552.42605								
AUDUSD	02-07-18	13:30-13:32	0.73381	17185.73966								
AUDUSD	02-07-18	15:30-15:32	0.73212	12730.17752								
AUDUSD	03-07-18	09:30-09:32	0.73934	7638.106513								
AUDUSD	03-07-18	11:32-13:30			0.73921	03-07-18 11:32	15912.7219	Other	NA	Electronic	0.73921	0.73942
AUDUSD	03-07-18	13:30-13:32	0.73843	3182.544381								
AUDUSD	03-07-18	15:30-15:32	0.73832	1273.017752								
AUDUSD	04-07-18	09:30-09:32	0.73863	636.5088761								
AUDUSD	04-07-18	11:30-11:32	0.73868	3182.544381								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	04-07-18	13:32-15:30			0.73845	04-07-18 13:32	19095.26628	Other	NA	Electronic	0.73824	0.73845
AUDUSD	04-07-18	15:30-15:32	0.73823	20368.28404								
AUDUSD	05-07-18	09:32-11:30			0.73832	05-07-18 09:33	1273.017752	Other	NA	Electronic	0.73811	0.73832
AUDUSD	05-07-18	11:30-11:32	0.73973	318254.4381								
AUDUSD	05-07-18	13:30-13:32	0.73918	97385.85805								
AUDUSD	05-07-18	15:32-17:30			0.739	05-07-18 15:36	636.5088761	Other	NA	Electronic	0.73879	0.739
AUDUSD	06-07-18	09:30-09:32	0.74124	13366.6864								
AUDUSD	06-07-18	11:32-13:30			0.74119	06-07-18 11:32	1273.017752	Other	NA	Electronic	0.74119	0.7414
AUDUSD	06-07-18	13:30-13:32	0.74227	8911.124266								
AUDUSD	06-07-18	15:32-17:30			0.743	06-07-18 15:33	6365.088761	Other	NA	Electronic	0.743	0.7432
AUDUSD	09-07-18	09:30-09:32	0.74801	77017.57401								
AUDUSD	09-07-18	11:30-11:32	0.74773	15912.7219								
AUDUSD	09-07-18	13:30-13:32	0.74792	21641.30179								
AUDUSD	09-07-18	15:30-15:32	0.74681	44555.62133								
AUDUSD	10-07-18	09:30-09:32	0.74429	21004.79291								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	10-07-18	11:30-11:32	0.74364	12730.17752								
AUDUSD	10-07-18	13:30-13:32	0.7454	35644.49706								
AUDUSD	10-07-18	15:30-15:32	0.74644	1273.017752								
AUDUSD	11-07-18	09:30-09:32	0.73915	10184.14202								
AUDUSD	11-07-18	11:30-11:32	0.73968	1273.017752								
AUDUSD	11-07-18	13:30-13:32	0.74014	24823.84617								
AUDUSD	11-07-18	15:30-15:32	0.73936	15276.21303								
AUDUSD	12-07-18	09:30-09:32	0.73815	3182.544381								
AUDUSD	12-07-18	11:32-13:30			0.73765	12-07-18 11:32	3182.544381	Other	NA	Electronic	0.73745	0.73765
AUDUSD	12-07-18	13:30-13:32	0.73981	1273.017752								
AUDUSD	12-07-18	15:30-15:32	0.74106	405456.1541								
AUDUSD	13-07-18	09:30-09:32	0.73769	10184.14202								
AUDUSD	13-07-18	11:30-11:32	0.7375	8274.61539								
AUDUSD	13-07-18	13:30-13:32	0.73909	26733.3728								
AUDUSD	13-07-18	15:30-15:32	0.74133	32461.95268								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	16-07-18	09:30-09:32	0.744	7001.597637								
AUDUSD	16-07-18	11:32-13:30			0.74374	16-07-18 11:32	63650.88761	Other	NA	Electronic	0.74352	0.74374
AUDUSD	16-07-18	13:32-15:30			0.74273	16-07-18 13:33	636.5088761	Other	NA	Electronic	0.74252	0.74273
AUDUSD	16-07-18	15:30-15:32	0.74162	19095.26628								
AUDUSD	17-07-18	09:30-09:32	0.74246	3819.053257								
AUDUSD	17-07-18	11:30-11:32	0.74082	27369.88167								
AUDUSD	17-07-18	13:30-13:32	0.7398	42009.58582								
AUDUSD	17-07-18	15:32-17:30			0.73934	17-07-18 15:34	636.5088761	Other	NA	Electronic	0.73934	0.73955
AUDUSD	18-07-18	09:30-09:32	0.73607	1273.017752								
AUDUSD	18-07-18	11:30-11:32	0.73572	636.5088761								
AUDUSD	18-07-18	13:30-13:32	0.73612	1273.017752								
AUDUSD	18-07-18	15:30-15:32	0.73845	30552.42605								
AUDUSD	19-07-18	09:30-09:32	0.73509	141941.4794								
AUDUSD	19-07-18	11:30-11:32	0.73441	76381.06513								
AUDUSD	19-07-18	13:30-13:32	0.73379	63014.37874								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	19-07-18	15:30-15:32	0.73264	3182.544381								
AUDUSD	20-07-18	09:30-09:32	0.73736	6365.088761								
AUDUSD	20-07-18	11:30-11:32	0.73734	15912.7219								
AUDUSD	20-07-18	13:30-13:32	0.74136	3819.053257								
AUDUSD	20-07-18	15:32-17:30			0.74086	20-07-18 15:36	636.5088761	Other	NA	Electronic	0.74086	0.74107
AUDUSD	23-07-18	09:30-09:32	0.74038	7638.106513								
AUDUSD	23-07-18	11:30-11:32	0.74094	636.5088761								
AUDUSD	23-07-18	13:30-13:32	0.73912	40100.0592								
AUDUSD	23-07-18	15:30-15:32	0.73773	117754.1421								
AUDUSD	24-07-18	09:30-09:32	0.73832	14003.19527								
AUDUSD	24-07-18	11:30-11:32	0.74055	7638.106513								
AUDUSD	24-07-18	13:32-15:30			0.74113	24-07-18 13:33	2546.035504	Other	NA	Electronic	0.74093	0.74113
AUDUSD	24-07-18	15:30-15:32	0.74193	19095.26628								
AUDUSD	25-07-18	09:30-09:32	0.74204	7638.106513								
AUDUSD	25-07-18	11:30-11:32	0.74105	22277.81066								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	25-07-18	13:30-13:32	0.74259	7001.597637								
AUDUSD	25-07-18	15:30-15:32	0.74092	2546.035504								
AUDUSD	26-07-18	09:30-09:32	0.74296	54739.76335								
AUDUSD	26-07-18	11:30-11:32	0.74206	64923.90536								
AUDUSD	26-07-18	13:30-13:32	0.7399	296613.1363								
AUDUSD	26-07-18	15:32-17:30			0.739	26-07-18 15:33	3182.544381	Other	NA	Electronic	0.739	0.73921
AUDUSD	27-07-18	09:30-09:32	0.73781	2546.035504								
AUDUSD	27-07-18	11:30-11:32	0.73755	3819.053257								
AUDUSD	27-07-18	13:30-13:32	0.73962	7001.597637								
AUDUSD	27-07-18	15:32-17:30			0.74047	27-07-18 15:32	8274.61539	Other	NA	Electronic	0.74047	0.74068
AUDUSD	30-07-18	09:30-09:32	0.74005	636.5088761								
AUDUSD	30-07-18	11:30-11:32	0.74033	3182.544381								
AUDUSD	30-07-18	13:32-15:30			0.73998	30-07-18 13:32	1909.526628	Other	NA	Electronic	0.73977	0.73997
AUDUSD	30-07-18	15:30-15:32	0.74101	1273.017752								
AUDUSD	31-07-18	09:32-11:30			0.74201	31-07-18 09:40	636.5088761	Other	NA	Electronic	0.74201	0.74224

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	31-07-18	11:30-11:32	0.74262	1909.526628								
AUDUSD	31-07-18	13:30-13:32	0.74274	61741.36098								
AUDUSD	31-07-18	15:30-15:32	0.74328	3182.544381								
AUDUSD	01-08-18	09:32-11:30			0.74084	01-08-18 09:32	636.5088761	Other	NA	Electronic	0.74064	0.74084
AUDUSD	01-08-18	11:30-11:32	0.74173	3819.053257								
AUDUSD	01-08-18	13:30-13:32	0.74113	2546.035504								
AUDUSD	01-08-18	15:30-15:32	0.74019	2546.035504								
AUDUSD	02-08-18	09:30-09:32	0.73639	8911.124266								
AUDUSD	02-08-18	11:30-11:32	0.73663	10820.65089								
AUDUSD	02-08-18	13:30-13:32	0.73745	636.5088761								
AUDUSD	02-08-18	15:32-17:30			0.7378	02-08-18 15:38	636.5088761	Other	NA	Electronic	0.73759	0.7378
AUDUSD	03-08-18	09:30-09:32	0.7363	6365.088761								
AUDUSD	03-08-18	11:30-11:32	0.74011	130484.3196								
AUDUSD	03-08-18	13:30-13:32	0.73815	26096.86392								
AUDUSD	03-08-18	15:30-15:32	0.741	13366.6864								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	06-08-18	09:30-09:32	0.73961	17822.24853								
AUDUSD	06-08-18	11:30-11:32	0.73819	6365.088761								
AUDUSD	06-08-18	13:32-15:30			0.7381	06-08-18 13:35	636.5088761	Other	NA	Electronic	0.73788	0.7381
AUDUSD	06-08-18	15:30-15:32	0.73927	3182.544381								
AUDUSD	07-08-18	09:32-11:30			0.74327	07-08-18 09:32	31825.44381	Other	NA	Electronic	0.74327	0.74348
AUDUSD	07-08-18	11:30-11:32	0.74324	636.5088761								
AUDUSD	07-08-18	13:32-15:30			0.74282	07-08-18 13:33	1909.526628	Other	NA	Electronic	0.74282	0.74303
AUDUSD	07-08-18	15:30-15:32	0.74238	6365.088761								
AUDUSD	08-08-18	09:30-09:32	0.74167	636.5088761								
AUDUSD	08-08-18	11:32-13:30			0.74133	08-08-18 11:33	1273.017752	Other	NA	Electronic	0.74133	0.74154
AUDUSD	08-08-18	13:30-13:32	0.74038	636.5088761								
AUDUSD	08-08-18	15:30-15:32	0.74193	3182.544381								
AUDUSD	09-08-18	09:30-09:32	0.74232	1273.017752								
AUDUSD	09-08-18	11:30-11:32	0.7418	636.5088761								
AUDUSD	09-08-18	13:32-15:30			0.74126	09-08-18 13:35	1273.017752	Other	NA	Electronic	0.74126	0.74145

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AUDUSD	09-08-18	15:30-15:32	0.73988	3182.544381								
AUDUSD	10-08-18	09:32-11:30			0.73107	10-08-18 09:35	15912.7219	Other	NA	Electronic	0.73086	0.73107
AUDUSD	10-08-18	11:30-11:32	0.73083	636.5088761								
AUDUSD	10-08-18	13:30-13:32	0.72978	12730.17752								
AUDUSD	10-08-18	15:32-17:30			0.73073	10-08-18 15:34	1273.017752	Other	NA	Electronic	0.73073	0.73093
AUDUSD	13-08-18	09:30-09:32	0.72715	19095.26628								
AUDUSD	13-08-18	11:30-11:32	0.72695	3182.544381								
AUDUSD	13-08-18	13:32-15:30			0.72875	13-08-18 13:32	63650.88761	Other	NA	Electronic	0.72853	0.72875
AUDUSD	13-08-18	15:32-17:30			0.7274	13-08-18 15:34	31825.44381	Other	NA	Electronic	0.72719	0.7274
AUDUSD	14-08-18	09:30-09:32	0.72626	636.5088761								
AUDUSD	14-08-18	11:32-13:30			0.72582	14-08-18 11:38	636.5088761	Other	NA	Electronic	0.72582	0.72603
AUDUSD	14-08-18	13:32-15:30			0.72557	14-08-18 13:36	636.5088761	Other	NA	Electronic	0.72537	0.72558
AUDUSD	14-08-18	15:30-15:32	0.72443	28642.89943								
AUDUSD	15-08-18	09:30-09:32	0.72281	9547.633142								
AUDUSD	15-08-18	11:30-11:32	0.72157	5092.071009								

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AUDUSD	15-08-18	13:32-15:30			0.72262	15-08-18 13:34	12730.17752	Other	NA	Electronic	0.72262	0.72283
AUDUSD	15-08-18	15:32-17:30			0.72279	15-08-18 15:36	31825.44381	Other	NA	Electronic	0.72257	0.72279
AUDUSD	16-08-18	09:30-09:32	0.72651	1273.017752								
AUDUSD	16-08-18	11:32-13:30			0.72675	16-08-18 11:32	3182.544381	Other	NA	Electronic	0.72675	0.72696
AUDUSD	16-08-18	13:30-13:32	0.7271	1273.017752								
AUDUSD	16-08-18	15:32-17:30			0.72758	16-08-18 15:33	636.5088761	Other	NA	Electronic	0.72758	0.72779
AUDUSD	17-08-18	09:30-09:32	0.72738	1909.526628								
AUDUSD	17-08-18	11:30-11:32	0.72666	6365.088761								
AUDUSD	17-08-18	13:30-13:32	0.7283	636.5088761								
AUDUSD	17-08-18	15:30-15:32	0.72846	7001.597637								
AUDUSD	20-08-18	09:32-11:30			0.73089	20-08-18 09:34	2546.035504	Other	NA	Electronic	0.73069	0.73089
AUDUSD	20-08-18	11:32-13:30			0.73051	20-08-18 11:50	636.5088761	Other	NA	Electronic	0.73051	0.73071
AUDUSD	20-08-18	13:32-15:30			0.73113	20-08-18 13:33	636.5088761	Other	NA	Electronic	0.73093	0.73113
AUDUSD	20-08-18	15:32-17:30			0.7308	20-08-18 15:34	2546.035504	Other	NA	Electronic	0.7308	0.73101
AUDUSD	21-08-18	09:32-11:30			0.73539	21-08-18 09:34	636.5088761	Other	NA	Electronic	0.73539	0.73561

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	21-08-18	11:32-13:30			0.73585	21-08-18 11:32	3182.544381	Other	NA	Electronic	0.73585	0.73604
AUDUSD	21-08-18	13:30-13:32	0.73512	1273.017752								
AUDUSD	21-08-18	15:32-17:30			0.735	21-08-18 15:35	636.5088761	Other	NA	Electronic	0.73478	0.735
AUDUSD	22-08-18	09:32-11:30			0.73484	22-08-18 09:34	19095.26628	Other	NA	Electronic	0.73484	0.73505
AUDUSD	22-08-18	11:30-11:32	0.73628	26096.86392								
AUDUSD	22-08-18	13:30-13:32	0.73534	636.5088761								
AUDUSD	22-08-18	15:32-17:30			0.73496	22-08-18 15:34	3182.544381	Other	NA	Electronic	0.73474	0.73496
AUDUSD	23-08-18	09:30-09:32	0.729	636.5088761								
AUDUSD	23-08-18	11:32-13:30			0.72941	23-08-18 11:34	44555.62133	Other	NA	Electronic	0.7292	0.72941
AUDUSD	23-08-18	13:30-13:32	0.72708	478654.6748								
AUDUSD	23-08-18	15:30-15:32	0.72702	1273.017752								
AUDUSD	24-08-18	09:30-09:32	0.72719	1909.526628								
AUDUSD	24-08-18	11:32-13:30			0.73	24-08-18 11:33	1273.017752	Other	NA	Electronic	0.73	0.7302
AUDUSD	24-08-18	13:30-13:32	0.731	15912.7219								
AUDUSD	24-08-18	15:32-17:30			0.73284	24-08-18 15:33	19095.26628	Other	NA	Electronic	0.73284	0.73306

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	27-08-18	09:30-09:32	0.73101	1273.017752								
AUDUSD	27-08-18	11:30-11:32	0.73161	1273.017752								
AUDUSD	27-08-18	13:30-13:32	0.73314	1909.526628								
AUDUSD	27-08-18	15:30-15:32	0.73455	3182.544381								
AUDUSD	28-08-18	09:30-09:32	0.73496	636.5088761								
AUDUSD	28-08-18	11:30-11:32	0.73456	636.5088761								
AUDUSD	28-08-18	13:30-13:32	0.73571	2546.035504								
AUDUSD	28-08-18	15:30-15:32	0.73496	9547.633142								
AUDUSD	29-08-18	09:30-09:32	0.73073	8274.61539								
AUDUSD	29-08-18	11:30-11:32	0.73	636.5088761								
AUDUSD	29-08-18	13:30-13:32	0.72952	5092.071009								
AUDUSD	29-08-18	15:30-15:32	0.72945	1273.017752								
AUDUSD	30-08-18	09:32-11:30			0.72921	30-08-18 09:32	636.5088761	Other	NA	Electronic	0.72904	0.72921
AUDUSD	30-08-18	11:30-11:32	0.72995	1273.017752								
AUDUSD	30-08-18	13:30-13:32	0.72875	636.5088761								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	30-08-18	15:30-15:32	0.72669	1909.526628								
AUDUSD	31-08-18	09:30-09:32	0.72341	8274.61539								
AUDUSD	31-08-18	11:32-13:30			0.72279	31-08-18 11:32	3182.544381	Other	NA	Electronic	0.7226	0.72279
AUDUSD	31-08-18	13:30-13:32	0.72098	1909.526628								
AUDUSD	31-08-18	15:30-15:32	0.72053	15276.21303								
AUDUSD	03-09-18	09:30-09:32	0.72112	5092.071009								
AUDUSD	03-09-18	11:32-13:30			0.72076	03-09-18 11:35	636.5088761	Other	NA	Electronic	0.72057	0.72076
AUDUSD	03-09-18	13:30-13:32	0.72206	636.5088761								
AUDUSD	03-09-18	15:30-15:32	0.72146	1273.017752								
AUDUSD	04-09-18	09:30-09:32	0.71722	1273.017752								
AUDUSD	04-09-18	11:30-11:32	0.71813	19731.77516								
AUDUSD	04-09-18	13:30-13:32	0.71762	636.5088761								
AUDUSD	04-09-18	15:30-15:32	0.71743	15912.7219								
AUDUSD	05-09-18	09:30-09:32	0.71684	4455.562133								
AUDUSD	05-09-18	11:30-11:32	0.71783	7001.597637								



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AUDUSD	05-09-18	13:30-13:32	0.71867	38190.53257								
AUDUSD	05-09-18	15:30-15:32	0.71855	5092.071009								
AUDUSD	06-09-18	09:32-11:30			0.71969	06-09-18 09:32	3182.544381	Other	NA	Electronic	0.71951	0.71969
AUDUSD	06-09-18	11:30-11:32	0.71963	636.5088761								
AUDUSD	06-09-18	13:32-15:30			0.71912	06-09-18 13:35	636.5088761	Other	NA	Electronic	0.71912	0.7193
AUDUSD	06-09-18	15:30-15:32	0.71969	636.5088761								
AUDUSD	07-09-18	09:32-11:30			0.71585	07-09-18 09:32	636.5088761	Other	NA	Electronic	0.71566	0.71585
AUDUSD	07-09-18	11:30-11:32	0.71644	636.5088761								
AUDUSD	07-09-18	13:30-13:32	0.71433	5092.071009								
AUDUSD	07-09-18	15:32-17:30			0.71397	07-09-18 15:40	636.5088761	Other	NA	Electronic	0.71379	0.71397
AUDUSD	10-09-18	09:30-09:32	0.71229	1909.526628								
AUDUSD	10-09-18	11:30-11:32	0.71201	25460.35504								
AUDUSD	10-09-18	13:32-15:30			0.7123	10-09-18 13:34	636.5088761	Other	NA	Electronic	0.7123	0.71248
AUDUSD	10-09-18	15:30-15:32	0.71196	2546.035504								
AUDUSD	11-09-18	09:32-11:30			0.71088	11-09-18 09:33	63650.88761	Other	NA	Electronic	0.7107	0.71088

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AUDUSD	11-09-18	11:30-11:32	0.71018	2546.035504								
AUDUSD	11-09-18	13:30-13:32	0.70893	33098.46156								
AUDUSD	11-09-18	15:30-15:32	0.70997	108206.5089								
AUDUSD	12-09-18	09:30-09:32	0.71155	636.5088761								
AUDUSD	12-09-18	11:30-11:32	0.71123	6365.088761								
AUDUSD	12-09-18	13:30-13:32	0.71198	10184.14202								
AUDUSD	12-09-18	15:30-15:32	0.71754	18458.75741								
AUDUSD	13-09-18	09:30-09:32	0.71814	6365.088761								
AUDUSD	13-09-18	11:32-13:30			0.7191	13-09-18 11:32	31825.44381	Other	NA	Electronic	0.7191	0.71928
AUDUSD	13-09-18	13:30-13:32	0.72224	64923.90536								
AUDUSD	13-09-18	15:30-15:32	0.71886	40100.0592								
AUDUSD	14-09-18	09:30-09:32	0.71995	15912.7219								
AUDUSD	14-09-18	11:30-11:32	0.71912	75108.04738								
AUDUSD	14-09-18	13:30-13:32	0.71759	2546.035504								
AUDUSD	14-09-18	15:30-15:32	0.71829	96112.84029								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD	17-09-18	09:30-09:32	0.71712	2546.035504								
AUDUSD	17-09-18	11:30-11:32	0.71716	1909.526628								
AUDUSD	17-09-18	13:30-13:32	0.71898	2546.035504								
AUDUSD	17-09-18	15:32-17:30			0.71801	17-09-18 15:32	636.5088761	Other	NA	Electronic	0.71801	0.7182
AUDUSD	18-09-18	09:30-09:32	0.72109	3819.053257								
AUDUSD	18-09-18	11:30-11:32	0.71969	5092.071009								
AUDUSD	18-09-18	13:30-13:32	0.72059	4455.562133								
AUDUSD	18-09-18	15:30-15:32	0.72091	636.5088761								
AUDUSD	19-09-18	09:30-09:32	0.72504	19731.77516								
AUDUSD	19-09-18	11:30-11:32	0.72473	1909.526628								
AUDUSD	19-09-18	13:30-13:32	0.72545	28006.39055								
AUDUSD	19-09-18	15:30-15:32	0.72701	636.5088761								
AUDUSD	20-09-18	09:32-11:30			0.72662	20-09-18 09:33	3182.544381	Other	NA	Electronic	0.72642	0.72662
AUDUSD	20-09-18	11:30-11:32	0.72767	24187.33729								
AUDUSD	20-09-18	13:30-13:32	0.72831	636.5088761								

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AUDUSD	20-09-18	15:32-17:30			0.72782	20-09-18 15:33	6365.088761	Other	NA	Electronic	0.72761	0.72781
AUDUSD	21-09-18	09:32-11:30			0.729	21-09-18 09:32	24823.84617	Other	NA	Electronic	0.72883	0.729
AUDUSD	21-09-18	11:30-11:32	0.72855	127301.7752								
AUDUSD	21-09-18	13:30-13:32	0.72677	1754218.463								
AUDUSD	21-09-18	15:30-15:32	0.72784	636.5088761								
AUDUSD	24-09-18	09:32-11:30			0.72765	24-09-18 09:34	636.5088761	Other	NA	Electronic	0.72747	0.72765
AUDUSD	24-09-18	11:32-13:30			0.72704	24-09-18 11:32	1273.017752	Other	NA	Electronic	0.72704	0.72723
AUDUSD	24-09-18	13:30-13:32	0.72748	1273.017752								
AUDUSD	24-09-18	15:30-15:32	0.72617	636.5088761								
AUDUSD	25-09-18	09:30-09:32	0.72417	44555.62133								
AUDUSD	25-09-18	11:30-11:32	0.72492	194135.2072								
AUDUSD	25-09-18	13:30-13:32	0.72575	636.5088761								
AUDUSD	25-09-18	15:32-17:30			0.72494	25-09-18 15:35	3182.544381	Other	NA	Electronic	0.72494	0.72513
AUDUSD	26-09-18	09:32-11:30			0.72563	26-09-18 09:32	6365.088761	Other	NA	Electronic	0.72563	0.72582
AUDUSD	26-09-18	11:30-11:32	0.72549	3182.544381								

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AUDUSD	26-09-18	13:32-15:30			0.7248	26-09-18 13:37	1909.526628	Other	NA	Electronic	0.7246	0.7248
AUDUSD	26-09-18	15:30-15:32	0.72579	1273.017752								
AUDUSD	27-09-18	09:30-09:32	0.72284	1909.526628								
AUDUSD	27-09-18	11:32-13:30			0.72308	27-09-18 11:33	2546.035504	Other	NA	Electronic	0.72288	0.72308
AUDUSD	27-09-18	13:32-15:30			0.72155	27-09-18 13:32	1909.526628	Other	NA	Electronic	0.72136	0.72155
AUDUSD	27-09-18	15:30-15:32	0.72146	35644.49706								
AUDUSD	28-09-18	09:30-09:32	0.72169	383178.3434								
AUDUSD	28-09-18	11:32-13:30			0.72108	28-09-18 11:36	3182.544381	Other	NA	Electronic	0.72108	0.72127
AUDUSD	28-09-18	13:30-13:32	0.72185	6365.088761								
AUDUSD	28-09-18	15:32-17:30			0.72353	28-09-18 15:32	6365.088761	Other	NA	Electronic	0.72353	0.72371
AUDUSD.	02-07-18	09:32-11:30			0.73706	02-07-18 09:32	3182.544381	Other	NA	Electronic	0.73706	0.73711
AUDUSD.	02-07-18	11:30-11:32	0.73569	636.5088761								
AUDUSD.	02-07-18	13:30-13:32	0.7337	4455.562133								
AUDUSD.	02-07-18	15:30-15:32	0.73207	636.5088761								
AUDUSD.	03-07-18	09:30-09:32	0.7394	63650.88761								

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AUDUSD.	03-07-18	11:30-11:32	0.73947	19095.26628								
AUDUSD.	03-07-18	13:32-15:30			0.73915	03-07-18 13:42	6365.088761	Other	NA	Electronic	0.73915	0.73919
AUDUSD.	03-07-18	15:32-17:30			0.73822	03-07-18 15:36	3182544.381	Other	NA	Electronic	0.73817	0.73822
AUDUSD.	04-07-18	09:32-11:30			0.73844	04-07-18 09:33	1273.017752	Other	NA	Electronic	0.73844	0.73848
AUDUSD.	04-07-18	11:32-13:30			0.73867	04-07-18 11:57	1273.017752	Other	NA	Electronic	0.73867	0.73873
AUDUSD.	04-07-18	13:32-15:30			0.73832	04-07-18 13:32	12730.17752	Other	NA	Electronic	0.73833	0.73838
AUDUSD.	04-07-18	15:32-17:30			0.73814	04-07-18 15:36	38190.53257	Other	NA	Electronic	0.73814	0.7382
AUDUSD.	05-07-18	09:32-11:30			0.73839	05-07-18 09:42	636.5088761	Other	NA	Electronic	0.7384	0.73844
AUDUSD.	05-07-18	11:30-11:32	0.7398	644783.4915								
AUDUSD.	05-07-18	13:30-13:32	0.73919	1909.526628								
AUDUSD.	05-07-18	15:30-15:32	0.73877	636.5088761								
AUDUSD.	06-07-18	09:32-11:30			0.74123	06-07-18 09:33	3182.544381	Other	NA	Electronic	0.74117	0.74123
AUDUSD.	06-07-18	11:32-13:30			0.74098	06-07-18 11:48	636.5088761	Other	NA	Electronic	0.74096	0.741
AUDUSD.	06-07-18	13:32-15:30			0.74204	06-07-18 13:39	636.5088761	Other	NA	Electronic	0.74204	0.74209
AUDUSD.	06-07-18	15:32-17:30			0.74305	06-07-18 15:33	1273.017752	Other	NA	Electronic	0.74305	0.74311

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AUDUSD.	09-07-18	09:30-09:32	0.74794	7001.597637								
AUDUSD.	09-07-18	11:30-11:32	0.74762	381905.3257								
AUDUSD.	09-07-18	13:32-15:30			0.74819	09-07-18 13:37	636.5088761	Other	NA	Electronic	0.74819	0.74823
AUDUSD.	09-07-18	15:30-15:32	0.74666	2227781.066								
AUDUSD.	10-07-18	09:32-11:30			0.74432	10-07-18 09:46	636.5088761	Other	NA	Electronic	0.74426	0.74431
AUDUSD.	10-07-18	11:30-11:32	0.74367	636.5088761								
AUDUSD.	10-07-18	13:32-15:30			0.74502	10-07-18 13:45	3182.544381	Other	NA	Electronic	0.74499	0.74502
AUDUSD.	10-07-18	15:32-17:30			0.7468	10-07-18 15:43	1909.526628	Other	NA	Electronic	0.74676	0.74679
AUDUSD.	11-07-18	09:32-11:30			0.73915	11-07-18 09:32	636.5088761	Other	NA	Electronic	0.7391	0.73915
AUDUSD.	11-07-18	11:32-13:30			0.7395	11-07-18 11:43	3182.544381	Other	NA	Electronic	0.7395	0.73955
AUDUSD.	11-07-18	13:32-15:30			0.74038	11-07-18 13:40	636.5088761	Other	NA	Electronic	0.74033	0.74038
AUDUSD.	11-07-18	15:32-17:30			0.73927	11-07-18 15:32	31825.44381	Other	NA	Electronic	0.73921	0.73926
AUDUSD.	12-07-18	09:30-09:32	0.73831	7638.106513								
AUDUSD.	12-07-18	11:32-13:30			0.73753	12-07-18 11:33	254603.5504	Other	NA	Electronic	0.73753	0.73758
AUDUSD.	12-07-18	13:32-15:30			0.7399	12-07-18 13:32	6365.088761	Other	NA	Electronic	0.73985	0.7399

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AUDUSD.	12-07-18	15:32-17:30			0.7411	12-07-18 15:34	636.5088761	Other	NA	Electronic	0.7411	0.74115
AUDUSD.	13-07-18	09:32-11:30			0.73763	13-07-18 09:32	19095.26628	Other	NA	Electronic	0.73757	0.73763
AUDUSD.	13-07-18	11:32-13:30			0.73764	13-07-18 11:38	636.5088761	Other	NA	Electronic	0.73759	0.73764
AUDUSD.	13-07-18	13:32-15:30			0.73928	13-07-18 13:39	1273.017752	Other	NA	Electronic	0.73923	0.73928
AUDUSD.	13-07-18	15:30-15:32	0.74134	10820.65089								
AUDUSD.	16-07-18	09:32-11:30			0.74383	16-07-18 09:37	636.5088761	Other	NA	Electronic	0.74383	0.74387
AUDUSD.	16-07-18	11:32-13:30			0.74333	16-07-18 11:35	6365.088761	Other	NA	Electronic	0.74333	0.74336
AUDUSD.	16-07-18	13:32-15:30			0.74259	16-07-18 13:34	636.5088761	Other	NA	Electronic	0.74259	0.74264
AUDUSD.	16-07-18	15:30-15:32	0.74152	636.5088761								
AUDUSD.	17-07-18	09:32-11:30			0.74234	17-07-18 09:55	636.5088761	Other	NA	Electronic	0.7423	0.74233
AUDUSD.	17-07-18	11:32-13:30			0.74053	17-07-18 11:34	6365.088761	Other	NA	Electronic	0.74053	0.74059
AUDUSD.	17-07-18	13:30-13:32	0.73974	1909.526628								
AUDUSD.	17-07-18	15:32-17:30			0.73953	17-07-18 15:34	1273.017752	Other	NA	Electronic	0.73948	0.73954
AUDUSD.	18-07-18	09:30-09:32	0.73592	3819.053257								
AUDUSD.	18-07-18	11:30-11:32	0.73564	3182.544381								



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AUDUSD.	18-07-18	13:32-15:30			0.73613	18-07-18 13:33	636.5088761	Other	NA	Electronic	0.73608	0.73613
AUDUSD.	18-07-18	15:32-17:30			0.739	18-07-18 15:36	636.5088761	Other	NA	Electronic	0.73899	0.73901
AUDUSD.	19-07-18	09:30-09:32	0.73514	34371.47931								
AUDUSD.	19-07-18	11:30-11:32	0.73442	3182.544381								
AUDUSD.	19-07-18	13:30-13:32	0.7339	636.5088761								
AUDUSD.	19-07-18	15:30-15:32	0.73282	13366.6864								
AUDUSD.	20-07-18	09:32-11:30			0.73787	20-07-18 09:40	636.5088761	Other	NA	Electronic	0.73787	0.7379
AUDUSD.	20-07-18	11:32-13:30			0.73724	20-07-18 11:40	636.5088761	Other	NA	Electronic	0.73719	0.73724
AUDUSD.	20-07-18	13:32-15:30			0.74179	20-07-18 13:41	636.5088761	Other	NA	Electronic	0.74174	0.74179
AUDUSD.	20-07-18	15:32-17:30			0.74099	20-07-18 15:32	19095.26628	Other	NA	Electronic	0.74099	0.74104
AUDUSD.	23-07-18	09:32-11:30			0.73999	23-07-18 09:38	12730.17752	Other	NA	Electronic	0.73995	0.73999
AUDUSD.	23-07-18	11:32-13:30			0.74056	23-07-18 11:35	1273.017752	Other	NA	Electronic	0.74056	0.74061
AUDUSD.	23-07-18	13:32-15:30			0.73846	23-07-18 13:40	8911.124266	Other	NA	Electronic	0.73841	0.73847
AUDUSD.	23-07-18	15:30-15:32	0.73779	636.5088761								
AUDUSD.	24-07-18	09:30-09:32	0.73835	6365.088761								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD.	24-07-18	11:32-13:30			0.74048	24-07-18 11:33	6365.088761	Other	NA	Electronic	0.74048	0.74054
AUDUSD.	24-07-18	13:32-15:30			0.74129	24-07-18 13:35	636.5088761	Other	NA	Electronic	0.74128	0.74129
AUDUSD.	24-07-18	15:30-15:32	0.74186	6365.088761								
AUDUSD.	25-07-18	09:32-11:30			0.74202	25-07-18 09:36	6365.088761	Other	NA	Electronic	0.74197	0.74203
AUDUSD.	25-07-18	11:32-13:30			0.74119	25-07-18 11:42	6365.088761	Other	NA	Electronic	0.74119	0.74125
AUDUSD.	25-07-18	13:32-15:30			0.74271	25-07-18 13:39	636.5088761	Other	NA	Electronic	0.74266	0.74271
AUDUSD.	25-07-18	15:30-15:32	0.74084	636.5088761								
AUDUSD.	26-07-18	09:30-09:32	0.74289	63650.88761								
AUDUSD.	26-07-18	11:32-13:30			0.742	26-07-18 11:32	3182.544381	Other	NA	Electronic	0.742	0.74206
AUDUSD.	26-07-18	13:30-13:32	0.73995	17822.24853								
AUDUSD.	26-07-18	15:30-15:32	0.73896	3182.544381								
AUDUSD.	27-07-18	09:32-11:30			0.73746	27-07-18 09:43	636.5088761	Other	NA	Electronic	0.73742	0.73746
AUDUSD.	27-07-18	11:32-13:30			0.73783	27-07-18 11:34	12730.17752	Other	NA	Electronic	0.73779	0.73783
AUDUSD.	27-07-18	13:30-13:32	0.73948	1273.017752								
AUDUSD.	27-07-18	15:32-17:30			0.74075	27-07-18 15:47	31825.44381	Other	NA	Electronic	0.74069	0.74074

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD.	30-07-18	09:32-11:30			0.74005	30-07-18 09:35	1909.526628	Other	NA	Electronic	0.74001	0.74005
AUDUSD.	30-07-18	11:32-13:30			0.739	30-07-18 12:50	3182.544381	Other	NA	Electronic	0.739	0.73906
AUDUSD.	30-07-18	13:32-15:30			0.74015	30-07-18 13:37	636.5088761	Other	NA	Electronic	0.74015	0.74019
AUDUSD.	30-07-18	15:32-17:30			0.74069	30-07-18 15:53	6365.088761	Other	NA	Electronic	0.74069	0.74073
AUDUSD.	31-07-18	09:32-11:30			0.7421	31-07-18 09:41	636.5088761	Other	NA	Electronic	0.7421	0.74217
AUDUSD.	31-07-18	11:30-11:32	0.74264	31825.44381								
AUDUSD.	31-07-18	13:32-15:30			0.74298	31-07-18 13:33	3182.544381	Other	NA	Electronic	0.74298	0.74302
AUDUSD.	31-07-18	15:32-17:30			0.74348	31-07-18 15:34	3182.544381	Other	NA	Electronic	0.74347	0.74353
AUDUSD.	01-08-18	09:32-11:30			0.74074	01-08-18 09:38	25460.35504	Other	NA	Electronic	0.7407	0.74074
AUDUSD.	01-08-18	11:32-13:30			0.74192	01-08-18 11:36	66833.43199	Other	NA	Electronic	0.74192	0.74196
AUDUSD.	01-08-18	13:32-15:30			0.74103	01-08-18 13:34	636.5088761	Other	NA	Electronic	0.74098	0.74102
AUDUSD.	01-08-18	15:32-17:30			0.74045	01-08-18 15:41	3182.544381	Other	NA	Electronic	0.74039	0.74045
AUDUSD.	02-08-18	09:30-09:32	0.73628	15912.7219								
AUDUSD.	02-08-18	11:32-13:30			0.73663	02-08-18 11:44	6365.088761	Other	NA	Electronic	0.73663	0.73668
AUDUSD.	02-08-18	13:32-15:30			0.73746	02-08-18 13:44	5092.071009	Other	NA	Electronic	0.73742	0.73746

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AUDUSD.	02-08-18	15:32-17:30			0.73749	02-08-18 15:32	636.5088761	Other	NA	Electronic	0.73744	0.73749
AUDUSD.	03-08-18	09:32-11:30			0.73607	03-08-18 09:38	636.5088761	Other	NA	Electronic	0.73607	0.73612
AUDUSD.	03-08-18	11:30-11:32	0.74023	8911.124266								
AUDUSD.	03-08-18	13:32-15:30			0.73801	03-08-18 13:35	636.5088761	Other	NA	Electronic	0.73801	0.73807
AUDUSD.	03-08-18	15:32-17:30			0.74094	03-08-18 15:34	1273.017752	Other	NA	Electronic	0.74094	0.74099
AUDUSD.	06-08-18	09:32-11:30			0.73889	06-08-18 10:11	3182.544381	Other	NA	Electronic	0.73889	0.73894
AUDUSD.	06-08-18	11:32-13:30			0.7381	06-08-18 11:35	636.5088761	Other	NA	Electronic	0.7381	0.73815
AUDUSD.	06-08-18	13:30-13:32	0.73823	190952.6628								
AUDUSD.	06-08-18	15:32-17:30			0.7392	06-08-18 17:11	636.5088761	Other	NA	Electronic	0.7392	0.73924
AUDUSD.	07-08-18	09:32-11:30			0.74327	07-08-18 09:43	1273.017752	Other	NA	Electronic	0.74327	0.74331
AUDUSD.	07-08-18	11:32-13:30			0.74345	07-08-18 11:45	31825.44381	Other	NA	Electronic	0.7434	0.74345
AUDUSD.	07-08-18	13:30-13:32	0.74292	16549.23078								
AUDUSD.	07-08-18	15:32-17:30			0.74235	07-08-18 16:33	636.5088761	Other	NA	Electronic	0.74235	0.7424
AUDUSD.	08-08-18	09:32-11:30			0.74116	08-08-18 09:33	63650.88761	Other	NA	Electronic	0.74111	0.74116
AUDUSD.	08-08-18	11:32-13:30			0.74102	08-08-18 11:50	3182.544381	Other	NA	Electronic	0.74102	0.74105

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AUDUSD.	08-08-18	13:32-15:30			0.74056	08-08-18 13:32	636.5088761	Other	NA	Electronic	0.74052	0.74056
AUDUSD.	08-08-18	15:32-17:30			0.74168	08-08-18 15:48	15912.7219	Other	NA	Electronic	0.74168	0.74173
AUDUSD.	09-08-18	09:32-11:30			0.74205	09-08-18 09:39	636.5088761	Other	NA	Electronic	0.742	0.74205
AUDUSD.	09-08-18	11:32-13:30			0.74164	09-08-18 11:45	636.5088761	Other	NA	Electronic	0.74164	0.74168
AUDUSD.	09-08-18	13:32-15:30			0.74147	09-08-18 13:33	636.5088761	Other	NA	Electronic	0.74143	0.74147
AUDUSD.	09-08-18	15:32-17:30			0.73987	09-08-18 15:34	636.5088761	Other	NA	Electronic	0.73982	0.73987
AUDUSD.	10-08-18	09:32-11:30			0.73083	10-08-18 09:54	636.5088761	Other	NA	Electronic	0.73078	0.73083
AUDUSD.	10-08-18	11:30-11:32	0.73105	9547.633142								
AUDUSD.	10-08-18	13:30-13:32	0.72992	19095.26628								
AUDUSD.	10-08-18	15:32-17:30			0.73067	10-08-18 15:32	636.5088761	Other	NA	Electronic	0.73064	0.7307
AUDUSD.	13-08-18	09:32-11:30			0.72772	13-08-18 09:45	636.5088761	Other	NA	Electronic	0.72767	0.72772
AUDUSD.	13-08-18	11:30-11:32	0.7268	636.5088761								
AUDUSD.	13-08-18	13:30-13:32	0.72865	1273.017752								
AUDUSD.	13-08-18	15:32-17:30			0.72747	13-08-18 15:32	636.5088761	Other	NA	Electronic	0.72743	0.72747
AUDUSD.	14-08-18	09:30-09:32	0.72614	636.5088761								

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AUDUSD.	14-08-18	11:32-13:30			0.72635	14-08-18 11:34	2546.035504	Other	NA	Electronic	0.7263	0.72635
AUDUSD.	14-08-18	13:32-15:30			0.72558	14-08-18 13:36	3182.544381	Other	NA	Electronic	0.72558	0.72562
AUDUSD.	14-08-18	15:32-17:30			0.72383	14-08-18 15:32	1273.017752	Other	NA	Electronic	0.72383	0.72392
AUDUSD.	15-08-18	09:32-11:30			0.72303	15-08-18 09:52	636.5088761	Other	NA	Electronic	0.72299	0.72303
AUDUSD.	15-08-18	11:32-13:30			0.72195	15-08-18 11:45	636.5088761	Other	NA	Electronic	0.72195	0.722
AUDUSD.	15-08-18	13:30-13:32	0.72285	636.5088761								
AUDUSD.	15-08-18	15:32-17:30			0.72247	15-08-18 15:32	3182.544381	Other	NA	Electronic	0.72247	0.72252
AUDUSD.	16-08-18	09:32-11:30			0.72709	16-08-18 10:00	1273.017752	Other	NA	Electronic	0.72709	0.72714
AUDUSD.	16-08-18	11:32-13:30			0.72663	16-08-18 11:51	1909.526628	Other	NA	Electronic	0.72659	0.72663
AUDUSD.	16-08-18	13:32-15:30			0.7275	16-08-18 13:35	636.5088761	Other	NA	Electronic	0.7275	0.72755
AUDUSD.	16-08-18	15:32-17:30			0.72722	16-08-18 15:46	636.5088761	Other	NA	Electronic	0.72716	0.72722
AUDUSD.	17-08-18	09:32-11:30			0.72687	17-08-18 09:34	9547.633142	Other	NA	Electronic	0.72687	0.72691
AUDUSD.	17-08-18	11:32-13:30			0.72662	17-08-18 11:33	636.5088761	Other	NA	Electronic	0.72662	0.72666
AUDUSD.	17-08-18	13:32-15:30			0.72842	17-08-18 13:48	636.5088761	Other	NA	Electronic	0.72842	0.72847
AUDUSD.	17-08-18	15:30-15:32	0.72843	636.5088761								

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AUDUSD.	20-08-18	09:32-11:30			0.73089	20-08-18 09:50	3182544.381	Other	NA	Electronic	0.73089	0.73094
AUDUSD.	20-08-18	11:30-11:32	0.73048	1273.017752								
AUDUSD.	20-08-18	13:32-15:30			0.73108	20-08-18 13:34	19095.26628	Other	NA	Electronic	0.73108	0.73113
AUDUSD.	20-08-18	15:32-17:30			0.73186	20-08-18 15:53	636.5088761	Other	NA	Electronic	0.73421	0.73427
AUDUSD.	21-08-18	09:32-11:30			0.73533	21-08-18 09:44	636.5088761	Other	NA	Electronic	0.73533	0.73538
AUDUSD.	21-08-18	11:32-13:30			0.73518	21-08-18 12:08	1273.017752	Other	NA	Electronic	0.73518	0.73523
AUDUSD.	21-08-18	13:32-15:30			0.73521	21-08-18 13:34	6365.088761	Other	NA	Electronic	0.73515	0.73521
AUDUSD.	21-08-18	15:32-17:30			0.73549	21-08-18 15:44	636.5088761	Other	NA	Electronic	0.73548	0.73555
AUDUSD.	22-08-18	09:32-11:30			0.73477	22-08-18 09:39	6365.088761	Other	NA	Electronic	0.73473	0.73477
AUDUSD.	22-08-18	11:32-13:30			0.73581	22-08-18 11:50	6365.088761	Other	NA	Electronic	0.73581	0.73587
AUDUSD.	22-08-18	13:32-15:30			0.73522	22-08-18 13:33	10184.14202	Other	NA	Electronic	0.73516	0.73522
AUDUSD.	22-08-18	15:30-15:32	0.73479	3819.053257								
AUDUSD.	23-08-18	09:32-11:30			0.72935	23-08-18 09:54	1909526.628	Other	NA	Electronic	0.72935	0.72939
AUDUSD.	23-08-18	11:32-13:30			0.72934	23-08-18 11:44	3182544.381	Other	NA	Electronic	0.72934	0.72939
AUDUSD.	23-08-18	13:30-13:32	0.72711	1273.017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD.	23-08-18	15:32-17:30			0.72684	23-08-18 15:34	636.5088761	Other	NA	Electronic	0.72684	0.72688
AUDUSD.	24-08-18	09:32-11:30			0.72687	24-08-18 09:33	31825.44381	Other	NA	Electronic	0.72687	0.72691
AUDUSD.	24-08-18	11:32-13:30			0.7302	24-08-18 11:33	9547.633142	Other	NA	Electronic	0.7302	0.73025
AUDUSD.	24-08-18	13:32-15:30			0.73116	24-08-18 13:32	1273.017752	Other	NA	Electronic	0.73111	0.73116
AUDUSD.	24-08-18	15:32-17:30			0.73308	24-08-18 15:55	1273.017752	Other	NA	Electronic	0.73302	0.73308
AUDUSD.	27-08-18	09:30-09:32	0.73087	6365.088761								
AUDUSD.	27-08-18	11:30-11:32	0.73157	636.5088761								
AUDUSD.	27-08-18	13:30-13:32	0.73291	1273.017752								
AUDUSD.	27-08-18	15:30-15:32	0.73453	1273.017752								
AUDUSD.	28-08-18	09:30-09:32	0.73509	1273.017752								
AUDUSD.	28-08-18	11:32-13:30			0.73502	28-08-18 11:47	636.5088761	Other	NA	Electronic	0.73497	0.73502
AUDUSD.	28-08-18	13:32-15:30			0.73562	28-08-18 13:40	2546.035504	Other	NA	Electronic	0.73562	0.73568
AUDUSD.	28-08-18	15:32-17:30			0.73467	28-08-18 15:32	6365.088761	Other	NA	Electronic	0.73467	0.73471
AUDUSD.	29-08-18	09:32-11:30			0.73073	29-08-18 09:42	636.5088761	Other	NA	Electronic	0.73067	0.73073
AUDUSD.	29-08-18	11:30-11:32	0.72986	636.5088761								



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AUDUSD.	29-08-18	13:30-13:32	0.72943	1273.017752								
AUDUSD.	29-08-18	15:32-17:30			0.72905	29-08-18 15:39	84655.68052	Other	NA	Electronic	0.72905	0.7291
AUDUSD.	30-08-18	09:32-11:30			0.72926	30-08-18 09:48	1273.017752	Other	NA	Electronic	0.72926	0.72929
AUDUSD.	30-08-18	11:32-13:30			0.72979	30-08-18 11:36	9547.633142	Other	NA	Electronic	0.72977	0.72979
AUDUSD.	30-08-18	13:32-15:30			0.72807	30-08-18 13:35	17185.73966	Other	NA	Electronic	0.72804	0.72807
AUDUSD.	30-08-18	15:32-17:30			0.72689	30-08-18 15:33	6365.088761	Other	NA	Electronic	0.72687	0.72689
AUDUSD.	31-08-18	09:30-09:32	0.72327	636.5088761								
AUDUSD.	31-08-18	11:32-13:30			0.72255	31-08-18 11:35	19095.26628	Other	NA	Electronic	0.72255	0.72257
AUDUSD.	31-08-18	13:32-15:30			0.72147	31-08-18 13:38	3182.544381	Other	NA	Electronic	0.72145	0.72147
AUDUSD.	31-08-18	15:30-15:32	0.7205	636.5088761								
AUDUSD.	03-09-18	09:32-11:30			0.72078	03-09-18 09:56	1909.526628	Other	NA	Electronic	0.72076	0.72078
AUDUSD.	03-09-18	11:32-13:30			0.72092	03-09-18 11:45	6365.088761	Other	NA	Electronic	0.72088	0.72092
AUDUSD.	03-09-18	13:30-13:32	0.72198	22277.81066								
AUDUSD.	03-09-18	15:32-17:30			0.72125	03-09-18 15:48	1273.017752	Other	NA	Electronic	0.72125	0.72128
AUDUSD.	04-09-18	09:32-11:30			0.71723	04-09-18 09:45	1909.526628	Other	NA	Electronic	0.71723	0.71726

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AUDUSD.	04-09-18	11:32-13:30			0.71829	04-09-18 11:37	636.5088761	Other	NA	Electronic	0.71826	0.71829
AUDUSD.	04-09-18	13:30-13:32	0.71751	636.5088761								
AUDUSD.	04-09-18	15:32-17:30			0.71758	04-09-18 15:32	2546.035504	Other	NA	Electronic	0.71754	0.71758
AUDUSD.	05-09-18	09:32-11:30			0.71718	05-09-18 10:04	636.5088761	Other	NA	Electronic	0.71715	0.71718
AUDUSD.	05-09-18	11:32-13:30			0.71768	05-09-18 11:36	12730.17752	Other	NA	Electronic	0.71768	0.71771
AUDUSD.	05-09-18	13:30-13:32	0.71836	6365.088761								
AUDUSD.	05-09-18	15:32-17:30			0.71901	05-09-18 15:44	3182.544381	Other	NA	Electronic	0.71901	0.71905
AUDUSD.	06-09-18	09:32-11:30			0.71856	06-09-18 10:00	636.5088761	Other	NA	Electronic	0.71853	0.71856
AUDUSD.	06-09-18	11:32-13:30			0.71985	06-09-18 11:47	636.5088761	Other	NA	Electronic	0.71985	0.71989
AUDUSD.	06-09-18	13:32-15:30			0.71944	06-09-18 14:14	6365.088761	Other	NA	Electronic	0.71942	0.71947
AUDUSD.	06-09-18	15:32-17:30			0.71941	06-09-18 15:45	636.5088761	Other	NA	Electronic	0.71937	0.71941
AUDUSD.	07-09-18	09:32-11:30			0.71548	07-09-18 09:50	6365.088761	Other	NA	Electronic	0.71548	0.71549
AUDUSD.	07-09-18	11:32-13:30			0.71601	07-09-18 11:53	636.5088761	Other	NA	Electronic	0.71597	0.71601
AUDUSD.	07-09-18	13:32-15:30			0.71433	07-09-18 13:34	12093.66865	Other	NA	Electronic	0.71433	0.71436
AUDUSD.	07-09-18	15:30-15:32	0.71337	1273.017752								

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AUDUSD.	10-09-18	09:30-09:32	0.7126	19731.77516								
AUDUSD.	10-09-18	11:32-13:30			0.71215	10-09-18 11:44	636.5088761	Other	NA	Electronic	0.71212	0.71215
AUDUSD.	10-09-18	13:32-15:30			0.71245	10-09-18 14:00	636.5088761	Other	NA	Electronic	0.71242	0.71246
AUDUSD.	10-09-18	15:32-17:30			0.7121	10-09-18 15:37	5728.579885	Other	NA	Electronic	0.71206	0.7121
AUDUSD.	11-09-18	09:30-09:32	0.71085	6365.088761								
AUDUSD.	11-09-18	11:32-13:30			0.71035	11-09-18 11:50	636.5088761	Other	NA	Electronic	0.71034	0.71035
AUDUSD.	11-09-18	13:32-15:30			0.70875	11-09-18 13:35	1273.017752	Other	NA	Electronic	0.70872	0.70875
AUDUSD.	11-09-18	15:32-17:30			0.71016	11-09-18 15:59	19731.77516	Other	NA	Electronic	0.71012	0.71016
AUDUSD.	12-09-18	09:32-11:30			0.71207	12-09-18 10:20	636.5088761	Other	NA	Electronic	0.71205	0.71207
AUDUSD.	12-09-18	11:32-13:30			0.71154	12-09-18 11:52	1273.017752	Other	NA	Electronic	0.71151	0.71154
AUDUSD.	12-09-18	13:30-13:32	0.71204	3182.544381								
AUDUSD.	12-09-18	15:32-17:30			0.71754	12-09-18 15:34	636.5088761	Other	NA	Electronic	0.71754	0.71759
AUDUSD.	13-09-18	09:32-11:30			0.71791	13-09-18 09:44	636.5088761	Other	NA	Electronic	0.71791	0.71793
AUDUSD.	13-09-18	11:32-13:30			0.71919	13-09-18 11:32	636.5088761	Other	NA	Electronic	0.71916	0.71919
AUDUSD.	13-09-18	13:32-15:30			0.72176	13-09-18 13:34	636.5088761	Other	NA	Electronic	0.72176	0.7218

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AUDUSD.	13-09-18	15:30-15:32	0.71866	57285.79885								
AUDUSD.	14-09-18	09:30-09:32	0.71991	3182.544381								
AUDUSD.	14-09-18	11:32-13:30			0.71928	14-09-18 11:33	636.5088761	Other	NA	Electronic	0.71926	0.71928
AUDUSD.	14-09-18	13:32-15:30			0.71734	14-09-18 13:39	3182.544381	Other	NA	Electronic	0.71731	0.71734
AUDUSD.	14-09-18	15:30-15:32	0.71831	120300.1776								
AUDUSD.	17-09-18	09:32-11:30			0.71732	17-09-18 09:37	114571.5977	Other	NA	Electronic	0.71732	0.71735
AUDUSD.	17-09-18	11:32-13:30			0.71755	17-09-18 11:39	1273.017752	Other	NA	Electronic	0.71753	0.71755
AUDUSD.	17-09-18	13:32-15:30			0.71899	17-09-18 13:37	10184.14202	Other	NA	Electronic	0.71899	0.71902
AUDUSD.	17-09-18	15:32-17:30			0.71874	17-09-18 16:18	3182.544381	Other	NA	Electronic	0.71871	0.71874
AUDUSD.	18-09-18	09:30-09:32	0.72105	1273.017752								
AUDUSD.	18-09-18	11:32-13:30			0.72017	18-09-18 11:45	3182.544381	Other	NA	Electronic	0.72013	0.72017
AUDUSD.	18-09-18	13:32-15:30			0.72098	18-09-18 13:33	3182.544381	Other	NA	Electronic	0.72098	0.72101
AUDUSD.	18-09-18	15:32-17:30			0.72166	18-09-18 15:43	6365.088761	Other	NA	Electronic	0.72166	0.72167
AUDUSD.	19-09-18	09:32-11:30			0.72561	19-09-18 09:35	636.5088761	Other	NA	Electronic	0.72559	0.72561
AUDUSD.	19-09-18	11:32-13:30			0.7252	19-09-18 11:46	1909.526628	Other	NA	Electronic	0.72518	0.7252

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSD.	19-09-18	13:30-13:32	0.72537	7638.106513								
AUDUSD.	19-09-18	15:30-15:32	0.7269	19095.26628								
AUDUSD.	20-09-18	09:32-11:30			0.72648	20-09-18 09:47	4455.562133	Other	NA	Electronic	0.72648	0.7265
AUDUSD.	20-09-18	11:30-11:32	0.72755	13366.6864								
AUDUSD.	20-09-18	13:32-15:30			0.72878	20-09-18 13:34	19095.26628	Other	NA	Electronic	0.72875	0.72878
AUDUSD.	20-09-18	15:32-17:30			0.72769	20-09-18 15:32	636.5088761	Other	NA	Electronic	0.72766	0.72769
AUDUSD.	21-09-18	09:32-11:30			0.72898	21-09-18 09:50	318890.9469	Other	NA	Electronic	0.72894	0.72898
AUDUSD.	21-09-18	11:32-13:30			0.72825	21-09-18 11:54	318890.9469	Other	NA	Electronic	0.72825	0.72828
AUDUSD.	21-09-18	13:30-13:32	0.72662	636.5088761								
AUDUSD.	21-09-18	15:32-17:30			0.72779	21-09-18 15:37	6365.088761	Other	NA	Electronic	0.72777	0.72779
AUDUSD.	24-09-18	09:32-11:30			0.72754	24-09-18 09:38	9547.633142	Other	NA	Electronic	0.72754	0.72757
AUDUSD.	24-09-18	11:32-13:30			0.72729	24-09-18 11:56	636.5088761	Other	NA	Electronic	0.72726	0.72729
AUDUSD.	24-09-18	13:32-15:30			0.72768	24-09-18 13:35	636.5088761	Other	NA	Electronic	0.72764	0.72768
AUDUSD.	24-09-18	15:32-17:30			0.72606	24-09-18 15:47	381905.3257	Other	NA	Electronic	0.72603	0.72606
AUDUSD.	25-09-18	09:32-11:30			0.72435	25-09-18 09:43	2546.035504	Other	NA	Electronic	0.72432	0.72435

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AUDUSD.	25-09-18	11:32-13:30			0.72519	25-09-18 11:32	636.5088761	Other	NA	Electronic	0.72516	0.72519
AUDUSD.	25-09-18	13:30-13:32	0.72585	4455.562133								
AUDUSD.	25-09-18	15:32-17:30			0.72503	25-09-18 15:35	636.5088761	Other	NA	Electronic	0.72503	0.72506
AUDUSD.	26-09-18	09:32-11:30			0.72572	26-09-18 09:34	1909.526628	Other	NA	Electronic	0.72569	0.72572
AUDUSD.	26-09-18	11:32-13:30			0.72549	26-09-18 11:38	1273.017752	Other	NA	Electronic	0.72549	0.72552
AUDUSD.	26-09-18	13:32-15:30			0.7247	26-09-18 13:35	636.5088761	Other	NA	Electronic	0.72466	0.7247
AUDUSD.	26-09-18	15:32-17:30			0.72575	26-09-18 15:40	636.5088761	Other	NA	Electronic	0.72573	0.72575
AUDUSD.	27-09-18	09:30-09:32	0.72287	12730.17752								
AUDUSD.	27-09-18	11:32-13:30			0.72298	27-09-18 11:33	9547.633142	Other	NA	Electronic	0.72298	0.72301
AUDUSD.	27-09-18	13:32-15:30			0.72221	27-09-18 14:04	636.5088761	Other	NA	Electronic	0.7222	0.72222
AUDUSD.	27-09-18	15:32-17:30			0.72223	27-09-18 16:12	9547.633142	Other	NA	Electronic	0.72221	0.72223
AUDUSD.	28-09-18	09:32-11:30			0.72131	28-09-18 09:42	509207.1009	Other	NA	Electronic	0.72129	0.72131
AUDUSD.	28-09-18	11:32-13:30			0.72114	28-09-18 11:41	6365.088761	Other	NA	Electronic	0.72114	0.72117
AUDUSD.	28-09-18	13:32-15:30			0.72219	28-09-18 13:46	636.5088761	Other	NA	Electronic	0.72216	0.72219
AUDUSD.	28-09-18	15:32-17:30			0.72375	28-09-18 15:37	6365.088761	Other	NA	Electronic	0.72375	0.72378

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AUDUSDmicro	02-07-18	09:30-09:32	0.73716	254.6035504								
AUDUSDmicro	02-07-18	11:30-11:32	0.73577	23990.01954								
AUDUSDmicro	02-07-18	13:30-13:32	0.73379	16103.67457								
AUDUSDmicro	02-07-18	15:30-15:32	0.73205	4945.673967								
AUDUSDmicro	03-07-18	09:30-09:32	0.73966	636.5088761								
AUDUSDmicro	03-07-18	11:30-11:32	0.73954	636.5088761								
AUDUSDmicro	03-07-18	13:30-13:32	0.73859	1343.033729								
AUDUSDmicro	03-07-18	15:30-15:32	0.73847	2730.623079								
AUDUSDmicro	04-07-18	09:30-09:32	0.73854	3475.338464								
AUDUSDmicro	04-07-18	11:32-13:30			0.73876	04-07-18 11:32	636.5088761	Other	NA	Electronic	0.73855	0.73876
AUDUSDmicro	04-07-18	13:30-13:32	0.73832	6.365088761								
AUDUSDmicro	04-07-18	15:30-15:32	0.73812	655.6041424								
AUDUSDmicro	05-07-18	09:32-11:30			0.73805	05-07-18 09:32	318.2544381	Other	NA	Electronic	0.73805	0.73826
AUDUSDmicro	05-07-18	11:30-11:32	0.73983	4843.832547								
AUDUSDmicro	05-07-18	13:30-13:32	0.73916	16752.91362								

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AUDUSDmicro	05-07-18	15:30-15:32	0.7388	13042.06687								
AUDUSDmicro	06-07-18	09:30-09:32	0.74124	2896.115386								
AUDUSDmicro	06-07-18	11:30-11:32	0.74136	63.65088761								
AUDUSDmicro	06-07-18	13:30-13:32	0.7422	6.365088761								
AUDUSDmicro	06-07-18	15:30-15:32	0.74289	1279.382841								
AUDUSDmicro	09-07-18	09:30-09:32	0.74793	55414.46275								
AUDUSDmicro	09-07-18	11:30-11:32	0.74765	16549.23078								
AUDUSDmicro	09-07-18	13:32-15:30			0.74802	09-07-18 13:32	318.2544381	Other	NA	Electronic	0.74782	0.74802
AUDUSDmicro	09-07-18	15:30-15:32	0.74653	2546.035504								
AUDUSDmicro	10-07-18	09:30-09:32	0.7443	57.28579885								
AUDUSDmicro	10-07-18	11:30-11:32	0.7436	10903.39705								
AUDUSDmicro	10-07-18	13:30-13:32	0.74535	5410.325447								
AUDUSDmicro	10-07-18	15:30-15:32	0.74652	19.09526628								
AUDUSDmicro	11-07-18	09:30-09:32	0.73911	33181.20771								
AUDUSDmicro	11-07-18	11:30-11:32	0.73933	7638.106513								



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AUDUSDmicro	11-07-18	13:32-15:30			0.74046	11-07-18 13:32	954.7633142	Other	NA	Electronic	0.74025	0.74046
AUDUSDmicro	11-07-18	15:30-15:32	0.7395	4506.482843								
AUDUSDmicro	12-07-18	09:30-09:32	0.73827	133.666864								
AUDUSDmicro	12-07-18	11:32-13:30			0.73767	12-07-18 11:33	12730.17752	Other	NA	Electronic	0.73746	0.73767
AUDUSDmicro	12-07-18	13:32-15:30			0.73989	12-07-18 13:32	20374.64912	Other	NA	Electronic	0.73967	0.73989
AUDUSDmicro	12-07-18	15:30-15:32	0.741	47801.8166								
AUDUSDmicro	13-07-18	09:30-09:32	0.73786	127.3017752								
AUDUSDmicro	13-07-18	11:30-11:32	0.73751	2355.082842								
AUDUSDmicro	13-07-18	13:30-13:32	0.73895	636.5088761								
AUDUSDmicro	13-07-18	15:30-15:32	0.74136	7587.185803								
AUDUSDmicro	16-07-18	09:30-09:32	0.74387	60251.93021								
AUDUSDmicro	16-07-18	11:30-11:32	0.74353	572.8579885								
AUDUSDmicro	16-07-18	13:30-13:32	0.74276	63.65088761								
AUDUSDmicro	16-07-18	15:30-15:32	0.74155	12991.14616								
AUDUSDmicro	17-07-18	09:32-11:30			0.74234	17-07-18 09:37	63.65088761	Other	NA	Electronic	0.74234	0.74253

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AUDUSDmicro	17-07-18	11:30-11:32	0.74071	350.0798819								
AUDUSDmicro	17-07-18	13:30-13:32	0.73963	63.65088761								
AUDUSDmicro	17-07-18	15:30-15:32	0.73955	6.365088761								
AUDUSDmicro	18-07-18	09:30-09:32	0.73594	712.8899413								
AUDUSDmicro	18-07-18	11:30-11:32	0.73552	4582.863908								
AUDUSDmicro	18-07-18	13:30-13:32	0.73632	1985.907693								
AUDUSDmicro	18-07-18	15:30-15:32	0.73861	13061.16214								
AUDUSDmicro	19-07-18	09:30-09:32	0.7351	12762.00297								
AUDUSDmicro	19-07-18	11:30-11:32	0.73442	38667.91422								
AUDUSDmicro	19-07-18	13:30-13:32	0.73383	23079.81185								
AUDUSDmicro	19-07-18	15:30-15:32	0.73284	41831.36334								
AUDUSDmicro	20-07-18	09:30-09:32	0.7374	10126.85622								
AUDUSDmicro	20-07-18	11:30-11:32	0.73722	66979.82903								
AUDUSDmicro	20-07-18	13:30-13:32	0.74176	38.19053257								
AUDUSDmicro	20-07-18	15:30-15:32	0.74087	572.8579885								

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AUDUSDmicro	23-07-18	09:32-11:30			0.74043	23-07-18 09:32	12730.17752	Other	NA	Electronic	0.74023	0.74043
AUDUSDmicro	23-07-18	11:30-11:32	0.74073	2724.25799								
AUDUSDmicro	23-07-18	13:30-13:32	0.73909	8962.044976								
AUDUSDmicro	23-07-18	15:30-15:32	0.73784	1374.859172								
AUDUSDmicro	24-07-18	09:30-09:32	0.73829	3819.053257								
AUDUSDmicro	24-07-18	11:30-11:32	0.74032	3793.592902								
AUDUSDmicro	24-07-18	13:30-13:32	0.74085	7924.535508								
AUDUSDmicro	24-07-18	15:30-15:32	0.74192	4614.689352								
AUDUSDmicro	25-07-18	09:32-11:30			0.74199	25-07-18 09:32	6365.088761	Other	NA	Electronic	0.74199	0.74219
AUDUSDmicro	25-07-18	11:30-11:32	0.74108	3787.227813								
AUDUSDmicro	25-07-18	13:30-13:32	0.74253	6065.929589								
AUDUSDmicro	25-07-18	15:30-15:32	0.74081	547.3976335								
AUDUSDmicro	26-07-18	09:30-09:32	0.74296	9738.585805								
AUDUSDmicro	26-07-18	11:30-11:32	0.74218	115316.3131								
AUDUSDmicro	26-07-18	13:30-13:32	0.73994	120001.0184								

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AUDUSDmicro	26-07-18	15:30-15:32	0.7391	381.9053257								
AUDUSDmicro	27-07-18	09:30-09:32	0.73793	636.5088761								
AUDUSDmicro	27-07-18	11:30-11:32	0.73767	763.8106513								
AUDUSDmicro	27-07-18	13:30-13:32	0.73946	63.65088761								
AUDUSDmicro	27-07-18	15:30-15:32	0.74066	63.65088761								
AUDUSDmicro	30-07-18	09:30-09:32	0.73992	70.01597637								
AUDUSDmicro	30-07-18	11:30-11:32	0.74018	528.3023672								
AUDUSDmicro	30-07-18	13:30-13:32	0.73983	572.8579885								
AUDUSDmicro	30-07-18	15:32-17:30			0.74091	30-07-18 15:32	12.73017752	Other	NA	Electronic	0.7407	0.74091
AUDUSDmicro	31-07-18	09:32-11:30			0.74201	31-07-18 09:42	318.2544381	Other	NA	Electronic	0.74201	0.74224
AUDUSDmicro	31-07-18	11:32-13:30			0.74295	31-07-18 11:32	3182.544381	Other	NA	Electronic	0.74273	0.74293
AUDUSDmicro	31-07-18	13:30-13:32	0.74249	9356.680479								
AUDUSDmicro	31-07-18	15:30-15:32	0.74333	6396.914205								
AUDUSDmicro	01-08-18	09:30-09:32	0.74078	922.9378704								
AUDUSDmicro	01-08-18	11:32-13:30			0.74194	01-08-18 11:35	636.5088761	Other	NA	Electronic	0.74173	0.74194

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AUDUSDmicro	01-08-18	13:32-15:30			0.74076	01-08-18 13:33	6365.088761	Other	NA	Electronic	0.74076	0.74097
AUDUSDmicro	01-08-18	15:30-15:32	0.74008	910.2076928								
AUDUSDmicro	02-08-18	09:30-09:32	0.73639	2176.860356								
AUDUSDmicro	02-08-18	11:30-11:32	0.73677	8541.949117								
AUDUSDmicro	02-08-18	13:30-13:32	0.73716	190.9526628								
AUDUSDmicro	02-08-18	15:30-15:32	0.73765	636.5088761								
AUDUSDmicro	03-08-18	09:30-09:32	0.7361	38.19053257								
AUDUSDmicro	03-08-18	11:30-11:32	0.74013	7319.852075								
AUDUSDmicro	03-08-18	13:30-13:32	0.73818	9573.093497								
AUDUSDmicro	03-08-18	15:30-15:32	0.7411	623.7786986								
AUDUSDmicro	06-08-18	09:30-09:32	0.73981	1209.366865								
AUDUSDmicro	06-08-18	11:30-11:32	0.73824	6.365088761								
AUDUSDmicro	06-08-18	13:30-13:32	0.73816	190.9526628								
AUDUSDmicro	06-08-18	15:30-15:32	0.73925	1094.795267								
AUDUSDmicro	07-08-18	09:30-09:32	0.74312	1591.27219								

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AUDUSDmicro	07-08-18	11:32-13:30			0.74315	07-08-18 11:34	636.5088761	Other	NA	Electronic	0.74315	0.74336
AUDUSDmicro	07-08-18	13:30-13:32	0.74288	388.2704144								
AUDUSDmicro	07-08-18	15:30-15:32	0.74228	2985.226629								
AUDUSDmicro	08-08-18	09:32-11:30			0.74112	08-08-18 09:32	6.365088761	Other	NA	Electronic	0.74112	0.74133
AUDUSDmicro	08-08-18	11:32-13:30			0.74134	08-08-18 11:36	89.11124266	Other	NA	Electronic	0.74134	0.74153
AUDUSDmicro	08-08-18	13:30-13:32	0.74046	64542.00004								
AUDUSDmicro	08-08-18	15:32-17:30			0.74193	08-08-18 15:33	286.4289943	Other	NA	Electronic	0.74193	0.74215
AUDUSDmicro	09-08-18	09:30-09:32	0.74211	32461.95268								
AUDUSDmicro	09-08-18	11:30-11:32	0.74203	954.7633142								
AUDUSDmicro	09-08-18	13:30-13:32	0.74169	636.5088761								
AUDUSDmicro	09-08-18	15:30-15:32	0.73994	127.3017752								
AUDUSDmicro	10-08-18	09:30-09:32	0.73087	636.5088761								
AUDUSDmicro	10-08-18	11:30-11:32	0.73107	19948.18818								
AUDUSDmicro	10-08-18	13:30-13:32	0.72951	16001.83315								
AUDUSDmicro	10-08-18	15:30-15:32	0.73095	63.65088761								

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AUDUSDmicro	13-08-18	09:30-09:32	0.72711	700.1597637								
AUDUSDmicro	13-08-18	11:30-11:32	0.72691	795.6360951								
AUDUSDmicro	13-08-18	13:30-13:32	0.72867	63.65088761								
AUDUSDmicro	13-08-18	15:30-15:32	0.72737	13035.70178								
AUDUSDmicro	14-08-18	09:32-11:30			0.72591	14-08-18 09:34	12730.17752	Other	NA	Electronic	0.7259	0.72612
AUDUSDmicro	14-08-18	11:32-13:30			0.72618	14-08-18 11:33	3182.544381	Other	NA	Electronic	0.72618	0.72639
AUDUSDmicro	14-08-18	13:30-13:32	0.72576	954.7633142								
AUDUSDmicro	14-08-18	15:30-15:32	0.72446	6575.13669								
AUDUSDmicro	15-08-18	09:30-09:32	0.72302	2622.41657								
AUDUSDmicro	15-08-18	11:30-11:32	0.72138	12730.17752								
AUDUSDmicro	15-08-18	13:30-13:32	0.72284	1139.350888								
AUDUSDmicro	15-08-18	15:30-15:32	0.72224	1075.700001								
AUDUSDmicro	16-08-18	09:30-09:32	0.72667	1018.414202								
AUDUSDmicro	16-08-18	11:30-11:32	0.72696	318.2544381								
AUDUSDmicro	16-08-18	13:30-13:32	0.72723	1400.319527								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	16-08-18	15:32-17:30			0.72752	16-08-18 15:34	12.73017752	Other	NA	Electronic	0.72752	0.72773
AUDUSDmicro	17-08-18	09:32-11:30			0.72717	17-08-18 09:32	190.9526628	Other	NA	Electronic	0.72695	0.72717
AUDUSDmicro	17-08-18	11:32-13:30			0.72669	17-08-18 11:38	636.5088761	Other	NA	Electronic	0.72669	0.7269
AUDUSDmicro	17-08-18	13:30-13:32	0.72822	381.9053257								
AUDUSDmicro	17-08-18	15:30-15:32	0.72857	127.3017752								
AUDUSDmicro	20-08-18	09:32-11:30			0.73082	20-08-18 09:33	63.65088761	Other	NA	Electronic	0.73061	0.73082
AUDUSDmicro	20-08-18	11:32-13:30			0.73083	20-08-18 11:44	159.127219	Other	NA	Electronic	0.73063	0.73083
AUDUSDmicro	20-08-18	13:30-13:32	0.73118	95.47633142								
AUDUSDmicro	20-08-18	15:32-17:30			0.731	20-08-18 15:39	31.82544381	Other	NA	Electronic	0.73079	0.731
AUDUSDmicro	21-08-18	09:32-11:30			0.7354	21-08-18 09:32	2673.33728	Other	NA	Electronic	0.7354	0.73561
AUDUSDmicro	21-08-18	11:30-11:32	0.73599	318.2544381								
AUDUSDmicro	21-08-18	13:32-15:30			0.73515	21-08-18 13:32	9547.633142	Other	NA	Electronic	0.73494	0.73515
AUDUSDmicro	21-08-18	15:32-17:30			0.73483	21-08-18 15:32	12.73017752	Other	NA	Electronic	0.73483	0.73504
AUDUSDmicro	22-08-18	09:30-09:32	0.73503	286.4289943								
AUDUSDmicro	22-08-18	11:30-11:32	0.7362	1540.35148								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	22-08-18	13:30-13:32	0.73511	509.2071009								
AUDUSDmicro	22-08-18	15:30-15:32	0.73488	388.2704144								
AUDUSDmicro	23-08-18	09:30-09:32	0.72894	318.2544381								
AUDUSDmicro	23-08-18	11:30-11:32	0.72939	5098.436098								
AUDUSDmicro	23-08-18	13:30-13:32	0.72716	1546.716569								
AUDUSDmicro	23-08-18	15:30-15:32	0.72701	37426.72192								
AUDUSDmicro	24-08-18	09:30-09:32	0.72715	2227.781066								
AUDUSDmicro	24-08-18	11:30-11:32	0.72997	65057.57223								
AUDUSDmicro	24-08-18	13:30-13:32	0.73099	222.7781066								
AUDUSDmicro	24-08-18	15:30-15:32	0.73285	25.46035504								
AUDUSDmicro	27-08-18	09:32-11:30			0.73106	27-08-18 09:34	25.46035504	Other	NA	Electronic	0.73085	0.73106
AUDUSDmicro	27-08-18	11:30-11:32	0.73165	477.3816571								
AUDUSDmicro	27-08-18	13:30-13:32	0.733	585.588166								
AUDUSDmicro	27-08-18	15:32-17:30			0.73443	27-08-18 15:33	509.2071009	Other	NA	Electronic	0.73443	0.73464
AUDUSDmicro	28-08-18	09:30-09:32	0.73497	108.2065089								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	28-08-18	11:30-11:32	0.73447	1667.653255								
AUDUSDmicro	28-08-18	13:30-13:32	0.73585	700.1597637								
AUDUSDmicro	28-08-18	15:30-15:32	0.7349	2705.162723								
AUDUSDmicro	29-08-18	09:30-09:32	0.73061	31825.44381								
AUDUSDmicro	29-08-18	11:30-11:32	0.72986	4697.435506								
AUDUSDmicro	29-08-18	13:30-13:32	0.72947	318.2544381								
AUDUSDmicro	29-08-18	15:30-15:32	0.72934	254.6035504								
AUDUSDmicro	30-08-18	09:30-09:32	0.72927	267.333728								
AUDUSDmicro	30-08-18	11:32-13:30			0.72981	30-08-18 11:37	6.365088761	Other	NA	Electronic	0.72963	0.72981
AUDUSDmicro	30-08-18	13:30-13:32	0.72871	6778.819531								
AUDUSDmicro	30-08-18	15:30-15:32	0.72673	948.3982254								
AUDUSDmicro	31-08-18	09:30-09:32	0.7234	120.9366865								
AUDUSDmicro	31-08-18	11:30-11:32	0.72273	2641.511836								
AUDUSDmicro	31-08-18	13:30-13:32	0.72109	2380.543197								
AUDUSDmicro	31-08-18	15:30-15:32	0.72055	6040.469234								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	03-09-18	09:30-09:32	0.72105	31965.47576								
AUDUSDmicro	03-09-18	11:30-11:32	0.72083	120.9366865								
AUDUSDmicro	03-09-18	13:30-13:32	0.72207	235.5082842								
AUDUSDmicro	03-09-18	15:32-17:30			0.72142	03-09-18 15:37	1273.017752	Other	NA	Electronic	0.72142	0.72161
AUDUSDmicro	04-09-18	09:30-09:32	0.71734	1737.669232								
AUDUSDmicro	04-09-18	11:30-11:32	0.71804	2673.33728								
AUDUSDmicro	04-09-18	13:30-13:32	0.71756	954.7633142								
AUDUSDmicro	04-09-18	15:30-15:32	0.71748	197.3177516								
AUDUSDmicro	05-09-18	09:30-09:32	0.71678	1273.017752								
AUDUSDmicro	05-09-18	11:30-11:32	0.7176	63.65088761								
AUDUSDmicro	05-09-18	13:30-13:32	0.7186	35014.35328								
AUDUSDmicro	05-09-18	15:30-15:32	0.71861	1336.66864								
AUDUSDmicro	06-09-18	09:30-09:32	0.71966	14003.19527								
AUDUSDmicro	06-09-18	11:30-11:32	0.71971	1540.35148								
AUDUSDmicro	06-09-18	13:32-15:30			0.71935	06-09-18 13:32	63.65088761	Other	NA	Electronic	0.71917	0.71935

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	06-09-18	15:30-15:32	0.71975	2170.495268								
AUDUSDmicro	07-09-18	09:30-09:32	0.71565	127.3017752								
AUDUSDmicro	07-09-18	11:30-11:32	0.71635	63841.84027								
AUDUSDmicro	07-09-18	13:30-13:32	0.71432	14455.11658								
AUDUSDmicro	07-09-18	15:30-15:32	0.71342	7154.359768								
AUDUSDmicro	10-09-18	09:30-09:32	0.71255	413.7307695								
AUDUSDmicro	10-09-18	11:32-13:30			0.71206	10-09-18 11:32	318.2544381	Other	NA	Electronic	0.71206	0.71225
AUDUSDmicro	10-09-18	13:30-13:32	0.71252	190.9526628								
AUDUSDmicro	10-09-18	15:30-15:32	0.71207	2546.035504								
AUDUSDmicro	11-09-18	09:30-09:32	0.71065	967.4934917								
AUDUSDmicro	11-09-18	11:30-11:32	0.71013	477.3816571								
AUDUSDmicro	11-09-18	13:30-13:32	0.70879	8020.011839								
AUDUSDmicro	11-09-18	15:30-15:32	0.70985	1667.653255								
AUDUSDmicro	12-09-18	09:30-09:32	0.71166	1400.319527								
AUDUSDmicro	12-09-18	11:30-11:32	0.71141	1273.017752								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	12-09-18	13:30-13:32	0.71208	120.9366865								
AUDUSDmicro	12-09-18	15:30-15:32	0.71755	9764.04616								
AUDUSDmicro	13-09-18	09:30-09:32	0.71839	31.82544381								
AUDUSDmicro	13-09-18	11:30-11:32	0.7191	5830.421305								
AUDUSDmicro	13-09-18	13:30-13:32	0.72222	2355.082842								
AUDUSDmicro	13-09-18	15:30-15:32	0.719	25.46035504								
AUDUSDmicro	14-09-18	09:30-09:32	0.71992	2221.415978								
AUDUSDmicro	14-09-18	11:30-11:32	0.71915	10922.49231								
AUDUSDmicro	14-09-18	13:30-13:32	0.71774	10190.50711								
AUDUSDmicro	14-09-18	15:30-15:32	0.71804	63.65088761								
AUDUSDmicro	17-09-18	09:30-09:32	0.71702	649.2390536								
AUDUSDmicro	17-09-18	11:30-11:32	0.71725	649.2390536								
AUDUSDmicro	17-09-18	13:30-13:32	0.719	35377.16333								
AUDUSDmicro	17-09-18	15:30-15:32	0.718	10725.17456								
AUDUSDmicro	18-09-18	09:30-09:32	0.72104	26994.34144								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	18-09-18	11:30-11:32	0.71954	954.7633142								
AUDUSDmicro	18-09-18	13:30-13:32	0.72074	1508.526036								
AUDUSDmicro	18-09-18	15:30-15:32	0.72079	350.0798819								
AUDUSDmicro	19-09-18	09:30-09:32	0.72513	190.9526628								
AUDUSDmicro	19-09-18	11:30-11:32	0.72469	152.7621303								
AUDUSDmicro	19-09-18	13:30-13:32	0.7257	159.127219								
AUDUSDmicro	19-09-18	15:30-15:32	0.72681	3723.576925								
AUDUSDmicro	20-09-18	09:30-09:32	0.72653	528.3023672								
AUDUSDmicro	20-09-18	11:30-11:32	0.72771	16211.88107								
AUDUSDmicro	20-09-18	13:30-13:32	0.7284	3239.830179								
AUDUSDmicro	20-09-18	15:30-15:32	0.72737	13996.83019								
AUDUSDmicro	21-09-18	09:30-09:32	0.72908	171.8573966								
AUDUSDmicro	21-09-18	11:32-13:30			0.72849	21-09-18 11:35	63.65088761	Other	NA	Electronic	0.72849	0.72867
AUDUSDmicro	21-09-18	13:30-13:32	0.72666	45580.40062								
AUDUSDmicro	21-09-18	15:30-15:32	0.72803	31908.18996								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmicro	24-09-18	09:30-09:32	0.72755	763.8106513								
AUDUSDmicro	24-09-18	11:30-11:32	0.7272	636.5088761								
AUDUSDmicro	24-09-18	13:32-15:30			0.72745	24-09-18 13:32	1145.715977	Other	NA	Electronic	0.72745	0.72764
AUDUSDmicro	24-09-18	15:32-17:30			0.7261	24-09-18 15:34	318.2544381	Other	NA	Electronic	0.7261	0.72629
AUDUSDmicro	25-09-18	09:30-09:32	0.72417	1597.637279								
AUDUSDmicro	25-09-18	11:30-11:32	0.72492	76.38106513								
AUDUSDmicro	25-09-18	13:30-13:32	0.72587	280.0639055								
AUDUSDmicro	25-09-18	15:30-15:32	0.72542	5111.166275								
AUDUSDmicro	26-09-18	09:30-09:32	0.7256	636.5088761								
AUDUSDmicro	26-09-18	11:30-11:32	0.72549	140.0319527								
AUDUSDmicro	26-09-18	13:32-15:30			0.72459	26-09-18 13:34	445.5562133	Other	NA	Electronic	0.72459	0.72477
AUDUSDmicro	26-09-18	15:32-17:30			0.72552	26-09-18 15:32	381.9053257	Other	NA	Electronic	0.72552	0.72572
AUDUSDmicro	27-09-18	09:30-09:32	0.72297	725.6201188								
AUDUSDmicro	27-09-18	11:32-13:30			0.72311	27-09-18 11:32	6.365088761	Other	NA	Electronic	0.72293	0.72311
AUDUSDmicro	27-09-18	13:30-13:32	0.72177	4468.29231								

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AUDUSDmicro	27-09-18	15:30-15:32	0.72134	1012.049113								
AUDUSDmicro	28-09-18	09:30-09:32	0.72174	190.9526628								
AUDUSDmicro	28-09-18	11:32-13:30			0.72126	28-09-18 11:32	31.82544381	Other	NA	Electronic	0.72126	0.72144
AUDUSDmicro	28-09-18	13:32-15:30			0.72188	28-09-18 13:33	25.46035504	Other	NA	Electronic	0.72168	0.72188
AUDUSDmicro	28-09-18	15:30-15:32	0.72362	3188.909469								
AUDUSDmini	02-07-18	09:32-11:30			0.73643	02-07-18 10:07	254.6035504	Other	NA	Electronic	0.73624	0.73643
AUDUSDmini	02-07-18	11:32-13:30			0.73574	02-07-18 11:32	254.6035504	Other	NA	Electronic	0.73555	0.73574
AUDUSDmini	02-07-18	13:32-15:30			0.73348	02-07-18 14:57	254.6035504	Other	NA	Electronic	0.73327	0.73348
AUDUSDmini	02-07-18	15:32-17:30			0.73209	02-07-18 15:55	509.2071009	Other	NA	Electronic	0.73209	0.73229
AUDUSDmini	03-07-18	09:32-11:30			0.73971	03-07-18 10:15	509.2071009	Other	NA	Electronic	0.73949	0.7397
AUDUSDmini	05-07-18	09:32-11:30			0.7388	05-07-18 09:45	254.6035504	Other	NA	Electronic	0.73879	0.739
AUDUSDmini	05-07-18	11:32-13:30			0.73994	05-07-18 11:58	254.6035504	Other	NA	Electronic	0.73994	0.74013
AUDUSDmini	06-07-18	09:32-11:30			0.74128	06-07-18 09:33	254.6035504	Other	NA	Electronic	0.74108	0.74128
AUDUSDmini	06-07-18	11:32-13:30			0.74293	06-07-18 12:30	254.6035504	Other	NA	Electronic	0.74293	0.74332
AUDUSDmini	09-07-18	11:32-13:30			0.7483	09-07-18 12:05	445.5562133	Other	NA	Electronic	0.7481	0.7483



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AUDUSDmini	10-07-18	09:32-11:30			0.74321	10-07-18 11:01	254.6035504	Other	NA	Electronic	0.743	0.74321
AUDUSDmini	11-07-18	15:32-17:30			0.73776	11-07-18 17:15	381.9053257	Other	NA	Electronic	0.73758	0.7378
AUDUSDmini	12-07-18	15:32-17:30			0.7417	12-07-18 15:49	254.6035504	Other	NA	Electronic	0.7417	0.74191
AUDUSDmini	13-07-18	09:30-09:32	0.73759	509.2071009								
AUDUSDmini	13-07-18	13:32-15:30			0.73983	13-07-18 14:43	254.6035504	Other	NA	Electronic	0.73983	0.74004
AUDUSDmini	17-07-18	11:32-13:30			0.73971	17-07-18 12:52	254.6035504	Other	NA	Electronic	0.73949	0.73971
AUDUSDmini	17-07-18	15:32-17:30			0.73811	17-07-18 17:29	254.6035504	Other	NA	Electronic	0.73791	0.73811
AUDUSDmini	19-07-18	09:32-11:30			0.73527	19-07-18 10:00	509.2071009	Other	NA	Electronic	0.73527	0.73548
AUDUSDmini	19-07-18	11:30-11:32	0.73423	509.2071009								
AUDUSDmini	19-07-18	15:32-17:30			0.73681	19-07-18 17:19	254.6035504	Other	NA	Electronic	0.73681	0.73704
AUDUSDmini	20-07-18	11:32-13:30			0.73851	20-07-18 12:34	254.6035504	Other	NA	Electronic	0.73851	0.73871
AUDUSDmini	23-07-18	11:32-13:30			0.73851	23-07-18 13:13	254.6035504	Other	NA	Electronic	0.7383	0.73851
AUDUSDmini	24-07-18	09:32-11:30			0.73981	24-07-18 10:21	254.6035504	Other	NA	Electronic	0.73981	0.74003
AUDUSDmini	24-07-18	13:32-15:30			0.74252	24-07-18 14:01	254.6035504	Other	NA	Electronic	0.74252	0.74269
AUDUSDmini	26-07-18	09:32-11:30			0.74223	26-07-18 09:41	254.6035504	Other	NA	Electronic	0.74201	0.74223

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmini	26-07-18	11:32-13:30			0.74083	26-07-18 12:55	254.6035504	Other	NA	Electronic	0.74063	0.74083
AUDUSDmini	26-07-18	13:32-15:30			0.7395	26-07-18 14:04	254.6035504	Other	NA	Electronic	0.73932	0.73952
AUDUSDmini	31-07-18	11:32-13:30			0.74333	31-07-18 12:30	254.6035504	Other	NA	Electronic	0.74334	0.74356
AUDUSDmini	31-07-18	15:32-17:30			0.74396	31-07-18 15:52	254.6035504	Other	NA	Electronic	0.74395	0.74415
AUDUSDmini	03-08-18	11:30-11:32	0.74003	1400.319527								
AUDUSDmini	09-08-18	13:32-15:30			0.73976	09-08-18 14:58	254.6035504	Other	NA	Electronic	0.73954	0.73976
AUDUSDmini	09-08-18	15:32-17:30			0.73932	09-08-18 15:48	254.6035504	Other	NA	Electronic	0.73912	0.73932
AUDUSDmini	16-08-18	11:32-13:30			0.72628	16-08-18 13:00	254.6035504	Other	NA	Electronic	0.72628	0.7265
AUDUSDmini	21-08-18	15:32-17:30			0.73699	21-08-18 17:25	636.5088761	Other	NA	Electronic	0.73699	0.73721
AUDUSDmini	23-08-18	11:32-13:30			0.72817	23-08-18 12:51	381.9053257	Other	NA	Electronic	0.72796	0.72817
AUDUSDmini	23-08-18	15:32-17:30			0.72547	23-08-18 17:00	636.5088761	Other	NA	Electronic	0.72527	0.72547
AUDUSDmini	24-08-18	09:32-11:30			0.7299	24-08-18 11:17	254.6035504	Other	NA	Electronic	0.72991	0.7301
AUDUSDmini	24-08-18	11:32-13:30			0.73057	24-08-18 11:40	254.6035504	Other	NA	Electronic	0.73057	0.73079
AUDUSDmini	24-08-18	13:32-15:30			0.73329	24-08-18 14:01	254.6035504	Other	NA	Electronic	0.73329	0.73352
AUDUSDmini	27-08-18	13:32-15:30			0.73452	27-08-18 14:52	254.6035504	Other	NA	Electronic	0.73452	0.73472

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmini	28-08-18	11:32-13:30			0.73599	28-08-18 13:14	381.9053257	Other	NA	Electronic	0.73599	0.73619
AUDUSDmini	29-08-18	11:32-13:30			0.7292	29-08-18 12:30	254.6035504	Other	NA	Electronic	0.72897	0.7292
AUDUSDmini	30-08-18	13:32-15:30			0.72673	30-08-18 15:24	254.6035504	Other	NA	Electronic	0.72673	0.72692
AUDUSDmini	30-08-18	15:32-17:30			0.72652	30-08-18 15:39	381.9053257	Other	NA	Electronic	0.72633	0.72652
AUDUSDmini	31-08-18	11:32-13:30			0.72206	31-08-18 11:50	254.6035504	Other	NA	Electronic	0.72206	0.72226
AUDUSDmini	31-08-18	15:32-17:30			0.71817	31-08-18 16:29	1909.526628	Other	NA	Electronic	0.71796	0.71817
AUDUSDmini	05-09-18	13:32-15:30			0.71876	05-09-18 13:38	254.6035504	Other	NA	Electronic	0.71876	0.71895
AUDUSDmini	07-09-18	09:32-11:30			0.71676	07-09-18 11:02	254.6035504	Other	NA	Electronic	0.71676	0.71696
AUDUSDmini	07-09-18	11:32-13:30			0.71269	07-09-18 12:32	381.9053257	Other	NA	Electronic	0.71248	0.71269
AUDUSDmini	07-09-18	15:32-17:30			0.71229	07-09-18 16:09	254.6035504	Other	NA	Electronic	0.71212	0.71232
AUDUSDmini	12-09-18	13:32-15:30			0.71441	12-09-18 15:13	254.6035504	Other	NA	Electronic	0.71441	0.71461
AUDUSDmini	13-09-18	11:32-13:30			0.72045	13-09-18 12:31	381.9053257	Other	NA	Electronic	0.72045	0.72068
AUDUSDmini	14-09-18	15:32-17:30			0.71657	14-09-18 16:00	254.6035504	Other	NA	Electronic	0.71636	0.71657
AUDUSDmini	17-09-18	11:32-13:30			0.71852	17-09-18 12:56	254.6035504	Other	NA	Electronic	0.71852	0.71871
AUDUSDmini	19-09-18	09:32-11:30			0.72573	19-09-18 10:32	254.6035504	Other	NA	Electronic	0.72573	0.72592

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUDUSDmini	19-09-18	13:32-15:30			0.72705	19-09-18 15:05	636.5088761	Other	NA	Electronic	0.72705	0.72725
AUDUSDmini	27-09-18	11:32-13:30			0.72216	27-09-18 12:30	381.9053257	Other	NA	Electronic	0.72196	0.72216
AUDUSDmini	27-09-18	13:32-15:30			0.72106	27-09-18 15:14	254.6035504	Other	NA	Electronic	0.72106	0.72125
AUDUSDmini	28-09-18	13:32-15:30			0.72378	28-09-18 15:05	254.6035504	Other	NA	Electronic	0.7238	0.724
AUS200Cash	02-07-18	09:32-11:30			6,183.00	02-07-18 09:38	393.5534381	Other	NA	Electronic	6,183.00	6,188.00
AUS200Cash	02-07-18	13:32-15:30			6,190.00	02-07-18 13:59	1966.494173	Other	NA	Electronic	6,190.00	6,195.00
AUS200Cash	02-07-18	15:32-17:30			6,204.00	02-07-18 15:43	394.8901067	Other	NA	Electronic	6,199.00	6,204.00
AUS200Cash	03-07-18	09:32-11:30			6,228.00	03-07-18 10:06	1980.179114	Other	NA	Electronic	6,228.00	6,233.00
AUS200Cash	03-07-18	11:32-13:30			6,233.00	03-07-18 12:33	789.7802135	Other	NA	Electronic	6,233.00	6,238.00
AUS200Cash	03-07-18	13:32-15:30			6,228.00	03-07-18 13:49	3964.17728	Other	NA	Electronic	6,228.00	6,233.00
AUS200Cash	03-07-18	15:32-17:30			6,208.00	03-07-18 15:42	1975.723551	Other	NA	Electronic	6,208.00	6,213.00
AUS200Cash	04-07-18	09:32-11:30			6,187.00	04-07-18 09:33	1965.539409	Other	NA	Electronic	6,182.00	6,187.00
AUS200Cash	04-07-18	11:32-13:30			6,188.00	04-07-18 11:40	1969.040208	Other	NA	Electronic	6,188.00	6,193.00
AUS200Cash	04-07-18	13:32-15:30			6,188.00	04-07-18 13:58	1181.615078	Other	NA	Electronic	6,183.00	6,188.00
AUS200Cash	04-07-18	15:32-17:30			6,193.00	04-07-18 17:20	1181.615078	Other	NA	Electronic	6,193.00	6,198.00

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AUS200Cash	05-07-18	09:30-09:32	6,235.00	1984.316421								
AUS200Cash	05-07-18	11:32-13:30			6,238.00	05-07-18 11:42	395.3993138	Other	NA	Electronic	6,238.00	6,243.00
AUS200Cash	05-07-18	13:32-15:30			6,233.00	05-07-18 13:53	19836.79912	Other	NA	Electronic	6,233.00	6,238.00
AUS200Cash	05-07-18	15:32-17:30			6,233.00	05-07-18 15:34	764.8290655	Other	NA	Electronic	6,233.00	6,238.00
AUS200Cash	06-07-18	09:32-11:30			6,248.00	06-07-18 10:48	11961.2748	Other	NA	Electronic	6,243.00	6,248.00
AUS200Cash	06-07-18	11:32-13:30			6,248.00	06-07-18 12:23	397.6907458	Other	NA	Electronic	6,243.00	6,248.00
AUS200Cash	06-07-18	13:32-15:30			6,251.00	06-07-18 13:35	397.7543967	Other	NA	Electronic	6,251.00	6,256.00
AUS200Cash	06-07-18	15:32-17:30			6,276.00	06-07-18 15:32	796.0180005	Other	NA	Electronic	6,276.00	6,281.00
AUS200Cash	09-07-18	11:32-13:30			6,288.00	09-07-18 11:37	4004.913849	Other	NA	Electronic	6,283.00	6,288.00
AUS200Cash	09-07-18	13:32-15:30			6,295.00	09-07-18 14:37	400.6823375	Other	NA	Electronic	6,290.00	6,295.00
AUS200Cash	09-07-18	15:32-17:30			6,313.00	09-07-18 16:18	11968.91291	Other	NA	Electronic	6,308.00	6,313.00
AUS200Cash	10-07-18	09:32-11:30			6,279.00	10-07-18 10:22	399.6639233	Other	NA	Electronic	6,274.00	6,279.00
AUS200Cash	10-07-18	11:32-13:30			6,280.00	10-07-18 12:08	399.7275742	Other	NA	Electronic	6,275.00	6,280.00
AUS200Cash	10-07-18	15:32-17:30			6,283.00	10-07-18 16:04	399.6639233	Other	NA	Electronic	6,283.00	6,288.00
AUS200Cash	11-07-18	09:32-11:30			6,224.00	11-07-18 10:27	396.1631245	Other	NA	Electronic	6,219.00	6,224.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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AUS200Cash	11-07-18	11:32-13:30			6,227.00	11-07-18 11:45	3932.988346	Other	NA	Electronic	6,222.00	6,227.00
AUS200Cash	11-07-18	13:32-15:30			6,235.00	11-07-18 13:36	396.8632843	Other	NA	Electronic	6,230.00	6,235.00
AUS200Cash	11-07-18	15:30-15:32	6,220.00	9527.774065								
AUS200Cash	12-07-18	09:32-11:30			6,273.00	12-07-18 09:50	396.3540772	Other	NA	Electronic	6,273.00	6,278.00
AUS200Cash	12-07-18	11:32-13:30			6,283.00	12-07-18 11:38	3992.183671	Other	NA	Electronic	6,278.00	6,283.00
AUS200Cash	12-07-18	13:32-15:30			6,271.00	12-07-18 13:40	3991.547162	Other	NA	Electronic	6,271.00	6,276.00
AUS200Cash	12-07-18	15:32-17:30			6,281.00	12-07-18 16:42	1199.373675	Other	NA	Electronic	6,281.00	6,286.00
AUS200Cash	13-07-18	09:32-11:30			6,268.00	13-07-18 10:10	3999.185269	Other	NA	Electronic	6,263.00	6,268.00
AUS200Cash	16-07-18	09:32-11:30			6,236.00	16-07-18 10:17	1190.780805	Other	NA	Electronic	6,231.00	6,236.00
AUS200Cash	16-07-18	11:32-13:30			6,229.00	16-07-18 11:38	3964.813789	Other	NA	Electronic	6,224.00	6,229.00
AUS200Cash	16-07-18	13:32-15:30			6,230.00	16-07-18 14:01	19827.25149	Other	NA	Electronic	6,230.00	6,235.00
AUS200Cash	16-07-18	15:32-17:30			6,217.00	16-07-18 16:03	395.7175683	Other	NA	Electronic	6,217.00	6,222.00
AUS200Cash	17-07-18	09:32-11:30			6,202.00	17-07-18 10:26	4347.992133	Other	NA	Electronic	6,202.00	6,207.00
AUS200Cash	17-07-18	11:32-13:30			6,210.00	17-07-18 12:12	395.2720121	Other	NA	Electronic	6,205.00	6,210.00
AUS200Cash	17-07-18	13:32-15:30			6,224.00	17-07-18 14:29	3991.547162	Other	NA	Electronic	6,219.00	6,224.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUS200Cash	17-07-18	15:32-17:30			6,228.00	17-07-18 15:57	5946.265921	Other	NA	Electronic	6,228.00	6,233.00
AUS200Cash	18-07-18	09:32-11:30			6,243.00	18-07-18 09:45	397.7543967	Other	NA	Electronic	6,243.00	6,248.00
AUS200Cash	18-07-18	13:30-13:32	6,248.00	7953.814916								
AUS200Cash	18-07-18	15:30-15:32	6,257.00	398.2636038								
AUS200Cash	19-07-18	11:32-13:30			6,256.00	19-07-18 11:44	3981.999529	Other	NA	Electronic	6,256.00	6,261.00
AUS200Cash	19-07-18	13:32-15:30			6,263.00	19-07-18 14:49	398.6455091	Other	NA	Electronic	6,258.00	6,263.00
AUS200Cash	20-07-18	09:32-11:30			6,271.00	20-07-18 10:24	4004.27734	Other	NA	Electronic	6,266.00	6,271.00
AUS200Cash	20-07-18	11:32-13:30			6,281.00	20-07-18 11:59	15981.46486	Other	NA	Electronic	6,276.00	6,281.00
AUS200Cash	20-07-18	13:32-15:30			6,276.00	20-07-18 15:21	3981.999529	Other	NA	Electronic	6,271.00	6,276.00
AUS200Cash	20-07-18	15:32-17:30			6,265.00	20-07-18 16:07	3987.728109	Other	NA	Electronic	6,265.00	6,270.00
AUS200Cash	23-07-18	13:32-15:30			6,229.00	23-07-18 14:51	396.4813789	Other	NA	Electronic	6,229.00	6,234.00
AUS200Cash	23-07-18	15:32-17:30			6,239.00	23-07-18 16:39	3967.359825	Other	NA	Electronic	6,239.00	6,244.00
AUS200Cash	24-07-18	09:32-11:30			6,281.00	24-07-18 09:45	391.5166097	Other	NA	Electronic	6,276.00	6,281.00
AUS200Cash	24-07-18	11:32-13:30			6,283.00	24-07-18 12:15	3999.185269	Other	NA	Electronic	6,278.00	6,283.00
AUS200Cash	24-07-18	13:32-15:30			6,278.00	24-07-18 15:03	3996.002724	Other	NA	Electronic	6,278.00	6,283.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
AUS200Cash	24-07-18	15:32-17:30			6,276.00	24-07-18 15:37	399.4729707	Other	NA	Electronic	6,276.00	6,281.00
AUS200Cash	25-07-18	11:32-13:30			6,235.00	25-07-18 11:57	1991.318019	Other	NA	Electronic	6,235.00	6,240.00
AUS200Cash	25-07-18	13:32-15:30			6,243.00	25-07-18 15:27	1192.117474	Other	NA	Electronic	6,238.00	6,243.00
AUS200Cash	25-07-18	15:32-17:30			6,237.00	25-07-18 16:21	1192.117474	Other	NA	Electronic	6,237.00	6,242.00
AUS200Cash	26-07-18	09:32-11:30			6,262.00	26-07-18 10:34	3985.818582	Other	NA	Electronic	6,257.00	6,262.00
AUS200Cash	26-07-18	11:32-13:30			6,264.00	26-07-18 13:17	796.5272076	Other	NA	Electronic	6,264.00	6,269.00
AUS200Cash	26-07-18	13:32-15:30			6,269.00	26-07-18 13:57	11970.82243	Other	NA	Electronic	6,269.00	6,274.00
AUS200Cash	26-07-18	15:32-17:30			6,284.00	26-07-18 16:32	7999.643555	Other	NA	Electronic	6,284.00	6,289.00
AUS200Cash	27-07-18	09:32-11:30			6,316.00	27-07-18 10:27	3986.455091	Other	NA	Electronic	6,316.00	6,321.00
AUS200Cash	27-07-18	11:32-13:30			6,311.00	27-07-18 12:25	400.2367813	Other	NA	Electronic	6,311.00	6,316.00
AUS200Cash	27-07-18	13:32-15:30			6,306.00	27-07-18 13:59	2006.912486	Other	NA	Electronic	6,306.00	6,311.00
AUS200Cash	27-07-18	15:32-17:30			6,298.00	27-07-18 16:34	398.136302	Other	NA	Electronic	6,293.00	6,298.00
AUS200Cash	30-07-18	09:32-11:30			6,286.00	30-07-18 09:51	400.2367813	Other	NA	Electronic	6,281.00	6,286.00
AUS200Cash	30-07-18	13:32-15:30			6,295.00	30-07-18 14:29	4006.823375	Other	NA	Electronic	6,295.00	6,300.00
AUS200Cash	30-07-18	15:32-17:30			6,283.00	30-07-18 16:04	4002.367813	Other	NA	Electronic	6,283.00	6,288.00



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AUS200Cash	31-07-18	09:32-11:30			6,293.00	31-07-18 10:49	4003.640831	Other	NA	Electronic	6,293.00	6,298.00
AUS200Cash	31-07-18	11:32-13:30			6,291.00	31-07-18 12:43	4004.27734	Other	NA	Electronic	6,291.00	6,296.00
AUS200Cash	01-08-18	09:30-09:32	6,258.00	3983.272547								
AUS200Cash	01-08-18	11:32-13:30			6,262.00	01-08-18 11:41	3985.818582	Other	NA	Electronic	6,257.00	6,262.00
AUS200Cash	01-08-18	13:32-15:30			6,263.00	01-08-18 15:06	398.8364618	Other	NA	Electronic	6,258.00	6,263.00
AUS200Cash	01-08-18	15:32-17:30			6,250.00	01-08-18 16:04	3996.639233	Other	NA	Electronic	6,251.00	6,256.00
AUS200Cash	02-08-18	09:30-09:32	6,229.00	3978.180476								
AUS200Cash	02-08-18	11:32-13:30			6,240.00	02-08-18 11:58	3994.093198	Other	NA	Electronic	6,235.00	6,240.00
AUS200Cash	02-08-18	13:32-15:30			6,242.00	02-08-18 14:46	3973.088405	Other	NA	Electronic	6,242.00	6,247.00
AUS200Cash	02-08-18	15:30-15:32	6,248.00	3973.088405								
AUS200Cash	03-08-18	09:32-11:30			6,247.00	03-08-18 10:49	3971.815387	Other	NA	Electronic	6,247.00	6,252.00
AUS200Cash	03-08-18	11:32-13:30			6,256.00	03-08-18 11:33	792.8354561	Other	NA	Electronic	6,251.00	6,256.00
AUS200Cash	03-08-18	13:32-15:30			6,243.00	03-08-18 13:54	397.3724914	Other	NA	Electronic	6,238.00	6,243.00
AUS200Cash	03-08-18	15:32-17:30			6,249.00	03-08-18 15:41	397.7543967	Other	NA	Electronic	6,249.00	6,254.00
AUS200Cash	06-08-18	13:32-15:30			6,266.00	06-08-18 14:31	3981.36302	Other	NA	Electronic	6,266.00	6,271.00

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AUS200Cash	06-08-18	15:32-17:30			6,273.00	06-08-18 16:06	3989.637635	Other	NA	Electronic	6,273.00	6,278.00
AUS200Cash	07-08-18	09:32-11:30			6,263.00	07-08-18 09:42	19932.27546	Other	NA	Electronic	6,263.00	6,268.00
AUS200Cash	07-08-18	11:32-13:30			6,264.00	07-08-18 12:01	3987.0916	Other	NA	Electronic	6,264.00	6,269.00
AUS200Cash	07-08-18	13:30-13:32	6,270.00	3990.910653								
AUS200Cash	07-08-18	15:32-17:30			6,258.00	07-08-18 16:56	3990.910653	Other	NA	Electronic	6,253.00	6,258.00
AUS200Cash	08-08-18	09:32-11:30			6,267.00	08-08-18 09:59	398.9001127	Other	NA	Electronic	6,262.00	6,267.00
AUS200Cash	08-08-18	11:32-13:30			6,269.00	08-08-18 12:45	3990.274144	Other	NA	Electronic	6,264.00	6,269.00
AUS200Cash	08-08-18	13:32-15:30			6,269.00	08-08-18 13:43	3988.364618	Other	NA	Electronic	6,264.00	6,269.00
AUS200Cash	08-08-18	15:32-17:30			6,270.00	08-08-18 16:08	3988.364618	Other	NA	Electronic	6,265.00	6,270.00
AUS200Cash	09-08-18	09:32-11:30			6,295.00	09-08-18 10:42	400.6823375	Other	NA	Electronic	6,295.00	6,300.00
AUS200Cash	09-08-18	11:32-13:30			6,299.00	09-08-18 12:29	4009.369411	Other	NA	Electronic	6,299.00	6,304.00
AUS200Cash	10-08-18	11:32-13:30			6,279.00	10-08-18 12:50	3996.639233	Other	NA	Electronic	6,279.00	6,284.00
AUS200Cash	10-08-18	13:32-15:30			6,277.00	10-08-18 13:41	3996.639233	Other	NA	Electronic	6,272.00	6,277.00
AUS200Cash	10-08-18	15:30-15:32	6,271.00	7981.821306								
AUS200Cash	13-08-18	11:32-13:30			6,268.00	13-08-18 13:10	4001.731304	Other	NA	Electronic	6,268.00	6,273.00

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AUS200Cash	13-08-18	13:32-15:30			6,277.00	13-08-18 13:47	399.5366215	Other	NA	Electronic	6,272.00	6,277.00
AUS200Cash	14-08-18	09:32-11:30			6,290.00	14-08-18 11:24	3982.636038	Other	NA	Electronic	6,290.00	6,295.00
AUS200Cash	14-08-18	11:32-13:30			6,290.00	14-08-18 11:53	398.9001127	Other	NA	Electronic	6,290.00	6,295.00
AUS200Cash	14-08-18	13:32-15:30			6,287.00	14-08-18 13:52	8003.462608	Other	NA	Electronic	6,287.00	6,292.00
AUS200Cash	14-08-18	15:32-17:30			6,295.00	14-08-18 16:30	400.1094795	Other	NA	Electronic	6,290.00	6,295.00
AUS200Cash	15-08-18	09:32-11:30			6,304.00	15-08-18 10:46	401.2551955	Other	NA	Electronic	6,304.00	6,309.00
AUS200Cash	15-08-18	11:32-13:30			6,300.00	15-08-18 11:32	401.2551955	Other	NA	Electronic	6,295.00	6,300.00
AUS200Cash	15-08-18	13:32-15:30			6,272.00	15-08-18 13:57	3992.183671	Other	NA	Electronic	6,272.00	6,277.00
AUS200Cash	16-08-18	09:32-11:30			6,318.00	16-08-18 10:53	4025.282133	Other	NA	Electronic	6,318.00	6,323.00
AUS200Cash	16-08-18	11:32-13:30			6,324.00	16-08-18 11:54	402.5282133	Other	NA	Electronic	6,319.00	6,324.00
AUS200Cash	16-08-18	13:32-15:30			6,324.00	16-08-18 13:50	4025.282133	Other	NA	Electronic	6,324.00	6,329.00
AUS200Cash	16-08-18	15:32-17:30			6,328.00	16-08-18 15:42	402.7828168	Other	NA	Electronic	6,323.00	6,328.00
AUS200Cash	17-08-18	09:32-11:30			6,338.00	17-08-18 09:47	8068.386514	Other	NA	Electronic	6,338.00	6,343.00
AUS200Cash	17-08-18	11:32-13:30			6,342.00	17-08-18 11:52	402.5282133	Other	NA	Electronic	6,342.00	6,347.00
AUS200Cash	17-08-18	13:32-15:30			6,351.00	17-08-18 14:48	402.9101186	Other	NA	Electronic	6,346.00	6,351.00

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AUS200Cash	17-08-18	15:30-15:32	6,359.00	4047.559943								
AUS200Cash	20-08-18	09:32-11:30			6,352.00	20-08-18 10:34	4041.194854	Other	NA	Electronic	6,352.00	6,357.00
AUS200Cash	20-08-18	11:32-13:30			6,360.00	20-08-18 13:08	4043.74089	Other	NA	Electronic	6,355.00	6,360.00
AUS200Cash	20-08-18	13:32-15:30			6,358.00	20-08-18 13:35	404.6923434	Other	NA	Electronic	6,358.00	6,363.00
AUS200Cash	21-08-18	09:32-11:30			6,295.00	21-08-18 10:14	399.7275742	Other	NA	Electronic	6,295.00	6,300.00
AUS200Cash	21-08-18	13:32-15:30			6,295.00	21-08-18 15:14	400.6823375	Other	NA	Electronic	6,290.00	6,295.00
AUS200Cash	21-08-18	15:32-17:30			6,303.00	21-08-18 16:54	4011.915446	Other	NA	Electronic	6,298.00	6,303.00
AUS200Cash	22-08-18	09:32-11:30			6,276.00	22-08-18 10:43	3981.36302	Other	NA	Electronic	6,276.00	6,281.00
AUS200Cash	22-08-18	13:32-15:30			6,285.00	22-08-18 13:49	399.1547162	Other	NA	Electronic	6,285.00	6,290.00
AUS200Cash	23-08-18	09:32-11:30			6,261.00	23-08-18 10:10	398.5182073	Other	NA	Electronic	6,256.00	6,261.00
AUS200Cash	23-08-18	13:32-15:30			6,278.00	23-08-18 14:34	398.5182073	Other	NA	Electronic	6,278.00	6,283.00
AUS200Cash	23-08-18	15:32-17:30			6,273.00	23-08-18 15:37	399.282018	Other	NA	Electronic	6,273.00	6,278.00
AUS200Cash	24-08-18	15:32-17:30			6,253.00	24-08-18 16:05	398.0090002	Other	NA	Electronic	6,248.00	6,253.00
AUS200Cash	27-08-18	09:32-11:30			6,266.00	27-08-18 10:32	3988.364618	Other	NA	Electronic	6,261.00	6,266.00
AUS200Cash	27-08-18	11:32-13:30			6,266.00	27-08-18 12:50	3975.63444	Other	NA	Electronic	6,266.00	6,271.00

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AUS200Cash	27-08-18	13:32-15:30			6,267.00	27-08-18 14:03	3988.364618	Other	NA	Electronic	6,267.00	6,272.00
AUS200Cash	27-08-18	15:32-17:30			6,283.00	27-08-18 16:59	3994.729707	Other	NA	Electronic	6,283.00	6,288.00
AUS200Cash	28-08-18	11:32-13:30			6,312.00	28-08-18 11:55	400.8732902	Other	NA	Electronic	6,307.00	6,312.00
AUS200Cash	28-08-18	13:32-15:30			6,308.00	28-08-18 14:46	400.6823375	Other	NA	Electronic	6,308.00	6,313.00
AUS200Cash	29-08-18	09:32-11:30			6,342.00	29-08-18 10:00	1194.027001	Other	NA	Electronic	6,342.00	6,347.00
AUS200Cash	29-08-18	11:32-13:30			6,352.00	29-08-18 12:36	4043.104381	Other	NA	Electronic	6,352.00	6,357.00
AUS200Cash	29-08-18	13:32-15:30			6,357.00	29-08-18 13:50	15905.0838	Other	NA	Electronic	6,352.00	6,357.00
AUS200Cash	30-08-18	09:32-11:30			6,350.00	30-08-18 09:41	404.1831363	Other	NA	Electronic	6,345.00	6,350.00
AUS200Cash	30-08-18	11:32-13:30			6,344.00	30-08-18 12:06	4043.104381	Other	NA	Electronic	6,339.00	6,344.00
AUS200Cash	30-08-18	13:32-15:30			6,341.00	30-08-18 13:49	403.6102783	Other	NA	Electronic	6,341.00	6,346.00
AUS200Cash	30-08-18	15:32-17:30			6,363.00	30-08-18 17:25	4046.286925	Other	NA	Electronic	6,363.00	6,368.00
AUS200Cash	31-08-18	13:32-15:30			6,344.00	31-08-18 15:27	1211.021788	Other	NA	Electronic	6,339.00	6,344.00
AUS200Cash	03-09-18	09:32-11:30			6,316.00	03-09-18 10:23	1205.293208	Other	NA	Electronic	6,316.00	6,321.00
AUS200Cash	04-09-18	11:32-13:30			6,283.00	04-09-18 11:33	4038.648819	Other	NA	Electronic	6,283.00	6,288.00
AUS200Cash	04-09-18	13:32-15:30			6,267.00	04-09-18 13:41	807.7297638	Other	NA	Electronic	6,267.00	6,272.00

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AUS200Cash	05-09-18	11:32-13:30			6,229.00	05-09-18 12:43	3964.813789	Other	NA	Electronic	6,224.00	6,229.00
AUS200Cash	05-09-18	13:32-15:30			6,219.00	05-09-18 14:29	395.8448701	Other	NA	Electronic	6,214.00	6,219.00
AUS200Cash	05-09-18	15:32-17:30			6,198.00	05-09-18 15:36	4043.74089	Other	NA	Electronic	6,198.00	6,203.00
AUS200Cash	06-09-18	09:32-11:30			6,162.00	06-09-18 10:50	392.2167695	Other	NA	Electronic	6,157.00	6,162.00
AUS200Cash	06-09-18	13:32-15:30			6,149.00	06-09-18 14:13	12152.22746	Other	NA	Electronic	6,149.00	6,154.00
AUS200Cash	06-09-18	15:32-17:30			6,105.00	06-09-18 17:09	3885.886689	Other	NA	Electronic	6,105.00	6,110.00
AUS200Cash	07-09-18	11:32-13:30			6,101.00	07-09-18 13:03	389.9889884	Other	NA	Electronic	6,096.00	6,101.00
AUS200Cash	07-09-18	13:32-15:30			6,112.00	07-09-18 13:40	389.0342251	Other	NA	Electronic	6,107.00	6,112.00
AUS200Cash	10-09-18	09:32-11:30			6,145.00	10-09-18 09:45	3910.074026	Other	NA	Electronic	6,140.00	6,145.00
AUS200Cash	10-09-18	11:32-13:30			6,156.00	10-09-18 13:19	3918.348641	Other	NA	Electronic	6,151.00	6,156.00
AUS200Cash	10-09-18	13:32-15:30			6,141.00	10-09-18 13:59	390.8801008	Other	NA	Electronic	6,141.00	6,146.00
AUS200Cash	10-09-18	15:32-17:30			6,138.00	10-09-18 15:34	390.6891482	Other	NA	Electronic	6,133.00	6,138.00
AUS200Cash	11-09-18	09:32-11:30			6,147.00	11-09-18 09:39	389.0342251	Other	NA	Electronic	6,147.00	6,152.00
AUS200Cash	11-09-18	11:32-13:30			6,149.00	11-09-18 11:32	391.5166097	Other	NA	Electronic	6,144.00	6,149.00
AUS200Cash	11-09-18	13:32-15:30			6,160.00	11-09-18 14:29	784.1789354	Other	NA	Electronic	6,160.00	6,165.00

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AUS200Cash	12-09-18	15:32-17:30			6,158.00	12-09-18 17:04	15678.48664	Other	NA	Electronic	6,158.00	6,163.00
AUS200Cash	13-09-18	13:32-15:30			6,147.00	13-09-18 15:08	391.2620061	Other	NA	Electronic	6,142.00	6,147.00
AUS200Cash	13-09-18	15:32-17:30			6,153.00	13-09-18 16:03	1958.219557	Other	NA	Electronic	6,153.00	6,158.00
AUS200Cash	14-09-18	11:32-13:30			6,166.00	14-09-18 12:47	784.942746	Other	NA	Electronic	6,166.00	6,171.00
AUS200Cash	17-09-18	09:32-11:30			6,186.00	17-09-18 09:52	7874.887815	Other	NA	Electronic	6,181.00	6,186.00
AUS200Cash	17-09-18	11:32-13:30			6,186.00	17-09-18 11:35	7874.887815	Other	NA	Electronic	6,186.00	6,191.00
AUS200Cash	17-09-18	13:32-15:30			6,190.00	17-09-18 14:09	786.4703673	Other	NA	Electronic	6,190.00	6,195.00
AUS200Cash	18-09-18	09:32-11:30			6,163.00	18-09-18 09:48	393.044231	Other	NA	Electronic	6,163.00	6,168.00
AUS200Cash	18-09-18	11:32-13:30			6,176.00	18-09-18 12:32	392.7259766	Other	NA	Electronic	6,171.00	6,176.00
AUS200Cash	18-09-18	15:32-17:30			6,196.00	18-09-18 16:14	392.1531186	Other	NA	Electronic	6,191.00	6,196.00
AUS200Cash	19-09-18	11:32-13:30			6,170.00	19-09-18 13:07	392.7259766	Other	NA	Electronic	6,165.00	6,170.00
AUS200Cash	19-09-18	13:32-15:30			6,188.00	19-09-18 15:20	393.8716925	Other	NA	Electronic	6,188.00	6,193.00
AUS200Cash	20-09-18	11:32-13:30			6,186.00	20-09-18 13:25	3920.258168	Other	NA	Electronic	6,186.00	6,191.00
AUS200Cash	20-09-18	13:32-15:30			6,185.00	20-09-18 13:41	3936.807399	Other	NA	Electronic	6,185.00	6,190.00
AUS200Cash	20-09-18	15:32-17:30			6,185.00	20-09-18 16:09	3936.807399	Other	NA	Electronic	6,185.00	6,190.00

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AUS200Cash	21-09-18	11:32-13:30			6,196.00	21-09-18 11:40	788.7617993	Other	NA	Electronic	6,196.00	6,201.00
AUS200Cash	21-09-18	13:32-15:30			6,201.00	21-09-18 14:11	394.6991541	Other	NA	Electronic	6,201.00	6,206.00
AUS200Cash	21-09-18	15:32-17:30			6,196.00	21-09-18 16:36	19719.04498	Other	NA	Electronic	6,191.00	6,196.00
AUS200Cash	24-09-18	09:32-11:30			6,196.00	24-09-18 10:23	3936.17089	Other	NA	Electronic	6,196.00	6,201.00
AUS200Cash	24-09-18	11:32-13:30			6,194.00	24-09-18 12:12	394.2535979	Other	NA	Electronic	6,194.00	6,199.00
AUS200Cash	24-09-18	13:32-15:30			6,185.00	24-09-18 15:10	3936.807399	Other	NA	Electronic	6,180.00	6,185.00
AUS200Cash	24-09-18	15:30-15:32	6,190.80	1972.73196								
AUS200Cash	25-09-18	11:32-13:30			6,204.00	25-09-18 13:00	3948.901067	Other	NA	Electronic	6,204.00	6,209.00
AUS200Cash	25-09-18	13:32-15:30			6,197.00	25-09-18 15:18	1183.333652	Other	NA	Electronic	6,192.00	6,197.00
AUS200Cash	26-09-18	09:32-11:30			6,189.00	26-09-18 11:10	3939.353434	Other	NA	Electronic	6,184.00	6,189.00
AUS200Cash	26-09-18	11:32-13:30			6,180.00	26-09-18 11:50	3939.353434	Other	NA	Electronic	6,180.00	6,185.00
AUS200Cash	26-09-18	13:32-15:30			6,179.00	26-09-18 13:42	393.044231	Other	NA	Electronic	6,174.00	6,179.00
AUS200Cash	26-09-18	15:32-17:30			6,181.00	26-09-18 15:58	3938.080417	Other	NA	Electronic	6,181.00	6,186.00
AUS200Cash	27-09-18	09:32-11:30			6,188.00	27-09-18 10:39	3932.988346	Other	NA	Electronic	6,188.00	6,193.00
AUS200Cash	27-09-18	13:32-15:30			6,196.00	27-09-18 14:00	3941.262961	Other	NA	Electronic	6,196.00	6,201.00



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AUS200Cash	27-09-18	15:32-17:30			6,204.00	27-09-18 16:24	394.8901067	Other	NA	Electronic	6,204.00	6,209.00
AUS200Cash	28-09-18	09:32-11:30			6,187.00	28-09-18 10:05	3932.988346	Other	NA	Electronic	6,187.00	6,192.00
AUS200Cash	28-09-18	11:32-13:30			6,175.00	28-09-18 11:57	3930.44231	Other	NA	Electronic	6,170.00	6,175.00
AUS200Cash	28-09-18	15:32-17:30			6,178.00	28-09-18 15:34	3930.44231	Other	NA	Electronic	6,178.00	6,183.00
Autodesk	24-08-18	15:32-17:30			156.82	24-08-18 16:43	1379.122329	Other	NA	Electronic	156.82	157.19
Aviva	19-07-18	09:32-11:30			4.948	19-07-18 10:36	549.1493069	Other	NA	Electronic	4.948	4.957
Aviva	01-08-18	09:32-11:30			4.941	01-08-18 10:21	576.4513945	Other	NA	Electronic	4.941	4.951
Aviva	06-08-18	13:32-15:30			4.944	06-08-18 14:54	548.7053705	Other	NA	Electronic	4.933	4.944
AXA	04-07-18	09:32-11:30			21.097	04-07-18 10:55	210.97	Other	NA	Electronic	21.043	21.097
AXA	05-07-18	13:32-15:30			21.133	05-07-18 13:47	210.97	Other	NA	Electronic	21.133	21.182
AXA	20-07-18	11:32-13:30			20.523	20-07-18 12:55	209.92	Other	NA	Electronic	20.523	20.577
AXA	25-07-18	09:32-11:30			21.027	25-07-18 09:47	210.27	Other	NA	Electronic	20.978	21.027
AXA	27-07-18	11:32-13:30			21.198	27-07-18 12:44	211.72	Other	NA	Electronic	21.198	21.247
AXA	01-08-18	11:32-13:30			21.608	01-08-18 12:52	230.77	Other	NA	Electronic	21.608	21.662
AXA	07-08-18	09:32-11:30			22.087	07-08-18 11:24	220.87	Other	NA	Electronic	22.038	22.087

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AXA	08-08-18	09:32-11:30			22.202	08-08-18 10:57	222.02	Other	NA	Electronic	22.153	22.202
AXA	09-08-18	09:32-11:30			22.218	09-08-18 10:19	220.87	Other	NA	Electronic	22.218	22.272
AXA	10-08-18	11:32-13:30			21.748	10-08-18 12:48	222.02	Other	NA	Electronic	21.748	21.802
AXA	07-09-18	11:32-13:30			21.708	07-09-18 11:36	429.84	Other	NA	Electronic	21.708	21.762
Azimut	02-07-18	11:32-13:30			13.032	02-07-18 13:29	138.28	Other	NA	Electronic	13.032	13.078
Azimut	10-07-18	09:32-11:30			13.727	10-07-18 10:00	136.98	Other	NA	Electronic	13.727	13.778
Azimut	01-08-18	11:32-13:30			14.387	01-08-18 12:30	149.18	Other	NA	Electronic	14.387	14.443
Azimut	28-09-18	09:32-11:30			13.093	28-09-18 10:08	133.27	Other	NA	Electronic	13.052	13.093
Babcock	16-08-18	09:32-11:30			7.21	16-08-18 09:38	79.02067634	Other	NA	Electronic	7.21	7.24
BAESystems	19-07-18	13:32-15:30			6.754	19-07-18 14:33	642.0429952	Other	NA	Electronic	6.754	6.767
BAESystems	30-07-18	09:32-11:30			6.549	30-07-18 10:51	726.8348446	Other	NA	Electronic	6.538	6.549
BAESystems	01-08-18	09:32-11:30			6.371	01-08-18 11:04	707.0796755	Other	NA	Electronic	6.358	6.371
BAESystems	30-08-18	13:32-15:30			6.094	30-08-18 14:26	679.7775879	Other	NA	Electronic	6.094	6.107
BAESystems	20-09-18	13:32-15:30			6.268	20-09-18 14:08	705.7478663	Other	NA	Electronic	6.268	6.279
BAESystems	24-09-18	11:32-13:30			6.218	24-09-18 13:07	699.532757	Other	NA	Electronic	6.218	6.229

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Baidu	13-07-18	13:32-15:30			268.28	13-07-18 14:00	2359.335151	Other	NA	Electronic	267.61	268.28
Baidu	31-07-18	13:32-15:30			251.83	31-07-18 13:56	4429.337789	Other	NA	Electronic	251.28	251.83
Baidu	31-07-18	15:32-17:30			248.45	31-07-18 15:37	2184.944156	Other	NA	Electronic	247.82	248.45
Baidu	01-08-18	15:32-17:30			229.58	01-08-18 16:22	2018.995691	Other	NA	Electronic	228.65	229.58
Baidu	07-08-18	13:32-15:30			225.66	07-08-18 13:45	3969.044059	Other	NA	Electronic	225.07	225.66
Baidu	08-08-18	15:32-17:30			222.67	08-08-18 17:16	3916.454138	Other	NA	Electronic	222.19	222.67
Baidu	09-08-18	13:32-15:30			220.69	09-08-18 14:16	1940.814352	Other	NA	Electronic	220.18	220.69
Baidu	14-09-18	15:32-17:30			220.05	14-09-18 16:34	19351.85999	Other	NA	Electronic	220.05	220.74
Baidu	25-09-18	13:32-15:30			225.42	25-09-18 14:34	1982.411397	Other	NA	Electronic	224.78	225.42
Baidu	27-09-18	13:32-15:30			227.05	27-09-18 14:15	1982.411397	Other	NA	Electronic	227.05	227.71
Baidu	28-09-18	13:32-15:30			227.92	28-09-18 14:05	41979.68516	Other	NA	Electronic	227.92	228.49
BAM	14-09-18	11:32-13:30			3.33	14-09-18 13:14	66.6	Other	NA	Electronic	3.29	3.33
BAM	19-09-18	13:32-15:30			3.34	19-09-18 13:37	33.4	Other	NA	Electronic	3.31	3.34
BAM	25-09-18	11:32-13:30			3.38	25-09-18 12:43	33.8	Other	NA	Electronic	3.35	3.38
BAM	27-09-18	13:32-15:30			3.4	27-09-18 14:53	102	Other	NA	Electronic	3.37	3.4

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Banca Mediolanum	20-09-18	09:32-11:30			6.257	20-09-18 09:50	62.57	Other	NA	Electronic	6.233	6.257
Banca Mediolanum	20-09-18	11:32-13:30			6.218	20-09-18 11:57	62.57	Other	NA	Electronic	6.218	6.242
Banca Mediolanum	28-09-18	09:32-11:30			6.048	28-09-18 09:34	60.48	Other	NA	Electronic	6.048	6.072
Banco BPM	02-07-18	09:32-11:30			2.5	02-07-18 10:23	500	Other	NA	Electronic	2.49	2.5
Banco BPM	02-07-18	13:32-15:30			2.507	02-07-18 13:40	500.4	Other	NA	Electronic	2.507	2.516
Banco BPM	03-07-18	13:32-15:30			2.583	03-07-18 14:14	51.66	Other	NA	Electronic	2.583	2.593
Banco BPM	05-07-18	11:32-13:30			2.664	05-07-18 12:27	22.78	Other	NA	Electronic	2.656	2.664
Banco BPM	11-07-18	09:32-11:30			2.627	11-07-18 10:00	26.27	Other	NA	Electronic	2.619	2.627
Banco BPM	11-07-18	11:32-13:30			2.639	11-07-18 12:22	26.27	Other	NA	Electronic	2.639	2.647
Banco BPM	11-07-18	13:32-15:30			2.641	11-07-18 13:33	26.29	Other	NA	Electronic	2.632	2.641
Banco BPM	13-07-18	11:32-13:30			2.677	13-07-18 13:19	26.77	Other	NA	Electronic	2.677	2.685
Banco BPM	16-07-18	09:32-11:30			2.679	16-07-18 10:21	26.79	Other	NA	Electronic	2.679	2.688
Banco BPM	17-07-18	11:32-13:30			2.642	17-07-18 12:56	26.42	Other	NA	Electronic	2.634	2.642
Banco BPM	17-07-18	13:32-15:30			2.668	17-07-18 14:15	26.42	Other	NA	Electronic	2.668	2.676
Banco BPM	19-07-18	13:32-15:30			2.612	19-07-18 14:18	26.12	Other	NA	Electronic	2.612	2.62

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Banco BPM	25-07-18	13:32-15:30			2.621	25-07-18 15:09	26.21	Other	NA	Electronic	2.621	2.629
Banco BPM	26-07-18	11:32-13:30			2.647	26-07-18 11:43	26.47	Other	NA	Electronic	2.647	2.658
Banco BPM	30-07-18	13:32-15:30			2.674	30-07-18 14:06	26.57	Other	NA	Electronic	2.674	2.681
Banco BPM	31-07-18	11:30-11:32	2.7295	53.99								
Banco BPM	01-08-18	11:32-13:30			2.686	01-08-18 12:31	21.63	Other	NA	Electronic	2.679	2.686
Banco BPM	06-08-18	13:32-15:30			2.34	06-08-18 13:57	1053	Other	NA	Electronic	2.34	2.349
Banco BPM	07-08-18	13:32-15:30			2.355	07-08-18 14:55	235	Other	NA	Electronic	2.355	2.362
Banco BPM	17-08-18	11:32-13:30			2.029	17-08-18 12:08	20.29	Other	NA	Electronic	2.021	2.029
Banco BPM	17-08-18	13:32-15:30			2.048	17-08-18 13:47	20.48	Other	NA	Electronic	2.04	2.048
Banco BPM	21-08-18	09:32-11:30			2.08	21-08-18 09:33	20.48	Other	NA	Electronic	2.08	2.09
Banco BPM	24-08-18	11:32-13:30			2.063	24-08-18 12:33	412.6	Other	NA	Electronic	2.056	2.063
Banco BPM	24-08-18	13:32-15:30			2.054	24-08-18 13:47	205.4	Other	NA	Electronic	2.046	2.054
Banco BPM	27-08-18	13:32-15:30			2.06	27-08-18 13:52	205.4	Other	NA	Electronic	2.06	2.068
Banco BPM	30-08-18	11:32-13:30			2.016	30-08-18 13:16	201.6	Other	NA	Electronic	2.009	2.016
Banco BPM	31-08-18	13:32-15:30			1.948	31-08-18 14:51	412.6	Other	NA	Electronic	1.948	1.956

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Banco BPM	04-09-18	09:32-11:30			2.003	04-09-18 09:41	200.3	Other	NA	Electronic	1.994	2.003
Banco BPM	04-09-18	11:32-13:30			1.981	04-09-18 12:06	158.16	Other	NA	Electronic	1.981	1.99
Banco BPM	04-09-18	13:32-15:30			1.974	04-09-18 13:49	197.4	Other	NA	Electronic	1.966	1.974
Banco BPM	12-09-18	13:32-15:30			2.196	12-09-18 15:18	21.91	Other	NA	Electronic	2.196	2.204
Banco BPM	13-09-18	11:32-13:30			2.226	13-09-18 12:20	222.6	Other	NA	Electronic	2.219	2.226
Banco BPM	13-09-18	13:30-13:32	2.24	222.6								
Banco BPM	17-09-18	09:32-11:30			2.306	17-09-18 11:17	23.06	Other	NA	Electronic	2.297	2.306
Banco BPM	17-09-18	13:32-15:30			2.311	17-09-18 13:35	521.87	Other	NA	Electronic	2.311	2.32
Banco BPM	20-09-18	09:32-11:30			2.342	20-09-18 09:39	538.66	Other	NA	Electronic	2.335	2.342
Banco BPM	27-09-18	11:32-13:30			2.308	27-09-18 12:37	230.8	Other	NA	Electronic	2.3	2.308
Banco BPM	27-09-18	13:32-15:30			2.336	27-09-18 15:24	567	Other	NA	Electronic	2.336	2.344
Banco BPM	28-09-18	11:32-13:30			2.111	28-09-18 11:56	21.62	Other	NA	Electronic	2.104	2.111
Banco Comercial	03-07-18	09:32-11:30			0.2557	03-07-18 10:45	2.557	Other	NA	Electronic	0.2543	0.2557
Banco Comercial	03-07-18	11:32-13:30			0.2539	03-07-18 11:59	2.557	Other	NA	Electronic	0.2539	0.2553
Banco Comercial	04-07-18	09:32-11:30			0.2544	04-07-18 09:48	10.176	Other	NA	Electronic	0.2529	0.2544

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Banco Comercial	04-07-18	13:32-15:30			0.2557	04-07-18 14:31	10.176	Other	NA	Electronic	0.2557	0.2568
Banco Comercial	05-07-18	13:32-15:30			0.2616	05-07-18 13:40	2.601	Other	NA	Electronic	0.2602	0.2616
Banco Comercial	06-07-18	13:32-15:30			0.2568	06-07-18 13:49	17.976	Other	NA	Electronic	0.2568	0.2581
Banco Comercial	11-07-18	09:32-11:30			0.2566	11-07-18 10:30	5.132	Other	NA	Electronic	0.2553	0.2566
Banco Comercial	12-07-18	09:32-11:30			0.2596	12-07-18 10:47	5.132	Other	NA	Electronic	0.2596	0.2612
Banco Comercial	18-07-18	13:32-15:30			0.2619	18-07-18 13:44	2.619	Other	NA	Electronic	0.2603	0.2619
Banco Comercial	24-07-18	09:32-11:30			0.2652	24-07-18 09:45	1995.78	Other	NA	Electronic	0.2652	0.2673
Banco Comercial	24-07-18	11:32-13:30			0.2682	24-07-18 12:31	8.046	Other	NA	Electronic	0.2657	0.2682
Banco Comercial	25-07-18	11:32-13:30			0.2674	25-07-18 12:53	2.674	Other	NA	Electronic	0.2657	0.2674
Banco Comercial	25-07-18	13:32-15:30			0.2678	25-07-18 13:57	2.678	Other	NA	Electronic	0.2663	0.2678
Banco Comercial	26-07-18	09:30-09:32	0.2671	2.674								
Banco Comercial	01-08-18	11:32-13:30			0.2685	01-08-18 12:31	28.3	Other	NA	Electronic	0.2685	0.27
Banco Comercial	01-08-18	13:32-15:30			0.2693	01-08-18 15:15	13.465	Other	NA	Electronic	0.2679	0.2693
Banco Comercial	03-08-18	09:32-11:30			0.262	03-08-18 10:55	13.1	Other	NA	Electronic	0.262	0.2635
Banco Comercial	06-08-18	11:32-13:30			0.2607	06-08-18 11:59	2.607	Other	NA	Electronic	0.258	0.2607

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Banco Comercial	06-08-18	13:32-15:30			0.2597	06-08-18 13:37	2.607	Other	NA	Electronic	0.2597	0.2609
Banco Comercial	14-08-18	11:32-13:30			0.2598	14-08-18 11:53	13.1	Other	NA	Electronic	0.2585	0.2598
Banco Comercial	16-08-18	09:32-11:30			0.2575	16-08-18 11:14	2.575	Other	NA	Electronic	0.2562	0.2575
Banco Comercial	16-08-18	11:32-13:30			0.2558	16-08-18 12:00	2.574	Other	NA	Electronic	0.2558	0.2568
Banco Comercial	24-08-18	11:32-13:30			0.2566	24-08-18 13:08	2.566	Other	NA	Electronic	0.2554	0.2566
Banco Comercial	17-09-18	09:32-11:30			0.2407	17-09-18 11:12	2.407	Other	NA	Electronic	0.2397	0.2407
Banco Comercial	17-09-18	11:32-13:30			0.2414	17-09-18 12:03	2.407	Other	NA	Electronic	0.2414	0.2429
Banco Comercial	20-09-18	13:32-15:30			0.2566	20-09-18 13:42	24.06	Other	NA	Electronic	0.2566	0.258
Banco Comercial	24-09-18	13:32-15:30			0.2541	24-09-18 13:36	7.446	Other	NA	Electronic	0.2526	0.2541
Banco Comercial	25-09-18	09:32-11:30			0.2593	25-09-18 11:18	25.93	Other	NA	Electronic	0.2581	0.2593
Banco Comercial	25-09-18	11:32-13:30			0.256	25-09-18 11:41	25.91	Other	NA	Electronic	0.256	0.2615
Banco Comercial	26-09-18	09:32-11:30			0.2612	26-09-18 09:39	2.546	Other	NA	Electronic	0.2597	0.2612
Banco Comercial	28-09-18	09:32-11:30			0.2587	28-09-18 10:17	7.578	Other	NA	Electronic	0.257	0.2587
Banco de Sabadell	04-07-18	11:30-11:32	1.44	288								
Banco de Sabadell	04-07-18	13:32-15:30			1.436	04-07-18 14:22	1003.1	Other	NA	Electronic	1.436	1.44



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Banco de Sabadell	09-07-18	09:32-11:30			1.491	09-07-18 11:06	44.55	Other	NA	Electronic	1.487	1.491
Banco de Sabadell	09-07-18	13:32-15:30			1.492	09-07-18 14:41	1496	Other	NA	Electronic	1.492	1.496
Banco de Sabadell	10-07-18	11:32-13:30			1.469	10-07-18 12:29	29.86	Other	NA	Electronic	1.469	1.473
Banco de Sabadell	12-07-18	13:32-15:30			1.419	12-07-18 13:56	70.85	Other	NA	Electronic	1.419	1.423
Banco de Sabadell	16-07-18	09:32-11:30			1.42	16-07-18 09:43	71	Other	NA	Electronic	1.416	1.42
Banco de Sabadell	31-07-18	09:32-11:30			1.428	31-07-18 10:45	71	Other	NA	Electronic	1.428	1.432
Banco de Sabadell	01-08-18	09:32-11:30			1.426	01-08-18 11:03	299.46	Other	NA	Electronic	1.422	1.426
Banco de Sabadell	01-08-18	11:32-13:30			1.428	01-08-18 12:52	14.93	Other	NA	Electronic	1.428	1.432
Banco de Sabadell	20-09-18	09:32-11:30			1.454	20-09-18 09:36	14.54	Other	NA	Electronic	1.449	1.454
Banco de Sabadell	21-09-18	09:32-11:30			1.455	21-09-18 11:29	29.1	Other	NA	Electronic	1.455	1.46
Bankia	03-07-18	09:32-11:30			3.233	03-07-18 10:01	1002.23	Other	NA	Electronic	3.223	3.233
Bankia	04-07-18	13:32-15:30			3.263	04-07-18 14:45	3240.08	Other	NA	Electronic	3.263	3.272
Bankia	05-07-18	09:32-11:30			3.359	05-07-18 09:36	2048.99	Other	NA	Electronic	3.359	3.368
Bankia	05-07-18	11:32-13:30			3.364	05-07-18 13:01	370.04	Other	NA	Electronic	3.364	3.373
Bankia	05-07-18	13:32-15:30			3.344	05-07-18 13:39	1036.64	Other	NA	Electronic	3.344	3.353

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Bankia	06-07-18	13:32-15:30			3.295	06-07-18 15:07	3379.46	Other	NA	Electronic	3.286	3.295
Bankia	09-07-18	09:32-11:30			3.333	09-07-18 10:25	99.99	Other	NA	Electronic	3.333	3.342
Bankia	10-07-18	11:32-13:30			3.291	10-07-18 12:28	33.48	Other	NA	Electronic	3.291	3.299
Bankia	10-07-18	13:32-15:30			3.28	10-07-18 14:56	16776.64	Other	NA	Electronic	3.271	3.28
Bankia	11-07-18	13:32-15:30			3.21	11-07-18 14:05	1029.51	Other	NA	Electronic	3.201	3.21
Bankia	12-07-18	09:32-11:30			3.172	12-07-18 11:09	95.16	Other	NA	Electronic	3.172	3.18
Bankia	16-07-18	09:32-11:30			3.17	16-07-18 09:43	412.1	Other	NA	Electronic	3.162	3.17
Bankia	17-07-18	09:32-11:30			3.095	17-07-18 09:58	95.16	Other	NA	Electronic	3.086	3.095
Bankia	17-07-18	11:32-13:30			3.078	17-07-18 11:33	6594.81	Other	NA	Electronic	3.078	3.087
Bankia	19-07-18	11:32-13:30			3.074	19-07-18 12:36	412.1	Other	NA	Electronic	3.074	3.083
Bankia	26-07-18	09:32-11:30			3.251	26-07-18 10:29	65.02	Other	NA	Electronic	3.242	3.251
Bankia	27-07-18	09:32-11:30			3.269	27-07-18 09:51	65.02	Other	NA	Electronic	3.269	3.278
Bankia	27-07-18	13:32-15:30			3.261	27-07-18 14:18	32.65	Other	NA	Electronic	3.252	3.261
Bankia	01-08-18	09:32-11:30			3.378	01-08-18 11:03	31.98	Other	NA	Electronic	3.378	3.387
Bankia	01-08-18	11:32-13:30			3.376	01-08-18 12:53	639.6	Other	NA	Electronic	3.376	3.384

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Bankia	02-08-18	09:32-11:30			3.315	02-08-18 09:58	101.25	Other	NA	Electronic	3.306	3.315
Bankia	06-08-18	09:32-11:30			3.302	06-08-18 09:57	165	Other	NA	Electronic	3.302	3.311
Bankia	23-08-18	11:32-13:30			3.251	23-08-18 13:20	32.51	Other	NA	Electronic	3.242	3.251
Bankia	30-08-18	13:32-15:30			3.306	30-08-18 14:13	66.12	Other	NA	Electronic	3.306	3.314
Bankia	03-09-18	13:32-15:30			3.275	03-09-18 15:03	66.12	Other	NA	Electronic	3.267	3.275
Bankia	04-09-18	13:32-15:30			3.305	04-09-18 14:52	33.05	Other	NA	Electronic	3.305	3.314
Bankia	05-09-18	13:32-15:30			3.406	05-09-18 14:31	34.06	Other	NA	Electronic	3.397	3.406
Bankia	19-09-18	13:32-15:30			3.521	19-09-18 13:34	34.06	Other	NA	Electronic	3.521	3.53
Bankinter	27-08-18	13:32-15:30			7.792	27-08-18 14:53	76.45	Other	NA	Electronic	7.792	7.811
Barclays	02-07-18	11:32-13:30			1.8673	02-07-18 12:30	207.2406024	Other	NA	Electronic	1.8638	1.8673
Barclays	04-07-18	09:32-11:30			1.8569	04-07-18 10:49	205.2983807	Other	NA	Electronic	1.8532	1.8569
Barclays	13-07-18	11:32-13:30			1.9052	13-07-18 13:00	206.9742406	Other	NA	Electronic	1.9052	1.9089
Barclays	17-07-18	09:32-11:30			1.9027	17-07-18 09:56	211.1694394	Other	NA	Electronic	1.8992	1.9027
Barclays	23-07-18	11:30-11:32	1.8607	417.955007								
Barclays	26-07-18	13:32-15:30			1.8924	26-07-18 15:00	206.5081074	Other	NA	Electronic	1.8924	1.8961

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Barclays	31-07-18	13:32-15:30			1.9454	31-07-18 15:17	209.016348	Other	NA	Electronic	1.9454	1.9491
Barclays	01-08-18	09:32-11:30			1.9175	01-08-18 10:30	212.812004	Other	NA	Electronic	1.9136	1.9175
Barclays	02-08-18	13:32-15:30			1.8602	02-08-18 14:37	212.812004	Other	NA	Electronic	1.8602	1.8641
Barclays	14-08-18	09:32-11:30			1.8446	14-08-18 09:45	205.7978092	Other	NA	Electronic	1.8446	1.8485
Barclays	05-09-18	13:32-15:30			1.7827	05-09-18 14:35	197.8513479	Other	NA	Electronic	1.7792	1.7827
Barclays	12-09-18	13:32-15:30			1.7198	12-09-18 14:40	197.8513479	Other	NA	Electronic	1.7198	1.7235
Barclays	27-09-18	09:32-11:30			1.7598	27-09-18 09:43	195.3098121	Other	NA	Electronic	1.7598	1.7637
Barclays	28-09-18	09:32-11:30			1.7199	28-09-18 11:25	195.3098121	Other	NA	Electronic	1.7164	1.7199
Barratt	02-07-18	11:32-13:30			5.04	02-07-18 12:18	559.3598437	Other	NA	Electronic	5.03	5.04
Barratt	10-07-18	11:32-13:30			4.807	10-07-18 12:32	533.5005494	Other	NA	Electronic	4.797	4.807
Barratt	10-07-18	13:32-15:30			4.814	10-07-18 15:07	534.277438	Other	NA	Electronic	4.814	4.824
Barratt	11-07-18	09:32-11:30			4.945	11-07-18 09:38	534.277438	Other	NA	Electronic	4.933	4.945
Barratt	12-07-18	13:32-15:30			5.102	12-07-18 14:06	559.3598437	Other	NA	Electronic	5.102	5.114
Barratt	13-07-18	09:32-11:30			5.186	13-07-18 11:03	575.5635217	Other	NA	Electronic	5.186	5.198
Barratt	16-07-18	09:32-11:30			5.168	16-07-18 09:38	573.565808	Other	NA	Electronic	5.168	5.18

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Barratt	18-07-18	11:32-13:30			5.292	18-07-18 13:26	573.565808	Other	NA	Electronic	5.282	5.292
Barratt	20-07-18	11:32-13:30			5.284	20-07-18 12:47	585.5520904	Other	NA	Electronic	5.284	5.294
Barratt	03-08-18	09:32-11:30			5.274	03-08-18 10:15	589.9914542	Other	NA	Electronic	5.262	5.274
Barratt	07-08-18	13:32-15:30			5.414	07-08-18 15:08	575.5635217	Other	NA	Electronic	5.402	5.414
Barratt	10-08-18	13:32-15:30			5.408	10-08-18 13:59	600.2019911	Other	NA	Electronic	5.408	5.418
Barratt	16-08-18	13:32-15:30			5.32	16-08-18 13:37	590.4353906	Other	NA	Electronic	5.32	5.332
Barratt	29-08-18	13:32-15:30			5.416	29-08-18 14:57	600.2019911	Other	NA	Electronic	5.406	5.416
Barratt	07-09-18	09:32-11:30			5.49	07-09-18 10:53	1207.506964	Other	NA	Electronic	5.474	5.49
BASFAG	04-07-18	11:32-13:30			80.7	04-07-18 12:41	1627.4	Other	NA	Electronic	80.7	80.89
BASFAG	11-07-18	09:32-11:30			81.12	11-07-18 10:51	2433.6	Other	NA	Electronic	80.94	81.12
BASFAG	01-08-18	13:32-15:30			82.37	01-08-18 13:35	1649	Other	NA	Electronic	82.37	82.55
BASFAG	10-09-18	13:32-15:30			76.56	10-09-18 15:11	765.6	Other	NA	Electronic	76.38	76.56
BASFAG	26-09-18	11:32-13:30			78.29	26-09-18 12:19	1565.8	Other	NA	Electronic	78.1	78.29
BASFAG	28-09-18	09:32-11:30			76.09	28-09-18 10:38	2282.7	Other	NA	Electronic	75.9	76.09
BATobacco	17-07-18	09:32-11:30			38.136	17-07-18 10:53	423.2489484	Other	NA	Electronic	38.065	38.136

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BATobacco	17-07-18	11:32-13:30			38.15	17-07-18 11:37	423.2489484	Other	NA	Electronic	38.15	38.216
BATobacco	24-09-18	09:32-11:30			35.601	24-09-18 10:31	395.1144801	Other	NA	Electronic	35.525	35.601
BayerAG	02-07-18	11:32-13:30			94.53	02-07-18 12:36	937.2	Other	NA	Electronic	94.53	94.73
BayerAG	04-07-18	09:32-11:30			94.78	04-07-18 10:53	947.8	Other	NA	Electronic	94.57	94.78
BayerAG	09-07-18	13:32-15:30			94.21	09-07-18 15:12	1878	Other	NA	Electronic	94.01	94.21
BayerAG	10-07-18	09:32-11:30			95.22	10-07-18 10:41	952.2	Other	NA	Electronic	95.02	95.22
BayerAG	10-07-18	13:32-15:30			95.08	10-07-18 13:40	947.8	Other	NA	Electronic	95.08	95.29
BayerAG	12-07-18	11:32-13:30			92.61	12-07-18 13:02	936.6	Other	NA	Electronic	92.41	92.61
BayerAG	16-07-18	13:30-13:32	93.8	1876								
BayerAG	17-07-18	11:32-13:30			92.41	17-07-18 11:58	933.7	Other	NA	Electronic	92.2	92.41
BayerAG	19-07-18	09:32-11:30			92.4	19-07-18 10:53	924	Other	NA	Electronic	92.4	92.61
BayerAG	19-07-18	11:32-13:30			92.38	19-07-18 11:49	924	Other	NA	Electronic	92.18	92.38
BayerAG	20-07-18	11:32-13:30			92	20-07-18 12:51	920	Other	NA	Electronic	91.8	92
BayerAG	25-07-18	09:32-11:30			93.06	25-07-18 10:57	920	Other	NA	Electronic	93.06	93.27
BayerAG	30-07-18	13:32-15:30			95.31	30-07-18 14:51	1906.2	Other	NA	Electronic	95.11	95.31

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BayerAG	01-08-18	11:32-13:30			95.4	01-08-18 12:30	998.1	Other	NA	Electronic	95.4	95.61
BayerAG	02-08-18	13:32-15:30			94.46	02-08-18 13:35	1906.2	Other	NA	Electronic	94.46	94.67
BayerAG	13-08-18	09:30-09:32	83.01	830.1								
BayerAG	13-08-18	13:32-15:30			83.3	13-08-18 15:23	1666	Other	NA	Electronic	83.09	83.3
BayerAG	14-08-18	09:32-11:30			83.85	14-08-18 10:19	1677	Other	NA	Electronic	83.63	83.85
BayerAG	15-08-18	11:32-13:30			81.31	15-08-18 12:09	817.4	Other	NA	Electronic	81.1	81.31
BayerAG	15-08-18	13:32-15:30			81.45	15-08-18 13:38	809.7	Other	NA	Electronic	81.24	81.45
BayerAG	16-08-18	09:32-11:30			75.84	16-08-18 10:48	2275.2	Other	NA	Electronic	75.63	75.84
BayerAG	17-08-18	09:32-11:30			77.44	17-08-18 10:13	774.4	Other	NA	Electronic	77.23	77.44
BayerAG	17-08-18	11:32-13:30			78.09	17-08-18 12:03	774.4	Other	NA	Electronic	78.09	78.3
BayerAG	20-08-18	09:32-11:30			81.1	20-08-18 10:48	811	Other	NA	Electronic	80.9	81.1
BayerAG	20-08-18	13:32-15:30			80.98	20-08-18 13:53	2275.2	Other	NA	Electronic	80.98	81.18
BayerAG	21-08-18	11:32-13:30			83.09	21-08-18 11:50	829.9	Other	NA	Electronic	83.09	83.29
BayerAG	22-08-18	09:32-11:30			83.92	22-08-18 10:05	839.2	Other	NA	Electronic	83.71	83.92
BayerAG	29-08-18	13:32-15:30			82.22	29-08-18 13:40	829.5	Other	NA	Electronic	82.22	82.43

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BayerAG	30-08-18	09:32-11:30			81.92	30-08-18 10:39	1628	Other	NA	Electronic	81.92	82.13
BayerAG	04-09-18	13:32-15:30			80.07	04-09-18 15:11	800.7	Other	NA	Electronic	80.07	80.27
BayerAG	05-09-18	11:32-13:30			78.75	05-09-18 11:44	770.9	Other	NA	Electronic	78.75	78.96
BayerAG	07-09-18	11:32-13:30			72.64	07-09-18 13:07	1452.8	Other	NA	Electronic	72.43	72.64
BayerAG	07-09-18	13:32-15:30			72.47	07-09-18 13:41	724.7	Other	NA	Electronic	72.26	72.47
BayerAG	10-09-18	09:32-11:30			73.08	10-09-18 09:38	724.7	Other	NA	Electronic	73.08	73.28
BayerAG	12-09-18	09:32-11:30			70.11	12-09-18 10:07	701.1	Other	NA	Electronic	69.9	70.11
BayerAG	14-09-18	13:32-15:30			71.87	14-09-18 14:47	718.7	Other	NA	Electronic	71.67	71.87
BayerAG	17-09-18	13:32-15:30			72.31	17-09-18 14:20	718.7	Other	NA	Electronic	72.31	72.51
BayerAG	18-09-18	09:32-11:30			73.07	18-09-18 11:18	707.2	Other	NA	Electronic	73.07	73.27
BayerAG	18-09-18	11:32-13:30			72.97	18-09-18 12:21	707.2	Other	NA	Electronic	72.97	73.18
BayerAG	20-09-18	11:32-13:30			76.56	20-09-18 12:51	1490.6	Other	NA	Electronic	76.34	76.56
BayerAG	26-09-18	11:32-13:30			76.17	26-09-18 12:43	761.7	Other	NA	Electronic	76.17	76.38
BayerAG	27-09-18	09:32-11:30			77.5	27-09-18 10:12	761.7	Other	NA	Electronic	77.29	77.5
BayerAG	27-09-18	11:32-13:30			78.61	27-09-18 12:39	1528.2	Other	NA	Electronic	78.4	78.61



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BayerAG	28-09-18	09:32-11:30			76.92	28-09-18 09:32	769.2	Other	NA	Electronic	76.92	77.12
BBAAviation	20-09-18	11:32-13:30			2.945	20-09-18 13:18	32.68481627	Other	NA	Electronic	2.935	2.945
BBBY	27-09-18	15:32-17:30			14.69	27-09-18 16:41	258.376572	Other	NA	Electronic	14.62	14.69
BBBY	28-09-18	13:32-15:30			15	28-09-18 14:47	258.376572	Other	NA	Electronic	15	15.06
BB&T	08-08-18	15:32-17:30			52.11	08-08-18 15:57	458.2710404	Other	NA	Electronic	52.05	52.11
BB&T	09-08-18	13:32-15:30			51.29	09-08-18 13:40	458.2710404	Other	NA	Electronic	51.29	51.37
BBVA	06-07-18	11:32-13:30			6.334	06-07-18 12:48	63.34	Other	NA	Electronic	6.317	6.334
BBVA	13-07-18	11:32-13:30			6.038	13-07-18 12:41	60.38	Other	NA	Electronic	6.021	6.038
BBVA	13-07-18	13:32-15:30			6.021	13-07-18 15:19	60.38	Other	NA	Electronic	6.021	6.035
BBVA	16-07-18	11:32-13:30			6.026	16-07-18 12:20	60.26	Other	NA	Electronic	6.01	6.026
BBVA	19-07-18	11:32-13:30			5.961	19-07-18 12:05	59.61	Other	NA	Electronic	5.961	5.975
BBVA	24-07-18	09:32-11:30			6.178	24-07-18 10:48	60.26	Other	NA	Electronic	6.178	6.192
BBVA	25-07-18	13:32-15:30			6.047	25-07-18 13:41	120.94	Other	NA	Electronic	6.032	6.047
BBVA	01-08-18	11:32-13:30			6.229	01-08-18 12:30	74.2	Other	NA	Electronic	6.214	6.229
BBVA	10-08-18	11:32-13:30			5.62	10-08-18 12:32	843	Other	NA	Electronic	5.62	5.636

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BBVA	13-08-18	09:30-09:32	5.484	109.3								
BBVA	14-08-18	11:32-13:30			5.443	14-08-18 12:04	54.43	Other	NA	Electronic	5.443	5.458
BBVA	14-08-18	13:32-15:30			5.397	14-08-18 13:57	53.97	Other	NA	Electronic	5.397	5.412
BBVA	15-08-18	11:32-13:30			5.389	15-08-18 12:00	53.89	Other	NA	Electronic	5.374	5.389
BBVA	16-08-18	09:30-09:32	5.471	939.85								
BBVA	17-08-18	09:32-11:30			5.387	17-08-18 10:04	270.65	Other	NA	Electronic	5.371	5.387
BBVA	20-08-18	09:32-11:30			5.437	20-08-18 09:51	54.37	Other	NA	Electronic	5.437	5.452
BBVA	20-08-18	11:32-13:30			5.398	20-08-18 13:00	269.9	Other	NA	Electronic	5.398	5.413
BBVA	21-08-18	11:32-13:30			5.506	21-08-18 12:06	54.65	Other	NA	Electronic	5.506	5.521
BBVA	23-08-18	09:32-11:30			5.527	23-08-18 10:15	55.27	Other	NA	Electronic	5.527	5.542
BBVA	27-08-18	13:32-15:30			5.559	27-08-18 14:00	55.27	Other	NA	Electronic	5.545	5.559
BBVA	28-08-18	09:32-11:30			5.503	28-08-18 11:25	275.15	Other	NA	Electronic	5.503	5.518
BBVA	28-08-18	11:32-13:30			5.528	28-08-18 12:31	55.28	Other	NA	Electronic	5.514	5.528
BBVA	29-08-18	09:32-11:30			5.464	29-08-18 09:37	54.64	Other	NA	Electronic	5.464	5.479
BBVA	30-08-18	09:32-11:30			5.457	30-08-18 10:45	545.7	Other	NA	Electronic	5.457	5.472

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BBVA	30-08-18	11:32-13:30			5.469	30-08-18 11:35	54.64	Other	NA	Electronic	5.454	5.469
BBVA	30-08-18	13:32-15:30			5.377	30-08-18 13:53	53.77	Other	NA	Electronic	5.377	5.391
BBVA	31-08-18	09:32-11:30			5.409	31-08-18 11:08	53.77	Other	NA	Electronic	5.395	5.409
BBVA	31-08-18	11:32-13:30			5.411	31-08-18 12:07	545.7	Other	NA	Electronic	5.397	5.411
BBVA	04-09-18	09:32-11:30			5.365	04-09-18 10:26	539.7	Other	NA	Electronic	5.351	5.365
BBVA	13-09-18	09:32-11:30			5.248	13-09-18 09:32	52.69	Other	NA	Electronic	5.248	5.262
BBVA	13-09-18	11:32-13:30			5.398	13-09-18 12:13	52.48	Other	NA	Electronic	5.384	5.398
BBVA	13-09-18	13:32-15:30			5.417	13-09-18 14:17	53.99	Other	NA	Electronic	5.417	5.432
BBVA	14-09-18	09:32-11:30			5.421	14-09-18 09:40	54.46	Other	NA	Electronic	5.421	5.435
BBVA	14-09-18	13:32-15:30			5.429	14-09-18 13:37	54.21	Other	NA	Electronic	5.414	5.429
BBVA	17-09-18	09:32-11:30			5.493	17-09-18 09:34	275.2	Other	NA	Electronic	5.477	5.493
BBVA	20-09-18	09:32-11:30			5.732	20-09-18 11:27	283.8	Other	NA	Electronic	5.718	5.732
BBVA	20-09-18	11:32-13:30			5.746	20-09-18 12:42	287.3	Other	NA	Electronic	5.746	5.76
BBVA	20-09-18	13:32-15:30			5.69	20-09-18 15:23	52.54	Other	NA	Electronic	5.676	5.69
BBVA	21-09-18	13:32-15:30			5.634	21-09-18 15:08	56.34	Other	NA	Electronic	5.62	5.634

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BBVA	24-09-18	09:32-11:30			5.587	24-09-18 10:23	279.35	Other	NA	Electronic	5.587	5.602
BBVA	24-09-18	11:32-13:30			5.592	24-09-18 12:57	55.79	Other	NA	Electronic	5.578	5.592
BBVA	24-09-18	13:32-15:30			5.616	24-09-18 13:56	56.03	Other	NA	Electronic	5.602	5.616
BBVA	27-09-18	11:32-13:30			5.529	27-09-18 12:28	55.08	Other	NA	Electronic	5.529	5.544
BCHUSD	21-09-18	15:32-17:30			480.69	21-09-18 16:50	42.27332688	Other	NA	Electronic	480.69	487.34
BCHUSD	24-09-18	09:32-11:30			470.35	24-09-18 11:24	82.72799226	Other	NA	Electronic	463.71	470.35
BCHUSD	24-09-18	11:32-13:30			476.72	24-09-18 12:56	419.2419312	Other	NA	Electronic	469.89	476.72
BCHUSD	24-09-18	13:32-15:30			473.25	24-09-18 13:34	41.66915839	Other	NA	Electronic	467.61	473.25
BCHUSD	26-09-18	13:32-15:30			478.22	26-09-18 14:51	419.2419312	Other	NA	Electronic	478.22	485.3
BCHUSD	26-09-18	15:32-17:30			510.96	26-09-18 16:42	446.3107906	Other	NA	Electronic	510.96	518.48
BCHUSD	27-09-18	09:32-11:30			535.43	27-09-18 10:29	131.8445168	Other	NA	Electronic	529.16	535.43
BCHUSD	27-09-18	11:32-13:30			547.5	27-09-18 11:36	131.8445168	Other	NA	Electronic	547.5	553.26
BCHUSD	28-09-18	09:32-11:30			543.5	28-09-18 09:53	133.8316771	Other	NA	Electronic	536.76	543.5
Beiersdorf	04-07-18	13:32-15:30			97.16	04-07-18 14:22	1953.8	Other	NA	Electronic	97.16	97.37
Beiersdorf	09-07-18	09:32-11:30			96.96	09-07-18 10:01	1939.2	Other	NA	Electronic	96.96	97.19

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Beiersdorf	09-07-18	13:32-15:30			96.81	09-07-18 15:12	1939.2	Other	NA	Electronic	96.6	96.81
Berkshire Hathaway	11-07-18	13:32-15:30			189.83	11-07-18 14:34	1669.422214	Other	NA	Electronic	189.65	189.83
Berkshire Hathaway	13-07-18	15:32-17:30			190.75	13-07-18 16:32	1685.3399	Other	NA	Electronic	190.75	190.94
Berkshire Hathaway	16-07-18	13:32-15:30			191.62	16-07-18 13:40	3370.328027	Other	NA	Electronic	191.42	191.62
Berkshire Hathaway	16-07-18	15:32-17:30			192.04	16-07-18 15:52	3345.87987	Other	NA	Electronic	192.04	192.24
Berkshire Hathaway	18-07-18	13:32-15:30			196.76	18-07-18 13:43	3370.328027	Other	NA	Electronic	196.76	196.98
Berkshire Hathaway	18-07-18	15:32-17:30			199.8	18-07-18 16:00	1757.101398	Other	NA	Electronic	199.63	199.8
Berkshire Hathaway	19-07-18	13:32-15:30			199.7	19-07-18 13:52	1694.310087	Other	NA	Electronic	199.7	199.88
Berkshire Hathaway	24-07-18	13:32-15:30			199.57	24-07-18 14:00	1755.078709	Other	NA	Electronic	199.4	199.57
Berkshire Hathaway	24-07-18	15:32-17:30			199.46	24-07-18 16:00	1754.111336	Other	NA	Electronic	199.25	199.46
Berkshire Hathaway	30-07-18	13:32-15:30			199.27	30-07-18 14:00	1752.440419	Other	NA	Electronic	199.06	199.27
Berkshire Hathaway	01-08-18	13:32-15:30			199.17	01-08-18 14:00	1751.560988	Other	NA	Electronic	198.9	199.25
Berkshire Hathaway	03-08-18	13:32-15:30			198.99	03-08-18 15:00	1749.978014	Other	NA	Electronic	198.79	198.99
Berkshire Hathaway	06-08-18	13:32-15:30			205.55	06-08-18 13:40	1756.309911	Other	NA	Electronic	205.55	205.76
Berkshire Hathaway	06-08-18	15:32-17:30			206.97	06-08-18 17:29	1820.156539	Other	NA	Electronic	206.97	207.15

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Berkshire Hathaway	15-08-18	13:32-15:30			204.61	15-08-18 14:44	1749.978014	Other	NA	Electronic	204.61	204.83
Berkshire Hathaway	05-09-18	13:32-15:30			211.63	05-09-18 15:11	1856.125231	Other	NA	Electronic	211.63	211.81
Betsson	20-09-18	09:32-11:30			65.51	20-09-18 10:08	63.48760242	Other	NA	Electronic	65.51	65.83
Betsson	20-09-18	13:32-15:30			65.08	20-09-18 13:38	126.1417544	Other	NA	Electronic	65.08	65.31
BHP Billiton	08-08-18	13:32-15:30			17.204	08-08-18 14:34	190.9370387	Other	NA	Electronic	17.177	17.204
BHP Billiton	09-08-18	09:32-11:30			17.279	09-08-18 10:56	190.9370387	Other	NA	Electronic	17.279	17.308
BHP Billiton	12-09-18	13:32-15:30			15.092	12-09-18 15:08	167.4971977	Other	NA	Electronic	15.065	15.092
BHP Billiton	13-09-18	13:32-15:30			15.147	13-09-18 14:54	167.4971977	Other	NA	Electronic	15.147	15.174
BHP Billiton	21-09-18	11:32-13:30			16.615	21-09-18 12:35	184.4000755	Other	NA	Electronic	16.615	16.642
BHP Billiton	25-09-18	09:32-11:30			16.844	25-09-18 10:24	3738.832225	Other	NA	Electronic	16.815	16.844
BHP Billiton	25-09-18	13:32-15:30			17.032	25-09-18 14:16	1785.845088	Other	NA	Electronic	17.005	17.032
BHP Billiton	28-09-18	13:32-15:30			16.74	28-09-18 14:34	3715.747533	Other	NA	Electronic	16.715	16.74
Biogen	06-07-18	13:32-15:30			354.6	06-07-18 13:42	3118.459238	Other	NA	Electronic	354.6	357.17
Biogen	10-07-18	15:32-17:30			341.32	10-07-18 15:37	2998.856741	Other	NA	Electronic	340.29	341.32
Biogen	24-07-18	13:32-15:30			373.16	24-07-18 13:58	3281.68147	Other	NA	Electronic	373.16	374.19

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Biogen	24-07-18	15:32-17:30			371.44	24-07-18 17:05	3281.68147	Other	NA	Electronic	369.94	371.44
Biomarin	03-07-18	13:32-15:30			94.75	03-07-18 13:52	833.2600475	Other	NA	Electronic	94.36	94.75
Biomarin	17-07-18	13:32-15:30			102.74	17-07-18 14:11	833.2600475	Other	NA	Electronic	102.74	103.11
Biomarin	19-07-18	13:32-15:30			100.83	19-07-18 13:50	910.6498989	Other	NA	Electronic	100.83	101.19
Biomarin	01-08-18	13:32-15:30			101.57	01-08-18 14:00	1786.474365	Other	NA	Electronic	101.05	101.57
Biomarin	04-09-18	15:32-17:30			96.26	04-09-18 17:18	1786.474365	Other	NA	Electronic	96.26	96.58
Biomarin	26-09-18	13:32-15:30			97.86	26-09-18 14:21	17212.20649	Other	NA	Electronic	97.56	97.86
Biomarin	27-09-18	13:32-15:30			96.83	27-09-18 14:14	17212.20649	Other	NA	Electronic	96.83	97.14
Blackberry	05-07-18	15:32-17:30			9.88	05-07-18 17:18	86.88769677	Other	NA	Electronic	9.82	9.88
Blackberry	09-07-18	13:32-15:30			9.86	09-07-18 14:10	433.5590537	Other	NA	Electronic	9.86	9.92
Blackberry	09-07-18	15:32-17:30			10.01	09-07-18 15:38	433.5590537	Other	NA	Electronic	9.95	10.01
Blackberry	11-07-18	13:32-15:30			10.02	11-07-18 14:30	88.11889895	Other	NA	Electronic	9.96	10.02
Blackberry	11-07-18	15:32-17:30			9.91	11-07-18 16:14	87.15152581	Other	NA	Electronic	9.91	9.97
Blackberry	20-07-18	13:32-15:30			10.48	20-07-18 13:42	86.62386773	Other	NA	Electronic	10.48	10.54
Blackberry	24-07-18	13:32-15:30			10.44	24-07-18 14:52	88.47067101	Other	NA	Electronic	10.44	10.5

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Blackberry	25-07-18	15:32-17:30			10.22	25-07-18 16:03	89.87775921	Other	NA	Electronic	10.22	10.28
Blackberry	30-07-18	13:32-15:30			9.74	30-07-18 13:46	88.55861402	Other	NA	Electronic	9.74	9.8
Blackberry	31-07-18	13:32-15:30			9.55	31-07-18 14:19	83.98557735	Other	NA	Electronic	9.49	9.55
Blackberry	01-08-18	13:32-15:30			9.77	01-08-18 13:40	173.4236215	Other	NA	Electronic	9.77	9.83
Blackberry	02-08-18	15:32-17:30			9.77	02-08-18 15:50	83.98557735	Other	NA	Electronic	9.77	9.83
Blackberry	03-08-18	13:32-15:30			9.93	03-08-18 14:22	94.5387389	Other	NA	Electronic	9.93	10
Blackberry	06-08-18	13:32-15:30			10.14	06-08-18 15:04	89.17421511	Other	NA	Electronic	10.08	10.14
Blackberry	07-08-18	13:32-15:30			10.23	07-08-18 14:03	89.96570222	Other	NA	Electronic	10.17	10.23
Blackberry	09-08-18	15:32-17:30			10.35	09-08-18 15:49	91.02101838	Other	NA	Electronic	10.35	10.41
Blackberry	13-08-18	13:32-15:30			10.39	13-08-18 13:40	91.37279043	Other	NA	Electronic	10.33	10.39
Blackberry	15-08-18	13:32-15:30			10.11	15-08-18 13:43	91.37279043	Other	NA	Electronic	10.11	10.17
Blackberry	16-08-18	13:32-15:30			10.08	16-08-18 14:45	175.0065957	Other	NA	Electronic	10.08	10.14
Blackberry	17-08-18	13:32-15:30			9.95	17-08-18 14:41	262.5098936	Other	NA	Electronic	9.89	9.95
Blackberry	20-08-18	13:32-15:30			10.1	20-08-18 13:49	262.5098936	Other	NA	Electronic	10.1	10.16
Blackberry	22-08-18	13:32-15:30			10.24	22-08-18 15:16	90.05364524	Other	NA	Electronic	10.18	10.24



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Blackberry	22-08-18	15:32-17:30			10.14	22-08-18 17:13	89.17421511	Other	NA	Electronic	10.14	10.2
Blackberry	23-08-18	13:32-15:30			10.26	23-08-18 14:45	90.05364524	Other	NA	Electronic	10.26	10.32
Blackberry	27-08-18	13:32-15:30			10.77	27-08-18 14:11	91.02101838	Other	NA	Electronic	10.71	10.77
Blackberry	29-08-18	15:32-17:30			10.95	29-08-18 15:50	96.29759916	Other	NA	Electronic	10.95	11.01
Blackberry	04-09-18	13:32-15:30			10.61	04-09-18 14:10	373.2301469	Other	NA	Electronic	10.55	10.61
Blackberry	05-09-18	13:32-15:30			10.25	05-09-18 13:50	93.57136575	Other	NA	Electronic	10.25	10.31
Blackberry	06-09-18	13:32-15:30			10.02	06-09-18 14:33	88.11889895	Other	NA	Electronic	9.96	10.02
Blackberry	06-09-18	15:32-17:30			9.97	06-09-18 16:25	438.3959194	Other	NA	Electronic	9.91	9.97
Blackberry	10-09-18	13:32-15:30			9.98	10-09-18 14:14	87.7671269	Other	NA	Electronic	9.98	10.04
Blackberry	11-09-18	13:32-15:30			10.06	11-09-18 13:46	87.32741184	Other	NA	Electronic	10	10.06
Blackberry	11-09-18	15:32-17:30			10.23	11-09-18 17:12	893.5010113	Other	NA	Electronic	10.23	10.29
Blackberry	13-09-18	15:32-17:30			10.35	13-09-18 16:42	438.3959194	Other	NA	Electronic	10.35	10.41
Blackberry	28-09-18	13:32-15:30			11.75	28-09-18 14:57	94.71462492	Other	NA	Electronic	11.75	11.82
Black&Decker	25-07-18	13:32-15:30			139.92	25-07-18 14:13	2454.489491	Other	NA	Electronic	139.92	140.2
Blackrock	13-07-18	13:32-15:30			509.08	13-07-18 14:53	4477.002902	Other	NA	Electronic	507.58	509.08

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BMW	02-07-18	13:32-15:30			78.25	02-07-18 14:27	3871.5	Other	NA	Electronic	78.25	78.44
BMW	05-07-18	09:32-11:30			81.96	05-07-18 10:46	808.3	Other	NA	Electronic	81.96	82.16
BMW	05-07-18	11:32-13:30			81.14	05-07-18 12:47	811.4	Other	NA	Electronic	80.96	81.14
BMW	05-07-18	13:32-15:30			80.67	05-07-18 13:38	806.7	Other	NA	Electronic	80.49	80.67
BMW	06-07-18	09:32-11:30			80.49	06-07-18 10:03	1609.8	Other	NA	Electronic	80.49	80.69
BMW	06-07-18	11:30-11:32	80.63	1609.8								
BMW	06-07-18	13:30-13:32	79.74	1594.8								
BMW	09-07-18	13:32-15:30			80.16	09-07-18 15:12	1605.8	Other	NA	Electronic	80.16	80.34
BMW	11-07-18	09:32-11:30			78.47	11-07-18 09:35	788.1	Other	NA	Electronic	78.29	78.47
BMW	12-07-18	13:32-15:30			79.4	12-07-18 14:56	786	Other	NA	Electronic	79.21	79.4
BMW	16-07-18	09:32-11:30			79.23	16-07-18 09:57	2398.8	Other	NA	Electronic	79.23	79.43
BMW	16-07-18	11:32-13:30			79	16-07-18 13:05	1584.8	Other	NA	Electronic	78.81	79
BMW	16-07-18	13:30-13:32	79.17	791.7								
BMW	17-07-18	09:32-11:30			79.22	17-07-18 10:49	792.2	Other	NA	Electronic	79.22	79.41
BMW	18-07-18	09:32-11:30			81.05	18-07-18 10:26	792.2	Other	NA	Electronic	80.85	81.05

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BMW	19-07-18	09:32-11:30			80.92	19-07-18 11:04	809.2	Other	NA	Electronic	80.72	80.92
BMW	20-07-18	11:32-13:30			78.92	20-07-18 12:34	773.2	Other	NA	Electronic	78.92	79.13
BMW	26-07-18	11:32-13:30			82.49	26-07-18 12:28	809.2	Other	NA	Electronic	82.49	82.68
BMW	27-07-18	09:32-11:30			83.45	27-07-18 10:10	834.5	Other	NA	Electronic	83.26	83.45
BMW	27-07-18	11:32-13:30			83.16	27-07-18 12:21	831.6	Other	NA	Electronic	82.97	83.16
BMW	31-07-18	11:32-13:30			82.48	31-07-18 13:24	2786.1	Other	NA	Electronic	82.46	82.65
BMW	01-08-18	09:32-11:30			81.79	01-08-18 11:19	817.9	Other	NA	Electronic	81.6	81.79
BMW	01-08-18	11:32-13:30			81.1	01-08-18 12:30	908.4	Other	NA	Electronic	81.1	81.29
BMW	02-08-18	11:32-13:30			80.56	02-08-18 13:05	796.3	Other	NA	Electronic	80.56	80.75
BMW	10-08-18	13:32-15:30			83.04	10-08-18 14:08	830.4	Other	NA	Electronic	83.04	83.22
BMW	16-08-18	09:32-11:30			81.3	16-08-18 09:56	834.5	Other	NA	Electronic	81.3	81.49
BMW	05-09-18	13:32-15:30			81.38	05-09-18 14:44	813.8	Other	NA	Electronic	81.19	81.38
BMW	06-09-18	11:32-13:30			81.11	06-09-18 11:34	811.1	Other	NA	Electronic	80.93	81.11
BMW	07-09-18	09:32-11:30			80.72	07-09-18 09:53	807.2	Other	NA	Electronic	80.53	80.72
BMW	12-09-18	13:32-15:30			81.35	12-09-18 15:20	813.5	Other	NA	Electronic	81.35	81.56

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BMW	13-09-18	13:32-15:30			83.02	13-09-18 13:33	830.2	Other	NA	Electronic	82.83	83.02
BMW	14-09-18	09:32-11:30			82.62	14-09-18 11:04	822.2	Other	NA	Electronic	82.62	82.82
BMW	14-09-18	13:32-15:30			83.1	14-09-18 14:41	830.2	Other	NA	Electronic	83.1	83.29
BMW	17-09-18	09:32-11:30			82.12	17-09-18 10:44	811.1	Other	NA	Electronic	82.12	82.32
BMW	25-09-18	09:32-11:30			81.34	25-09-18 11:14	813.8	Other	NA	Electronic	81.34	81.84
BMW	25-09-18	11:32-13:30			80.9	25-09-18 11:50	809	Other	NA	Electronic	80.69	80.9
BMW	26-09-18	09:32-11:30			77.85	26-09-18 10:45	778.5	Other	NA	Electronic	77.66	77.85
BMW	26-09-18	11:32-13:30			78.08	26-09-18 12:40	780.8	Other	NA	Electronic	77.9	78.08
BMW	26-09-18	13:32-15:30			78.34	26-09-18 14:43	780.8	Other	NA	Electronic	78.34	78.53
BMW	27-09-18	09:32-11:30			78.4	27-09-18 10:36	784	Other	NA	Electronic	78.22	78.4
BMW	27-09-18	11:32-13:30			78.35	27-09-18 12:11	783.5	Other	NA	Electronic	78.35	78.53
BMW	27-09-18	13:32-15:30			78.34	27-09-18 13:33	783.5	Other	NA	Electronic	78.34	78.53
BMW	28-09-18	09:32-11:30			77.63	28-09-18 10:43	776.3	Other	NA	Electronic	77.63	77.82
BMW	28-09-18	13:32-15:30			77.9	28-09-18 14:48	777.6	Other	NA	Electronic	77.9	78.09
BNPParibas	03-07-18	09:32-11:30			53.8	03-07-18 09:52	534.61	Other	NA	Electronic	53.8	53.941

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BNPParibas	03-07-18	13:32-15:30			53.261	03-07-18 13:45	532.61	Other	NA	Electronic	53.12	53.261
BNPParibas	04-07-18	13:32-15:30			53.1	04-07-18 14:22	2127.24	Other	NA	Electronic	53.1	53.231
BNPParibas	16-07-18	09:32-11:30			52.8	16-07-18 10:10	1584	Other	NA	Electronic	52.8	52.941
BNPParibas	16-07-18	11:32-13:30			52.661	16-07-18 13:05	1584	Other	NA	Electronic	52.52	52.661
BNPParibas	23-07-18	09:32-11:30			52.121	23-07-18 11:22	521.21	Other	NA	Electronic	51.98	52.121
BNPParibas	23-07-18	13:32-15:30			52.26	23-07-18 13:58	521.21	Other	NA	Electronic	52.26	52.391
BNPParibas	24-07-18	11:32-13:30			53.661	24-07-18 13:27	536.61	Other	NA	Electronic	53.53	53.661
BNPParibas	24-07-18	13:32-15:30			53.54	24-07-18 13:53	536.61	Other	NA	Electronic	53.54	53.671
BNPParibas	20-08-18	09:32-11:30			51.14	20-08-18 10:27	1022.8	Other	NA	Electronic	51.14	51.281
BNPParibas	20-08-18	11:32-13:30			51.121	20-08-18 12:02	1022.8	Other	NA	Electronic	50.99	51.121
BNPParibas	20-09-18	11:32-13:30			54.001	20-09-18 11:57	540.01	Other	NA	Electronic	53.86	54.001
BNPParibas	21-09-18	09:32-11:30			54.84	21-09-18 09:50	540.01	Other	NA	Electronic	54.84	54.991
Boeing	02-07-18	13:32-15:30			332.96	02-07-18 13:41	2928.150558	Other	NA	Electronic	332.27	332.96
Boeing	03-07-18	13:32-15:30			338.81	03-07-18 13:41	2947.322135	Other	NA	Electronic	338.81	339.43
Boeing	05-07-18	13:32-15:30			335.04	05-07-18 13:44	2928.150558	Other	NA	Electronic	335.04	335.54

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Boeing	06-07-18	13:32-15:30			331.01	06-07-18 13:52	2911.001671	Other	NA	Electronic	330.54	331.01
Boeing	06-07-18	15:32-17:30			334.6	06-07-18 15:38	2932.899481	Other	NA	Electronic	334.6	334.99
Boeing	09-07-18	13:32-15:30			340.32	09-07-18 14:17	8978.629848	Other	NA	Electronic	339.83	340.32
Boeing	10-07-18	13:32-15:30			345.07	10-07-18 13:48	12096.03377	Other	NA	Electronic	345.07	345.37
Boeing	11-07-18	13:32-15:30			343.24	11-07-18 13:40	3053.821124	Other	NA	Electronic	343.24	343.75
Boeing	11-07-18	15:32-17:30			342.1	11-07-18 16:16	15042.65236	Other	NA	Electronic	341.71	342.1
Boeing	12-07-18	13:32-15:30			344.17	12-07-18 13:40	15042.65236	Other	NA	Electronic	344.17	344.62
Boeing	13-07-18	13:32-15:30			349.9	13-07-18 13:40	14842.58201	Other	NA	Electronic	349.9	350.48
Boeing	16-07-18	13:32-15:30			355.42	16-07-18 14:40	6251.341131	Other	NA	Electronic	355.42	355.79
Boeing	16-07-18	15:32-17:30			355.32	16-07-18 15:52	15601.09049	Other	NA	Electronic	355.32	355.71
Boeing	17-07-18	13:32-15:30			357.52	17-07-18 14:04	2997.625539	Other	NA	Electronic	357.13	357.52
Boeing	18-07-18	15:32-17:30			360.69	18-07-18 16:41	6293.905549	Other	NA	Electronic	360.69	361.07
Boeing	19-07-18	13:32-15:30			357.89	19-07-18 14:05	6294.784979	Other	NA	Electronic	357.43	357.89
Boeing	24-07-18	13:32-15:30			357.06	24-07-18 13:51	15700.4661	Other	NA	Electronic	356.57	357.06
Boeing	25-07-18	13:32-15:30			349.51	25-07-18 13:40	3073.696245	Other	NA	Electronic	349.51	350.12

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Boeing	27-07-18	13:32-15:30			361.19	27-07-18 13:40	6294.784979	Other	NA	Electronic	361.19	361.75
Boeing	31-07-18	13:32-15:30			354.36	31-07-18 13:51	3109.576994	Other	NA	Electronic	354.36	354.96
Boeing	02-08-18	13:32-15:30			346.86	02-08-18 15:00	3030.340339	Other	NA	Electronic	346.86	347.29
Boeing	02-08-18	15:32-17:30			348.12	02-08-18 16:00	3061.472166	Other	NA	Electronic	347.74	348.12
Boeing	03-08-18	13:32-15:30			346.37	03-08-18 15:00	3061.472166	Other	NA	Electronic	346.37	346.69
Boeing	03-08-18	15:32-17:30			348.27	03-08-18 17:00	3062.791311	Other	NA	Electronic	347.91	348.27
Boeing	07-08-18	13:32-15:30			350.1	07-08-18 14:00	3078.884883	Other	NA	Electronic	349.78	350.1
Boeing	08-08-18	13:32-15:30			348.45	08-08-18 15:08	3064.374285	Other	NA	Electronic	348.04	348.45
Boeing	08-08-18	15:32-17:30			346.67	08-08-18 16:00	3078.884883	Other	NA	Electronic	346.67	347
Boeing	09-08-18	13:32-15:30			345.26	09-08-18 13:40	3064.374285	Other	NA	Electronic	345.26	345.87
Boeing	14-08-18	13:32-15:30			338.6	14-08-18 13:48	2977.750418	Other	NA	Electronic	338.6	339.03
Boeing	15-08-18	13:32-15:30			334.67	15-08-18 13:40	2988.127693	Other	NA	Electronic	334.67	335.34
Boeing	16-08-18	15:32-17:30			345.06	16-08-18 16:02	3034.561604	Other	NA	Electronic	345.06	345.43
Boeing	20-08-18	13:32-15:30			349.45	20-08-18 13:40	3034.561604	Other	NA	Electronic	348.82	349.45
Boeing	13-09-18	15:32-17:30			357.9	13-09-18 15:54	3147.480433	Other	NA	Electronic	357.9	358.25

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Boeing	17-09-18	13:32-15:30			360.16	17-09-18 14:43	3167.355554	Other	NA	Electronic	360.16	360.52
Boeing	21-09-18	15:32-17:30			370.41	21-09-18 16:36	3257.497142	Other	NA	Electronic	370.41	370.74
BofAmerica	03-07-18	13:32-15:30			28.1	03-07-18 14:21	247.1198663	Other	NA	Electronic	28.04	28.1
BofAmerica	03-07-18	15:32-17:30			27.78	03-07-18 16:49	258.640401	Other	NA	Electronic	27.78	27.84
BofAmerica	06-07-18	13:32-15:30			28.05	06-07-18 14:36	246.6801513	Other	NA	Electronic	27.99	28.05
BofAmerica	10-07-18	13:32-15:30			28.94	10-07-18 14:16	247.1198663	Other	NA	Electronic	28.94	29
BofAmerica	11-07-18	15:32-17:30			28.68	11-07-18 16:09	1004.309208	Other	NA	Electronic	28.68	28.74
BofAmerica	13-07-18	13:32-15:30			28.38	13-07-18 13:43	1258.0248	Other	NA	Electronic	28.38	28.44
BofAmerica	13-07-18	15:32-17:30			28.6	13-07-18 17:10	755.6063671	Other	NA	Electronic	28.6	28.66
BofAmerica	16-07-18	13:32-15:30			29.06	16-07-18 13:48	511.1247911	Other	NA	Electronic	29.06	29.12
BofAmerica	16-07-18	15:32-17:30			29.17	16-07-18 16:15	246.5922082	Other	NA	Electronic	29.17	29.23
BofAmerica	17-07-18	13:32-15:30			29.77	17-07-18 13:43	3141.676194	Other	NA	Electronic	29.71	29.77
BofAmerica	17-07-18	15:32-17:30			30.13	17-07-18 16:10	252.0446751	Other	NA	Electronic	30.13	30.19
BofAmerica	18-07-18	13:32-15:30			29.9	18-07-18 13:54	766.1595286	Other	NA	Electronic	29.9	29.96
BofAmerica	19-07-18	13:32-15:30			29.76	19-07-18 14:00	252.1326181	Other	NA	Electronic	29.76	29.82



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BofAmerica	19-07-18	15:32-17:30			29.69	19-07-18 16:26	2892.445695	Other	NA	Electronic	29.69	29.75
BofAmerica	20-07-18	13:32-15:30			29.67	20-07-18 13:40	260.9269194	Other	NA	Electronic	29.61	29.67
BofAmerica	20-07-18	15:32-17:30			30	20-07-18 15:45	263.1254947	Other	NA	Electronic	30	30.06
BofAmerica	23-07-18	13:32-15:30			30.53	23-07-18 13:51	1301.556591	Other	NA	Electronic	30.53	30.59
BofAmerica	23-07-18	15:32-17:30			30.82	23-07-18 15:52	264.972298	Other	NA	Electronic	30.76	30.82
BofAmerica	24-07-18	15:32-17:30			30.9	24-07-18 15:38	266.4673292	Other	NA	Electronic	30.9	30.96
BofAmerica	25-07-18	13:32-15:30			30.74	25-07-18 14:09	1332.336646	Other	NA	Electronic	30.74	30.8
BofAmerica	26-07-18	13:32-15:30			31.13	26-07-18 15:13	273.7665992	Other	NA	Electronic	31.07	31.13
BofAmerica	30-07-18	15:32-17:30			31.39	30-07-18 17:16	276.0531176	Other	NA	Electronic	31.33	31.39
BofAmerica	01-08-18	13:32-15:30			31.36	01-08-18 13:40	259.4318881	Other	NA	Electronic	31.36	31.42
BofAmerica	08-08-18	15:32-17:30			31.8	08-08-18 16:56	559.3175622	Other	NA	Electronic	31.74	31.8
BofAmerica	09-08-18	15:32-17:30			31.68	09-08-18 17:25	278.603465	Other	NA	Electronic	31.62	31.68
BofAmerica	13-08-18	13:32-15:30			30.96	13-08-18 13:40	272.271568	Other	NA	Electronic	30.9	30.96
BofAmerica	14-08-18	13:32-15:30			30.63	14-08-18 14:25	268.4900185	Other	NA	Electronic	30.63	30.69
BofAmerica	15-08-18	13:32-15:30			30.35	15-08-18 13:58	1280.889983	Other	NA	Electronic	30.35	30.41

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BofAmerica	15-08-18	15:32-17:30			30.4	15-08-18 17:00	4277.548149	Other	NA	Electronic	30.34	30.4
BofAmerica	17-08-18	13:32-15:30			30.59	17-08-18 14:38	269.0176765	Other	NA	Electronic	30.59	30.65
BofAmerica	20-08-18	13:32-15:30			30.88	20-08-18 13:43	271.5680239	Other	NA	Electronic	30.82	30.88
BofAmerica	21-08-18	13:32-15:30			31.05	21-08-18 13:40	269.0176765	Other	NA	Electronic	30.99	31.05
BofAmerica	27-08-18	13:32-15:30			31.34	27-08-18 14:04	275.6134025	Other	NA	Electronic	31.28	31.34
BofAmerica	28-08-18	13:32-15:30			31.27	28-08-18 15:07	275.6134025	Other	NA	Electronic	31.27	31.33
BofAmerica	31-08-18	13:32-15:30			30.68	31-08-18 14:10	269.8091637	Other	NA	Electronic	30.68	30.74
BofAmerica	31-08-18	15:32-17:30			30.84	31-08-18 17:10	271.2162519	Other	NA	Electronic	30.78	30.84
BofAmerica	04-09-18	13:32-15:30			31.06	04-09-18 15:29	273.1509982	Other	NA	Electronic	31	31.06
BofAmerica	05-09-18	13:32-15:30			31.24	05-09-18 13:43	269.8091637	Other	NA	Electronic	31.18	31.24
BofAmerica	06-09-18	13:32-15:30			30.86	06-09-18 15:01	271.3921379	Other	NA	Electronic	30.86	30.92
BofAmerica	06-09-18	15:32-17:30			30.8	06-09-18 16:54	270.8644798	Other	NA	Electronic	30.8	30.86
BofAmerica	07-09-18	15:32-17:30			30.96	07-09-18 15:45	271.3921379	Other	NA	Electronic	30.9	30.96
BofAmerica	10-09-18	13:32-15:30			30.82	10-09-18 13:40	559.3175622	Other	NA	Electronic	30.82	30.88
BofAmerica	10-09-18	15:32-17:30			30.77	10-09-18 17:07	270.6006508	Other	NA	Electronic	30.77	30.83

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BofAmerica	11-09-18	13:32-15:30			30.83	11-09-18 14:40	270.6006508	Other	NA	Electronic	30.77	30.83
BofAmerica	12-09-18	13:32-15:30			30.53	12-09-18 14:59	268.4900185	Other	NA	Electronic	30.53	30.59
BofAmerica	13-09-18	15:32-17:30			30.34	13-09-18 16:03	266.8191012	Other	NA	Electronic	30.28	30.34
BofAmerica	17-09-18	13:32-15:30			30.48	17-09-18 13:41	46908.8031	Other	NA	Electronic	30.42	30.48
BofAmerica	19-09-18	13:32-15:30			30.59	19-09-18 14:00	270.8644798	Other	NA	Electronic	30.53	30.59
BofAmerica	21-09-18	15:32-17:30			31.14	21-09-18 15:57	273.8545423	Other	NA	Electronic	31.08	31.14
BofAmerica	24-09-18	13:32-15:30			30.77	24-09-18 14:39	266.8191012	Other	NA	Electronic	30.77	30.83
BofAmerica	26-09-18	13:32-15:30			30.73	26-09-18 13:41	270.2488787	Other	NA	Electronic	30.67	30.73
BofAmerica	26-09-18	15:32-17:30			30.49	26-09-18 16:46	1078.181338	Other	NA	Electronic	30.49	30.55
BofAmerica	27-09-18	13:32-15:30			30.14	27-09-18 13:44	1325.301205	Other	NA	Electronic	30.08	30.14
BofAmerica	28-09-18	13:32-15:30			29.71	28-09-18 13:41	261.2786914	Other	NA	Electronic	29.65	29.71
BofAmerica	28-09-18	15:32-17:30			29.54	28-09-18 15:57	1827.104037	Other	NA	Electronic	29.54	29.6
BofNewYork	13-07-18	13:32-15:30			52.97	13-07-18 13:51	465.8341395	Other	NA	Electronic	52.9	52.97
BofNewYork	17-07-18	13:32-15:30			53.64	17-07-18 13:40	471.7263213	Other	NA	Electronic	53.56	53.64
BofNewYork	19-07-18	13:32-15:30			52.41	19-07-18 14:00	465.8341395	Other	NA	Electronic	52.41	52.53

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BofNewYork	01-08-18	13:32-15:30			53.89	01-08-18 13:40	469.703632	Other	NA	Electronic	53.89	53.97
BofNewYork	02-08-18	13:32-15:30			52.61	02-08-18 13:48	461.7008179	Other	NA	Electronic	52.61	52.69
Boliden	09-07-18	13:32-15:30			290.44	09-07-18 14:55	565.3119867	Other	NA	Electronic	289.81	290.44
Boston Scientific	02-07-18	13:32-15:30			32.67	02-07-18 14:08	287.3098232	Other	NA	Electronic	32.61	32.67
Boston Scientific	12-07-18	15:32-17:30			33.5	12-07-18 16:14	34174.65482	Other	NA	Electronic	33.5	33.56
Boston Scientific	17-07-18	15:32-17:30			33.86	17-07-18 15:53	287.3098232	Other	NA	Electronic	33.86	33.92
Boston Scientific	18-07-18	15:32-17:30			33.57	18-07-18 16:16	288.2771964	Other	NA	Electronic	33.57	33.63
Boston Scientific	07-08-18	13:32-15:30			33.22	07-08-18 13:52	292.1466889	Other	NA	Electronic	33.16	33.22
Boston Scientific	08-08-18	13:32-15:30			34.47	08-08-18 14:20	292.1466889	Other	NA	Electronic	34.47	34.53
Bouygues	16-07-18	13:32-15:30			37.69	16-07-18 13:45	381.3	Other	NA	Electronic	37.69	37.79
Bouygues	26-07-18	13:32-15:30			37.05	26-07-18 14:59	369.8	Other	NA	Electronic	37.05	37.14
Bouygues	27-07-18	11:32-13:30			37.39	27-07-18 11:36	373.9	Other	NA	Electronic	37.39	37.49
Bouygues	30-07-18	13:32-15:30			37.51	30-07-18 15:09	374.5	Other	NA	Electronic	37.51	37.6
Bouygues	01-08-18	11:32-13:30			37.19	01-08-18 12:52	376.9	Other	NA	Electronic	37.19	37.29
Bouygues	01-08-18	13:32-15:30			37.33	01-08-18 14:16	373.3	Other	NA	Electronic	37.23	37.33

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Bouygues	03-08-18	11:32-13:30			37.49	03-08-18 11:41	374.4	Other	NA	Electronic	37.49	37.59
Bouygues	07-08-18	09:32-11:30			37.92	07-08-18 10:21	379.2	Other	NA	Electronic	37.82	37.92
Bouygues	15-08-18	09:32-11:30			36.58	15-08-18 10:48	379.2	Other	NA	Electronic	36.58	36.68
Bouygues	20-08-18	13:32-15:30			36.75	20-08-18 14:27	366.9	Other	NA	Electronic	36.75	36.84
BP	12-07-18	13:32-15:30			5.7218	12-07-18 13:54	635.8611811	Other	NA	Electronic	5.7123	5.7218
BP	26-09-18	13:32-15:30			5.8618	26-09-18 15:14	650.5665738	Other	NA	Electronic	5.8523	5.8618
BPER Banca	16-07-18	11:32-13:30			4.656	16-07-18 12:55	50.45	Other	NA	Electronic	4.656	4.668
BPER Banca	31-07-18	11:32-13:30			4.778	31-07-18 13:26	143.34	Other	NA	Electronic	4.766	4.778
BPER Banca	31-07-18	13:32-15:30			4.779	31-07-18 14:22	143.34	Other	NA	Electronic	4.779	4.79
BPER Banca	02-08-18	09:32-11:30			4.639	02-08-18 09:44	46.53	Other	NA	Electronic	4.627	4.639
BPER Banca	10-08-18	13:32-15:30			4.222	10-08-18 14:25	42.22	Other	NA	Electronic	4.21	4.222
BPER Banca	16-08-18	09:32-11:30			4.09	16-08-18 10:49	41.82	Other	NA	Electronic	4.09	4.102
BPER Banca	17-08-18	13:32-15:30			3.96	17-08-18 14:57	42.22	Other	NA	Electronic	3.96	3.972
BPER Banca	30-08-18	13:32-15:30			3.856	30-08-18 14:04	385.6	Other	NA	Electronic	3.856	3.869
BPER Banca	04-09-18	09:32-11:30			3.844	04-09-18 09:37	38.44	Other	NA	Electronic	3.844	3.857

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Bpost	03-07-18	13:32-15:30			13.029	03-07-18 15:17	260.58	Other	NA	Electronic	12.981	13.029
Bpost	25-07-18	11:32-13:30			13.111	25-07-18 12:52	131.11	Other	NA	Electronic	13.111	13.159
Bpost	26-07-18	13:32-15:30			13.349	26-07-18 14:02	131.11	Other	NA	Electronic	13.301	13.349
Bpost	30-07-18	13:32-15:30			13.509	30-07-18 14:53	135.09	Other	NA	Electronic	13.451	13.509
Bpost	31-07-18	13:32-15:30			13.531	31-07-18 13:52	135.09	Other	NA	Electronic	13.531	13.579
Bpost	03-08-18	09:32-11:30			13.351	03-08-18 11:07	133.29	Other	NA	Electronic	13.351	13.399
Bpost	03-08-18	11:32-13:30			13.381	03-08-18 11:58	133.79	Other	NA	Electronic	13.381	13.439
Bpost	09-08-18	09:32-11:30			14.449	09-08-18 10:44	144.49	Other	NA	Electronic	14.381	14.449
Bpost	09-08-18	13:32-15:30			14.421	09-08-18 13:39	144.49	Other	NA	Electronic	14.421	14.479
Bpost	13-08-18	11:32-13:30			13.389	13-08-18 13:27	133.89	Other	NA	Electronic	13.341	13.389
Bpost	15-08-18	09:32-11:30			13.049	15-08-18 10:22	130.49	Other	NA	Electronic	13.001	13.049
Bpost	20-08-18	13:32-15:30			13.659	20-08-18 14:23	136.59	Other	NA	Electronic	13.591	13.659
Bpost	21-08-18	09:32-11:30			13.791	21-08-18 10:13	137.89	Other	NA	Electronic	13.791	13.849
Bpost	21-08-18	13:32-15:30			13.929	21-08-18 13:54	139.29	Other	NA	Electronic	13.881	13.929
Bpost	22-08-18	13:32-15:30			13.499	22-08-18 15:08	134.99	Other	NA	Electronic	13.441	13.499

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Bpost	28-08-18	11:32-13:30			13.709	28-08-18 12:04	137.09	Other	NA	Electronic	13.661	13.709
Bpost	04-09-18	09:32-11:30			13.569	04-09-18 11:16	135.69	Other	NA	Electronic	13.511	13.569
Bpost	04-09-18	11:32-13:30			13.581	04-09-18 11:58	135.69	Other	NA	Electronic	13.581	13.629
Bpost	04-09-18	13:32-15:30			13.541	04-09-18 15:00	135.39	Other	NA	Electronic	13.541	13.599
Bpost	05-09-18	09:32-11:30			13.581	05-09-18 10:56	135.29	Other	NA	Electronic	13.581	13.639
Bpost	05-09-18	13:32-15:30			13.439	05-09-18 13:40	134.39	Other	NA	Electronic	13.391	13.439
Bpost	12-09-18	11:32-13:30			13.441	12-09-18 13:03	134.29	Other	NA	Electronic	13.441	13.489
Brembo	01-08-18	11:32-13:30			11.697	01-08-18 12:52	249.26	Other	NA	Electronic	11.697	11.743
Brembo	24-08-18	09:32-11:30			11.057	24-08-18 10:45	110.53	Other	NA	Electronic	11.057	11.103
BRENT-DEC18	27-09-18	09:32-11:30			81.3	27-09-18 09:48	21449.30085	Other	NA	Electronic	81.3	81.35
BRENT-DEC18	27-09-18	13:32-15:30			81.05	27-09-18 13:58	7127.781198	Other	NA	Electronic	81.05	81.1
BRENT-DEC18	27-09-18	15:32-17:30			81.22	27-09-18 16:45	21449.30085	Other	NA	Electronic	81.17	81.22
BRENT-DEC18	28-09-18	09:32-11:30			81.64	28-09-18 09:52	7163.837833	Other	NA	Electronic	81.64	81.69
BRENT-DEC18	28-09-18	11:30-11:32	81.78	14383.95919								
BRENT-DEC18	28-09-18	13:32-15:30			81.94	28-09-18 13:38	7184.944156	Other	NA	Electronic	81.89	81.94

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BRENT-DEC18	28-09-18	15:32-17:30			82.78	28-09-18 15:36	14559.84522	Other	NA	Electronic	82.78	82.83
BRENT-NOV18	30-08-18	09:32-11:30			77.66	30-08-18 09:32	6829.654384	Other	NA	Electronic	77.61	77.66
BRENT-NOV18	30-08-18	13:32-15:30			77.79	30-08-18 13:32	13675.13851	Other	NA	Electronic	77.79	77.84
BRENT-NOV18	30-08-18	15:32-17:30			77.78	30-08-18 16:04	6840.207546	Other	NA	Electronic	77.78	77.83
BRENT-NOV18	31-08-18	09:32-11:30			77.47	31-08-18 09:35	13685.69167	Other	NA	Electronic	77.47	77.52
BRENT-NOV18	31-08-18	11:32-13:30			77.78	31-08-18 11:44	6840.207546	Other	NA	Electronic	77.73	77.78
BRENT-NOV18	31-08-18	13:32-15:30			77.91	31-08-18 14:18	13719.11002	Other	NA	Electronic	77.9	77.95
BRENT-NOV18	31-08-18	15:32-17:30			77.79	31-08-18 15:32	13682.17395	Other	NA	Electronic	77.79	77.84
BRENT-NOV18	03-09-18	09:32-11:30			78.13	03-09-18 10:30	6870.9876	Other	NA	Electronic	78.13	78.18
BRENT-NOV18	03-09-18	11:32-13:30			78.31	03-09-18 11:39	6863.952159	Other	NA	Electronic	78.26	78.31
BRENT-NOV18	03-09-18	15:32-17:30			78.13	03-09-18 15:33	13741.9752	Other	NA	Electronic	78.08	78.13
BRENT-NOV18	04-09-18	09:32-11:30			79.1	04-09-18 09:39	6956.292323	Other	NA	Electronic	79.05	79.1
BRENT-NOV18	04-09-18	11:32-13:30			79.34	04-09-18 11:34	6977.398646	Other	NA	Electronic	79.29	79.34
BRENT-NOV18	04-09-18	13:32-15:30			78.81	04-09-18 13:34	6930.788849	Other	NA	Electronic	78.76	78.81
BRENT-NOV18	04-09-18	15:32-17:30			78.56	04-09-18 15:46	6908.803096	Other	NA	Electronic	78.51	78.56



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BRENT-NOV18	05-09-18	09:32-11:30			77.52	05-09-18 09:34	6827.016094	Other	NA	Electronic	77.47	77.52
BRENT-NOV18	05-09-18	11:32-13:30			77.5	05-09-18 11:38	6815.583502	Other	NA	Electronic	77.5	77.55
BRENT-NOV18	05-09-18	13:30-13:32	77.58	6822.618943								
BRENT-NOV18	05-09-18	15:30-15:32	77.25	13592.47208								
BRENT-NOV18	06-09-18	09:32-11:30			77.61	06-09-18 09:45	6825.257233	Other	NA	Electronic	77.61	77.66
BRENT-NOV18	06-09-18	11:32-13:30			77.55	06-09-18 11:42	54559.84522	Other	NA	Electronic	77.5	77.55
BRENT-NOV18	06-09-18	13:32-15:30			77.55	06-09-18 13:45	13639.96131	Other	NA	Electronic	77.55	77.6
BRENT-NOV18	06-09-18	15:30-15:32	76.5	6771.611995								
BRENT-NOV18	07-09-18	09:32-11:30			76.38	07-09-18 10:18	6727.640489	Other	NA	Electronic	76.33	76.38
BRENT-NOV18	07-09-18	11:32-13:30			76.67	07-09-18 11:48	6742.590801	Other	NA	Electronic	76.67	76.72
BRENT-NOV18	07-09-18	13:30-13:32	76.2	6654.647788								
BRENT-NOV18	07-09-18	15:32-17:30			76.57	07-09-18 15:33	6733.7965	Other	NA	Electronic	76.52	76.57
BRENT-NOV18	10-09-18	09:30-09:32	77.68	6833.172104								
BRENT-NOV18	10-09-18	11:30-11:32	77.24	6792.718319								
BRENT-NOV18	10-09-18	13:30-13:32	77.62	34055.05233								

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BRENT-NOV18	10-09-18	15:32-17:30			77.47	10-09-18 15:39	6819.980653	Other	NA	Electronic	77.42	77.47
BRENT-NOV18	11-09-18	09:30-09:32	77.94	6842.845836								
BRENT-NOV18	11-09-18	11:30-11:32	78.02	61751.82482								
BRENT-NOV18	11-09-18	13:30-13:32	77.85	6846.363556								
BRENT-NOV18	11-09-18	15:30-15:32	78.63	13829.91821								
BRENT-NOV18	12-09-18	09:32-11:30			79.04	12-09-18 09:51	6949.256882	Other	NA	Electronic	79.04	79.09
BRENT-NOV18	12-09-18	11:32-13:30			79.36	12-09-18 11:49	13949.52071	Other	NA	Electronic	79.36	79.41
BRENT-NOV18	12-09-18	13:32-15:30			79.5	12-09-18 13:40	6991.469528	Other	NA	Electronic	79.45	79.5
BRENT-NOV18	12-09-18	15:32-17:30			79.72	12-09-18 15:34	13991.73336	Other	NA	Electronic	79.72	79.77
BRENT-NOV18	13-09-18	09:32-11:30			79.04	13-09-18 09:34	6951.015742	Other	NA	Electronic	79.04	79.09
BRENT-NOV18	13-09-18	11:32-13:30			79.01	13-09-18 12:13	6948.377451	Other	NA	Electronic	79.01	79.06
BRENT-NOV18	13-09-18	13:32-15:30			79.11	13-09-18 13:50	6958.930613	Other	NA	Electronic	79.06	79.11
BRENT-NOV18	13-09-18	15:30-15:32	78.195	96322.2232								
BRENT-NOV18	14-09-18	09:32-11:30			78.32	14-09-18 09:38	6887.696772	Other	NA	Electronic	78.32	78.37
BRENT-NOV18	14-09-18	11:30-11:32	78.25	34407.70381								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BRENT-NOV18	14-09-18	13:30-13:32	78.22	6890.335063								
BRENT-NOV18	14-09-18	15:32-17:30			78.26	14-09-18 15:35	6882.420192	Other	NA	Electronic	78.26	78.31
BRENT-NOV18	17-09-18	09:32-11:30			78.66	17-09-18 10:31	6917.597397	Other	NA	Electronic	78.66	78.71
BRENT-NOV18	17-09-18	11:32-13:30			78.57	17-09-18 13:23	13842.23023	Other	NA	Electronic	78.52	78.57
BRENT-NOV18	17-09-18	13:32-15:30			78.81	17-09-18 13:53	6930.788849	Other	NA	Electronic	78.76	78.81
BRENT-NOV18	17-09-18	15:32-17:30			78.13	17-09-18 15:46	13745.49292	Other	NA	Electronic	78.08	78.13
BRENT-NOV18	18-09-18	09:32-11:30			79.15	18-09-18 09:35	6960.689473	Other	NA	Electronic	79.1	79.15
BRENT-NOV18	18-09-18	11:32-13:30			78.95	18-09-18 11:33	13680.41509	Other	NA	Electronic	78.95	79
BRENT-NOV18	18-09-18	13:32-15:30			79.58	18-09-18 13:47	6998.504969	Other	NA	Electronic	79.53	79.58
BRENT-NOV18	18-09-18	15:32-17:30			78.83	18-09-18 16:39	6932.547709	Other	NA	Electronic	78.83	78.88
BRENT-NOV18	19-09-18	09:32-11:30			78.97	19-09-18 10:34	6944.859731	Other	NA	Electronic	78.92	78.97
BRENT-NOV18	19-09-18	11:32-13:30			78.97	19-09-18 11:35	6944.859731	Other	NA	Electronic	78.92	78.97
BRENT-NOV18	19-09-18	13:30-13:32	78.9	6909.682526								
BRENT-NOV18	19-09-18	15:32-17:30			79.25	19-09-18 15:43	6878.023041	Other	NA	Electronic	79.25	79.3
BRENT-NOV18	20-09-18	09:32-11:30			79.57	20-09-18 09:53	7005.54041	Other	NA	Electronic	79.52	79.57

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BRENT-NOV18	20-09-18	11:32-13:30			79.31	20-09-18 11:33	7002.902119	Other	NA	Electronic	79.26	79.31
BRENT-NOV18	20-09-18	13:32-15:30			79.2	20-09-18 13:35	6951.895172	Other	NA	Electronic	79.2	79.25
BRENT-NOV18	20-09-18	15:32-17:30			78.83	20-09-18 15:39	6932.547709	Other	NA	Electronic	78.78	78.83
BRENT-NOV18	21-09-18	09:32-11:30			79.36	21-09-18 09:49	6980.916366	Other	NA	Electronic	79.36	79.41
BRENT-NOV18	21-09-18	11:30-11:32	79.5	6980.916366								
BRENT-NOV18	21-09-18	13:32-15:30			79.63	21-09-18 13:51	6995.866678	Other	NA	Electronic	79.63	79.68
BRENT-NOV18	21-09-18	15:32-17:30			78.53	21-09-18 15:41	6906.164805	Other	NA	Electronic	78.48	78.53
BRENT-NOV18	24-09-18	09:32-11:30			80.57	24-09-18 10:48	6920.235687	Other	NA	Electronic	80.52	80.57
BRENT-NOV18	24-09-18	11:32-13:30			80.74	24-09-18 11:34	7100.518864	Other	NA	Electronic	80.69	80.74
BRENT-NOV18	24-09-18	13:32-15:30			80.57	24-09-18 13:32	7085.568552	Other	NA	Electronic	80.57	80.62
BRENT-NOV18	24-09-18	15:32-17:30			81.04	24-09-18 15:32	7091.724562	Other	NA	Electronic	80.99	81.04
BRENT-NOV18	25-09-18	09:30-09:32	82.07	7220.121361								
BRENT-NOV18	25-09-18	11:30-11:32	81.85	7198.135608								
BRENT-NOV18	25-09-18	13:32-15:30			81.98	25-09-18 13:34	6920.235687	Other	NA	Electronic	81.93	81.98
BRENT-NOV18	25-09-18	15:32-17:30			81.89	25-09-18 15:45	7214.844781	Other	NA	Electronic	81.84	81.89

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BRENT-NOV18	26-09-18	09:32-11:30			81.62	26-09-18 09:39	7210.44763	Other	NA	Electronic	81.57	81.62
BRENT-NOV18	26-09-18	11:32-13:30			81.34	26-09-18 11:58	7169.114414	Other	NA	Electronic	81.29	81.34
BRENT-NOV18	26-09-18	13:32-15:30			81.4	26-09-18 14:02	7221.880222	Other	NA	Electronic	81.35	81.4
BRENT-NOV18	27-09-18	09:32-11:30			81.78	27-09-18 11:14	7229.795093	Other	NA	Electronic	81.73	81.78
BRENT-NOV18	27-09-18	11:32-13:30			81.88	27-09-18 12:11	36091.81251	Other	NA	Electronic	81.83	81.88
BRENT-NOV18	27-09-18	13:32-15:30			81.61	27-09-18 13:44	7166.476123	Other	NA	Electronic	81.56	81.61
BRENT-NOV18	27-09-18	15:32-17:30			81.56	27-09-18 17:04	84921.291	Other	NA	Electronic	81.51	81.56
BRENT-OCT18	30-07-18	09:32-11:30			75.06	30-07-18 10:18	66010.0255	Other	NA	Electronic	75.01	75.06
BRENT-OCT18	30-07-18	11:32-13:30			75.4	30-07-18 12:00	6630.903175	Other	NA	Electronic	75.35	75.4
BRENT-OCT18	30-07-18	13:30-13:32	75.6	6629.144314								
BRENT-OCT18	30-07-18	15:30-15:32	75.5	13281.15381								
BRENT-OCT18	31-07-18	09:32-11:30			75.3	31-07-18 09:33	6612.435142	Other	NA	Electronic	75.3	75.35
BRENT-OCT18	31-07-18	11:32-13:30			75.51	31-07-18 11:38	6626.506024	Other	NA	Electronic	75.51	75.56
BRENT-OCT18	31-07-18	13:30-13:32	74.97	6589.569959								
BRENT-OCT18	31-07-18	15:32-17:30			74.88	31-07-18 15:33	6585.172808	Other	NA	Electronic	74.88	74.93

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BRENT-OCT18	01-08-18	09:32-11:30			73.38	01-08-18 09:41	6453.258289	Other	NA	Electronic	73.33	73.38
BRENT-OCT18	01-08-18	11:30-11:32	73.245	12931.14062								
BRENT-OCT18	01-08-18	13:32-15:30			72.88	01-08-18 13:32	6409.286782	Other	NA	Electronic	72.88	72.93
BRENT-OCT18	01-08-18	15:30-15:32	72.665	19170.69739								
BRENT-OCT18	02-08-18	09:30-09:32	72.28	31844.16498								
BRENT-OCT18	02-08-18	11:32-13:30			71.97	02-08-18 11:35	6329.25864	Other	NA	Electronic	71.97	72.02
BRENT-OCT18	02-08-18	13:32-15:30			72.23	02-08-18 13:51	12704.24765	Other	NA	Electronic	72.23	72.28
BRENT-OCT18	02-08-18	15:32-17:30			73.14	02-08-18 15:32	25774.33823	Other	NA	Electronic	73.14	73.19
BRENT-OCT18	03-08-18	09:32-11:30			73.59	03-08-18 09:45	6444.463987	Other	NA	Electronic	73.59	73.64
BRENT-OCT18	03-08-18	11:32-13:30			73.49	03-08-18 11:45	6457.655439	Other	NA	Electronic	73.49	73.54
BRENT-OCT18	03-08-18	13:32-15:30			73.45	03-08-18 13:36	6468.208601	Other	NA	Electronic	73.4	73.45
BRENT-OCT18	03-08-18	15:32-17:30			72.76	03-08-18 15:43	6455.017149	Other	NA	Electronic	72.71	72.76
BRENT-OCT18	06-08-18	09:32-11:30			73.66	06-08-18 09:46	38756.4858	Other	NA	Electronic	73.66	73.71
BRENT-OCT18	06-08-18	11:32-13:30			73.97	06-08-18 11:52	6505.144666	Other	NA	Electronic	73.92	73.97
BRENT-OCT18	06-08-18	13:30-13:32	73.77	6496.350365								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BRENT-OCT18	06-08-18	15:32-17:30			74.09	06-08-18 15:40	65200.94978	Other	NA	Electronic	74.09	74.14
BRENT-OCT18	07-08-18	09:32-11:30			74.4	07-08-18 09:55	13085.92032	Other	NA	Electronic	74.4	74.45
BRENT-OCT18	07-08-18	11:30-11:32	74.83	39486.4128								
BRENT-OCT18	07-08-18	13:30-13:32	74.46	19657.02225								
BRENT-OCT18	07-08-18	15:32-17:30			74.4	07-08-18 15:56	6535.045291	Other	NA	Electronic	74.4	74.45
BRENT-OCT18	08-08-18	09:32-11:30			74.73	08-08-18 09:43	6571.981356	Other	NA	Electronic	74.68	74.73
BRENT-OCT18	08-08-18	11:32-13:30			74.58	08-08-18 11:34	6558.789904	Other	NA	Electronic	74.53	74.58
BRENT-OCT18	08-08-18	13:32-15:30			73.95	08-08-18 13:33	6506.024096	Other	NA	Electronic	73.9	73.95
BRENT-OCT18	08-08-18	15:30-15:32	72.31	6359.159265								
BRENT-OCT18	09-08-18	09:32-11:30			72.13	09-08-18 09:32	32890.68683	Other	NA	Electronic	72.12	72.17
BRENT-OCT18	09-08-18	11:32-13:30			72.7	09-08-18 12:50	6350.364964	Other	NA	Electronic	72.65	72.7
BRENT-OCT18	09-08-18	13:32-15:30			72.67	09-08-18 13:34	25563.275	Other	NA	Electronic	72.67	72.72
BRENT-OCT18	09-08-18	15:32-17:30			72.17	09-08-18 15:44	6346.847243	Other	NA	Electronic	72.17	72.22
BRENT-OCT18	10-08-18	09:30-09:32	72.22	6351.244394								
BRENT-OCT18	10-08-18	11:32-13:30			72.47	10-08-18 11:45	6373.230147	Other	NA	Electronic	72.42	72.47

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BRENT-OCT18	10-08-18	13:32-15:30			72.83	10-08-18 14:34	6362.676985	Other	NA	Electronic	72.83	72.88
BRENT-OCT18	10-08-18	15:32-17:30			72.8	10-08-18 15:48	12837.92103	Other	NA	Electronic	72.75	72.8
BRENT-OCT18	13-08-18	09:30-09:32	72.93	6413.683933								
BRENT-OCT18	13-08-18	11:32-13:30			72.77	13-08-18 11:53	70376.3961	Other	NA	Electronic	72.77	72.82
BRENT-OCT18	13-08-18	13:32-15:30			72.67	13-08-18 13:32	6390.818749	Other	NA	Electronic	72.62	72.67
BRENT-OCT18	13-08-18	15:30-15:32	72.49	12768.44605								
BRENT-OCT18	14-08-18	09:32-11:30			73.37	14-08-18 09:41	6427.754815	Other	NA	Electronic	73.32	73.37
BRENT-OCT18	14-08-18	11:32-13:30			73.75	14-08-18 11:54	6402.251341	Other	NA	Electronic	73.7	73.75
BRENT-OCT18	14-08-18	13:30-13:32	73.83	12985.66529								
BRENT-OCT18	14-08-18	15:30-15:32	72.58	57461.96465								
BRENT-OCT18	15-08-18	09:32-11:30			71.7	15-08-18 09:36	6305.514027	Other	NA	Electronic	71.7	71.75
BRENT-OCT18	15-08-18	11:32-13:30			72	15-08-18 11:50	6331.896931	Other	NA	Electronic	72	72.05
BRENT-OCT18	15-08-18	13:32-15:30			71.68	15-08-18 13:33	6312.549468	Other	NA	Electronic	71.63	71.68
BRENT-OCT18	15-08-18	15:32-17:30			70.45	15-08-18 15:32	43455.28098	Other	NA	Electronic	70.4	70.45
BRENT-OCT18	16-08-18	09:32-11:30			70.82	16-08-18 09:46	6236.918477	Other	NA	Electronic	70.82	70.87



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BRENT-OCT18	16-08-18	11:32-13:30			71.11	16-08-18 11:39	6243.953918	Other	NA	Electronic	71.11	71.16
BRENT-OCT18	16-08-18	13:32-15:30			71.1	16-08-18 13:47	6252.748219	Other	NA	Electronic	71.05	71.1
BRENT-OCT18	16-08-18	15:32-17:30			71.14	16-08-18 16:18	6256.26594	Other	NA	Electronic	71.14	71.19
BRENT-OCT18	17-08-18	09:32-11:30			72.01	17-08-18 10:22	6330.138071	Other	NA	Electronic	72.01	72.06
BRENT-OCT18	17-08-18	11:32-13:30			72.07	17-08-18 11:58	6207.017852	Other	NA	Electronic	72.02	72.07
BRENT-OCT18	17-08-18	13:32-15:30			72.28	17-08-18 13:44	6359.159265	Other	NA	Electronic	72.23	72.28
BRENT-OCT18	17-08-18	15:32-17:30			71.55	17-08-18 17:00	6302.875737	Other	NA	Electronic	71.5	71.55
BRENT-OCT18	20-08-18	09:32-11:30			72.04	20-08-18 10:03	6335.414651	Other	NA	Electronic	72.04	72.09
BRENT-OCT18	20-08-18	11:32-13:30			72.12	20-08-18 12:20	6342.450092	Other	NA	Electronic	72.12	72.17
BRENT-OCT18	20-08-18	13:32-15:30			72.25	20-08-18 13:41	6353.882684	Other	NA	Electronic	72.25	72.3
BRENT-OCT18	20-08-18	15:32-17:30			72.09	20-08-18 15:35	6340.691232	Other	NA	Electronic	72.04	72.09
BRENT-OCT18	21-08-18	09:32-11:30			72.35	21-08-18 10:33	6362.676985	Other	NA	Electronic	72.35	72.4
BRENT-OCT18	21-08-18	11:32-13:30			72.55	21-08-18 11:43	6369.712426	Other	NA	Electronic	72.55	72.6
BRENT-OCT18	21-08-18	13:32-15:30			72.87	21-08-18 13:33	6389.059889	Other	NA	Electronic	72.87	72.92
BRENT-OCT18	21-08-18	15:32-17:30			72.43	21-08-18 15:34	6346.847243	Other	NA	Electronic	72.43	72.48

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BRENT-OCT18	22-08-18	09:32-11:30			73.5	22-08-18 09:32	6463.81145	Other	NA	Electronic	73.45	73.5
BRENT-OCT18	22-08-18	11:30-11:32	74.1	12983.027								
BRENT-OCT18	22-08-18	13:30-13:32	74.2	6525.371559								
BRENT-OCT18	22-08-18	15:32-17:30			74.55	22-08-18 15:58	6484.038343	Other	NA	Electronic	74.5	74.55
BRENT-OCT18	23-08-18	09:32-11:30			74.39	23-08-18 10:01	32710.40366	Other	NA	Electronic	74.34	74.39
BRENT-OCT18	23-08-18	11:32-13:30			74.54	23-08-18 11:37	6555.272184	Other	NA	Electronic	74.54	74.59
BRENT-OCT18	23-08-18	13:32-15:30			74.37	23-08-18 13:38	6561.428195	Other	NA	Electronic	74.32	74.37
BRENT-OCT18	23-08-18	15:30-15:32	74.56	19685.16401								
BRENT-OCT18	24-08-18	09:32-11:30			75.61	24-08-18 10:14	6649.371207	Other	NA	Electronic	75.61	75.66
BRENT-OCT18	24-08-18	11:32-13:30			75.59	24-08-18 11:33	6647.612347	Other	NA	Electronic	75.59	75.64
BRENT-OCT18	24-08-18	13:32-15:30			76.13	24-08-18 13:32	6695.101574	Other	NA	Electronic	76.08	76.13
BRENT-OCT18	24-08-18	15:32-17:30			76.15	24-08-18 15:46	6696.860434	Other	NA	Electronic	76.1	76.15
BRENT-OCT18	27-08-18	11:32-13:30			75.81	27-08-18 11:48	46601.00255	Other	NA	Electronic	75.81	75.86
BRENT-OCT18	27-08-18	13:32-15:30			76.07	27-08-18 13:49	6688.066133	Other	NA	Electronic	76.07	76.12
BRENT-OCT18	27-08-18	15:32-17:30			75.77	27-08-18 15:45	6663.44209	Other	NA	Electronic	75.77	75.82

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BRENT-OCT18	28-08-18	09:32-11:30			76.86	28-08-18 09:57	6759.299974	Other	NA	Electronic	76.81	76.86
BRENT-OCT18	28-08-18	11:32-13:30			76.64	28-08-18 11:52	47179.66758	Other	NA	Electronic	76.59	76.64
BRENT-OCT18	28-08-18	13:32-15:30			76.61	28-08-18 13:40	6737.31422	Other	NA	Electronic	76.61	76.66
BRENT-OCT18	29-08-18	09:32-11:30			76.19	29-08-18 09:41	6659.044939	Other	NA	Electronic	76.14	76.19
BRENT-OCT18	29-08-18	11:32-13:30			76.22	29-08-18 11:48	6703.016445	Other	NA	Electronic	76.22	76.27
BRENT-OCT18	29-08-18	13:32-15:30			76.47	29-08-18 13:43	6725.002199	Other	NA	Electronic	76.42	76.47
BRENT-OCT18	29-08-18	15:32-17:30			76.43	29-08-18 15:34	6521.853839	Other	NA	Electronic	76.38	76.43
BRENT-OCT18	30-08-18	09:32-11:30			77.43	30-08-18 09:47	6688.945563	Other	NA	Electronic	77.38	77.43
BRENT-OCT18	30-08-18	11:32-13:30			77.79	30-08-18 11:50	47709.08451	Other	NA	Electronic	77.79	77.84
BRENT-SEP18	02-07-18	09:30-09:32	78.6	6900.888224								
BRENT-SEP18	02-07-18	11:32-13:30			78.82	02-07-18 11:41	6931.668279	Other	NA	Electronic	78.82	78.87
BRENT-SEP18	02-07-18	13:32-15:30			78.2	02-07-18 13:37	6877.143611	Other	NA	Electronic	78.15	78.2
BRENT-SEP18	02-07-18	15:30-15:32	77.84	41012.22408								
BRENT-SEP18	03-07-18	09:30-09:32	77.83	6805.03034								
BRENT-SEP18	03-07-18	11:32-13:30			78.03	03-07-18 11:38	6868.34931	Other	NA	Electronic	77.98	78.03

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BRENT-SEP18	03-07-18	13:32-15:30			78.3	03-07-18 13:34	6885.937912	Other	NA	Electronic	78.3	78.35
BRENT-SEP18	03-07-18	15:30-15:32	76.91	6763.697124								
BRENT-SEP18	04-07-18	09:32-11:30			77.82	04-07-18 09:33	6843.725266	Other	NA	Electronic	77.77	77.82
BRENT-SEP18	04-07-18	11:32-13:30			78.1	04-07-18 11:40	6849.881277	Other	NA	Electronic	78.1	78.15
BRENT-SEP18	04-07-18	13:30-13:32	77.84	6845.484126								
BRENT-SEP18	04-07-18	15:32-17:30			78.05	04-07-18 15:32	20533.81409	Other	NA	Electronic	78.05	78.1
BRENT-SEP18	05-07-18	09:32-11:30			77.91	05-07-18 09:32	6849.881277	Other	NA	Electronic	77.91	77.96
BRENT-SEP18	05-07-18	11:32-13:30			78.38	05-07-18 11:38	6763.697124	Other	NA	Electronic	78.33	78.38
BRENT-SEP18	05-07-18	13:32-15:30			78.02	05-07-18 13:37	6861.313869	Other	NA	Electronic	77.97	78.02
BRENT-SEP18	05-07-18	15:30-15:32	78.226	34296.01618								
BRENT-SEP18	06-07-18	09:30-09:32	77.16	6779.526867								
BRENT-SEP18	06-07-18	11:32-13:30			76.6	06-07-18 11:35	6736.43479	Other	NA	Electronic	76.55	76.6
BRENT-SEP18	06-07-18	13:30-13:32	76.78	40510.94891								
BRENT-SEP18	06-07-18	15:30-15:32	77	6771.611995								
BRENT-SEP18	09-07-18	09:30-09:32	77.795	20494.23973								

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BRENT-SEP18	09-07-18	11:30-11:32	77.8	13698.00369								
BRENT-SEP18	09-07-18	13:32-15:30			77.68	09-07-18 13:32	6831.413244	Other	NA	Electronic	77.63	77.68
BRENT-SEP18	09-07-18	15:30-15:32	77.925	13703.28027								
BRENT-SEP18	10-07-18	09:32-11:30			79.1	10-07-18 09:36	6969.483775	Other	NA	Electronic	79.05	79.1
BRENT-SEP18	10-07-18	11:32-13:30			79.09	10-07-18 11:36	6955.412892	Other	NA	Electronic	79.04	79.09
BRENT-SEP18	10-07-18	13:30-13:32	79.39	6981.795796								
BRENT-SEP18	10-07-18	15:30-15:32	78.71	6921.994548								
BRENT-SEP18	11-07-18	09:32-11:30			77.04	11-07-18 09:33	6775.129716	Other	NA	Electronic	76.99	77.04
BRENT-SEP18	11-07-18	11:30-11:32	77.05	6794.477179								
BRENT-SEP18	11-07-18	13:30-13:32	77.16	20357.92806								
BRENT-SEP18	11-07-18	15:30-15:32	76.5375	26980.91637								
BRENT-SEP18	12-07-18	09:32-11:30			74.72	12-07-18 09:35	6571.101926	Other	NA	Electronic	74.72	74.77
BRENT-SEP18	12-07-18	11:30-11:32	74.34	6537.683581								
BRENT-SEP18	12-07-18	13:30-13:32	73.65333	19513.67514								
BRENT-SEP18	12-07-18	15:32-17:30			73.53	12-07-18 15:32	6466.449741	Other	NA	Electronic	73.48	73.53

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BRENT-SEP18	13-07-18	09:32-11:30			73.5	13-07-18 09:32	6463.81145	Other	NA	Electronic	73.5	73.55
BRENT-SEP18	13-07-18	11:32-13:30			74.17	13-07-18 11:33	6522.733269	Other	NA	Electronic	74.17	74.22
BRENT-SEP18	13-07-18	13:32-15:30			74.59	13-07-18 14:04	6559.669334	Other	NA	Electronic	74.59	74.64
BRENT-SEP18	13-07-18	15:32-17:30			75.44	13-07-18 15:33	6634.420895	Other	NA	Electronic	75.39	75.44
BRENT-SEP18	16-07-18	09:32-11:30			74.97	16-07-18 09:42	6596.6054	Other	NA	Electronic	74.92	74.97
BRENT-SEP18	16-07-18	11:32-13:30			73.98	16-07-18 11:32	6599.24369	Other	NA	Electronic	73.93	73.98
BRENT-SEP18	16-07-18	13:32-15:30			73.38	16-07-18 13:33	6453.258289	Other	NA	Electronic	73.38	73.43
BRENT-SEP18	16-07-18	15:30-15:32	72.34	19478.49793								
BRENT-SEP18	17-07-18	09:30-09:32	71.77	12591.68059								
BRENT-SEP18	17-07-18	11:30-11:32	71.925	19015.03826								
BRENT-SEP18	17-07-18	13:32-15:30			71.68	17-07-18 13:42	6303.755167	Other	NA	Electronic	71.63	71.68
BRENT-SEP18	17-07-18	15:32-17:30			71.85	17-07-18 15:36	6437.428546	Other	NA	Electronic	71.85	71.9
BRENT-SEP18	18-07-18	09:32-11:30			71.57	18-07-18 09:34	6294.081435	Other	NA	Electronic	71.57	71.62
BRENT-SEP18	18-07-18	11:30-11:32	71.845	18953.47815								
BRENT-SEP18	18-07-18	13:32-15:30			71.5	18-07-18 13:48	6287.925424	Other	NA	Electronic	71.45	71.5

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BRENT-SEP18	18-07-18	15:30-15:32	71.87	12640.92868								
BRENT-SEP18	19-07-18	09:32-11:30			72.1	19-07-18 09:36	6340.691232	Other	NA	Electronic	72.1	72.15
BRENT-SEP18	19-07-18	11:32-13:30			72.27	19-07-18 11:59	6355.641544	Other	NA	Electronic	72.22	72.27
BRENT-SEP18	19-07-18	13:30-13:32	72.98	6418.081083								
BRENT-SEP18	19-07-18	15:30-15:32	73.13	6431.272535								
BRENT-SEP18	20-07-18	09:30-09:32	73.21	6425.995955								
BRENT-SEP18	20-07-18	11:30-11:32	72.70667	19146.95277								
BRENT-SEP18	20-07-18	13:30-13:32	73.23429	44837.74514								
BRENT-SEP18	20-07-18	15:32-17:30			72.93	20-07-18 15:32	12874.85709	Other	NA	Electronic	72.88	72.93
BRENT-SEP18	23-07-18	09:30-09:32	73.65	6477.002902								
BRENT-SEP18	23-07-18	11:30-11:32	74.01	6530.64814								
BRENT-SEP18	23-07-18	13:30-13:32	73.74	6491.953214								
BRENT-SEP18	23-07-18	15:30-15:32	73.905	12990.06244								
BRENT-SEP18	24-07-18	09:30-09:32	73.28	6444.463987								
BRENT-SEP18	24-07-18	11:32-13:30			73.12	24-07-18 11:40	6433.910826	Other	NA	Electronic	73.07	73.12

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BRENT-SEP18	24-07-18	13:30-13:32	73.05333	19234.01636								
BRENT-SEP18	24-07-18	15:30-15:32	73.87	45419.04846								
BRENT-SEP18	25-07-18	09:30-09:32	74.15	6520.974409								
BRENT-SEP18	25-07-18	11:32-13:30			73.95	25-07-18 11:34	6508.662387	Other	NA	Electronic	73.9	73.95
BRENT-SEP18	25-07-18	13:30-13:32	73.78	12976.87099								
BRENT-SEP18	25-07-18	15:30-15:32	73.94	39015.03826								
BRENT-SEP18	26-07-18	09:30-09:32	74.24	6528.88928								
BRENT-SEP18	26-07-18	11:32-13:30			74.27	26-07-18 11:49	6537.683581	Other	NA	Electronic	74.27	74.32
BRENT-SEP18	26-07-18	13:32-15:30			74.04	26-07-18 13:36	6511.300677	Other	NA	Electronic	74.04	74.09
BRENT-SEP18	26-07-18	15:30-15:32	74.555	13094.71462								
BRENT-SEP18	27-07-18	09:32-11:30			74.55	27-07-18 09:34	32780.75807	Other	NA	Electronic	74.5	74.55
BRENT-SEP18	27-07-18	11:32-13:30			74.5	27-07-18 12:06	6551.754463	Other	NA	Electronic	74.45	74.5
BRENT-SEP18	27-07-18	13:32-15:30			74.52	27-07-18 13:34	6569.343066	Other	NA	Electronic	74.52	74.57
BRENT-SEP18	27-07-18	15:30-15:32	74.73	6571.981356								
BRENT-SEP18	30-07-18	09:32-11:30			74.59	30-07-18 10:18	6268.577961	Other	NA	Electronic	74.54	74.59



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BRENT-SEP18	30-07-18	11:32-13:30			74.81	30-07-18 12:01	19549.73177	Other	NA	Electronic	74.81	74.86
BristolMyer	24-07-18	15:32-17:30			57.48	24-07-18 16:13	505.4964383	Other	NA	Electronic	57.42	57.48
BristolMyer	30-07-18	13:32-15:30			57.75	30-07-18 14:14	505.4964383	Other	NA	Electronic	57.75	57.81
BristolMyer	31-08-18	13:32-15:30			60.47	31-08-18 13:56	1063.582798	Other	NA	Electronic	60.4	60.47
BristolMyer	11-09-18	13:32-15:30			60.63	11-09-18 13:40	1063.582798	Other	NA	Electronic	60.63	60.72
British Land	03-07-18	13:32-15:30			6.61	03-07-18 14:36	73.36048744	Other	NA	Electronic	6.61	6.64
British Land	01-08-18	13:32-15:30			6.59	01-08-18 14:32	75.02524888	Other	NA	Electronic	6.56	6.59
British Land	16-08-18	13:32-15:30			6.39	16-08-18 14:24	69.69801227	Other	NA	Electronic	6.35	6.39
British Land	14-09-18	13:32-15:30			6.15	14-09-18 14:01	73.36048744	Other	NA	Electronic	6.12	6.15
Broadcom	12-07-18	13:32-15:30			201.3	12-07-18 13:54	1770.29285	Other	NA	Electronic	200.67	201.3
Broadcom	16-07-18	13:32-15:30			202.04	16-07-18 14:03	1843.109665	Other	NA	Electronic	202.04	202.46
Broadcom	16-07-18	15:32-17:30			205.35	16-07-18 16:57	1789.288541	Other	NA	Electronic	205.35	205.83
Broadcom	18-07-18	15:32-17:30			209.13	18-07-18 15:43	1816.99059	Other	NA	Electronic	209.13	209.61
Broadcom	19-07-18	13:32-15:30			209.03	19-07-18 14:31	1838.272799	Other	NA	Electronic	209.03	209.44
Broadcom	23-07-18	13:32-15:30			212.38	23-07-18 13:40	1843.901152	Other	NA	Electronic	212.38	213

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Broadcom	23-07-18	15:32-17:30			213.98	23-07-18 16:07	1878.990414	Other	NA	Electronic	213.98	214.27
BTCUSD	18-09-18	09:32-11:30			6,285.75	18-09-18 09:49	55.27877935	Other	NA	Electronic	6,219.25	6,285.75
BTCUSD	18-09-18	11:32-13:30			6,290.88	18-09-18 12:47	55.27877935	Other	NA	Electronic	6,290.88	6,356.99
BTCUSD	18-09-18	13:32-15:30			6,395.79	18-09-18 13:41	56.24650427	Other	NA	Electronic	6,329.78	6,395.79
BTCUSD	19-09-18	09:32-11:30			6,290.55	19-09-18 10:47	56.15469176	Other	NA	Electronic	6,290.55	6,356.56
BTCUSD	19-09-18	11:32-13:30			6,320.92	19-09-18 12:24	555.8807493	Other	NA	Electronic	6,254.35	6,320.92
BTCUSD	19-09-18	15:32-17:30			6,282.64	19-09-18 16:19	55.25142907	Other	NA	Electronic	6,282.64	6,348.65
BTCUSD	20-09-18	09:32-11:30			6,453.00	20-09-18 11:00	281.3015566	Other	NA	Electronic	6,382.83	6,453.00
BTCUSD	20-09-18	13:32-15:30			6,381.28	20-09-18 15:28	56.11889895	Other	NA	Electronic	6,381.28	6,448.61
BTCUSD	20-09-18	15:32-17:30			6,447.24	20-09-18 15:52	56.69897107	Other	NA	Electronic	6,377.03	6,447.24
BTCUSD	21-09-18	09:32-11:30			6,729.40	21-09-18 10:41	59.18037112	Other	NA	Electronic	6,662.96	6,729.40
BTCUSD	21-09-18	11:32-13:30			6,718.86	21-09-18 11:56	234.9172456	Other	NA	Electronic	6,718.86	6,784.99
BTCUSD	21-09-18	13:32-15:30			6,717.17	21-09-18 13:40	56.69897107	Other	NA	Electronic	6,717.17	6,785.13
BTCUSD	24-09-18	09:32-11:30			6,556.56	24-09-18 10:25	597.5912409	Other	NA	Electronic	6,556.56	6,623.78
BTCUSD	24-09-18	11:32-13:30			6,544.43	24-09-18 11:57	57.55368921	Other	NA	Electronic	6,544.43	6,610.98

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BTCUSD	24-09-18	13:32-15:30			6,558.79	24-09-18 14:27	58.72939935	Other	NA	Electronic	6,558.79	6,626.65
BTCUSD	24-09-18	15:32-17:30			6,571.17	24-09-18 15:33	58.39926128	Other	NA	Electronic	6,571.17	6,637.66
BTCUSD	25-09-18	09:32-11:30			6,427.05	25-09-18 09:36	56.52141412	Other	NA	Electronic	6,360.93	6,427.05
BTCUSD	25-09-18	11:32-13:30			6,434.09	25-09-18 12:42	565.83326	Other	NA	Electronic	6,366.50	6,434.09
BTCUSD	25-09-18	13:32-15:30			6,459.97	25-09-18 13:46	56.81092252	Other	NA	Electronic	6,389.40	6,459.97
BTCUSD	25-09-18	15:32-17:30			6,362.96	25-09-18 15:43	559.5778735	Other	NA	Electronic	6,362.96	6,433.05
BTCUSD	26-09-18	09:32-11:30			6,489.40	26-09-18 10:42	561.0289333	Other	NA	Electronic	6,422.86	6,489.40
BTCUSD	26-09-18	11:32-13:30			6,467.56	26-09-18 12:49	56.50373758	Other	NA	Electronic	6,467.56	6,536.41
BTCUSD	26-09-18	13:32-15:30			6,456.43	26-09-18 14:25	565.83326	Other	NA	Electronic	6,456.43	6,524.36
BTCUSD	26-09-18	15:32-17:30			6,559.46	26-09-18 15:57	1153.717351	Other	NA	Electronic	6,491.20	6,559.46
BTCUSD	27-09-18	09:32-11:30			6,503.39	27-09-18 09:32	55.86861314	Other	NA	Electronic	6,434.46	6,503.39
BTCUSD	27-09-18	11:32-13:30			6,440.82	27-09-18 11:34	113.2850233	Other	NA	Electronic	6,440.82	6,510.24
BTCUSD	27-09-18	13:32-15:30			6,520.74	27-09-18 14:15	57.34535221	Other	NA	Electronic	6,451.59	6,520.74
BTCUSD	27-09-18	15:32-17:30			6,456.28	27-09-18 15:56	56.52141412	Other	NA	Electronic	6,456.28	6,523.00
BTCUSD	28-09-18	09:32-11:30			6,638.42	28-09-18 09:36	57.89482016	Other	NA	Electronic	6,570.61	6,638.42

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
BTCUSD	28-09-18	11:32-13:30			6,601.59	28-09-18 11:48	58.05637147	Other	NA	Electronic	6,601.59	6,673.87
BTCUSD	28-09-18	13:32-15:30			6,677.56	28-09-18 13:42	58.20455545	Other	NA	Electronic	6,608.25	6,677.56
BTG	20-09-18	09:32-11:30			5.598	20-09-18 11:07	62.12889693	Other	NA	Electronic	5.567	5.598
BTG	20-09-18	13:32-15:30			5.562	20-09-18 14:15	62.12889693	Other	NA	Electronic	5.562	5.588
BTGroup	23-07-18	11:32-13:30			2.2398	23-07-18 12:38	248.5821782	Other	NA	Electronic	2.2353	2.2398
BTGroup	24-07-18	09:32-11:30			2.2528	24-07-18 09:48	248.5821782	Other	NA	Electronic	2.2528	2.2573
BTGroup	01-08-18	09:32-11:30			2.2933	01-08-18 11:25	1808.829895	Other	NA	Electronic	2.2888	2.2933
BTGroup	16-08-18	09:32-11:30			2.2413	16-08-18 10:27	248.7486543	Other	NA	Electronic	2.2368	2.2413
BTGroup	24-08-18	13:32-15:30			2.2368	24-08-18 14:39	248.7486543	Other	NA	Electronic	2.2368	2.2413
Burberry	05-07-18	09:32-11:30			20.55	05-07-18 10:26	2367.290767	Other	NA	Electronic	20.5	20.55
Burberry	10-09-18	09:32-11:30			20.77	10-09-18 11:03	2302.919992	Other	NA	Electronic	20.77	20.82
Burberry	13-09-18	13:30-13:32	20.94	2324.00697								
Burberry	17-09-18	13:32-15:30			21.18	17-09-18 14:26	2350.643153	Other	NA	Electronic	21.13	21.18
Burberry	18-09-18	09:32-11:30			21.2	18-09-18 11:03	2350.643153	Other	NA	Electronic	21.2	21.25
Burberry	21-09-18	11:32-13:30			19.9	21-09-18 13:11	2199.704782	Other	NA	Electronic	19.9	19.94

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Burberry	24-09-18	09:32-11:30			20.13	24-09-18 09:35	6702.329556	Other	NA	Electronic	20.13	20.17
Burberry	24-09-18	11:32-13:30			19.99	24-09-18 12:24	6702.329556	Other	NA	Electronic	19.95	19.99
Burberry	25-09-18	09:32-11:30			19.96	25-09-18 09:45	2215.242556	Other	NA	Electronic	19.96	20
Burberry	25-09-18	13:32-15:30			19.93	25-09-18 15:14	2215.242556	Other	NA	Electronic	19.89	19.93
BureauVeritas	28-09-18	11:32-13:30			22.194	28-09-18 11:48	221.94	Other	NA	Electronic	22.127	22.194
Buzzi Unicem	09-07-18	09:32-11:30			20.881	09-07-18 10:50	835.24	Other	NA	Electronic	20.881	20.93
Buzzi Unicem	09-07-18	13:32-15:30			20.85	09-07-18 15:12	835.24	Other	NA	Electronic	20.791	20.85
Buzzi Unicem	11-07-18	13:32-15:30			20.84	11-07-18 13:52	828.04	Other	NA	Electronic	20.781	20.84
Buzzi Unicem	23-07-18	11:32-13:30			19.06	23-07-18 11:34	190.6	Other	NA	Electronic	19.006	19.06
Buzzi Unicem	26-07-18	09:32-11:30			19.016	26-07-18 09:58	190.6	Other	NA	Electronic	19.016	19.07
Buzzi Unicem	20-08-18	09:32-11:30			17.865	20-08-18 11:01	178.65	Other	NA	Electronic	17.811	17.865
Buzzi Unicem	18-09-18	09:32-11:30			18.925	18-09-18 09:51	189.25	Other	NA	Electronic	18.661	18.925
Buzzi Unicem	28-09-18	11:32-13:30			17.851	28-09-18 12:37	189.25	Other	NA	Electronic	17.851	17.915
BW	04-09-18	11:32-13:30			33.783	04-09-18 11:46	34.6711714	Other	NA	Electronic	33.457	33.783
CA	09-07-18	15:32-17:30			36.84	09-07-18 16:43	323.6302876	Other	NA	Electronic	36.84	36.91

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CA	13-07-18	13:32-15:30			44.08	13-07-18 13:59	387.652801	Other	NA	Electronic	44.02	44.08
CA	10-09-18	13:32-15:30			43.91	10-09-18 14:35	386.1577698	Other	NA	Electronic	43.91	43.97
Cabot Oil & Gas	24-07-18	13:32-15:30			24.42	24-07-18 14:52	209.5681998	Other	NA	Electronic	24.42	24.48
Cabot Oil & Gas	25-07-18	13:32-15:30			24.32	25-07-18 14:03	412.9803887	Other	NA	Electronic	24.32	24.39
Cabot Oil & Gas	01-08-18	13:32-15:30			23.15	01-08-18 13:45	212.5582622	Other	NA	Electronic	23.15	23.21
Cabot Oil & Gas	04-09-18	13:32-15:30			23.29	04-09-18 15:06	204.8192771	Other	NA	Electronic	23.29	23.35
Cabot Oil & Gas	04-09-18	15:30-15:32	23.24	204.8192771								
Cabot Oil & Gas	06-09-18	13:32-15:30			21.8	06-09-18 15:25	191.7157682	Other	NA	Electronic	21.74	21.8
Cabot Oil & Gas	07-09-18	13:32-15:30			21.73	07-09-18 13:40	193.7384575	Other	NA	Electronic	21.73	21.8
Cabot Oil & Gas	17-09-18	15:32-17:30			21.63	17-09-18 16:57	966.9334271	Other	NA	Electronic	21.63	21.69
Cabot Oil & Gas	20-09-18	15:32-17:30			22.9	20-09-18 17:16	201.3894996	Other	NA	Electronic	22.84	22.9
CADCHF	02-07-18	09:32-11:30			0.75328	02-07-18 10:10	4611.330698	Other	NA	Electronic	0.75328	0.75365
CADCHF	02-07-18	11:32-13:30			0.75408	02-07-18 11:33	1976.284585	Other	NA	Electronic	0.75371	0.75408
CADCHF	02-07-18	13:32-15:30			0.75453	02-07-18 13:36	658.7615283	Other	NA	Electronic	0.75415	0.75453
CADCHF	02-07-18	15:32-17:30			0.75281	02-07-18 15:36	658.7615283	Other	NA	Electronic	0.75281	0.75318

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CADCHF	03-07-18	09:32-11:30			0.75439	03-07-18 09:35	1976.284585	Other	NA	Electronic	0.75439	0.75478
CADCHF	03-07-18	11:32-13:30			0.75555	03-07-18 11:38	658.7615283	Other	NA	Electronic	0.75519	0.75555
CADCHF	03-07-18	13:32-15:30			0.75558	03-07-18 13:37	658.7615283	Other	NA	Electronic	0.75521	0.75557
CADCHF	03-07-18	15:32-17:30			0.75409	03-07-18 15:56	658.7615283	Other	NA	Electronic	0.75409	0.75444
CADCHF	04-07-18	09:32-11:30			0.75517	04-07-18 09:59	1317.523057	Other	NA	Electronic	0.75477	0.75517
CADCHF	04-07-18	11:30-11:32	0.75534	658.7615283								
CADCHF	04-07-18	13:32-15:30			0.75544	04-07-18 13:42	658.7615283	Other	NA	Electronic	0.75505	0.75544
CADCHF	04-07-18	15:32-17:30			0.75585	04-07-18 15:42	658.7615283	Other	NA	Electronic	0.75585	0.75625
CADCHF	05-07-18	09:32-11:30			0.75507	05-07-18 09:40	658.7615283	Other	NA	Electronic	0.75507	0.75544
CADCHF	05-07-18	11:32-13:30			0.75497	05-07-18 11:36	658.7615283	Other	NA	Electronic	0.75459	0.75497
CADCHF	05-07-18	13:30-13:32	0.75606	658.7615283								
CADCHF	05-07-18	15:32-17:30			0.75608	05-07-18 15:41	658.7615283	Other	NA	Electronic	0.75608	0.75645
CADCHF	06-07-18	09:32-11:30			0.75567	06-07-18 09:38	658.7615283	Other	NA	Electronic	0.7553	0.75567
CADCHF	06-07-18	11:32-13:30			0.75591	06-07-18 11:37	658.7615283	Other	NA	Electronic	0.75554	0.75591
CADCHF	06-07-18	13:32-15:30			0.75419	06-07-18 13:32	658.7615283	Other	NA	Electronic	0.75382	0.75419

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CADCHF	06-07-18	15:32-17:30			0.75622	06-07-18 15:33	6587.615283	Other	NA	Electronic	0.75622	0.7566
CADCHF	09-07-18	09:30-09:32	0.75537	658.7615283								
CADCHF	09-07-18	11:32-13:30			0.75523	09-07-18 11:41	658.7615283	Other	NA	Electronic	0.75523	0.7556
CADCHF	09-07-18	13:32-15:30			0.75647	09-07-18 13:34	6587.615283	Other	NA	Electronic	0.75647	0.75685
CADCHF	09-07-18	15:32-17:30			0.75671	09-07-18 15:40	658.7615283	Other	NA	Electronic	0.75671	0.75708
CADCHF	10-07-18	09:32-11:30			0.75584	10-07-18 09:48	3952.56917	Other	NA	Electronic	0.75583	0.75621
CADCHF	10-07-18	11:30-11:32	0.75743	3293.807642								
CADCHF	10-07-18	13:32-15:30			0.75682	10-07-18 13:55	3293.807642	Other	NA	Electronic	0.75645	0.75682
CADCHF	10-07-18	15:32-17:30			0.75686	10-07-18 16:00	5270.092227	Other	NA	Electronic	0.75648	0.75684
CADCHF	11-07-18	09:30-09:32	0.75513	658.7615283								
CADCHF	11-07-18	11:32-13:30			0.75561	11-07-18 11:51	658.7615283	Other	NA	Electronic	0.75561	0.75599
CADCHF	11-07-18	13:32-15:30			0.75428	11-07-18 13:33	6587.615283	Other	NA	Electronic	0.75428	0.75466
CADCHF	11-07-18	15:30-15:32	0.75597	1976.284585								
CADCHF	12-07-18	09:32-11:30			0.75549	12-07-18 09:37	658.7615283	Other	NA	Electronic	0.7555	0.75587
CADCHF	12-07-18	11:30-11:32	0.75675	2635.046113								



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CADCHF	12-07-18	13:30-13:32	0.76027	658.7615283								
CADCHF	12-07-18	15:32-17:30			0.76049	12-07-18 16:15	658.7615283	Other	NA	Electronic	0.76011	0.76049
CADCHF	13-07-18	09:32-11:30			0.76156	13-07-18 09:34	658.7615283	Other	NA	Electronic	0.76119	0.76156
CADCHF	13-07-18	11:32-13:30			0.76257	13-07-18 11:46	6587.615283	Other	NA	Electronic	0.7622	0.76258
CADCHF	13-07-18	13:30-13:32	0.76185	3952.56917								
CADCHF	13-07-18	15:30-15:32	0.76201	658.7615283								
CADCHF	16-07-18	09:32-11:30			0.76064	16-07-18 09:36	658.7615283	Other	NA	Electronic	0.76028	0.76064
CADCHF	16-07-18	11:30-11:32	0.75878	23715.41502								
CADCHF	16-07-18	13:32-15:30			0.7598	16-07-18 13:36	658.7615283	Other	NA	Electronic	0.7598	0.76016
CADCHF	16-07-18	15:30-15:32	0.75956	3293.807642								
CADCHF	17-07-18	09:32-11:30			0.75795	17-07-18 09:32	13175.23057	Other	NA	Electronic	0.75795	0.75832
CADCHF	17-07-18	11:32-13:30			0.75687	17-07-18 11:32	658.7615283	Other	NA	Electronic	0.75651	0.75687
CADCHF	17-07-18	13:32-15:30			0.75563	17-07-18 13:33	12516.46904	Other	NA	Electronic	0.75562	0.75599
CADCHF	17-07-18	15:32-17:30			0.75667	17-07-18 15:32	2635.046113	Other	NA	Electronic	0.75667	0.75705
CADCHF	18-07-18	09:30-09:32	0.75614	12516.46904								

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CADCHF	18-07-18	11:32-13:30			0.75529	18-07-18 11:34	2635.046113	Other	NA	Electronic	0.75529	0.75565
CADCHF	18-07-18	13:32-15:30			0.75458	18-07-18 13:32	658.7615283	Other	NA	Electronic	0.75457	0.75496
CADCHF	18-07-18	15:32-17:30			0.75685	18-07-18 15:32	1317.523057	Other	NA	Electronic	0.75647	0.75685
CADCHF	19-07-18	09:32-11:30			0.75714	19-07-18 10:06	1976.284585	Other	NA	Electronic	0.75714	0.75751
CADCHF	19-07-18	11:32-13:30			0.75687	19-07-18 11:33	1317.523057	Other	NA	Electronic	0.75687	0.75725
CADCHF	19-07-18	13:32-15:30			0.75775	19-07-18 13:39	658.7615283	Other	NA	Electronic	0.7574	0.75775
CADCHF	19-07-18	15:30-15:32	0.7549	15151.51515								
CADCHF	20-07-18	09:32-11:30			0.75432	20-07-18 09:35	658.7615283	Other	NA	Electronic	0.75394	0.75431
CADCHF	20-07-18	11:32-13:30			0.7534	20-07-18 11:35	658.7615283	Other	NA	Electronic	0.7534	0.75376
CADCHF	20-07-18	13:32-15:30			0.75741	20-07-18 13:32	658.7615283	Other	NA	Electronic	0.75704	0.75742
CADCHF	20-07-18	15:32-17:30			0.75783	20-07-18 15:38	3293.807642	Other	NA	Electronic	0.75746	0.75783
CADCHF	23-07-18	09:32-11:30			0.7544	23-07-18 09:47	26350.46113	Other	NA	Electronic	0.75441	0.75477
CADCHF	23-07-18	11:32-13:30			0.7546	23-07-18 11:37	6587.615283	Other	NA	Electronic	0.75423	0.7546
CADCHF	23-07-18	13:32-15:30			0.75379	23-07-18 13:35	1317.523057	Other	NA	Electronic	0.75379	0.75417
CADCHF	23-07-18	15:32-17:30			0.75486	23-07-18 15:36	1317.523057	Other	NA	Electronic	0.75448	0.75486

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	24-07-18	09:32-11:30			0.75467	24-07-18 09:45	658.7615283	Other	NA	Electronic	0.75467	0.75504
CADCHF	24-07-18	11:30-11:32	0.75456	658.7615283								
CADCHF	24-07-18	13:30-13:32	0.75506	13175.23057								
CADCHF	24-07-18	15:32-17:30			0.75484	24-07-18 15:57	6587.615283	Other	NA	Electronic	0.75484	0.75521
CADCHF	25-07-18	09:32-11:30			0.75476	25-07-18 09:46	658.7615283	Other	NA	Electronic	0.75476	0.75513
CADCHF	25-07-18	11:30-11:32	0.75567	1317.523057								
CADCHF	25-07-18	13:30-13:32	0.75732	3293.807642								
CADCHF	25-07-18	15:32-17:30			0.75781	25-07-18 15:32	32938.07642	Other	NA	Electronic	0.75781	0.75817
CADCHF	26-07-18	09:32-11:30			0.76145	26-07-18 09:36	1976.284585	Other	NA	Electronic	0.76145	0.76183
CADCHF	26-07-18	11:30-11:32	0.76121	658.7615283								
CADCHF	26-07-18	13:32-15:30			0.7616	26-07-18 13:37	3293.807642	Other	NA	Electronic	0.76124	0.7616
CADCHF	26-07-18	15:32-17:30			0.76024	26-07-18 15:58	3293.807642	Other	NA	Electronic	0.75988	0.76024
CADCHF	27-07-18	09:32-11:30			0.76276	27-07-18 09:33	1317.523057	Other	NA	Electronic	0.76276	0.76313
CADCHF	27-07-18	11:32-13:30			0.76287	27-07-18 11:32	5270.092227	Other	NA	Electronic	0.76287	0.76323
CADCHF	27-07-18	13:30-13:32	0.7617	6587.615283								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	27-07-18	15:32-17:30			0.76125	27-07-18 15:42	21739.13043	Other	NA	Electronic	0.76125	0.76162
CADCHF	30-07-18	09:30-09:32	0.75962	57971.01449								
CADCHF	30-07-18	11:32-13:30			0.76048	30-07-18 11:40	13175.23057	Other	NA	Electronic	0.76048	0.76083
CADCHF	30-07-18	13:32-15:30			0.76014	30-07-18 13:43	9222.661397	Other	NA	Electronic	0.76014	0.76051
CADCHF	30-07-18	15:32-17:30			0.76003	30-07-18 15:32	9222.661397	Other	NA	Electronic	0.75966	0.76003
CADCHF	31-07-18	09:32-11:30			0.75785	31-07-18 09:55	658.7615283	Other	NA	Electronic	0.75749	0.75785
CADCHF	31-07-18	11:32-13:30			0.75785	31-07-18 12:25	658.7615283	Other	NA	Electronic	0.75748	0.75785
CADCHF	31-07-18	13:30-13:32	0.75891	658.7615283								
CADCHF	31-07-18	15:32-17:30			0.75978	31-07-18 15:32	658.7615283	Other	NA	Electronic	0.75978	0.76016
CADCHF	01-08-18	09:30-09:32	0.76159	3952.56917								
CADCHF	01-08-18	11:32-13:30			0.76066	01-08-18 11:59	658.7615283	Other	NA	Electronic	0.76066	0.76103
CADCHF	01-08-18	13:32-15:30			0.76293	01-08-18 13:35	6587.615283	Other	NA	Electronic	0.76254	0.7629
CADCHF	01-08-18	15:32-17:30			0.76356	01-08-18 15:36	19762.84585	Other	NA	Electronic	0.7632	0.76356
CADCHF	02-08-18	09:32-11:30			0.76303	02-08-18 09:32	6587.615283	Other	NA	Electronic	0.76303	0.7634
CADCHF	02-08-18	11:32-13:30			0.76363	02-08-18 11:32	65876.15283	Other	NA	Electronic	0.76325	0.76363

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	02-08-18	13:32-15:30			0.7636	02-08-18 14:01	3293.807642	Other	NA	Electronic	0.7636	0.76396
CADCHF	02-08-18	15:32-17:30			0.76441	02-08-18 15:47	658.7615283	Other	NA	Electronic	0.76441	0.76478
CADCHF	03-08-18	09:32-11:30			0.7649	03-08-18 11:12	2635.046113	Other	NA	Electronic	0.76452	0.76489
CADCHF	03-08-18	11:32-13:30			0.76418	03-08-18 11:59	32938.07642	Other	NA	Electronic	0.7638	0.76418
CADCHF	03-08-18	13:32-15:30			0.76591	03-08-18 13:32	2635.046113	Other	NA	Electronic	0.76555	0.76591
CADCHF	03-08-18	15:32-17:30			0.76499	03-08-18 16:12	658.7615283	Other	NA	Electronic	0.76462	0.76499
CADCHF	06-08-18	09:32-11:30			0.76534	06-08-18 09:53	1317.523057	Other	NA	Electronic	0.76496	0.76534
CADCHF	06-08-18	11:32-13:30			0.76654	06-08-18 11:43	1317.523057	Other	NA	Electronic	0.76616	0.76654
CADCHF	06-08-18	13:32-15:30			0.76514	06-08-18 13:45	6587.615283	Other	NA	Electronic	0.76514	0.76551
CADCHF	06-08-18	15:32-17:30			0.7668	06-08-18 15:39	658.7615283	Other	NA	Electronic	0.76642	0.7668
CADCHF	07-08-18	09:32-11:30			0.76698	07-08-18 10:39	658.7615283	Other	NA	Electronic	0.76698	0.76736
CADCHF	07-08-18	11:32-13:30			0.76645	07-08-18 12:13	32938.07642	Other	NA	Electronic	0.76607	0.76645
CADCHF	07-08-18	13:30-13:32	0.76515	1317.523057								
CADCHF	07-08-18	15:32-17:30			0.76444	07-08-18 15:38	658.7615283	Other	NA	Electronic	0.76408	0.76444
CADCHF	08-08-18	09:32-11:30			0.76161	08-08-18 10:10	1317.523057	Other	NA	Electronic	0.76124	0.76161

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	08-08-18	11:32-13:30			0.76128	08-08-18 12:11	1317.523057	Other	NA	Electronic	0.7609	0.76128
CADCHF	08-08-18	13:30-13:32	0.76277	658.7615283								
CADCHF	08-08-18	15:32-17:30			0.76067	08-08-18 16:16	658.7615283	Other	NA	Electronic	0.76067	0.76105
CADCHF	09-08-18	09:32-11:30			0.76279	09-08-18 09:54	1317.523057	Other	NA	Electronic	0.76279	0.76316
CADCHF	09-08-18	11:32-13:30			0.7617	09-08-18 11:39	1317.523057	Other	NA	Electronic	0.7617	0.76207
CADCHF	09-08-18	13:32-15:30			0.76174	09-08-18 13:42	658.7615283	Other	NA	Electronic	0.76137	0.76174
CADCHF	09-08-18	15:30-15:32	0.75952	9881.422925								
CADCHF	10-08-18	09:30-09:32	0.75847	13175.23057								
CADCHF	10-08-18	11:32-13:30			0.75929	10-08-18 11:38	39525.6917	Other	NA	Electronic	0.75929	0.75967
CADCHF	10-08-18	13:32-15:30			0.75922	10-08-18 13:43	658.7615283	Other	NA	Electronic	0.75922	0.75958
CADCHF	10-08-18	15:32-17:30			0.75923	10-08-18 15:32	658.7615283	Other	NA	Electronic	0.75886	0.75923
CADCHF	13-08-18	09:32-11:30			0.75673	13-08-18 09:57	6587.615283	Other	NA	Electronic	0.75635	0.75673
CADCHF	13-08-18	11:32-13:30			0.75664	13-08-18 12:00	19762.84585	Other	NA	Electronic	0.75627	0.75664
CADCHF	13-08-18	13:32-15:30			0.75711	13-08-18 13:43	658.7615283	Other	NA	Electronic	0.75675	0.75711
CADCHF	13-08-18	15:32-17:30			0.75678	13-08-18 15:40	9881.422925	Other	NA	Electronic	0.75641	0.75678

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	14-08-18	09:32-11:30			0.75689	14-08-18 09:39	658.7615283	Other	NA	Electronic	0.75689	0.75729
CADCHF	14-08-18	11:30-11:32	0.75718	658.7615283								
CADCHF	14-08-18	13:32-15:30			0.75928	14-08-18 14:48	658.7615283	Other	NA	Electronic	0.75892	0.75928
CADCHF	14-08-18	15:32-17:30			0.75835	14-08-18 17:01	5928.853755	Other	NA	Electronic	0.75835	0.75873
CADCHF	15-08-18	09:30-09:32	0.76288	1317.523057								
CADCHF	15-08-18	11:32-13:30			0.76112	15-08-18 11:35	658.7615283	Other	NA	Electronic	0.76076	0.76113
CADCHF	15-08-18	13:32-15:30			0.76046	15-08-18 13:32	658.7615283	Other	NA	Electronic	0.76009	0.76046
CADCHF	15-08-18	15:32-17:30			0.75581	15-08-18 15:35	2635.046113	Other	NA	Electronic	0.75545	0.75581
CADCHF	16-08-18	09:32-11:30			0.75677	16-08-18 09:36	3293.807642	Other	NA	Electronic	0.7564	0.75677
CADCHF	16-08-18	11:32-13:30			0.75585	16-08-18 11:42	1317.523057	Other	NA	Electronic	0.75585	0.75623
CADCHF	16-08-18	13:32-15:30			0.75654	16-08-18 13:49	1317.523057	Other	NA	Electronic	0.75617	0.75654
CADCHF	16-08-18	15:32-17:30			0.75811	16-08-18 15:59	1317.523057	Other	NA	Electronic	0.75774	0.75812
CADCHF	17-08-18	09:32-11:30			0.75746	17-08-18 09:54	658.7615283	Other	NA	Electronic	0.75746	0.75784
CADCHF	17-08-18	11:32-13:30			0.75758	17-08-18 12:24	658.7615283	Other	NA	Electronic	0.75721	0.75758
CADCHF	17-08-18	13:32-15:30			0.76076	17-08-18 13:41	658.7615283	Other	NA	Electronic	0.76076	0.76112

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CADCHF	17-08-18	15:32-17:30			0.76068	17-08-18 16:13	658.7615283	Other	NA	Electronic	0.76031	0.76068
CADCHF	20-08-18	09:32-11:30			0.76219	20-08-18 09:36	658.7615283	Other	NA	Electronic	0.76219	0.76257
CADCHF	20-08-18	11:32-13:30			0.76105	20-08-18 12:01	32938.07642	Other	NA	Electronic	0.76105	0.76142
CADCHF	20-08-18	13:32-15:30			0.76023	20-08-18 13:32	1317.523057	Other	NA	Electronic	0.75986	0.76023
CADCHF	20-08-18	15:32-17:30			0.76052	20-08-18 16:07	658.7615283	Other	NA	Electronic	0.76052	0.7609
CADCHF	21-08-18	09:32-11:30			0.7585	21-08-18 09:47	32938.07642	Other	NA	Electronic	0.75813	0.7585
CADCHF	21-08-18	11:32-13:30			0.75891	21-08-18 11:56	658.7615283	Other	NA	Electronic	0.75854	0.75891
CADCHF	21-08-18	13:32-15:30			0.7574	21-08-18 13:32	658.7615283	Other	NA	Electronic	0.75703	0.7574
CADCHF	21-08-18	15:32-17:30			0.75671	21-08-18 15:57	1317.523057	Other	NA	Electronic	0.75671	0.75708
CADCHF	22-08-18	09:32-11:30			0.75552	22-08-18 10:08	1317.523057	Other	NA	Electronic	0.75515	0.75552
CADCHF	22-08-18	11:32-13:30			0.75409	22-08-18 11:53	658.7615283	Other	NA	Electronic	0.75373	0.7541
CADCHF	22-08-18	13:30-13:32	0.75415	13175.23057								
CADCHF	22-08-18	15:32-17:30			0.75553	22-08-18 15:40	3952.56917	Other	NA	Electronic	0.75519	0.75553
CADCHF	23-08-18	09:32-11:30			0.75475	23-08-18 09:44	6587.615283	Other	NA	Electronic	0.75438	0.75475
CADCHF	23-08-18	11:32-13:30			0.75445	23-08-18 12:02	658.7615283	Other	NA	Electronic	0.75408	0.75445



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	23-08-18	13:32-15:30			0.75414	23-08-18 13:47	5270.092227	Other	NA	Electronic	0.75377	0.75414
CADCHF	23-08-18	15:30-15:32	0.7544	658.7615283								
CADCHF	24-08-18	09:32-11:30			0.75322	24-08-18 10:42	3293.807642	Other	NA	Electronic	0.75285	0.75322
CADCHF	24-08-18	11:32-13:30			0.75272	24-08-18 12:03	658.7615283	Other	NA	Electronic	0.75235	0.75272
CADCHF	24-08-18	13:32-15:30			0.75375	24-08-18 13:32	658.7615283	Other	NA	Electronic	0.75338	0.75375
CADCHF	24-08-18	15:30-15:32	0.75384	658.7615283								
CADCHF	27-08-18	09:30-09:32	0.75478	1317.523057								
CADCHF	27-08-18	11:30-11:32	0.75306	658.7615283								
CADCHF	27-08-18	13:32-15:30			0.75324	27-08-18 13:34	658.7615283	Other	NA	Electronic	0.75288	0.75324
CADCHF	27-08-18	15:32-17:30			0.75491	27-08-18 15:33	658.7615283	Other	NA	Electronic	0.75491	0.75528
CADCHF	28-08-18	09:32-11:30			0.75443	28-08-18 09:40	658.7615283	Other	NA	Electronic	0.75443	0.7548
CADCHF	28-08-18	11:32-13:30			0.75476	28-08-18 12:01	1976.284585	Other	NA	Electronic	0.75439	0.75476
CADCHF	28-08-18	13:32-15:30			0.7553	28-08-18 14:07	658.7615283	Other	NA	Electronic	0.7553	0.75567
CADCHF	28-08-18	15:32-17:30			0.75519	28-08-18 15:44	1317.523057	Other	NA	Electronic	0.75482	0.75519
CADCHF	29-08-18	09:32-11:30			0.75511	29-08-18 09:44	658.7615283	Other	NA	Electronic	0.75511	0.75549

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	29-08-18	11:32-13:30			0.75421	29-08-18 12:03	658.7615283	Other	NA	Electronic	0.75421	0.75458
CADCHF	29-08-18	13:30-13:32	0.75315	6587.615283								
CADCHF	29-08-18	15:32-17:30			0.75133	29-08-18 15:38	658.7615283	Other	NA	Electronic	0.75133	0.7517
CADCHF	30-08-18	09:32-11:30			0.75044	30-08-18 09:52	658.7615283	Other	NA	Electronic	0.75044	0.7508
CADCHF	30-08-18	11:32-13:30			0.75073	30-08-18 11:34	658.7615283	Other	NA	Electronic	0.75036	0.75073
CADCHF	30-08-18	13:32-15:30			0.74781	30-08-18 13:42	1317.523057	Other	NA	Electronic	0.74743	0.74781
CADCHF	30-08-18	15:30-15:32	0.74781	13833.99209								
CADCHF	31-08-18	09:32-11:30			0.74355	31-08-18 10:14	2635.046113	Other	NA	Electronic	0.74318	0.74355
CADCHF	31-08-18	11:32-13:30			0.7421	31-08-18 11:50	1317.523057	Other	NA	Electronic	0.7421	0.74258
CADCHF	31-08-18	13:32-15:30			0.74215	31-08-18 13:46	658.7615283	Other	NA	Electronic	0.74215	0.74251
CADCHF	31-08-18	15:32-17:30			0.74121	31-08-18 15:46	22397.89196	Other	NA	Electronic	0.74121	0.74158
CADCHF	03-09-18	09:30-09:32	0.74356	3952.56917								
CADCHF	03-09-18	11:32-13:30			0.7424	03-09-18 12:13	6587.615283	Other	NA	Electronic	0.7424	0.74277
CADCHF	03-09-18	13:30-13:32	0.74248	3293.807642								
CADCHF	03-09-18	15:32-17:30			0.73992	03-09-18 15:35	1317.523057	Other	NA	Electronic	0.73992	0.74028

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	04-09-18	09:32-11:30			0.74063	04-09-18 09:34	6587.615283	Other	NA	Electronic	0.74027	0.74063
CADCHF	04-09-18	11:32-13:30			0.74026	04-09-18 11:47	658.7615283	Other	NA	Electronic	0.73989	0.74026
CADCHF	04-09-18	13:32-15:30			0.73837	04-09-18 13:48	1317.523057	Other	NA	Electronic	0.73837	0.73873
CADCHF	04-09-18	15:32-17:30			0.74012	04-09-18 16:08	658.7615283	Other	NA	Electronic	0.73975	0.74012
CADCHF	05-09-18	09:32-11:30			0.73837	05-09-18 10:02	658.7615283	Other	NA	Electronic	0.73837	0.73876
CADCHF	05-09-18	11:32-13:30			0.73972	05-09-18 11:39	19762.84585	Other	NA	Electronic	0.73935	0.73972
CADCHF	05-09-18	13:32-15:30			0.7388	05-09-18 13:36	658.7615283	Other	NA	Electronic	0.7388	0.73916
CADCHF	05-09-18	15:32-17:30			0.7362	05-09-18 15:35	3293.807642	Other	NA	Electronic	0.7362	0.73657
CADCHF	06-09-18	09:32-11:30			0.73613	06-09-18 09:40	4611.330698	Other	NA	Electronic	0.73613	0.7365
CADCHF	06-09-18	11:32-13:30			0.73527	06-09-18 11:32	1976.284585	Other	NA	Electronic	0.73527	0.73564
CADCHF	06-09-18	13:32-15:30			0.73391	06-09-18 13:35	4611.330698	Other	NA	Electronic	0.73391	0.73428
CADCHF	06-09-18	15:32-17:30			0.73323	06-09-18 15:32	66534.91436	Other	NA	Electronic	0.73287	0.73323
CADCHF	07-09-18	09:32-11:30			0.73459	07-09-18 09:34	65876.15283	Other	NA	Electronic	0.73459	0.73495
CADCHF	07-09-18	11:32-13:30			0.73576	07-09-18 12:07	2635.046113	Other	NA	Electronic	0.73576	0.73614
CADCHF	07-09-18	13:30-13:32	0.73529	2635.046113								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	07-09-18	15:32-17:30			0.73389	07-09-18 16:09	658.7615283	Other	NA	Electronic	0.73389	0.73429
CADCHF	10-09-18	09:32-11:30			0.73845	10-09-18 09:40	7246.376812	Other	NA	Electronic	0.73808	0.73845
CADCHF	10-09-18	11:32-13:30			0.73904	10-09-18 11:33	1317.523057	Other	NA	Electronic	0.73868	0.73904
CADCHF	10-09-18	13:30-13:32	0.74017	658.7615283								
CADCHF	10-09-18	15:30-15:32	0.7402	2635.046113								
CADCHF	11-09-18	09:32-11:30			0.74047	11-09-18 09:33	6587.615283	Other	NA	Electronic	0.74047	0.74084
CADCHF	11-09-18	11:32-13:30			0.73964	11-09-18 11:34	658.7615283	Other	NA	Electronic	0.73964	0.74001
CADCHF	11-09-18	13:32-15:30			0.74009	11-09-18 13:59	9222.661397	Other	NA	Electronic	0.73972	0.74009
CADCHF	11-09-18	15:32-17:30			0.74166	11-09-18 15:34	658.7615283	Other	NA	Electronic	0.74129	0.74166
CADCHF	12-09-18	09:32-11:30			0.74563	12-09-18 09:35	65876.15283	Other	NA	Electronic	0.74525	0.74563
CADCHF	12-09-18	11:30-11:32	0.74503	46113.30698								
CADCHF	12-09-18	13:32-15:30			0.74453	12-09-18 13:35	6587.615283	Other	NA	Electronic	0.74453	0.7449
CADCHF	12-09-18	15:32-17:30			0.74683	12-09-18 15:32	6587.615283	Other	NA	Electronic	0.74683	0.7472
CADCHF	13-09-18	09:32-11:30			0.74569	13-09-18 09:41	658.7615283	Other	NA	Electronic	0.74533	0.74569
CADCHF	13-09-18	11:32-13:30			0.74572	13-09-18 11:39	658.7615283	Other	NA	Electronic	0.74535	0.74572

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	13-09-18	13:32-15:30			0.74352	13-09-18 13:33	1317.523057	Other	NA	Electronic	0.74352	0.7439
CADCHF	13-09-18	15:32-17:30			0.74457	13-09-18 15:47	1317.523057	Other	NA	Electronic	0.7442	0.74457
CADCHF	14-09-18	09:32-11:30			0.74094	14-09-18 09:36	1317.523057	Other	NA	Electronic	0.74094	0.74132
CADCHF	14-09-18	11:30-11:32	0.74159	658.7615283								
CADCHF	14-09-18	13:32-15:30			0.74231	14-09-18 13:40	2635.046113	Other	NA	Electronic	0.74194	0.74231
CADCHF	14-09-18	15:32-17:30			0.74213	14-09-18 15:40	658.7615283	Other	NA	Electronic	0.74176	0.74213
CADCHF	17-09-18	09:32-11:30			0.74028	17-09-18 09:41	1317.523057	Other	NA	Electronic	0.74028	0.74065
CADCHF	17-09-18	11:32-13:30			0.73978	17-09-18 11:37	5270.092227	Other	NA	Electronic	0.73978	0.74014
CADCHF	17-09-18	13:32-15:30			0.73975	17-09-18 13:47	2635.046113	Other	NA	Electronic	0.73939	0.73975
CADCHF	17-09-18	15:30-15:32	0.7388	1317.523057								
CADCHF	18-09-18	09:30-09:32	0.73812	131752.3057								
CADCHF	18-09-18	11:32-13:30			0.73845	18-09-18 11:33	658.7615283	Other	NA	Electronic	0.73809	0.73845
CADCHF	18-09-18	13:32-15:30			0.73948	18-09-18 13:40	658.7615283	Other	NA	Electronic	0.73912	0.73948
CADCHF	18-09-18	15:30-15:32	0.74088	2635.046113								
CADCHF	19-09-18	09:32-11:30			0.74637	19-09-18 09:52	658.7615283	Other	NA	Electronic	0.74601	0.74637

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	19-09-18	11:30-11:32	0.74742	2635.046113								
CADCHF	19-09-18	13:32-15:30			0.74822	19-09-18 13:41	658.7615283	Other	NA	Electronic	0.74785	0.74822
CADCHF	19-09-18	15:32-17:30			0.74714	19-09-18 15:35	658.7615283	Other	NA	Electronic	0.74714	0.74751
CADCHF	20-09-18	09:32-11:30			0.74858	20-09-18 10:13	3293.807642	Other	NA	Electronic	0.74858	0.74895
CADCHF	20-09-18	11:30-11:32	0.74699	3293.807642								
CADCHF	20-09-18	13:30-13:32	0.74587	3293.807642								
CADCHF	20-09-18	15:32-17:30			0.74427	20-09-18 15:38	658.7615283	Other	NA	Electronic	0.74427	0.74464
CADCHF	21-09-18	09:32-11:30			0.73997	21-09-18 09:40	658.7615283	Other	NA	Electronic	0.73997	0.74033
CADCHF	21-09-18	11:32-13:30			0.74031	21-09-18 11:33	658.7615283	Other	NA	Electronic	0.74031	0.74067
CADCHF	21-09-18	13:32-15:30			0.74019	21-09-18 13:40	9881.422925	Other	NA	Electronic	0.74019	0.74058
CADCHF	21-09-18	15:30-15:32	0.74269	658.7615283								
CADCHF	24-09-18	09:32-11:30			0.74057	24-09-18 09:58	1317.523057	Other	NA	Electronic	0.74057	0.74093
CADCHF	24-09-18	11:32-13:30			0.74076	24-09-18 11:54	658.7615283	Other	NA	Electronic	0.74076	0.74112
CADCHF	24-09-18	13:32-15:30			0.74213	24-09-18 13:35	32938.07642	Other	NA	Electronic	0.74176	0.74213
CADCHF	24-09-18	15:30-15:32	0.74348	658.7615283								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	25-09-18	09:30-09:32	0.74593	658.7615283								
CADCHF	25-09-18	11:32-13:30			0.74429	25-09-18 11:38	32938.07642	Other	NA	Electronic	0.74429	0.74465
CADCHF	25-09-18	13:32-15:30			0.74566	25-09-18 14:03	6587.615283	Other	NA	Electronic	0.74566	0.74603
CADCHF	25-09-18	15:30-15:32	0.74595	658.7615283								
CADCHF	26-09-18	09:30-09:32	0.74605	1976.284585								
CADCHF	26-09-18	11:30-11:32	0.74723	1317.523057								
CADCHF	26-09-18	13:32-15:30			0.74815	26-09-18 14:03	658.7615283	Other	NA	Electronic	0.74778	0.74815
CADCHF	26-09-18	15:32-17:30			0.7467	26-09-18 15:59	65876.15283	Other	NA	Electronic	0.7467	0.74706
CADCHF	27-09-18	09:32-11:30			0.74187	27-09-18 09:37	1317.523057	Other	NA	Electronic	0.74187	0.74225
CADCHF	27-09-18	11:30-11:32	0.74371	10540.18445								
CADCHF	27-09-18	13:32-15:30			0.74588	27-09-18 13:35	658.7615283	Other	NA	Electronic	0.7455	0.74588
CADCHF	27-09-18	15:32-17:30			0.74897	27-09-18 15:36	658.7615283	Other	NA	Electronic	0.74897	0.74936
CADCHF	28-09-18	09:32-11:30			0.74891	28-09-18 09:49	13175.23057	Other	NA	Electronic	0.74891	0.74929
CADCHF	28-09-18	11:32-13:30			0.75149	28-09-18 12:04	658.7615283	Other	NA	Electronic	0.75112	0.75149
CADCHF	28-09-18	13:32-15:30			0.75265	28-09-18 13:33	3293.807642	Other	NA	Electronic	0.75265	0.75302

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	28-09-18	15:32-17:30			0.75499	28-09-18 16:22	658.7615283	Other	NA	Electronic	0.75462	0.75499
CADCHF	02-07-18	09:32-11:30			0.75354	02-07-18 10:02	3293.807642	Other	NA	Electronic	0.75354	0.75368
CADCHF	02-07-18	11:32-13:30			0.75396	02-07-18 12:58	3293.807642	Other	NA	Electronic	0.75383	0.75396
CADCHF	02-07-18	13:32-15:30			0.75408	02-07-18 13:50	658.7615283	Other	NA	Electronic	0.75408	0.75421
CADCHF	02-07-18	15:32-17:30			0.75269	02-07-18 16:28	658.7615283	Other	NA	Electronic	0.75256	0.75269
CADCHF	03-07-18	09:32-11:30			0.75445	03-07-18 09:34	3293.807642	Other	NA	Electronic	0.75445	0.75457
CADCHF	03-07-18	11:32-13:30			0.75525	03-07-18 11:39	3293.807642	Other	NA	Electronic	0.75525	0.75535
CADCHF	03-07-18	13:32-15:30			0.75359	03-07-18 14:30	5928.853755	Other	NA	Electronic	0.75359	0.75371
CADCHF	03-07-18	15:32-17:30			0.75392	03-07-18 15:33	1317.523057	Other	NA	Electronic	0.75379	0.75392
CADCHF	04-07-18	09:32-11:30			0.755	04-07-18 10:04	658.7615283	Other	NA	Electronic	0.755	0.75514
CADCHF	04-07-18	11:32-13:30			0.75522	04-07-18 11:34	65876.15283	Other	NA	Electronic	0.75522	0.75536
CADCHF	04-07-18	13:32-15:30			0.75517	04-07-18 14:03	658.7615283	Other	NA	Electronic	0.75502	0.75517
CADCHF	05-07-18	09:30-09:32	0.75555	3293.807642								
CADCHF	05-07-18	13:32-15:30			0.75568	05-07-18 13:34	658.7615283	Other	NA	Electronic	0.75568	0.75582
CADCHF	06-07-18	11:32-13:30			0.75569	06-07-18 12:15	9881.422925	Other	NA	Electronic	0.75556	0.75569



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	06-07-18	13:32-15:30			0.75409	06-07-18 13:34	7905.13834	Other	NA	Electronic	0.75396	0.75409
CADCHF.	09-07-18	09:32-11:30			0.75546	09-07-18 10:15	3293.807642	Other	NA	Electronic	0.75534	0.75546
CADCHF.	09-07-18	11:32-13:30			0.75559	09-07-18 12:27	658.7615283	Other	NA	Electronic	0.75546	0.75559
CADCHF.	09-07-18	13:32-15:30			0.75681	09-07-18 13:39	3293.807642	Other	NA	Electronic	0.75681	0.75694
CADCHF.	09-07-18	15:32-17:30			0.75687	09-07-18 16:52	131752.3057	Other	NA	Electronic	0.75674	0.75687
CADCHF.	10-07-18	09:32-11:30			0.75659	10-07-18 10:01	3293.807642	Other	NA	Electronic	0.75659	0.75673
CADCHF.	10-07-18	11:32-13:30			0.75728	10-07-18 12:38	658.7615283	Other	NA	Electronic	0.75728	0.75741
CADCHF.	10-07-18	15:32-17:30			0.75651	10-07-18 15:36	3293.807642	Other	NA	Electronic	0.75651	0.75664
CADCHF.	11-07-18	09:32-11:30			0.75537	11-07-18 09:43	3293.807642	Other	NA	Electronic	0.75524	0.75537
CADCHF.	11-07-18	11:32-13:30			0.75509	11-07-18 12:58	13175.23057	Other	NA	Electronic	0.75496	0.75509
CADCHF.	11-07-18	13:32-15:30			0.75507	11-07-18 13:51	13175.23057	Other	NA	Electronic	0.75499	0.75507
CADCHF.	11-07-18	15:32-17:30			0.75599	11-07-18 15:37	658.7615283	Other	NA	Electronic	0.75586	0.75599
CADCHF.	12-07-18	09:32-11:30			0.75564	12-07-18 10:01	32938.07642	Other	NA	Electronic	0.75564	0.75578
CADCHF.	12-07-18	11:32-13:30			0.75753	12-07-18 11:59	658.7615283	Other	NA	Electronic	0.75753	0.75766
CADCHF.	12-07-18	13:32-15:30			0.76025	12-07-18 13:37	1317.523057	Other	NA	Electronic	0.76025	0.76038

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	12-07-18	15:32-17:30			0.76103	12-07-18 15:43	32938.07642	Other	NA	Electronic	0.7609	0.76103
CADCHF.	13-07-18	09:32-11:30			0.76149	13-07-18 10:11	38866.93017	Other	NA	Electronic	0.76149	0.76162
CADCHF.	13-07-18	11:32-13:30			0.76189	13-07-18 12:54	3293.807642	Other	NA	Electronic	0.76189	0.76202
CADCHF.	13-07-18	15:32-17:30			0.76145	13-07-18 16:06	26350.46113	Other	NA	Electronic	0.76145	0.76158
CADCHF.	16-07-18	09:32-11:30			0.75921	16-07-18 10:48	658.7615283	Other	NA	Electronic	0.75921	0.75934
CADCHF.	16-07-18	11:32-13:30			0.75936	16-07-18 11:50	1317.523057	Other	NA	Electronic	0.75936	0.75949
CADCHF.	16-07-18	13:32-15:30			0.75981	16-07-18 13:38	658.7615283	Other	NA	Electronic	0.75968	0.75981
CADCHF.	16-07-18	15:32-17:30			0.75995	16-07-18 16:29	6587.615283	Other	NA	Electronic	0.75981	0.75995
CADCHF.	17-07-18	09:32-11:30			0.75622	17-07-18 10:14	5270.092227	Other	NA	Electronic	0.75609	0.75622
CADCHF.	17-07-18	11:32-13:30			0.75677	17-07-18 12:35	32938.07642	Other	NA	Electronic	0.75665	0.75677
CADCHF.	17-07-18	13:32-15:30			0.75735	17-07-18 15:00	3293.807642	Other	NA	Electronic	0.75722	0.75735
CADCHF.	17-07-18	15:32-17:30			0.75618	17-07-18 16:46	3293.807642	Other	NA	Electronic	0.75618	0.75631
CADCHF.	18-07-18	09:32-11:30			0.75549	18-07-18 09:48	658.7615283	Other	NA	Electronic	0.75549	0.75562
CADCHF.	18-07-18	11:32-13:30			0.75492	18-07-18 11:58	16469.03821	Other	NA	Electronic	0.75492	0.75505
CADCHF.	18-07-18	15:32-17:30			0.75693	18-07-18 15:44	1976.284585	Other	NA	Electronic	0.7568	0.75693

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	19-07-18	09:32-11:30			0.75702	19-07-18 10:18	1317.523057	Other	NA	Electronic	0.75702	0.75714
CADCHF.	19-07-18	11:32-13:30			0.75686	19-07-18 11:44	1317.523057	Other	NA	Electronic	0.75686	0.757
CADCHF.	19-07-18	13:32-15:30			0.75752	19-07-18 13:39	658.7615283	Other	NA	Electronic	0.75752	0.75763
CADCHF.	19-07-18	15:32-17:30			0.75499	19-07-18 15:54	2635.046113	Other	NA	Electronic	0.75486	0.75499
CADCHF.	20-07-18	09:32-11:30			0.75369	20-07-18 11:22	1317.523057	Other	NA	Electronic	0.75369	0.75377
CADCHF.	20-07-18	11:32-13:30			0.75338	20-07-18 11:53	5270.092227	Other	NA	Electronic	0.75338	0.75351
CADCHF.	20-07-18	15:32-17:30			0.7575	20-07-18 15:40	658.7615283	Other	NA	Electronic	0.75736	0.75749
CADCHF.	23-07-18	09:32-11:30			0.75521	23-07-18 10:31	658.7615283	Other	NA	Electronic	0.75508	0.75521
CADCHF.	23-07-18	15:32-17:30			0.75438	23-07-18 15:34	6587.615283	Other	NA	Electronic	0.75438	0.75451
CADCHF.	24-07-18	09:32-11:30			0.75485	24-07-18 09:32	1317.523057	Other	NA	Electronic	0.75472	0.75485
CADCHF.	24-07-18	11:32-13:30			0.75445	24-07-18 13:00	1317.523057	Other	NA	Electronic	0.75445	0.7546
CADCHF.	24-07-18	13:32-15:30			0.75543	24-07-18 13:45	6587.615283	Other	NA	Electronic	0.75543	0.75557
CADCHF.	24-07-18	15:32-17:30			0.75577	24-07-18 17:11	164690.3821	Other	NA	Electronic	0.75577	0.75591
CADCHF.	25-07-18	09:32-11:30			0.75478	25-07-18 09:53	65876.15283	Other	NA	Electronic	0.75465	0.75478
CADCHF.	25-07-18	11:32-13:30			0.75542	25-07-18 11:36	52700.92227	Other	NA	Electronic	0.75528	0.75542

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	25-07-18	13:32-15:30			0.75825	25-07-18 13:50	658.7615283	Other	NA	Electronic	0.75812	0.75826
CADCHF.	26-07-18	09:32-11:30			0.76135	26-07-18 09:42	6587.615283	Other	NA	Electronic	0.76135	0.76148
CADCHF.	26-07-18	11:32-13:30			0.75959	26-07-18 12:02	1976.284585	Other	NA	Electronic	0.75958	0.75972
CADCHF.	26-07-18	13:32-15:30			0.76109	26-07-18 13:47	3293.807642	Other	NA	Electronic	0.7611	0.76124
CADCHF.	26-07-18	15:32-17:30			0.75986	26-07-18 16:50	7246.376812	Other	NA	Electronic	0.75986	0.76
CADCHF.	27-07-18	09:32-11:30			0.7628	27-07-18 09:53	658.7615283	Other	NA	Electronic	0.76282	0.76295
CADCHF.	27-07-18	11:32-13:30			0.76279	27-07-18 11:39	144927.5362	Other	NA	Electronic	0.76266	0.7628
CADCHF.	27-07-18	13:30-13:32	0.76197	13175.23057								
CADCHF.	27-07-18	15:32-17:30			0.76131	27-07-18 15:51	3293.807642	Other	NA	Electronic	0.76117	0.76131
CADCHF.	30-07-18	09:32-11:30			0.75984	30-07-18 09:34	3293.807642	Other	NA	Electronic	0.75984	0.75996
CADCHF.	30-07-18	11:32-13:30			0.76106	30-07-18 11:43	6587.615283	Other	NA	Electronic	0.76094	0.76106
CADCHF.	30-07-18	13:30-13:32	0.76024	13175.23057								
CADCHF.	30-07-18	15:30-15:32	0.75986	658.7615283								
CADCHF.	31-07-18	09:32-11:30			0.75725	31-07-18 10:20	3293.807642	Other	NA	Electronic	0.75725	0.75738
CADCHF.	31-07-18	11:32-13:30			0.7577	31-07-18 12:25	6587.615283	Other	NA	Electronic	0.75756	0.7577

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	31-07-18	15:32-17:30			0.76053	31-07-18 16:29	5928.853755	Other	NA	Electronic	0.76053	0.76067
CADCHF.	01-08-18	09:32-11:30			0.76141	01-08-18 09:32	658.7615283	Other	NA	Electronic	0.76141	0.7615
CADCHF.	01-08-18	11:32-13:30			0.76221	01-08-18 13:04	3293.807642	Other	NA	Electronic	0.76207	0.76221
CADCHF.	01-08-18	13:32-15:30			0.76397	01-08-18 14:20	1976.284585	Other	NA	Electronic	0.76397	0.76409
CADCHF.	01-08-18	15:32-17:30			0.76316	01-08-18 15:38	7246.376812	Other	NA	Electronic	0.76316	0.76329
CADCHF.	02-08-18	09:32-11:30			0.76262	02-08-18 10:03	2635.046113	Other	NA	Electronic	0.76262	0.76276
CADCHF.	02-08-18	11:32-13:30			0.76344	02-08-18 12:51	3293.807642	Other	NA	Electronic	0.76331	0.76344
CADCHF.	02-08-18	13:32-15:30			0.76354	02-08-18 13:57	658.7615283	Other	NA	Electronic	0.76354	0.76365
CADCHF.	02-08-18	15:32-17:30			0.7649	02-08-18 16:41	1976.284585	Other	NA	Electronic	0.76478	0.7649
CADCHF.	03-08-18	11:32-13:30			0.76362	03-08-18 12:02	7246.376812	Other	NA	Electronic	0.7635	0.76362
CADCHF.	03-08-18	13:32-15:30			0.7653	03-08-18 13:50	164690.3821	Other	NA	Electronic	0.76522	0.7653
CADCHF.	03-08-18	15:32-17:30			0.76466	03-08-18 15:39	5270.092227	Other	NA	Electronic	0.76466	0.7648
CADCHF.	06-08-18	09:32-11:30			0.76673	06-08-18 11:26	658.7615283	Other	NA	Electronic	0.76661	0.76673
CADCHF.	06-08-18	13:32-15:30			0.76657	06-08-18 14:30	13175.23057	Other	NA	Electronic	0.76644	0.76657
CADCHF.	06-08-18	15:32-17:30			0.76609	06-08-18 16:25	30961.79183	Other	NA	Electronic	0.76595	0.76609

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	07-08-18	09:32-11:30			0.76706	07-08-18 10:50	658.7615283	Other	NA	Electronic	0.76693	0.76706
CADCHF.	07-08-18	11:32-13:30			0.76644	07-08-18 12:08	658.7615283	Other	NA	Electronic	0.76644	0.76656
CADCHF.	07-08-18	13:32-15:30			0.76538	07-08-18 14:08	658.7615283	Other	NA	Electronic	0.76538	0.76551
CADCHF.	08-08-18	09:32-11:30			0.76149	08-08-18 09:33	6587.615283	Other	NA	Electronic	0.76139	0.76149
CADCHF.	08-08-18	11:30-11:32	0.76127	6587.615283								
CADCHF.	08-08-18	13:32-15:30			0.76203	08-08-18 13:47	658.7615283	Other	NA	Electronic	0.76192	0.76203
CADCHF.	09-08-18	11:32-13:30			0.76139	09-08-18 11:50	1317.523057	Other	NA	Electronic	0.76139	0.76152
CADCHF.	09-08-18	13:32-15:30			0.76	09-08-18 14:17	1976.284585	Other	NA	Electronic	0.76	0.76013
CADCHF.	10-08-18	09:32-11:30			0.75983	10-08-18 10:22	1317.523057	Other	NA	Electronic	0.7597	0.75983
CADCHF.	10-08-18	11:32-13:30			0.75867	10-08-18 12:05	1317.523057	Other	NA	Electronic	0.75867	0.7588
CADCHF.	10-08-18	13:30-13:32	0.75927	658.7615283								
CADCHF.	10-08-18	15:32-17:30			0.75873	10-08-18 15:46	1317.523057	Other	NA	Electronic	0.7586	0.75874
CADCHF.	13-08-18	09:32-11:30			0.75651	13-08-18 10:00	5270.092227	Other	NA	Electronic	0.75651	0.75664
CADCHF.	13-08-18	11:32-13:30			0.75553	13-08-18 11:33	3293.807642	Other	NA	Electronic	0.7554	0.75553
CADCHF.	13-08-18	13:32-15:30			0.75758	13-08-18 14:16	658.7615283	Other	NA	Electronic	0.75745	0.75758

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	13-08-18	15:32-17:30			0.75617	13-08-18 15:50	658.7615283	Other	NA	Electronic	0.75617	0.75629
CADCHF.	14-08-18	09:32-11:30			0.75716	14-08-18 09:41	1976.284585	Other	NA	Electronic	0.75702	0.75716
CADCHF.	14-08-18	11:32-13:30			0.75698	14-08-18 11:46	658.7615283	Other	NA	Electronic	0.75698	0.75711
CADCHF.	14-08-18	13:32-15:30			0.75802	14-08-18 14:30	1976.284585	Other	NA	Electronic	0.75802	0.75815
CADCHF.	14-08-18	15:32-17:30			0.75798	14-08-18 15:37	1317.523057	Other	NA	Electronic	0.75786	0.75798
CADCHF.	15-08-18	09:32-11:30			0.76139	15-08-18 10:47	1317.523057	Other	NA	Electronic	0.76139	0.76153
CADCHF.	15-08-18	11:32-13:30			0.76074	15-08-18 11:35	658.7615283	Other	NA	Electronic	0.76074	0.76087
CADCHF.	15-08-18	13:32-15:30			0.75999	15-08-18 13:43	658.7615283	Other	NA	Electronic	0.75986	0.75999
CADCHF.	15-08-18	15:32-17:30			0.75582	15-08-18 16:01	1976.284585	Other	NA	Electronic	0.75569	0.75582
CADCHF.	16-08-18	09:32-11:30			0.75694	16-08-18 10:06	1317.523057	Other	NA	Electronic	0.75682	0.75694
CADCHF.	16-08-18	11:32-13:30			0.756	16-08-18 12:02	658.7615283	Other	NA	Electronic	0.756	0.75613
CADCHF.	16-08-18	13:32-15:30			0.75768	16-08-18 15:16	1317.523057	Other	NA	Electronic	0.75768	0.75782
CADCHF.	16-08-18	15:30-15:32	0.75718	658.7615283								
CADCHF.	17-08-18	09:32-11:30			0.757	17-08-18 11:24	67852.43742	Other	NA	Electronic	0.757	0.75712
CADCHF.	17-08-18	11:32-13:30			0.75712	17-08-18 11:43	13175.23057	Other	NA	Electronic	0.75712	0.75726

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	17-08-18	13:32-15:30			0.76086	17-08-18 13:38	13175.23057	Other	NA	Electronic	0.76073	0.76086
CADCHF.	17-08-18	15:32-17:30			0.76049	17-08-18 16:00	6587.615283	Other	NA	Electronic	0.76036	0.76049
CADCHF.	20-08-18	11:32-13:30			0.75997	20-08-18 13:00	1317.523057	Other	NA	Electronic	0.75984	0.75997
CADCHF.	20-08-18	13:32-15:30			0.7605	20-08-18 14:12	3293.807642	Other	NA	Electronic	0.7605	0.76063
CADCHF.	20-08-18	15:30-15:32	0.76121	101449.2754								
CADCHF.	21-08-18	13:32-15:30			0.75725	21-08-18 13:46	3293.807642	Other	NA	Electronic	0.75712	0.75725
CADCHF.	21-08-18	15:32-17:30			0.75727	21-08-18 17:05	131752.3057	Other	NA	Electronic	0.75712	0.75727
CADCHF.	22-08-18	09:32-11:30			0.75495	22-08-18 09:47	1317.523057	Other	NA	Electronic	0.75482	0.75495
CADCHF.	22-08-18	11:32-13:30			0.75313	22-08-18 12:26	1317.523057	Other	NA	Electronic	0.753	0.75313
CADCHF.	22-08-18	15:32-17:30			0.75575	22-08-18 17:12	6587.615283	Other	NA	Electronic	0.75559	0.75575
CADCHF.	23-08-18	09:32-11:30			0.75417	23-08-18 10:12	658.7615283	Other	NA	Electronic	0.75417	0.75429
CADCHF.	23-08-18	11:32-13:30			0.75315	23-08-18 12:54	6587.615283	Other	NA	Electronic	0.75315	0.75328
CADCHF.	23-08-18	13:32-15:30			0.75455	23-08-18 15:19	658.7615283	Other	NA	Electronic	0.75442	0.75455
CADCHF.	23-08-18	15:32-17:30			0.75442	23-08-18 16:01	658.7615283	Other	NA	Electronic	0.75429	0.75442
CADCHF.	24-08-18	11:32-13:30			0.75307	24-08-18 11:46	4611.330698	Other	NA	Electronic	0.75294	0.75307



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	24-08-18	13:32-15:30			0.7545	24-08-18 14:04	1317.523057	Other	NA	Electronic	0.7545	0.75463
CADCHF.	24-08-18	15:32-17:30			0.75481	24-08-18 16:57	6587.615283	Other	NA	Electronic	0.75481	0.75494
CADCHF.	27-08-18	09:32-11:30			0.75429	27-08-18 09:58	1317.523057	Other	NA	Electronic	0.75416	0.75429
CADCHF.	27-08-18	11:32-13:30			0.75307	27-08-18 11:33	1317.523057	Other	NA	Electronic	0.75307	0.7532
CADCHF.	27-08-18	13:32-15:30			0.75675	27-08-18 14:22	1317.523057	Other	NA	Electronic	0.75675	0.75689
CADCHF.	28-08-18	09:30-09:32	0.75431	1317.523057								
CADCHF.	28-08-18	11:32-13:30			0.75612	28-08-18 12:35	658.7615283	Other	NA	Electronic	0.75612	0.75625
CADCHF.	28-08-18	15:32-17:30			0.75473	28-08-18 15:42	6587.615283	Other	NA	Electronic	0.75473	0.75486
CADCHF.	29-08-18	11:32-13:30			0.75426	29-08-18 13:13	658.7615283	Other	NA	Electronic	0.75414	0.75426
CADCHF.	29-08-18	13:32-15:30			0.75274	29-08-18 13:37	658.7615283	Other	NA	Electronic	0.75274	0.75286
CADCHF.	29-08-18	15:32-17:30			0.75221	29-08-18 16:19	1317.523057	Other	NA	Electronic	0.75208	0.75221
CADCHF.	30-08-18	09:32-11:30			0.75091	30-08-18 10:27	658.7615283	Other	NA	Electronic	0.75091	0.75105
CADCHF.	30-08-18	11:32-13:30			0.75023	30-08-18 11:47	6587.615283	Other	NA	Electronic	0.75023	0.75035
CADCHF.	30-08-18	13:32-15:30			0.74779	30-08-18 14:31	658.7615283	Other	NA	Electronic	0.74765	0.74779
CADCHF.	30-08-18	15:32-17:30			0.74713	30-08-18 16:21	1317.523057	Other	NA	Electronic	0.747	0.74713

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	31-08-18	09:32-11:30			0.74346	31-08-18 10:08	5928.853755	Other	NA	Electronic	0.74333	0.74346
CADCHF.	31-08-18	11:32-13:30			0.7422	31-08-18 11:53	658.7615283	Other	NA	Electronic	0.7422	0.74233
CADCHF.	31-08-18	13:32-15:30			0.74273	31-08-18 13:56	32938.07642	Other	NA	Electronic	0.74273	0.74283
CADCHF.	31-08-18	15:32-17:30			0.7419	31-08-18 16:01	19762.84585	Other	NA	Electronic	0.7419	0.74202
CADCHF.	03-09-18	13:32-15:30			0.74212	03-09-18 13:35	66534.91436	Other	NA	Electronic	0.74198	0.74212
CADCHF.	03-09-18	15:32-17:30			0.73999	03-09-18 15:36	1976.284585	Other	NA	Electronic	0.73999	0.74012
CADCHF.	04-09-18	11:32-13:30			0.73887	04-09-18 13:19	3952.56917	Other	NA	Electronic	0.73874	0.73887
CADCHF.	04-09-18	13:32-15:30			0.73855	04-09-18 13:45	1976.284585	Other	NA	Electronic	0.73855	0.73871
CADCHF.	04-09-18	15:32-17:30			0.73994	04-09-18 16:03	658.7615283	Other	NA	Electronic	0.73981	0.73994
CADCHF.	05-09-18	11:32-13:30			0.74003	05-09-18 12:02	658.7615283	Other	NA	Electronic	0.7399	0.74003
CADCHF.	05-09-18	13:32-15:30			0.73894	05-09-18 13:45	658.7615283	Other	NA	Electronic	0.73894	0.73907
CADCHF.	05-09-18	15:32-17:30			0.73684	05-09-18 16:01	1976.284585	Other	NA	Electronic	0.73671	0.73684
CADCHF.	06-09-18	09:32-11:30			0.73645	06-09-18 09:35	658.7615283	Other	NA	Electronic	0.73632	0.73645
CADCHF.	06-09-18	11:32-13:30			0.735	06-09-18 11:48	658.7615283	Other	NA	Electronic	0.735	0.73512
CADCHF.	06-09-18	13:32-15:30			0.73447	06-09-18 13:45	3293.807642	Other	NA	Electronic	0.7343	0.73447

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	06-09-18	15:30-15:32	0.73309	658.7615283								
CADCHF.	07-09-18	11:32-13:30			0.73667	07-09-18 12:25	3293.807642	Other	NA	Electronic	0.73654	0.73667
CADCHF.	07-09-18	13:32-15:30			0.73549	07-09-18 14:18	658.7615283	Other	NA	Electronic	0.73549	0.73562
CADCHF.	10-09-18	09:32-11:30			0.73909	10-09-18 11:21	6587.615283	Other	NA	Electronic	0.73896	0.73909
CADCHF.	10-09-18	11:32-13:30			0.74004	10-09-18 13:23	658.7615283	Other	NA	Electronic	0.73991	0.74004
CADCHF.	10-09-18	13:32-15:30			0.7396	10-09-18 13:59	658.7615283	Other	NA	Electronic	0.7396	0.73975
CADCHF.	10-09-18	15:32-17:30			0.74009	10-09-18 16:05	658.7615283	Other	NA	Electronic	0.73996	0.74009
CADCHF.	11-09-18	09:32-11:30			0.74044	11-09-18 09:46	3952.56917	Other	NA	Electronic	0.74031	0.74044
CADCHF.	11-09-18	11:32-13:30			0.73992	11-09-18 13:03	658.7615283	Other	NA	Electronic	0.73979	0.73992
CADCHF.	11-09-18	13:32-15:30			0.74105	11-09-18 14:59	658.7615283	Other	NA	Electronic	0.74105	0.74119
CADCHF.	11-09-18	15:32-17:30			0.7416	11-09-18 16:08	658.7615283	Other	NA	Electronic	0.74147	0.7416
CADCHF.	12-09-18	11:32-13:30			0.74517	12-09-18 11:45	1317.523057	Other	NA	Electronic	0.74505	0.74517
CADCHF.	12-09-18	13:32-15:30			0.74492	12-09-18 13:55	658.7615283	Other	NA	Electronic	0.74479	0.74492
CADCHF.	13-09-18	09:32-11:30			0.74476	13-09-18 10:49	1317.523057	Other	NA	Electronic	0.74476	0.74489
CADCHF.	13-09-18	11:32-13:30			0.74464	13-09-18 12:30	6587.615283	Other	NA	Electronic	0.74464	0.74466

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	13-09-18	13:32-15:30			0.744	13-09-18 13:36	19762.84585	Other	NA	Electronic	0.744	0.74413
CADCHF.	13-09-18	15:32-17:30			0.74398	13-09-18 15:34	19762.84585	Other	NA	Electronic	0.74386	0.74398
CADCHF.	14-09-18	09:32-11:30			0.7409	14-09-18 09:39	3293.807642	Other	NA	Electronic	0.7409	0.74104
CADCHF.	14-09-18	11:32-13:30			0.74179	14-09-18 12:31	3293.807642	Other	NA	Electronic	0.74165	0.74179
CADCHF.	17-09-18	09:32-11:30			0.74006	17-09-18 09:46	1317.523057	Other	NA	Electronic	0.73992	0.74006
CADCHF.	17-09-18	11:32-13:30			0.73952	17-09-18 11:57	1317.523057	Other	NA	Electronic	0.73952	0.73965
CADCHF.	17-09-18	13:32-15:30			0.73948	17-09-18 13:57	6587.615283	Other	NA	Electronic	0.73934	0.73948
CADCHF.	17-09-18	15:32-17:30			0.73976	17-09-18 17:00	658.7615283	Other	NA	Electronic	0.73961	0.73976
CADCHF.	18-09-18	09:32-11:30			0.73813	18-09-18 09:40	1976.284585	Other	NA	Electronic	0.738	0.73813
CADCHF.	18-09-18	11:32-13:30			0.73799	18-09-18 12:00	658.7615283	Other	NA	Electronic	0.73787	0.73799
CADCHF.	18-09-18	13:32-15:30			0.73937	18-09-18 13:37	658.7615283	Other	NA	Electronic	0.73924	0.73937
CADCHF.	18-09-18	15:32-17:30			0.74116	18-09-18 16:02	1317.523057	Other	NA	Electronic	0.74116	0.74129
CADCHF.	19-09-18	09:30-09:32	0.74562	1317.523057								
CADCHF.	19-09-18	13:32-15:30			0.74743	19-09-18 14:13	658.7615283	Other	NA	Electronic	0.74743	0.74754
CADCHF.	19-09-18	15:32-17:30			0.74708	19-09-18 15:40	6587.615283	Other	NA	Electronic	0.74708	0.74721

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF.	20-09-18	09:32-11:30			0.74904	20-09-18 10:27	658.7615283	Other	NA	Electronic	0.74904	0.74917
CADCHF.	20-09-18	11:32-13:30			0.74599	20-09-18 12:01	1317.523057	Other	NA	Electronic	0.74586	0.74599
CADCHF.	20-09-18	13:32-15:30			0.74333	20-09-18 14:36	1317.523057	Other	NA	Electronic	0.74333	0.74346
CADCHF.	20-09-18	15:32-17:30			0.74455	20-09-18 16:36	1317.523057	Other	NA	Electronic	0.74443	0.74455
CADCHF.	21-09-18	09:32-11:30			0.74008	21-09-18 10:22	658.7615283	Other	NA	Electronic	0.74008	0.74019
CADCHF.	21-09-18	11:32-13:30			0.73913	21-09-18 12:19	658.7615283	Other	NA	Electronic	0.73901	0.73913
CADCHF.	21-09-18	13:32-15:30			0.74038	21-09-18 13:48	3293.807642	Other	NA	Electronic	0.74025	0.74038
CADCHF.	21-09-18	15:32-17:30			0.74332	21-09-18 16:05	2635.046113	Other	NA	Electronic	0.74332	0.74345
CADCHF.	24-09-18	09:32-11:30			0.74084	24-09-18 10:00	658.7615283	Other	NA	Electronic	0.74598	0.74611
CADCHF.	24-09-18	11:32-13:30			0.74276	24-09-18 13:04	658.7615283	Other	NA	Electronic	0.74263	0.74276
CADCHF.	25-09-18	13:32-15:30			0.74602	25-09-18 14:14	2635.046113	Other	NA	Electronic	0.74602	0.74614
CADCHF.	26-09-18	09:32-11:30			0.74598	26-09-18 09:36	658.7615283	Other	NA	Electronic	0.74598	0.74611
CADCHF.	26-09-18	11:32-13:30			0.74802	26-09-18 13:18	658.7615283	Other	NA	Electronic	0.74802	0.74815
CADCHF.	26-09-18	13:32-15:30			0.74685	26-09-18 14:42	2635.046113	Other	NA	Electronic	0.74685	0.74698
CADCHF.	26-09-18	15:32-17:30			0.74683	26-09-18 15:33	658.7615283	Other	NA	Electronic	0.74683	0.74696

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHF	27-09-18	09:30-09:32	0.74207	3952.56917								
CADCHF	27-09-18	11:32-13:30			0.74395	27-09-18 11:32	658.7615283	Other	NA	Electronic	0.74395	0.74409
CADCHF	27-09-18	13:32-15:30			0.74639	27-09-18 14:10	1317.523057	Other	NA	Electronic	0.74623	0.74639
CADCHF	27-09-18	15:32-17:30			0.75013	27-09-18 16:06	5928.853755	Other	NA	Electronic	0.75	0.75012
CADCHF	28-09-18	09:32-11:30			0.74811	28-09-18 10:03	13175.23057	Other	NA	Electronic	0.74811	0.74824
CADCHF	28-09-18	11:30-11:32	0.75099	1317.523057								
CADCHF	28-09-18	13:32-15:30			0.75379	28-09-18 13:52	32938.07642	Other	NA	Electronic	0.75365	0.75379
CADCHFmicro	02-07-18	09:32-11:30			0.75369	02-07-18 09:41	85.63899868	Other	NA	Electronic	0.75332	0.75369
CADCHFmicro	02-07-18	11:32-13:30			0.75423	02-07-18 11:42	131.7523057	Other	NA	Electronic	0.75386	0.75423
CADCHFmicro	02-07-18	13:32-15:30			0.75395	02-07-18 13:37	65.87615283	Other	NA	Electronic	0.75395	0.75432
CADCHFmicro	02-07-18	15:32-17:30			0.75273	02-07-18 15:41	65.87615283	Other	NA	Electronic	0.75273	0.75312
CADCHFmicro	03-07-18	09:32-11:30			0.75474	03-07-18 09:36	329.3807642	Other	NA	Electronic	0.75437	0.75474
CADCHFmicro	03-07-18	11:32-13:30			0.75563	03-07-18 11:34	32.93807642	Other	NA	Electronic	0.7553	0.75563
CADCHFmicro	03-07-18	13:32-15:30			0.7553	03-07-18 13:32	131.7523057	Other	NA	Electronic	0.75493	0.7553
CADCHFmicro	03-07-18	15:32-17:30			0.75365	03-07-18 15:38	151.5151515	Other	NA	Electronic	0.75365	0.75402

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	04-07-18	09:32-11:30			0.75538	04-07-18 09:38	3293.807642	Other	NA	Electronic	0.75498	0.75538
CADCHFmicro	04-07-18	11:32-13:30			0.7548	04-07-18 12:21	1976.284585	Other	NA	Electronic	0.7548	0.75519
CADCHFmicro	04-07-18	13:32-15:30			0.75551	04-07-18 13:45	13.17523057	Other	NA	Electronic	0.75512	0.75551
CADCHFmicro	04-07-18	15:32-17:30			0.75617	04-07-18 15:37	125.1646904	Other	NA	Electronic	0.75578	0.75617
CADCHFmicro	05-07-18	09:32-11:30			0.75537	05-07-18 10:03	65.87615283	Other	NA	Electronic	0.755	0.75537
CADCHFmicro	05-07-18	11:32-13:30			0.75509	05-07-18 12:11	19.76284585	Other	NA	Electronic	0.75509	0.75546
CADCHFmicro	05-07-18	13:32-15:30			0.75569	05-07-18 13:36	658.7615283	Other	NA	Electronic	0.75569	0.75605
CADCHFmicro	05-07-18	15:32-17:30			0.75597	05-07-18 15:35	6653.491436	Other	NA	Electronic	0.75597	0.75634
CADCHFmicro	06-07-18	09:32-11:30			0.75588	06-07-18 09:34	395.256917	Other	NA	Electronic	0.75552	0.75588
CADCHFmicro	06-07-18	11:30-11:32	0.75575	309.6179183								
CADCHFmicro	06-07-18	13:30-13:32	0.75385	13175.23057								
CADCHFmicro	06-07-18	15:32-17:30			0.75667	06-07-18 15:33	461.1330698	Other	NA	Electronic	0.75629	0.75667
CADCHFmicro	09-07-18	09:30-09:32	0.75499	65.87615283								
CADCHFmicro	09-07-18	11:32-13:30			0.75538	09-07-18 11:35	65.87615283	Other	NA	Electronic	0.75538	0.75575
CADCHFmicro	09-07-18	13:32-15:30			0.75705	09-07-18 13:41	131.7523057	Other	NA	Electronic	0.75668	0.75705

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	09-07-18	15:32-17:30			0.75656	09-07-18 15:34	32.93807642	Other	NA	Electronic	0.75656	0.75693
CADCHFmicro	10-07-18	09:32-11:30			0.75691	10-07-18 10:12	65.87615283	Other	NA	Electronic	0.75654	0.75691
CADCHFmicro	10-07-18	11:32-13:30			0.75756	10-07-18 11:37	1317.523057	Other	NA	Electronic	0.75719	0.75756
CADCHFmicro	10-07-18	13:32-15:30			0.7569	10-07-18 13:32	6.587615283	Other	NA	Electronic	0.75652	0.7569
CADCHFmicro	10-07-18	15:30-15:32	0.75653	13.17523057								
CADCHFmicro	11-07-18	09:32-11:30			0.75511	11-07-18 09:37	65.87615283	Other	NA	Electronic	0.75511	0.75549
CADCHFmicro	11-07-18	11:32-13:30			0.75622	11-07-18 11:45	2635.046113	Other	NA	Electronic	0.75585	0.75622
CADCHFmicro	11-07-18	13:30-13:32	0.75446	329.3807642								
CADCHFmicro	11-07-18	15:30-15:32	0.75565	658.7615283								
CADCHFmicro	12-07-18	09:32-11:30			0.75548	12-07-18 09:32	1317.523057	Other	NA	Electronic	0.75548	0.75585
CADCHFmicro	12-07-18	11:32-13:30			0.75698	12-07-18 11:50	6.587615283	Other	NA	Electronic	0.75698	0.75736
CADCHFmicro	12-07-18	13:30-13:32	0.76012	2786.561265								
CADCHFmicro	12-07-18	15:32-17:30			0.76043	12-07-18 15:34	131.7523057	Other	NA	Electronic	0.76043	0.76081
CADCHFmicro	13-07-18	09:32-11:30			0.76106	13-07-18 09:52	1317.523057	Other	NA	Electronic	0.76106	0.76143
CADCHFmicro	13-07-18	11:32-13:30			0.76196	13-07-18 11:39	527.0092227	Other	NA	Electronic	0.76196	0.76235



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	13-07-18	13:32-15:30			0.76205	13-07-18 13:46	32.93807642	Other	NA	Electronic	0.76168	0.76205
CADCHFmicro	13-07-18	15:32-17:30			0.76168	13-07-18 15:32	19.76284585	Other	NA	Electronic	0.76168	0.76205
CADCHFmicro	16-07-18	09:32-11:30			0.7603	16-07-18 09:38	98.81422925	Other	NA	Electronic	0.7603	0.76066
CADCHFmicro	16-07-18	11:32-13:30			0.75869	16-07-18 11:34	164.6903821	Other	NA	Electronic	0.75871	0.75904
CADCHFmicro	16-07-18	13:30-13:32	0.7597	98.81422925								
CADCHFmicro	16-07-18	15:30-15:32	0.75979	197.6284585								
CADCHFmicro	17-07-18	09:32-11:30			0.75642	17-07-18 10:00	65.87615283	Other	NA	Electronic	0.75644	0.7568
CADCHFmicro	17-07-18	11:32-13:30			0.75654	17-07-18 11:41	6.587615283	Other	NA	Electronic	0.75618	0.75654
CADCHFmicro	17-07-18	13:32-15:30			0.756	17-07-18 13:39	329.3807642	Other	NA	Electronic	0.75564	0.756
CADCHFmicro	17-07-18	15:30-15:32	0.7565	65.87615283								
CADCHFmicro	18-07-18	09:32-11:30			0.756	18-07-18 09:33	480.8959157	Other	NA	Electronic	0.756	0.75638
CADCHFmicro	18-07-18	11:32-13:30			0.75569	18-07-18 11:33	65.87615283	Other	NA	Electronic	0.75533	0.75569
CADCHFmicro	18-07-18	13:32-15:30			0.75574	18-07-18 13:48	65.87615283	Other	NA	Electronic	0.75536	0.75574
CADCHFmicro	18-07-18	15:32-17:30			0.75688	18-07-18 15:36	724.6376812	Other	NA	Electronic	0.7565	0.75688
CADCHFmicro	19-07-18	09:32-11:30			0.75746	19-07-18 09:54	32.93807642	Other	NA	Electronic	0.75708	0.75746

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	19-07-18	11:32-13:30			0.75723	19-07-18 11:39	988.1422925	Other	NA	Electronic	0.75685	0.75723
CADCHFmicro	19-07-18	13:32-15:30			0.7566	19-07-18 13:34	13.17523057	Other	NA	Electronic	0.7566	0.75698
CADCHFmicro	19-07-18	15:30-15:32	0.75478	1225.296443								
CADCHFmicro	20-07-18	09:32-11:30			0.75395	20-07-18 09:33	658.7615283	Other	NA	Electronic	0.75395	0.75433
CADCHFmicro	20-07-18	11:32-13:30			0.7532	20-07-18 11:43	658.7615283	Other	NA	Electronic	0.7532	0.75356
CADCHFmicro	20-07-18	13:32-15:30			0.75721	20-07-18 13:40	6.587615283	Other	NA	Electronic	0.75721	0.75758
CADCHFmicro	20-07-18	15:32-17:30			0.75741	20-07-18 15:42	658.7615283	Other	NA	Electronic	0.75741	0.75779
CADCHFmicro	23-07-18	09:30-09:32	0.75474	658.7615283								
CADCHFmicro	23-07-18	11:32-13:30			0.75447	23-07-18 11:35	32.93807642	Other	NA	Electronic	0.7541	0.75447
CADCHFmicro	23-07-18	13:32-15:30			0.75395	23-07-18 13:57	981.5546772	Other	NA	Electronic	0.75395	0.75432
CADCHFmicro	23-07-18	15:32-17:30			0.75499	23-07-18 15:59	65.87615283	Other	NA	Electronic	0.75462	0.75499
CADCHFmicro	24-07-18	09:32-11:30			0.75438	24-07-18 09:56	3293.807642	Other	NA	Electronic	0.75438	0.75475
CADCHFmicro	24-07-18	11:32-13:30			0.75512	24-07-18 11:35	658.7615283	Other	NA	Electronic	0.75474	0.75512
CADCHFmicro	24-07-18	13:32-15:30			0.75566	24-07-18 13:33	65.87615283	Other	NA	Electronic	0.7553	0.75566
CADCHFmicro	24-07-18	15:32-17:30			0.75496	24-07-18 15:54	1317.523057	Other	NA	Electronic	0.75496	0.75534

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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CADCHFmicro	25-07-18	09:32-11:30			0.75453	25-07-18 09:53	1317.523057	Other	NA	Electronic	0.75453	0.7549
CADCHFmicro	25-07-18	11:32-13:30			0.75564	25-07-18 11:41	65.87615283	Other	NA	Electronic	0.75527	0.75564
CADCHFmicro	25-07-18	13:32-15:30			0.75729	25-07-18 13:37	1317.523057	Other	NA	Electronic	0.75729	0.75764
CADCHFmicro	25-07-18	15:30-15:32	0.75757	131.7523057								
CADCHFmicro	26-07-18	09:30-09:32	0.76147	1403.162055								
CADCHFmicro	26-07-18	11:32-13:30			0.76066	26-07-18 11:32	329.3807642	Other	NA	Electronic	0.76066	0.76104
CADCHFmicro	26-07-18	13:32-15:30			0.76122	26-07-18 13:37	6.587615283	Other	NA	Electronic	0.76122	0.76159
CADCHFmicro	26-07-18	15:30-15:32	0.75985	65.87615283								
CADCHFmicro	27-07-18	09:30-09:32	0.76274	131.7523057								
CADCHFmicro	27-07-18	11:32-13:30			0.76283	27-07-18 11:34	1251.646904	Other	NA	Electronic	0.76283	0.76321
CADCHFmicro	27-07-18	13:32-15:30			0.76217	27-07-18 13:33	1330.698287	Other	NA	Electronic	0.76179	0.76217
CADCHFmicro	27-07-18	15:32-17:30			0.76172	27-07-18 15:34	65.87615283	Other	NA	Electronic	0.76135	0.76172
CADCHFmicro	30-07-18	09:30-09:32	0.7595	750.9881423								
CADCHFmicro	30-07-18	11:32-13:30			0.76096	30-07-18 11:58	658.7615283	Other	NA	Electronic	0.76059	0.76096
CADCHFmicro	30-07-18	13:32-15:30			0.76068	30-07-18 13:56	750.9881423	Other	NA	Electronic	0.76068	0.76106

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CADCHFmicro	30-07-18	15:30-15:32	0.75974	65.87615283								
CADCHFmicro	31-07-18	09:30-09:32	0.75747	658.7615283								
CADCHFmicro	31-07-18	11:32-13:30			0.75774	31-07-18 12:03	65.87615283	Other	NA	Electronic	0.75738	0.75774
CADCHFmicro	31-07-18	13:32-15:30			0.75879	31-07-18 13:35	65.87615283	Other	NA	Electronic	0.75842	0.75879
CADCHFmicro	31-07-18	15:32-17:30			0.76003	31-07-18 15:37	65.87615283	Other	NA	Electronic	0.76003	0.7604
CADCHFmicro	01-08-18	09:30-09:32	0.76137	10013.17523								
CADCHFmicro	01-08-18	11:32-13:30			0.76097	01-08-18 11:41	329.3807642	Other	NA	Electronic	0.76097	0.76135
CADCHFmicro	01-08-18	13:32-15:30			0.76262	01-08-18 13:33	1317.523057	Other	NA	Electronic	0.76227	0.76262
CADCHFmicro	01-08-18	15:32-17:30			0.76284	01-08-18 15:59	65.87615283	Other	NA	Electronic	0.76284	0.76322
CADCHFmicro	02-08-18	09:32-11:30			0.7631	02-08-18 09:32	65.87615283	Other	NA	Electronic	0.7631	0.76348
CADCHFmicro	02-08-18	11:32-13:30			0.76328	02-08-18 11:48	65.87615283	Other	NA	Electronic	0.7629	0.76328
CADCHFmicro	02-08-18	13:32-15:30			0.76294	02-08-18 13:32	65.87615283	Other	NA	Electronic	0.76258	0.76294
CADCHFmicro	02-08-18	15:32-17:30			0.76438	02-08-18 15:42	65.87615283	Other	NA	Electronic	0.76402	0.76438
CADCHFmicro	03-08-18	09:32-11:30			0.76443	03-08-18 10:45	487.483531	Other	NA	Electronic	0.76443	0.76481
CADCHFmicro	03-08-18	11:30-11:32	0.76512	322.7931489								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	03-08-18	13:32-15:30			0.76551	03-08-18 13:32	131.7523057	Other	NA	Electronic	0.76551	0.76587
CADCHFmicro	03-08-18	15:30-15:32	0.76475	32.93807642								
CADCHFmicro	06-08-18	09:32-11:30			0.76514	06-08-18 09:45	816.8642951	Other	NA	Electronic	0.76476	0.76514
CADCHFmicro	06-08-18	11:30-11:32	0.76639	39.5256917								
CADCHFmicro	06-08-18	13:32-15:30			0.76577	06-08-18 13:42	72.46376812	Other	NA	Electronic	0.7654	0.76577
CADCHFmicro	06-08-18	15:32-17:30			0.76679	06-08-18 15:39	98.81422925	Other	NA	Electronic	0.76641	0.76679
CADCHFmicro	07-08-18	09:32-11:30			0.76728	07-08-18 09:40	65.87615283	Other	NA	Electronic	0.7669	0.76728
CADCHFmicro	07-08-18	11:32-13:30			0.76652	07-08-18 11:33	65.87615283	Other	NA	Electronic	0.76652	0.7669
CADCHFmicro	07-08-18	13:30-13:32	0.76536	329.3807642								
CADCHFmicro	07-08-18	15:30-15:32	0.76448	395.256917								
CADCHFmicro	08-08-18	09:32-11:30			0.76148	08-08-18 09:38	131.7523057	Other	NA	Electronic	0.76113	0.76149
CADCHFmicro	08-08-18	11:32-13:30			0.76138	08-08-18 12:22	131.7523057	Other	NA	Electronic	0.76138	0.76176
CADCHFmicro	08-08-18	13:32-15:30			0.76167	08-08-18 13:48	329.3807642	Other	NA	Electronic	0.76167	0.76203
CADCHFmicro	08-08-18	15:32-17:30			0.76102	08-08-18 15:39	72.46376812	Other	NA	Electronic	0.7606	0.76102
CADCHFmicro	09-08-18	09:32-11:30			0.76307	09-08-18 09:33	65.87615283	Other	NA	Electronic	0.76307	0.76344

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	09-08-18	11:30-11:32	0.76222	19802.37154								
CADCHFmicro	09-08-18	13:32-15:30			0.76101	09-08-18 13:48	65.87615283	Other	NA	Electronic	0.76102	0.7614
CADCHFmicro	09-08-18	15:32-17:30			0.75967	09-08-18 15:47	658.7615283	Other	NA	Electronic	0.7593	0.75967
CADCHFmicro	10-08-18	09:32-11:30			0.75893	10-08-18 09:39	98.81422925	Other	NA	Electronic	0.75893	0.7593
CADCHFmicro	10-08-18	11:32-13:30			0.75947	10-08-18 11:34	131.7523057	Other	NA	Electronic	0.75909	0.75947
CADCHFmicro	10-08-18	13:32-15:30			0.75893	10-08-18 13:56	6.587615283	Other	NA	Electronic	0.75855	0.75893
CADCHFmicro	10-08-18	15:32-17:30			0.75834	10-08-18 15:51	65.87615283	Other	NA	Electronic	0.75796	0.75834
CADCHFmicro	13-08-18	09:30-09:32	0.75662	131.7523057								
CADCHFmicro	13-08-18	11:32-13:30			0.75595	13-08-18 11:38	131.7523057	Other	NA	Electronic	0.75558	0.75595
CADCHFmicro	13-08-18	13:32-15:30			0.75713	13-08-18 13:46	6.587615283	Other	NA	Electronic	0.75713	0.75751
CADCHFmicro	13-08-18	15:30-15:32	0.75669	39.5256917								
CADCHFmicro	14-08-18	09:32-11:30			0.75731	14-08-18 09:39	658.7615283	Other	NA	Electronic	0.75694	0.75731
CADCHFmicro	14-08-18	11:32-13:30			0.75732	14-08-18 12:07	65.87615283	Other	NA	Electronic	0.75696	0.75732
CADCHFmicro	14-08-18	13:30-13:32	0.75741	658.7615283								
CADCHFmicro	14-08-18	15:32-17:30			0.75802	14-08-18 15:32	395.256917	Other	NA	Electronic	0.75765	0.75802

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	15-08-18	09:32-11:30			0.76283	15-08-18 09:33	32.93807642	Other	NA	Electronic	0.76246	0.76283
CADCHFmicro	15-08-18	11:30-11:32	0.7606	65.87615283								
CADCHFmicro	15-08-18	13:32-15:30			0.76049	15-08-18 13:32	1317.523057	Other	NA	Electronic	0.76013	0.76049
CADCHFmicro	15-08-18	15:30-15:32	0.75524	658.7615283								
CADCHFmicro	16-08-18	09:32-11:30			0.75643	16-08-18 09:58	131.7523057	Other	NA	Electronic	0.75643	0.7568
CADCHFmicro	16-08-18	11:32-13:30			0.75626	16-08-18 11:38	5276.679842	Other	NA	Electronic	0.75589	0.75626
CADCHFmicro	16-08-18	13:30-13:32	0.75642	98.81422925								
CADCHFmicro	16-08-18	15:30-15:32	0.75729	658.7615283								
CADCHFmicro	17-08-18	09:32-11:30			0.75705	17-08-18 10:01	6.587615283	Other	NA	Electronic	0.75705	0.75741
CADCHFmicro	17-08-18	11:32-13:30			0.75684	17-08-18 11:35	2635.046113	Other	NA	Electronic	0.75684	0.75724
CADCHFmicro	17-08-18	13:30-13:32	0.76064	461.1330698								
CADCHFmicro	17-08-18	15:32-17:30			0.75966	17-08-18 16:39	13175.23057	Other	NA	Electronic	0.75966	0.76003
CADCHFmicro	20-08-18	09:32-11:30			0.76198	20-08-18 09:53	65.87615283	Other	NA	Electronic	0.76198	0.76235
CADCHFmicro	20-08-18	11:32-13:30			0.76132	20-08-18 11:36	65.87615283	Other	NA	Electronic	0.76095	0.76132
CADCHFmicro	20-08-18	13:32-15:30			0.76049	20-08-18 13:37	32.93807642	Other	NA	Electronic	0.76012	0.76049

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	20-08-18	15:30-15:32	0.76109	65.87615283								
CADCHFmicro	21-08-18	09:32-11:30			0.75831	21-08-18 09:41	65.87615283	Other	NA	Electronic	0.75677	0.75714
CADCHFmicro	21-08-18	11:32-13:30			0.75935	21-08-18 12:09	3293.807642	Other	NA	Electronic	0.75898	0.75935
CADCHFmicro	21-08-18	13:32-15:30			0.75694	21-08-18 13:32	32.93807642	Other	NA	Electronic	0.75694	0.75731
CADCHFmicro	21-08-18	15:32-17:30			0.75687	21-08-18 15:32	32.93807642	Other	NA	Electronic	0.7565	0.75687
CADCHFmicro	22-08-18	09:30-09:32	0.75503	13.17523057								
CADCHFmicro	22-08-18	11:32-13:30			0.75477	22-08-18 11:34	658.7615283	Other	NA	Electronic	0.75477	0.75514
CADCHFmicro	22-08-18	13:30-13:32	0.754	98.81422925								
CADCHFmicro	22-08-18	15:32-17:30			0.75472	22-08-18 15:33	658.7615283	Other	NA	Electronic	0.75472	0.75509
CADCHFmicro	23-08-18	09:32-11:30			0.75464	23-08-18 09:45	1317.523057	Other	NA	Electronic	0.75428	0.75465
CADCHFmicro	23-08-18	11:32-13:30			0.75423	23-08-18 11:48	6.587615283	Other	NA	Electronic	0.75387	0.75423
CADCHFmicro	23-08-18	13:32-15:30			0.75408	23-08-18 13:33	65.87615283	Other	NA	Electronic	0.75371	0.75408
CADCHFmicro	23-08-18	15:32-17:30			0.75487	23-08-18 17:00	197.6284585	Other	NA	Electronic	0.75447	0.75487
CADCHFmicro	24-08-18	09:32-11:30			0.75261	24-08-18 09:39	1317.523057	Other	NA	Electronic	0.75225	0.75261
CADCHFmicro	24-08-18	11:32-13:30			0.75281	24-08-18 11:38	1495.388669	Other	NA	Electronic	0.75281	0.75317



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	24-08-18	13:32-15:30			0.75408	24-08-18 13:53	32.93807642	Other	NA	Electronic	0.75371	0.75408
CADCHFmicro	24-08-18	15:32-17:30			0.7546	24-08-18 16:00	6.587615283	Other	NA	Electronic	0.75424	0.7546
CADCHFmicro	27-08-18	09:32-11:30			0.75443	27-08-18 09:50	263.5046113	Other	NA	Electronic	0.75443	0.7548
CADCHFmicro	27-08-18	11:32-13:30			0.7534	27-08-18 11:40	65.87615283	Other	NA	Electronic	0.75303	0.7534
CADCHFmicro	27-08-18	13:32-15:30			0.75314	27-08-18 13:37	65.87615283	Other	NA	Electronic	0.75278	0.75314
CADCHFmicro	27-08-18	15:32-17:30			0.75554	27-08-18 15:49	46.11330698	Other	NA	Electronic	0.75517	0.75554
CADCHFmicro	28-08-18	09:32-11:30			0.75492	28-08-18 09:44	263.5046113	Other	NA	Electronic	0.75455	0.75492
CADCHFmicro	28-08-18	11:30-11:32	0.75489	65.87615283								
CADCHFmicro	28-08-18	13:32-15:30			0.75625	28-08-18 13:35	65.87615283	Other	NA	Electronic	0.75587	0.75625
CADCHFmicro	28-08-18	15:32-17:30			0.75435	28-08-18 16:00	32.93807642	Other	NA	Electronic	0.75435	0.75472
CADCHFmicro	29-08-18	09:32-11:30			0.75497	29-08-18 10:00	32.93807642	Other	NA	Electronic	0.75497	0.75534
CADCHFmicro	29-08-18	11:32-13:30			0.75456	29-08-18 11:46	592.8853755	Other	NA	Electronic	0.75456	0.75493
CADCHFmicro	29-08-18	13:30-13:32	0.75328	13.17523057								
CADCHFmicro	29-08-18	15:30-15:32	0.75185	32.93807642								
CADCHFmicro	30-08-18	09:32-11:30			0.75058	30-08-18 09:46	329.3807642	Other	NA	Electronic	0.75021	0.75058

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	30-08-18	11:32-13:30			0.74806	30-08-18 12:30	19.76284585	Other	NA	Electronic	0.74806	0.74868
CADCHFmicro	30-08-18	13:32-15:30			0.74781	30-08-18 13:33	6.587615283	Other	NA	Electronic	0.74744	0.74781
CADCHFmicro	30-08-18	15:32-17:30			0.74754	30-08-18 16:00	197.6284585	Other	NA	Electronic	0.74716	0.74754
CADCHFmicro	31-08-18	09:32-11:30			0.74327	31-08-18 09:44	65.87615283	Other	NA	Electronic	0.7429	0.74327
CADCHFmicro	31-08-18	11:32-13:30			0.74423	31-08-18 11:35	65.87615283	Other	NA	Electronic	0.74386	0.74423
CADCHFmicro	31-08-18	13:32-15:30			0.74184	31-08-18 13:37	92.22661397	Other	NA	Electronic	0.74184	0.74221
CADCHFmicro	31-08-18	15:32-17:30			0.7411	31-08-18 15:34	65.87615283	Other	NA	Electronic	0.7411	0.74147
CADCHFmicro	03-09-18	09:32-11:30			0.7433	03-09-18 09:34	65.87615283	Other	NA	Electronic	0.7433	0.74367
CADCHFmicro	03-09-18	11:32-13:30			0.7427	03-09-18 11:32	131.7523057	Other	NA	Electronic	0.74233	0.7427
CADCHFmicro	03-09-18	13:32-15:30			0.74227	03-09-18 13:45	65.87615283	Other	NA	Electronic	0.7419	0.74227
CADCHFmicro	03-09-18	15:30-15:32	0.74053	658.7615283								
CADCHFmicro	04-09-18	09:30-09:32	0.74068	658.7615283								
CADCHFmicro	04-09-18	11:32-13:30			0.74034	04-09-18 11:34	158.1027668	Other	NA	Electronic	0.74034	0.7407
CADCHFmicro	04-09-18	13:30-13:32	0.73933	329.3807642								
CADCHFmicro	04-09-18	15:32-17:30			0.74004	04-09-18 15:39	329.3807642	Other	NA	Electronic	0.73967	0.74004

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	05-09-18	09:32-11:30			0.73919	05-09-18 09:46	6.587615283	Other	NA	Electronic	0.73883	0.73919
CADCHFmicro	05-09-18	11:32-13:30			0.73977	05-09-18 11:56	65.87615283	Other	NA	Electronic	0.7394	0.73977
CADCHFmicro	05-09-18	13:32-15:30			0.73799	05-09-18 13:56	197.6284585	Other	NA	Electronic	0.73763	0.738
CADCHFmicro	05-09-18	15:32-17:30			0.73688	05-09-18 15:34	6.587615283	Other	NA	Electronic	0.73651	0.73688
CADCHFmicro	06-09-18	09:32-11:30			0.73606	06-09-18 09:37	658.7615283	Other	NA	Electronic	0.73606	0.73643
CADCHFmicro	06-09-18	11:32-13:30			0.73517	06-09-18 11:35	658.7615283	Other	NA	Electronic	0.73517	0.73554
CADCHFmicro	06-09-18	13:32-15:30			0.73432	06-09-18 13:34	85.63899868	Other	NA	Electronic	0.73395	0.73432
CADCHFmicro	06-09-18	15:32-17:30			0.73322	06-09-18 15:37	39.5256917	Other	NA	Electronic	0.73284	0.73322
CADCHFmicro	07-09-18	09:32-11:30			0.73511	07-09-18 09:33	65.87615283	Other	NA	Electronic	0.73474	0.73511
CADCHFmicro	07-09-18	11:32-13:30			0.73593	07-09-18 11:38	658.7615283	Other	NA	Electronic	0.73593	0.73631
CADCHFmicro	07-09-18	13:30-13:32	0.735	362.3188406								
CADCHFmicro	07-09-18	15:32-17:30			0.73411	07-09-18 16:17	513.8339921	Other	NA	Electronic	0.73411	0.73448
CADCHFmicro	10-09-18	09:30-09:32	0.73844	2503.293808								
CADCHFmicro	10-09-18	11:32-13:30			0.73888	10-09-18 11:37	13.17523057	Other	NA	Electronic	0.73851	0.73888
CADCHFmicro	10-09-18	13:32-15:30			0.74	10-09-18 13:50	118.5770751	Other	NA	Electronic	0.73963	0.74

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CADCHFmicro	10-09-18	15:32-17:30			0.73992	10-09-18 15:36	39.5256917	Other	NA	Electronic	0.73992	0.74029
CADCHFmicro	11-09-18	09:32-11:30			0.74034	11-09-18 09:34	65.87615283	Other	NA	Electronic	0.74034	0.7407
CADCHFmicro	11-09-18	11:32-13:30			0.73997	11-09-18 11:35	3293.807642	Other	NA	Electronic	0.7396	0.73997
CADCHFmicro	11-09-18	13:32-15:30			0.73999	11-09-18 14:00	2009.222661	Other	NA	Electronic	0.73963	0.73999
CADCHFmicro	11-09-18	15:32-17:30			0.7412	11-09-18 15:57	658.7615283	Other	NA	Electronic	0.7412	0.74157
CADCHFmicro	12-09-18	09:32-11:30			0.74559	12-09-18 10:15	65.87615283	Other	NA	Electronic	0.74559	0.74596
CADCHFmicro	12-09-18	11:30-11:32	0.74518	6.587615283								
CADCHFmicro	12-09-18	13:30-13:32	0.74498	2635.046113								
CADCHFmicro	12-09-18	15:32-17:30			0.74734	12-09-18 15:36	131.7523057	Other	NA	Electronic	0.74697	0.74734
CADCHFmicro	13-09-18	09:32-11:30			0.74562	13-09-18 09:41	65.87615283	Other	NA	Electronic	0.74525	0.74562
CADCHFmicro	13-09-18	11:32-13:30			0.74508	13-09-18 11:54	197.6284585	Other	NA	Electronic	0.74508	0.74545
CADCHFmicro	13-09-18	13:32-15:30			0.74457	13-09-18 13:40	65.87615283	Other	NA	Electronic	0.74421	0.74458
CADCHFmicro	13-09-18	15:30-15:32	0.74382	32.93807642								
CADCHFmicro	14-09-18	09:32-11:30			0.74132	14-09-18 09:36	65.87615283	Other	NA	Electronic	0.74094	0.74132
CADCHFmicro	14-09-18	11:32-13:30			0.74184	14-09-18 11:50	658.7615283	Other	NA	Electronic	0.74148	0.74184

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	14-09-18	13:32-15:30			0.74236	14-09-18 13:41	395.256917	Other	NA	Electronic	0.74199	0.74236
CADCHFmicro	14-09-18	15:32-17:30			0.74099	14-09-18 16:19	59.28853755	Other	NA	Electronic	0.74099	0.74136
CADCHFmicro	17-09-18	09:32-11:30			0.74117	17-09-18 09:58	658.7615283	Other	NA	Electronic	0.74079	0.74117
CADCHFmicro	17-09-18	11:32-13:30			0.73999	17-09-18 11:38	131.7523057	Other	NA	Electronic	0.7396	0.73999
CADCHFmicro	17-09-18	13:32-15:30			0.74005	17-09-18 13:32	329.3807642	Other	NA	Electronic	0.73968	0.74005
CADCHFmicro	17-09-18	15:32-17:30			0.7392	17-09-18 15:41	3293.807642	Other	NA	Electronic	0.73883	0.7392
CADCHFmicro	18-09-18	09:32-11:30			0.73825	18-09-18 09:41	65.87615283	Other	NA	Electronic	0.73787	0.73825
CADCHFmicro	18-09-18	11:32-13:30			0.73812	18-09-18 11:41	46.11330698	Other	NA	Electronic	0.73812	0.73849
CADCHFmicro	18-09-18	13:32-15:30			0.73946	18-09-18 13:46	1317.523057	Other	NA	Electronic	0.73946	0.73983
CADCHFmicro	18-09-18	15:32-17:30			0.74122	18-09-18 15:40	118.5770751	Other	NA	Electronic	0.74085	0.74122
CADCHFmicro	19-09-18	09:32-11:30			0.74606	19-09-18 09:42	19.76284585	Other	NA	Electronic	0.74606	0.74643
CADCHFmicro	19-09-18	11:32-13:30			0.74719	19-09-18 12:03	197.6284585	Other	NA	Electronic	0.74682	0.74719
CADCHFmicro	19-09-18	13:30-13:32	0.74813	1317.523057								
CADCHFmicro	19-09-18	15:32-17:30			0.74732	19-09-18 16:17	65.87615283	Other	NA	Electronic	0.74732	0.74769
CADCHFmicro	20-09-18	09:32-11:30			0.74815	20-09-18 09:37	197.6284585	Other	NA	Electronic	0.7482	0.74857

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CADCHFmicro	20-09-18	11:30-11:32	0.74716	223.9789196								
CADCHFmicro	20-09-18	13:32-15:30			0.74501	20-09-18 13:45	79.0513834	Other	NA	Electronic	0.74464	0.74501
CADCHFmicro	20-09-18	15:32-17:30			0.74462	20-09-18 15:37	724.6376812	Other	NA	Electronic	0.74426	0.74462
CADCHFmicro	21-09-18	09:30-09:32	0.74037	197.6284585								
CADCHFmicro	21-09-18	11:32-13:30			0.74001	21-09-18 11:34	658.7615283	Other	NA	Electronic	0.74001	0.74039
CADCHFmicro	21-09-18	13:30-13:32	0.74111	395.256917								
CADCHFmicro	21-09-18	15:32-17:30			0.74314	21-09-18 15:54	72.46376812	Other	NA	Electronic	0.74277	0.74314
CADCHFmicro	24-09-18	09:32-11:30			0.74112	24-09-18 09:35	33003.95257	Other	NA	Electronic	0.74074	0.74112
CADCHFmicro	24-09-18	11:32-13:30			0.74118	24-09-18 11:38	2635.046113	Other	NA	Electronic	0.74081	0.74118
CADCHFmicro	24-09-18	13:32-15:30			0.74285	24-09-18 13:47	65.87615283	Other	NA	Electronic	0.74248	0.74285
CADCHFmicro	24-09-18	15:30-15:32	0.74351	131.7523057								
CADCHFmicro	25-09-18	09:32-11:30			0.74585	25-09-18 10:37	6.587615283	Other	NA	Electronic	0.74585	0.74622
CADCHFmicro	25-09-18	11:32-13:30			0.74438	25-09-18 11:33	131.7523057	Other	NA	Electronic	0.74438	0.74474
CADCHFmicro	25-09-18	13:32-15:30			0.74552	25-09-18 13:38	658.7615283	Other	NA	Electronic	0.74552	0.74589
CADCHFmicro	25-09-18	15:32-17:30			0.7454	25-09-18 15:51	65.87615283	Other	NA	Electronic	0.74504	0.7454

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADCHFmicro	26-09-18	09:32-11:30			0.74625	26-09-18 09:36	7905.13834	Other	NA	Electronic	0.74588	0.74625
CADCHFmicro	26-09-18	11:32-13:30			0.74764	26-09-18 12:06	65.87615283	Other	NA	Electronic	0.74727	0.74764
CADCHFmicro	26-09-18	13:32-15:30			0.74668	26-09-18 14:36	658.7615283	Other	NA	Electronic	0.74668	0.74705
CADCHFmicro	26-09-18	15:32-17:30			0.74716	26-09-18 15:54	5928.853755	Other	NA	Electronic	0.74679	0.74716
CADCHFmicro	27-09-18	09:32-11:30			0.74216	27-09-18 09:47	32.93807642	Other	NA	Electronic	0.74216	0.74254
CADCHFmicro	27-09-18	11:30-11:32	0.74415	421.6073781								
CADCHFmicro	27-09-18	13:30-13:32	0.74599	26.35046113								
CADCHFmicro	27-09-18	15:32-17:30			0.74885	27-09-18 15:32	65.87615283	Other	NA	Electronic	0.74847	0.74885
CADCHFmicro	28-09-18	09:32-11:30			0.74958	28-09-18 09:37	39.5256917	Other	NA	Electronic	0.74958	0.74995
CADCHFmicro	28-09-18	11:32-13:30			0.75079	28-09-18 11:49	32.93807642	Other	NA	Electronic	0.75042	0.75079
CADCHFmicro	28-09-18	13:32-15:30			0.75275	28-09-18 13:34	6587.615283	Other	NA	Electronic	0.75275	0.75313
CADCHFmicro	28-09-18	15:32-17:30			0.75585	28-09-18 15:42	4670.619236	Other	NA	Electronic	0.75547	0.75585
CADJPY	02-07-18	09:30-09:32	84.149	32938.07642								
CADJPY	02-07-18	11:30-11:32	84.044	1317.523057								
CADJPY	02-07-18	13:30-13:32	84.044	658.7615283								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	02-07-18	15:32-17:30			83.847	02-07-18 15:33	5270.092227	Other	NA	Electronic	83.812	83.847
CADJPY	03-07-18	09:32-11:30			84.282	03-07-18 09:43	6587.615283	Other	NA	Electronic	84.247	84.282
CADJPY	03-07-18	11:30-11:32	84.295	658.7615283								
CADJPY	03-07-18	13:32-15:30			84.188	03-07-18 13:34	3952.56917	Other	NA	Electronic	84.155	84.188
CADJPY	03-07-18	15:32-17:30			84.027	03-07-18 15:32	658.7615283	Other	NA	Electronic	83.992	84.027
CADJPY	04-07-18	09:30-09:32	84.051	658.7615283								
CADJPY	04-07-18	11:32-13:30			84.02	04-07-18 11:43	658.7615283	Other	NA	Electronic	84.02	84.056
CADJPY	04-07-18	13:32-15:30			84.033	04-07-18 13:37	2635.046113	Other	NA	Electronic	84.033	84.069
CADJPY	04-07-18	15:32-17:30			84.049	04-07-18 15:32	658.7615283	Other	NA	Electronic	84.049	84.084
CADJPY	05-07-18	09:32-11:30			84.178	05-07-18 09:41	65876.15283	Other	NA	Electronic	84.143	84.178
CADJPY	05-07-18	11:30-11:32	84.202	658.7615283								
CADJPY	05-07-18	13:30-13:32	84.244	3293.807642								
CADJPY	05-07-18	15:32-17:30			84.317	05-07-18 15:34	3293.807642	Other	NA	Electronic	84.283	84.317
CADJPY	06-07-18	09:30-09:32	84.219	13175.23057								
CADJPY	06-07-18	11:30-11:32	84.183	32938.07642								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	06-07-18	13:30-13:32	84.17129	72463.76812								
CADJPY	06-07-18	15:30-15:32	84.3875	4611.330698								
CADJPY	09-07-18	09:30-09:32	84.47633	34255.59947								
CADJPY	09-07-18	11:32-13:30			84.49	09-07-18 11:48	658.7615283	Other	NA	Electronic	84.455	84.49
CADJPY	09-07-18	13:30-13:32	84.60667	5270.092227								
CADJPY	09-07-18	15:32-17:30			84.514	09-07-18 15:32	3293.807642	Other	NA	Electronic	84.514	84.55
CADJPY	10-07-18	09:32-11:30			84.662	10-07-18 09:38	658.7615283	Other	NA	Electronic	84.63	84.662
CADJPY	10-07-18	11:30-11:32	84.7385	4611.330698								
CADJPY	10-07-18	13:32-15:30			84.726	10-07-18 14:00	658.7615283	Other	NA	Electronic	84.693	84.726
CADJPY	10-07-18	15:30-15:32	84.81967	18445.32279								
CADJPY	11-07-18	09:30-09:32	84.457	658.7615283								
CADJPY	11-07-18	11:32-13:30			84.566	11-07-18 11:44	658.7615283	Other	NA	Electronic	84.532	84.566
CADJPY	11-07-18	13:30-13:32	84.64267	11198.94598								
CADJPY	11-07-18	15:30-15:32	84.84	6587.615283								
CADJPY	12-07-18	09:32-11:30			85.186	12-07-18 09:35	5270.092227	Other	NA	Electronic	85.186	85.222

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	12-07-18	11:32-13:30			85.291	12-07-18 11:33	658.7615283	Other	NA	Electronic	85.291	85.325
CADJPY	12-07-18	13:32-15:30			85.413	12-07-18 13:32	658.7615283	Other	NA	Electronic	85.377	85.413
CADJPY	12-07-18	15:32-17:30			85.389	12-07-18 15:32	658.7615283	Other	NA	Electronic	85.389	85.424
CADJPY	13-07-18	09:30-09:32	85.3735	3952.56917								
CADJPY	13-07-18	11:32-13:30			85.327	13-07-18 11:42	13175.23057	Other	NA	Electronic	85.327	85.361
CADJPY	13-07-18	13:32-15:30			85.339	13-07-18 13:33	1317.523057	Other	NA	Electronic	85.339	85.372
CADJPY	13-07-18	15:32-17:30			85.37	13-07-18 15:39	3293.807642	Other	NA	Electronic	85.37	85.405
CADJPY	16-07-18	09:32-11:30			85.531	16-07-18 09:38	3293.807642	Other	NA	Electronic	85.531	85.563
CADJPY	16-07-18	11:32-13:30			85.461	16-07-18 11:34	32938.07642	Other	NA	Electronic	85.461	85.495
CADJPY	16-07-18	13:30-13:32	85.53767	9881.422925								
CADJPY	16-07-18	15:32-17:30			85.541	16-07-18 15:45	6587.615283	Other	NA	Electronic	85.506	85.541
CADJPY	17-07-18	09:32-11:30			85.655	17-07-18 09:38	658.7615283	Other	NA	Electronic	85.619	85.655
CADJPY	17-07-18	11:30-11:32	85.598	658.7615283								
CADJPY	17-07-18	13:30-13:32	85.49	7905.13834								
CADJPY	17-07-18	15:32-17:30			85.441	17-07-18 15:40	19762.84585	Other	NA	Electronic	85.441	85.475

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	18-07-18	09:32-11:30			85.309	18-07-18 09:33	658.7615283	Other	NA	Electronic	85.309	85.343
CADJPY	18-07-18	11:30-11:32	85.306	658.7615283								
CADJPY	18-07-18	13:30-13:32	85.24	1976.284585								
CADJPY	18-07-18	15:32-17:30			85.421	18-07-18 15:34	658.7615283	Other	NA	Electronic	85.386	85.421
CADJPY	19-07-18	09:32-11:30			85.411	19-07-18 09:33	1317.523057	Other	NA	Electronic	85.411	85.446
CADJPY	19-07-18	11:32-13:30			85.389	19-07-18 11:34	1317.523057	Other	NA	Electronic	85.356	85.389
CADJPY	19-07-18	13:32-15:30			85.337	19-07-18 13:33	32938.07642	Other	NA	Electronic	85.305	85.337
CADJPY	19-07-18	15:30-15:32	85.08833	4611.330698								
CADJPY	20-07-18	09:30-09:32	84.834	6587.615283								
CADJPY	20-07-18	11:30-11:32	84.887	7905.13834								
CADJPY	20-07-18	13:30-13:32	85.20675	232542.8195								
CADJPY	20-07-18	15:30-15:32	85.103	658.7615283								
CADJPY	23-07-18	09:32-11:30			84.462	23-07-18 09:33	1317.523057	Other	NA	Electronic	84.462	84.496
CADJPY	23-07-18	11:32-13:30			84.539	23-07-18 11:32	658.7615283	Other	NA	Electronic	84.504	84.539
CADJPY	23-07-18	13:32-15:30			84.595	23-07-18 13:36	1317.523057	Other	NA	Electronic	84.595	84.629

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	23-07-18	15:30-15:32	84.674	79051.3834								
CADJPY	24-07-18	09:30-09:32	84.43	1317.523057								
CADJPY	24-07-18	11:32-13:30			84.405	24-07-18 11:38	658.7615283	Other	NA	Electronic	84.405	84.44
CADJPY	24-07-18	13:30-13:32	84.439	658.7615283								
CADJPY	24-07-18	15:32-17:30			84.528	24-07-18 15:32	658.7615283	Other	NA	Electronic	84.494	84.528
CADJPY	25-07-18	09:32-11:30			84.659	25-07-18 09:48	1317.523057	Other	NA	Electronic	84.624	84.659
CADJPY	25-07-18	11:32-13:30			84.634	25-07-18 11:35	6587.615283	Other	NA	Electronic	84.6	84.634
CADJPY	25-07-18	13:30-13:32	84.834	6587.615283								
CADJPY	25-07-18	15:30-15:32	84.56	658.7615283								
CADJPY	26-07-18	09:32-11:30			84.953	26-07-18 09:33	1317.523057	Other	NA	Electronic	84.916	84.953
CADJPY	26-07-18	11:32-13:30			84.934	26-07-18 11:34	13175.23057	Other	NA	Electronic	84.934	84.969
CADJPY	26-07-18	13:30-13:32	85.0338	60606.06061								
CADJPY	26-07-18	15:30-15:32	84.939	658.7615283								
CADJPY	27-07-18	09:30-09:32	85.068	1317.523057								
CADJPY	27-07-18	11:32-13:30			85.088	27-07-18 11:37	2635.046113	Other	NA	Electronic	85.053	85.087

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	27-07-18	13:30-13:32	84.932	6587.615283								
CADJPY	27-07-18	15:30-15:32	84.997	26350.46113								
CADJPY	30-07-18	09:32-11:30			85.041	30-07-18 09:34	3293.807642	Other	NA	Electronic	85.041	85.076
CADJPY	30-07-18	11:30-11:32	85.138	1317.523057								
CADJPY	30-07-18	13:32-15:30			85.169	30-07-18 13:37	2635.046113	Other	NA	Electronic	85.169	85.204
CADJPY	30-07-18	15:32-17:30			85.278	30-07-18 15:45	6587.615283	Other	NA	Electronic	85.278	85.313
CADJPY	31-07-18	09:30-09:32	85.481	1317.523057								
CADJPY	31-07-18	11:32-13:30			85.511	31-07-18 11:46	3293.807642	Other	NA	Electronic	85.511	85.546
CADJPY	31-07-18	13:32-15:30			85.786	31-07-18 13:32	9881.422925	Other	NA	Electronic	85.786	85.82
CADJPY	31-07-18	15:32-17:30			85.966	31-07-18 15:35	3293.807642	Other	NA	Electronic	85.966	86.001
CADJPY	01-08-18	09:30-09:32	85.9298	15151.51515								
CADJPY	01-08-18	11:30-11:32	85.92267	9222.661397								
CADJPY	01-08-18	13:32-15:30			86.066	01-08-18 13:32	46113.30698	Other	NA	Electronic	86.067	86.1
CADJPY	01-08-18	15:30-15:32	85.995	3952.56917								
CADJPY	02-08-18	09:32-11:30			85.581	02-08-18 09:32	1317.523057	Other	NA	Electronic	85.581	85.616

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	02-08-18	11:32-13:30			85.641	02-08-18 11:32	1317.523057	Other	NA	Electronic	85.606	85.641
CADJPY	02-08-18	13:32-15:30			85.67	02-08-18 13:54	1317.523057	Other	NA	Electronic	85.636	85.67
CADJPY	02-08-18	15:32-17:30			85.717	02-08-18 15:43	6587.615283	Other	NA	Electronic	85.682	85.717
CADJPY	03-08-18	09:30-09:32	85.848	32938.07642								
CADJPY	03-08-18	11:30-11:32	85.9255	3952.56917								
CADJPY	03-08-18	13:32-15:30			85.695	03-08-18 13:34	6587.615283	Other	NA	Electronic	85.66	85.695
CADJPY	03-08-18	15:32-17:30			85.62	03-08-18 15:47	1317.523057	Other	NA	Electronic	85.62	85.653
CADJPY	06-08-18	09:32-11:30			85.567	06-08-18 10:02	658.7615283	Other	NA	Electronic	85.567	85.601
CADJPY	06-08-18	11:32-13:30			85.658	06-08-18 11:44	658.7615283	Other	NA	Electronic	85.624	85.658
CADJPY	06-08-18	13:32-15:30			85.508	06-08-18 13:32	658.7615283	Other	NA	Electronic	85.509	85.542
CADJPY	06-08-18	15:30-15:32	85.688	658.7615283								
CADJPY	07-08-18	09:32-11:30			85.766	07-08-18 09:36	658.7615283	Other	NA	Electronic	85.733	85.766
CADJPY	07-08-18	11:32-13:30			85.664	07-08-18 11:36	3293.807642	Other	NA	Electronic	85.664	85.699
CADJPY	07-08-18	13:30-13:32	85.5175	1317.523057								
CADJPY	07-08-18	15:32-17:30			85.378	07-08-18 15:35	658.7615283	Other	NA	Electronic	85.378	85.411

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	08-08-18	09:32-11:30			84.795	08-08-18 09:32	9881.422925	Other	NA	Electronic	84.794	84.829
CADJPY	08-08-18	11:32-13:30			84.885	08-08-18 11:33	1317.523057	Other	NA	Electronic	84.885	84.919
CADJPY	08-08-18	13:30-13:32	84.9985	3952.56917								
CADJPY	08-08-18	15:32-17:30			84.872	08-08-18 15:38	3293.807642	Other	NA	Electronic	84.872	84.912
CADJPY	09-08-18	09:32-11:30			85.308	09-08-18 09:35	6587.615283	Other	NA	Electronic	85.308	85.343
CADJPY	09-08-18	11:32-13:30			85.226	09-08-18 11:38	658.7615283	Other	NA	Electronic	85.226	85.26
CADJPY	09-08-18	13:32-15:30			85.165	09-08-18 13:57	16469.03821	Other	NA	Electronic	85.165	85.198
CADJPY	09-08-18	15:32-17:30			85.104	09-08-18 15:37	2635.046113	Other	NA	Electronic	85.071	85.104
CADJPY	10-08-18	09:32-11:30			84.661	10-08-18 09:32	13175.23057	Other	NA	Electronic	84.661	84.695
CADJPY	10-08-18	11:32-13:30			84.779	10-08-18 11:42	658.7615283	Other	NA	Electronic	84.745	84.779
CADJPY	10-08-18	13:30-13:32	84.719	11198.94598								
CADJPY	10-08-18	15:30-15:32	84.481	1317.523057								
CADJPY	13-08-18	09:32-11:30			83.983	13-08-18 09:32	658.7615283	Other	NA	Electronic	83.948	83.983
CADJPY	13-08-18	11:32-13:30			83.814	13-08-18 11:35	658.7615283	Other	NA	Electronic	83.814	83.849
CADJPY	13-08-18	13:30-13:32	84.3175	7905.13834								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	13-08-18	15:30-15:32	84.325	658.7615283								
CADJPY	14-08-18	09:32-11:30			84.753	14-08-18 09:34	6587.615283	Other	NA	Electronic	84.717	84.753
CADJPY	14-08-18	11:32-13:30			84.75	14-08-18 11:34	3293.807642	Other	NA	Electronic	84.717	84.75
CADJPY	14-08-18	13:32-15:30			84.681	14-08-18 13:36	658.7615283	Other	NA	Electronic	84.681	84.715
CADJPY	14-08-18	15:32-17:30			84.575	14-08-18 15:32	19762.84585	Other	NA	Electronic	84.575	84.61
CADJPY	15-08-18	09:32-11:30			85.043	15-08-18 09:33	2635.046113	Other	NA	Electronic	85.043	85.078
CADJPY	15-08-18	11:30-11:32	84.6844	37549.40711								
CADJPY	15-08-18	13:32-15:30			84.538	15-08-18 13:34	3293.807642	Other	NA	Electronic	84.538	84.572
CADJPY	15-08-18	15:32-17:30			84.043	15-08-18 15:37	19762.84585	Other	NA	Electronic	84.043	84.077
CADJPY	16-08-18	09:32-11:30			84.417	16-08-18 09:37	3952.56917	Other	NA	Electronic	84.382	84.417
CADJPY	16-08-18	11:32-13:30			84.35	16-08-18 11:40	6587.615283	Other	NA	Electronic	84.35	84.386
CADJPY	16-08-18	13:32-15:30			84.154	16-08-18 13:36	658.7615283	Other	NA	Electronic	84.12	84.154
CADJPY	16-08-18	15:32-17:30			84.29	16-08-18 15:45	1976.284585	Other	NA	Electronic	84.255	84.29
CADJPY	17-08-18	09:30-09:32	84.175	658.7615283								
CADJPY	17-08-18	11:32-13:30			83.978	17-08-18 11:33	658.7615283	Other	NA	Electronic	83.942	83.978



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	17-08-18	13:32-15:30			84.433	17-08-18 13:33	13175.23057	Other	NA	Electronic	84.433	84.466
CADJPY	17-08-18	15:32-17:30			84.5	17-08-18 15:56	1976.284585	Other	NA	Electronic	84.466	84.5
CADJPY	20-08-18	09:30-09:32	84.674	658.7615283								
CADJPY	20-08-18	11:32-13:30			84.597	20-08-18 11:33	6587.615283	Other	NA	Electronic	84.562	84.597
CADJPY	20-08-18	13:32-15:30			84.453	20-08-18 13:35	658.7615283	Other	NA	Electronic	84.453	84.487
CADJPY	20-08-18	15:32-17:30			84.536	20-08-18 15:44	1317.523057	Other	NA	Electronic	84.536	84.571
CADJPY	21-08-18	09:32-11:30			84.6	21-08-18 09:32	1317.523057	Other	NA	Electronic	84.6	84.633
CADJPY	21-08-18	11:32-13:30			84.662	21-08-18 11:35	658.7615283	Other	NA	Electronic	84.662	84.696
CADJPY	21-08-18	13:32-15:30			84.729	21-08-18 13:33	658.7615283	Other	NA	Electronic	84.695	84.729
CADJPY	21-08-18	15:32-17:30			84.561	21-08-18 15:32	1317.523057	Other	NA	Electronic	84.561	84.594
CADJPY	22-08-18	09:32-11:30			84.699	22-08-18 09:34	1317.523057	Other	NA	Electronic	84.699	84.732
CADJPY	22-08-18	11:30-11:32	84.763	658.7615283								
CADJPY	22-08-18	13:32-15:30			84.785	22-08-18 13:34	6587.615283	Other	NA	Electronic	84.785	84.818
CADJPY	22-08-18	15:32-17:30			84.847	22-08-18 15:33	658.7615283	Other	NA	Electronic	84.847	84.881
CADJPY	23-08-18	09:32-11:30			85.016	23-08-18 09:42	13175.23057	Other	NA	Electronic	84.982	85.016

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	23-08-18	11:32-13:30			84.984	23-08-18 12:19	658.7615283	Other	NA	Electronic	84.984	85.017
CADJPY	23-08-18	13:32-15:30			84.984	23-08-18 13:35	658.7615283	Other	NA	Electronic	84.949	84.984
CADJPY	23-08-18	15:32-17:30			85.12	23-08-18 15:37	658.7615283	Other	NA	Electronic	85.12	85.155
CADJPY	24-08-18	09:32-11:30			85.208	24-08-18 09:52	1317.523057	Other	NA	Electronic	85.174	85.208
CADJPY	24-08-18	11:32-13:30			85.213	24-08-18 11:36	13175.23057	Other	NA	Electronic	85.18	85.213
CADJPY	24-08-18	13:32-15:30			85.35	24-08-18 13:33	6587.615283	Other	NA	Electronic	85.316	85.35
CADJPY	24-08-18	15:32-17:30			85.356	24-08-18 15:43	3293.807642	Other	NA	Electronic	85.356	85.389
CADJPY	27-08-18	09:32-11:30			85.336	27-08-18 09:41	658.7615283	Other	NA	Electronic	85.336	85.369
CADJPY	27-08-18	11:30-11:32	85.093	658.7615283								
CADJPY	27-08-18	13:32-15:30			85.112	27-08-18 13:33	658.7615283	Other	NA	Electronic	85.112	85.145
CADJPY	27-08-18	15:32-17:30			85.612	27-08-18 15:53	13175.23057	Other	NA	Electronic	85.612	85.647
CADJPY	28-08-18	09:32-11:30			85.842	28-08-18 09:40	658.7615283	Other	NA	Electronic	85.809	85.842
CADJPY	28-08-18	11:30-11:32	85.899	15151.51515								
CADJPY	28-08-18	13:32-15:30			86.067	28-08-18 13:32	1317.523057	Other	NA	Electronic	86.067	86.101
CADJPY	28-08-18	15:32-17:30			85.945	28-08-18 15:41	1976.284585	Other	NA	Electronic	85.945	85.978

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	29-08-18	09:30-09:32	86.01	1317.523057								
CADJPY	29-08-18	11:32-13:30			85.948	29-08-18 11:34	658.7615283	Other	NA	Electronic	85.948	85.982
CADJPY	29-08-18	13:30-13:32	86.118	658.7615283								
CADJPY	29-08-18	15:30-15:32	86.34367	7905.13834								
CADJPY	30-08-18	09:30-09:32	86.222	65876.15283								
CADJPY	30-08-18	11:32-13:30			86.215	30-08-18 11:40	32938.07642	Other	NA	Electronic	86.215	86.249
CADJPY	30-08-18	13:30-13:32	85.785	3293.807642								
CADJPY	30-08-18	15:32-17:30			85.712	30-08-18 15:32	1976.284585	Other	NA	Electronic	85.679	85.712
CADJPY	31-08-18	09:30-09:32	85.143	19762.84585								
CADJPY	31-08-18	11:30-11:32	85.231	658.7615283								
CADJPY	31-08-18	13:30-13:32	84.8339	131752.3057								
CADJPY	31-08-18	15:32-17:30			84.831	31-08-18 15:41	658.7615283	Other	NA	Electronic	84.797	84.831
CADJPY	03-09-18	09:32-11:30			85.078	03-09-18 09:54	1317.523057	Other	NA	Electronic	85.043	85.078
CADJPY	03-09-18	11:32-13:30			85.095	03-09-18 11:49	658.7615283	Other	NA	Electronic	85.06	85.095
CADJPY	03-09-18	13:32-15:30			85.031	03-09-18 13:59	6587.615283	Other	NA	Electronic	84.997	85.031

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	03-09-18	15:32-17:30			84.788	03-09-18 15:43	1317.523057	Other	NA	Electronic	84.788	84.82
CADJPY	04-09-18	09:30-09:32	84.6965	1976.284585								
CADJPY	04-09-18	11:30-11:32	84.6045	13175.23057								
CADJPY	04-09-18	13:32-15:30			84.41	04-09-18 13:40	1317.523057	Other	NA	Electronic	84.375	84.41
CADJPY	04-09-18	15:32-17:30			84.536	04-09-18 15:35	1976.284585	Other	NA	Electronic	84.503	84.536
CADJPY	05-09-18	09:32-11:30			84.588	05-09-18 09:34	658.7615283	Other	NA	Electronic	84.588	84.619
CADJPY	05-09-18	11:32-13:30			84.717	05-09-18 11:33	658.7615283	Other	NA	Electronic	84.717	84.752
CADJPY	05-09-18	13:30-13:32	84.8128	12516.46904								
CADJPY	05-09-18	15:32-17:30			84.534	05-09-18 15:35	658.7615283	Other	NA	Electronic	84.534	84.567
CADJPY	06-09-18	09:30-09:32	84.564	3293.807642								
CADJPY	06-09-18	11:32-13:30			84.41	06-09-18 11:36	658.7615283	Other	NA	Electronic	84.377	84.41
CADJPY	06-09-18	13:30-13:32	84.279	15151.51515								
CADJPY	06-09-18	15:30-15:32	83.923	1317.523057								
CADJPY	07-09-18	09:30-09:32	84.377	658.7615283								
CADJPY	07-09-18	11:32-13:30			84.448	07-09-18 11:34	9881.422925	Other	NA	Electronic	84.448	84.481

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	07-09-18	13:32-15:30			84.388	07-09-18 13:40	658.7615283	Other	NA	Electronic	84.388	84.423
CADJPY	07-09-18	15:32-17:30			84.451	07-09-18 16:03	658.7615283	Other	NA	Electronic	84.418	84.451
CADJPY	10-09-18	09:32-11:30			84.368	10-09-18 09:39	658.7615283	Other	NA	Electronic	84.336	84.368
CADJPY	10-09-18	11:30-11:32	84.3	6587.615283								
CADJPY	10-09-18	13:30-13:32	84.543	3293.807642								
CADJPY	10-09-18	15:32-17:30			84.462	10-09-18 15:33	1317.523057	Other	NA	Electronic	84.426	84.462
CADJPY	11-09-18	09:30-09:32	84.651	3293.807642								
CADJPY	11-09-18	11:32-13:30			84.64	11-09-18 11:56	3293.807642	Other	NA	Electronic	84.606	84.64
CADJPY	11-09-18	13:32-15:30			84.639	11-09-18 13:39	1317.523057	Other	NA	Electronic	84.639	84.671
CADJPY	11-09-18	15:32-17:30			84.87	11-09-18 15:34	658.7615283	Other	NA	Electronic	84.87	84.904
CADJPY	12-09-18	09:32-11:30			85.401	12-09-18 09:41	658.7615283	Other	NA	Electronic	85.368	85.401
CADJPY	12-09-18	11:30-11:32	85.3265	11198.94598								
CADJPY	12-09-18	13:32-15:30			85.21	12-09-18 13:32	1317.523057	Other	NA	Electronic	85.21	85.243
CADJPY	12-09-18	15:32-17:30			85.717	12-09-18 15:41	1317.523057	Other	NA	Electronic	85.717	85.75
CADJPY	13-09-18	09:32-11:30			85.664	13-09-18 09:41	658.7615283	Other	NA	Electronic	85.631	85.664

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	13-09-18	11:32-13:30			85.78	13-09-18 11:42	658.7615283	Other	NA	Electronic	85.78	85.814
CADJPY	13-09-18	13:30-13:32	85.778	1976.284585								
CADJPY	13-09-18	15:32-17:30			86.038	13-09-18 15:35	658.7615283	Other	NA	Electronic	86.038	86.072
CADJPY	14-09-18	09:32-11:30			85.942	14-09-18 09:34	1317.523057	Other	NA	Electronic	85.942	85.976
CADJPY	14-09-18	11:30-11:32	86.067	1317.523057								
CADJPY	14-09-18	13:32-15:30			86.025	14-09-18 13:41	1976.284585	Other	NA	Electronic	85.991	86.025
CADJPY	14-09-18	15:32-17:30			85.882	14-09-18 16:00	82345.19104	Other	NA	Electronic	85.845	85.995
CADJPY	17-09-18	09:32-11:30			86.013	17-09-18 10:10	658.7615283	Other	NA	Electronic	85.979	86.013
CADJPY	17-09-18	11:32-13:30			86.032	17-09-18 11:34	3293.807642	Other	NA	Electronic	85.997	86.032
CADJPY	17-09-18	13:32-15:30			86.071	17-09-18 13:35	13175.23057	Other	NA	Electronic	86.071	86.106
CADJPY	17-09-18	15:30-15:32	85.938	13175.23057								
CADJPY	18-09-18	09:32-11:30			85.983	18-09-18 09:44	2635.046113	Other	NA	Electronic	85.949	85.983
CADJPY	18-09-18	11:32-13:30			86.036	18-09-18 11:38	65876.15283	Other	NA	Electronic	86.003	86.036
CADJPY	18-09-18	13:32-15:30			86.351	18-09-18 13:32	658.7615283	Other	NA	Electronic	86.351	86.385
CADJPY	18-09-18	15:32-17:30			86.486	18-09-18 15:36	3293.807642	Other	NA	Electronic	86.486	86.52

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	19-09-18	09:32-11:30			86.715	19-09-18 09:32	1976.284585	Other	NA	Electronic	86.715	86.749
CADJPY	19-09-18	11:30-11:32	86.673	658.7615283								
CADJPY	19-09-18	13:32-15:30			86.658	19-09-18 13:44	658.7615283	Other	NA	Electronic	86.624	86.658
CADJPY	19-09-18	15:32-17:30			86.701	19-09-18 15:34	1317.523057	Other	NA	Electronic	86.701	86.735
CADJPY	20-09-18	09:32-11:30			86.925	20-09-18 09:43	3293.807642	Other	NA	Electronic	86.925	86.959
CADJPY	20-09-18	11:32-13:30			86.954	20-09-18 11:36	1317.523057	Other	NA	Electronic	86.954	86.987
CADJPY	20-09-18	13:30-13:32	87.04217	103425.5599								
CADJPY	20-09-18	15:30-15:32	87.091	658.7615283								
CADJPY	21-09-18	09:32-11:30			87.33	21-09-18 09:36	658.7615283	Other	NA	Electronic	87.205	87.238
CADJPY	21-09-18	11:32-13:30			87.317	21-09-18 11:33	13175.23057	Other	NA	Electronic	87.282	87.317
CADJPY	21-09-18	13:30-13:32	87.23125	65876.15283								
CADJPY	21-09-18	15:32-17:30			87.158	21-09-18 15:35	32938.07642	Other	NA	Electronic	87.158	87.193
CADJPY	24-09-18	09:32-11:30			87.112	24-09-18 09:33	1317.523057	Other	NA	Electronic	87.077	87.112
CADJPY	24-09-18	11:32-13:30			86.988	24-09-18 11:55	658.7615283	Other	NA	Electronic	86.988	87.02
CADJPY	24-09-18	13:30-13:32	87.205	1317.523057								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	24-09-18	15:30-15:32	87.06733	1976.284585								
CADJPY	25-09-18	09:32-11:30			87.072	25-09-18 09:55	658.7615283	Other	NA	Electronic	87.072	87.106
CADJPY	25-09-18	11:30-11:32	86.96	3952.56917								
CADJPY	25-09-18	13:32-15:30			87.151	25-09-18 13:32	32938.07642	Other	NA	Electronic	87.151	87.184
CADJPY	25-09-18	15:32-17:30			87.238	25-09-18 15:33	658.7615283	Other	NA	Electronic	87.205	87.238
CADJPY	26-09-18	09:30-09:32	87.141	658.7615283								
CADJPY	26-09-18	11:32-13:30			87.141	26-09-18 11:39	6587.615283	Other	NA	Electronic	87.141	87.175
CADJPY	26-09-18	13:32-15:30			87.173	26-09-18 13:45	658.7615283	Other	NA	Electronic	87.173	87.206
CADJPY	26-09-18	15:32-17:30			87.093	26-09-18 16:11	3293.807642	Other	NA	Electronic	87.093	87.128
CADJPY	27-09-18	09:30-09:32	86.413	658.7615283								
CADJPY	27-09-18	11:32-13:30			86.423	27-09-18 11:45	658.7615283	Other	NA	Electronic	86.389	86.423
CADJPY	27-09-18	13:32-15:30			86.502	27-09-18 13:32	658.7615283	Other	NA	Electronic	86.502	86.537
CADJPY	27-09-18	15:30-15:32	86.8035	14492.75362								
CADJPY	28-09-18	09:32-11:30			87.16	28-09-18 09:32	658.7615283	Other	NA	Electronic	87.16	87.194
CADJPY	28-09-18	11:32-13:30			87.124	28-09-18 11:35	1976.284585	Other	NA	Electronic	87.124	87.16



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY	28-09-18	13:32-15:30			87.408	28-09-18 13:32	658.7615283	Other	NA	Electronic	87.373	87.408
CADJPY	28-09-18	15:32-17:30			87.775	28-09-18 15:33	3293.807642	Other	NA	Electronic	87.775	87.811
CADJPY.	02-07-18	09:32-11:30			84.106	02-07-18 11:01	658.7615283	Other	NA	Electronic	84.106	84.115
CADJPY.	02-07-18	11:32-13:30			84.012	02-07-18 12:16	658.7615283	Other	NA	Electronic	84.004	84.012
CADJPY.	02-07-18	13:32-15:30			83.955	02-07-18 13:44	1317.523057	Other	NA	Electronic	83.955	83.964
CADJPY.	02-07-18	15:32-17:30			83.818	02-07-18 15:40	658.7615283	Other	NA	Electronic	83.809	83.818
CADJPY.	03-07-18	09:30-09:32	84.276	8563.899868								
CADJPY.	03-07-18	11:30-11:32	84.287	3293.807642								
CADJPY.	03-07-18	13:30-13:32	84.1785	5270.092227								
CADJPY.	03-07-18	15:32-17:30			84.039	03-07-18 16:01	658.7615283	Other	NA	Electronic	84.039	84.047
CADJPY.	04-07-18	09:32-11:30			84.033	04-07-18 10:13	1976.284585	Other	NA	Electronic	84.028	84.033
CADJPY.	04-07-18	11:32-13:30			84.036	04-07-18 11:40	658.7615283	Other	NA	Electronic	84.036	84.045
CADJPY.	04-07-18	13:32-15:30			84.102	04-07-18 14:30	1317.523057	Other	NA	Electronic	84.102	84.112
CADJPY.	04-07-18	15:32-17:30			84.12	04-07-18 16:29	658.7615283	Other	NA	Electronic	84.12	84.131
CADJPY.	05-07-18	09:32-11:30			84.219	05-07-18 09:46	658.7615283	Other	NA	Electronic	84.219	84.228

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	05-07-18	11:30-11:32	84.21	658.7615283								
CADJPY.	05-07-18	13:32-15:30			84.333	05-07-18 14:48	658.7615283	Other	NA	Electronic	84.325	84.333
CADJPY.	05-07-18	15:32-17:30			84.291	05-07-18 15:32	658.7615283	Other	NA	Electronic	84.291	84.298
CADJPY.	06-07-18	09:32-11:30			84.214	06-07-18 09:41	1976.284585	Other	NA	Electronic	84.205	84.214
CADJPY.	06-07-18	11:32-13:30			84.219	06-07-18 11:35	1317.523057	Other	NA	Electronic	84.219	84.227
CADJPY.	06-07-18	13:32-15:30			84.297	06-07-18 13:38	32938.07642	Other	NA	Electronic	84.289	84.297
CADJPY.	06-07-18	15:32-17:30			84.407	06-07-18 15:38	658.7615283	Other	NA	Electronic	84.407	84.415
CADJPY.	09-07-18	09:32-11:30			84.492	09-07-18 10:31	3293.807642	Other	NA	Electronic	84.483	84.492
CADJPY.	09-07-18	11:32-13:30			84.505	09-07-18 12:33	3293.807642	Other	NA	Electronic	84.496	84.505
CADJPY.	09-07-18	13:32-15:30			84.597	09-07-18 13:33	65876.15283	Other	NA	Electronic	84.597	84.605
CADJPY.	09-07-18	15:32-17:30			84.503	09-07-18 15:44	65876.15283	Other	NA	Electronic	84.496	84.503
CADJPY.	10-07-18	09:32-11:30			84.701	10-07-18 10:13	658.7615283	Other	NA	Electronic	84.702	84.712
CADJPY.	10-07-18	11:32-13:30			84.725	10-07-18 11:33	1976.284585	Other	NA	Electronic	84.725	84.734
CADJPY.	10-07-18	13:32-15:30			84.744	10-07-18 14:16	658.7615283	Other	NA	Electronic	84.744	84.752
CADJPY.	10-07-18	15:30-15:32	84.806	1976.284585								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	11-07-18	09:32-11:30			84.45	11-07-18 09:41	1317.523057	Other	NA	Electronic	84.45	84.46
CADJPY.	11-07-18	11:32-13:30			84.611	11-07-18 12:01	6587.615283	Other	NA	Electronic	84.611	84.619
CADJPY.	11-07-18	13:32-15:30			84.655	11-07-18 13:50	5928.853755	Other	NA	Electronic	84.655	84.664
CADJPY.	11-07-18	15:32-17:30			84.918	11-07-18 15:41	32938.07642	Other	NA	Electronic	84.908	84.918
CADJPY.	12-07-18	09:32-11:30			85.221	12-07-18 10:04	658.7615283	Other	NA	Electronic	85.211	85.221
CADJPY.	12-07-18	11:32-13:30			85.473	12-07-18 12:38	32938.07642	Other	NA	Electronic	85.472	85.48
CADJPY.	12-07-18	13:32-15:30			85.392	12-07-18 13:32	658.7615283	Other	NA	Electronic	85.392	85.401
CADJPY.	12-07-18	15:32-17:30			85.4	12-07-18 16:11	1976.284585	Other	NA	Electronic	85.4	85.409
CADJPY.	13-07-18	09:32-11:30			85.355	13-07-18 09:36	26350.46113	Other	NA	Electronic	85.346	85.355
CADJPY.	13-07-18	11:32-13:30			85.342	13-07-18 11:58	658.7615283	Other	NA	Electronic	85.342	85.351
CADJPY.	13-07-18	13:32-15:30			85.374	13-07-18 13:33	658.7615283	Other	NA	Electronic	85.374	85.383
CADJPY.	13-07-18	15:30-15:32	85.435	6587.615283								
CADJPY.	16-07-18	09:32-11:30			85.533	16-07-18 09:46	6587.615283	Other	NA	Electronic	85.533	85.541
CADJPY.	16-07-18	11:32-13:30			85.505	16-07-18 11:50	6587.615283	Other	NA	Electronic	85.496	85.505
CADJPY.	16-07-18	13:32-15:30			85.518	16-07-18 13:41	658.7615283	Other	NA	Electronic	85.51	85.518

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	16-07-18	15:32-17:30			85.491	16-07-18 15:42	658.7615283	Other	NA	Electronic	85.485	85.491
CADJPY.	17-07-18	09:32-11:30			85.606	17-07-18 09:50	13175.23057	Other	NA	Electronic	85.606	85.615
CADJPY.	17-07-18	11:32-13:30			85.545	17-07-18 11:37	3293.807642	Other	NA	Electronic	85.545	85.554
CADJPY.	17-07-18	13:32-15:30			85.51	17-07-18 13:43	658.7615283	Other	NA	Electronic	85.51	85.519
CADJPY.	17-07-18	15:32-17:30			85.463	17-07-18 15:40	658.7615283	Other	NA	Electronic	85.463	85.472
CADJPY.	18-07-18	09:32-11:30			85.313	18-07-18 09:42	658.7615283	Other	NA	Electronic	85.308	85.313
CADJPY.	18-07-18	11:32-13:30			85.238	18-07-18 11:57	658.7615283	Other	NA	Electronic	85.238	85.246
CADJPY.	18-07-18	13:32-15:30			85.204	18-07-18 13:33	19762.84585	Other	NA	Electronic	85.204	85.212
CADJPY.	18-07-18	15:30-15:32	85.3786	7905.13834								
CADJPY.	19-07-18	09:32-11:30			85.421	19-07-18 09:32	658.7615283	Other	NA	Electronic	85.419	85.427
CADJPY.	19-07-18	11:32-13:30			85.31	19-07-18 12:07	197628.4585	Other	NA	Electronic	85.31	85.317
CADJPY.	19-07-18	13:32-15:30			85.371	19-07-18 13:36	6587.615283	Other	NA	Electronic	85.362	85.371
CADJPY.	19-07-18	15:30-15:32	85.0925	1976.284585								
CADJPY.	20-07-18	09:32-11:30			84.89	20-07-18 09:45	658.7615283	Other	NA	Electronic	84.889	84.898
CADJPY.	20-07-18	11:32-13:30			84.808	20-07-18 12:03	1317.523057	Other	NA	Electronic	84.802	84.808

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	20-07-18	13:30-13:32	85.1865	39525.6917								
CADJPY.	20-07-18	15:30-15:32	85.113	658.7615283								
CADJPY.	23-07-18	09:32-11:30			84.548	23-07-18 09:45	658.7615283	Other	NA	Electronic	84.54	84.547
CADJPY.	23-07-18	11:32-13:30			84.632	23-07-18 12:08	3293.807642	Other	NA	Electronic	84.624	84.632
CADJPY.	23-07-18	13:32-15:30			84.602	23-07-18 13:35	658.7615283	Other	NA	Electronic	84.602	84.609
CADJPY.	24-07-18	09:32-11:30			84.452	24-07-18 10:26	658.7615283	Other	NA	Electronic	84.452	84.46
CADJPY.	24-07-18	11:30-11:32	84.435	658.7615283								
CADJPY.	24-07-18	13:32-15:30			84.459	24-07-18 13:36	658.7615283	Other	NA	Electronic	84.459	84.466
CADJPY.	24-07-18	15:32-17:30			84.573	24-07-18 15:51	658.7615283	Other	NA	Electronic	84.564	84.573
CADJPY.	25-07-18	09:32-11:30			84.643	25-07-18 09:52	3293.807642	Other	NA	Electronic	84.643	84.651
CADJPY.	25-07-18	11:32-13:30			84.603	25-07-18 11:32	3293.807642	Other	NA	Electronic	84.603	84.612
CADJPY.	25-07-18	13:32-15:30			84.815	25-07-18 13:33	9881.422925	Other	NA	Electronic	84.807	84.816
CADJPY.	25-07-18	15:32-17:30			84.626	25-07-18 15:42	9881.422925	Other	NA	Electronic	84.618	84.626
CADJPY.	26-07-18	09:32-11:30			84.954	26-07-18 09:45	658.7615283	Other	NA	Electronic	84.954	84.963
CADJPY.	26-07-18	11:32-13:30			84.917	26-07-18 11:42	658.7615283	Other	NA	Electronic	84.908	84.917

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	26-07-18	13:32-15:30			85.083	26-07-18 13:34	658.7615283	Other	NA	Electronic	85.074	85.083
CADJPY.	26-07-18	15:32-17:30			85.011	26-07-18 15:44	658.7615283	Other	NA	Electronic	85.011	85.02
CADJPY.	27-07-18	09:32-11:30			85.062	27-07-18 09:41	658.7615283	Other	NA	Electronic	85.053	85.062
CADJPY.	27-07-18	11:32-13:30			85.087	27-07-18 11:33	658.7615283	Other	NA	Electronic	85.078	85.087
CADJPY.	27-07-18	13:32-15:30			84.872	27-07-18 13:38	658.7615283	Other	NA	Electronic	84.874	84.883
CADJPY.	27-07-18	15:32-17:30			84.92	27-07-18 16:38	658.7615283	Other	NA	Electronic	84.911	84.92
CADJPY.	30-07-18	09:32-11:30			85.057	30-07-18 09:33	3293.807642	Other	NA	Electronic	85.049	85.057
CADJPY.	30-07-18	13:32-15:30			85.183	30-07-18 13:42	658.7615283	Other	NA	Electronic	85.175	85.183
CADJPY.	30-07-18	15:32-17:30			85.216	30-07-18 16:59	2635.046113	Other	NA	Electronic	85.216	85.225
CADJPY.	31-07-18	09:32-11:30			85.471	31-07-18 10:20	3293.807642	Other	NA	Electronic	85.462	85.471
CADJPY.	31-07-18	11:32-13:30			85.544	31-07-18 11:48	3952.56917	Other	NA	Electronic	85.537	85.544
CADJPY.	31-07-18	13:32-15:30			85.757	31-07-18 13:45	98814.22925	Other	NA	Electronic	85.757	85.766
CADJPY.	31-07-18	15:30-15:32	85.944	658.7615283								
CADJPY.	01-08-18	09:32-11:30			85.938	01-08-18 09:34	3293.807642	Other	NA	Electronic	85.938	85.947
CADJPY.	01-08-18	11:32-13:30			85.918	01-08-18 11:37	658.7615283	Other	NA	Electronic	85.918	85.926

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	01-08-18	13:32-15:30			86.096	01-08-18 14:05	6587.615283	Other	NA	Electronic	86.096	86.103
CADJPY.	01-08-18	15:32-17:30			85.992	01-08-18 15:34	6587.615283	Other	NA	Electronic	85.992	86.002
CADJPY.	02-08-18	09:32-11:30			85.556	02-08-18 09:50	6587.615283	Other	NA	Electronic	85.555	85.563
CADJPY.	02-08-18	11:30-11:32	85.6495	3952.56917								
CADJPY.	02-08-18	13:32-15:30			85.617	02-08-18 13:51	5928.853755	Other	NA	Electronic	85.608	85.617
CADJPY.	02-08-18	15:32-17:30			85.77	02-08-18 16:18	32938.07642	Other	NA	Electronic	85.77	85.776
CADJPY.	03-08-18	11:30-11:32	85.948	658.7615283								
CADJPY.	03-08-18	13:32-15:30			85.719	03-08-18 13:39	20421.60738	Other	NA	Electronic	85.71	85.719
CADJPY.	03-08-18	15:32-17:30			85.686	03-08-18 16:04	658.7615283	Other	NA	Electronic	85.686	85.694
CADJPY.	06-08-18	09:32-11:30			85.547	06-08-18 09:41	6587.615283	Other	NA	Electronic	85.547	85.555
CADJPY.	06-08-18	11:32-13:30			85.574	06-08-18 12:41	5928.853755	Other	NA	Electronic	85.574	85.581
CADJPY.	06-08-18	13:32-15:30			85.553	06-08-18 14:00	658.7615283	Other	NA	Electronic	85.553	85.56
CADJPY.	06-08-18	15:30-15:32	85.685	658.7615283								
CADJPY.	07-08-18	09:32-11:30			85.733	07-08-18 09:58	658.7615283	Other	NA	Electronic	85.725	85.733
CADJPY.	07-08-18	11:32-13:30			85.685	07-08-18 12:00	6587.615283	Other	NA	Electronic	85.685	85.694

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	07-08-18	13:30-13:32	85.496	2635.046113								
CADJPY.	07-08-18	15:32-17:30			85.347	07-08-18 16:37	658.7615283	Other	NA	Electronic	85.349	85.357
CADJPY.	08-08-18	09:32-11:30			84.903	08-08-18 10:17	658.7615283	Other	NA	Electronic	84.894	84.903
CADJPY.	08-08-18	11:32-13:30			84.874	08-08-18 11:49	98814.22925	Other	NA	Electronic	84.874	84.882
CADJPY.	08-08-18	13:32-15:30			84.918	08-08-18 14:02	658.7615283	Other	NA	Electronic	84.91	84.918
CADJPY.	08-08-18	15:32-17:30			84.894	08-08-18 15:32	19762.84585	Other	NA	Electronic	84.894	84.908
CADJPY.	09-08-18	09:32-11:30			85.336	09-08-18 10:06	3293.807642	Other	NA	Electronic	85.336	85.344
CADJPY.	09-08-18	11:30-11:32	85.259	1317.523057								
CADJPY.	09-08-18	13:32-15:30			85.27	09-08-18 13:33	658.7615283	Other	NA	Electronic	85.261	85.27
CADJPY.	09-08-18	15:32-17:30			85.025	09-08-18 16:09	1976.284585	Other	NA	Electronic	85.025	85.034
CADJPY.	10-08-18	09:32-11:30			84.684	10-08-18 09:36	1317.523057	Other	NA	Electronic	84.676	84.684
CADJPY.	10-08-18	11:32-13:30			84.643	10-08-18 12:03	1317.523057	Other	NA	Electronic	84.643	84.651
CADJPY.	10-08-18	13:32-15:30			84.708	10-08-18 13:41	3293.807642	Other	NA	Electronic	84.708	84.717
CADJPY.	10-08-18	15:32-17:30			84.253	10-08-18 16:18	39525.6917	Other	NA	Electronic	84.253	84.26
CADJPY.	13-08-18	09:32-11:30			83.915	13-08-18 10:01	658.7615283	Other	NA	Electronic	83.906	83.915



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	13-08-18	11:32-13:30			83.842	13-08-18 11:33	3293.807642	Other	NA	Electronic	83.834	83.842
CADJPY.	13-08-18	13:32-15:30			84.393	13-08-18 13:35	658.7615283	Other	NA	Electronic	84.393	84.401
CADJPY.	13-08-18	15:32-17:30			84.124	13-08-18 16:35	13175.23057	Other	NA	Electronic	84.124	84.132
CADJPY.	14-08-18	09:32-11:30			84.762	14-08-18 09:41	1317.523057	Other	NA	Electronic	84.762	84.77
CADJPY.	14-08-18	11:32-13:30			84.717	14-08-18 11:32	1317.523057	Other	NA	Electronic	84.717	84.725
CADJPY.	14-08-18	13:32-15:30			84.66	14-08-18 13:50	1317.523057	Other	NA	Electronic	84.66	84.668
CADJPY.	14-08-18	15:32-17:30			84.634	14-08-18 15:37	1317.523057	Other	NA	Electronic	84.634	84.642
CADJPY.	15-08-18	09:32-11:30			85.07	15-08-18 09:37	1976.284585	Other	NA	Electronic	85.061	85.07
CADJPY.	15-08-18	11:30-11:32	84.672	658.7615283								
CADJPY.	15-08-18	13:32-15:30			84.477	15-08-18 13:45	3293.807642	Other	NA	Electronic	84.469	84.477
CADJPY.	15-08-18	15:32-17:30			84.043	15-08-18 15:47	1976.284585	Other	NA	Electronic	84.043	84.051
CADJPY.	16-08-18	09:32-11:30			84.423	16-08-18 10:02	1976.284585	Other	NA	Electronic	84.423	84.431
CADJPY.	16-08-18	11:32-13:30			84.372	16-08-18 11:39	3293.807642	Other	NA	Electronic	84.372	84.381
CADJPY.	16-08-18	13:30-13:32	84.152	658.7615283								
CADJPY.	17-08-18	09:32-11:30			84.017	17-08-18 10:00	658.7615283	Other	NA	Electronic	84.009	84.017

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	17-08-18	11:32-13:30			83.89	17-08-18 12:08	6587.615283	Other	NA	Electronic	83.882	83.89
CADJPY.	17-08-18	13:32-15:30			84.497	17-08-18 13:57	1317.523057	Other	NA	Electronic	84.489	84.497
CADJPY.	20-08-18	09:32-11:30			84.571	20-08-18 10:30	658.7615283	Other	NA	Electronic	84.571	84.576
CADJPY.	20-08-18	11:32-13:30			84.451	20-08-18 12:26	3293.807642	Other	NA	Electronic	84.451	84.46
CADJPY.	20-08-18	15:32-17:30			84.33	20-08-18 16:00	658.7615283	Other	NA	Electronic	84.33	84.343
CADJPY.	21-08-18	09:32-11:30			84.611	21-08-18 09:42	3293.807642	Other	NA	Electronic	84.611	84.62
CADJPY.	21-08-18	11:32-13:30			84.689	21-08-18 11:47	6587.615283	Other	NA	Electronic	84.689	84.697
CADJPY.	21-08-18	13:32-15:30			84.703	21-08-18 13:36	1317.523057	Other	NA	Electronic	84.695	84.703
CADJPY.	21-08-18	15:32-17:30			84.628	21-08-18 15:49	1317.523057	Other	NA	Electronic	84.628	84.637
CADJPY.	22-08-18	09:32-11:30			84.875	22-08-18 11:02	5928.853755	Other	NA	Electronic	84.868	84.875
CADJPY.	22-08-18	11:32-13:30			84.643	22-08-18 12:20	1317.523057	Other	NA	Electronic	84.643	84.652
CADJPY.	22-08-18	13:32-15:30			84.785	22-08-18 13:41	658.7615283	Other	NA	Electronic	84.785	84.793
CADJPY.	22-08-18	15:32-17:30			84.906	22-08-18 16:31	3293.807642	Other	NA	Electronic	84.898	84.906
CADJPY.	23-08-18	09:32-11:30			85.016	23-08-18 09:54	658.7615283	Other	NA	Electronic	85.008	85.016
CADJPY.	23-08-18	11:32-13:30			84.892	23-08-18 12:52	1317.523057	Other	NA	Electronic	84.883	84.892

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	23-08-18	13:32-15:30			84.963	23-08-18 13:48	658.7615283	Other	NA	Electronic	84.963	84.97
CADJPY.	23-08-18	15:32-17:30			85.129	23-08-18 15:48	3293.807642	Other	NA	Electronic	85.129	85.137
CADJPY.	24-08-18	09:32-11:30			85.253	24-08-18 10:33	658.7615283	Other	NA	Electronic	85.245	85.253
CADJPY.	24-08-18	11:32-13:30			85.237	24-08-18 11:46	4611.330698	Other	NA	Electronic	85.228	85.237
CADJPY.	24-08-18	13:32-15:30			85.343	24-08-18 13:33	3293.807642	Other	NA	Electronic	85.335	85.343
CADJPY.	24-08-18	15:32-17:30			85.385	24-08-18 16:28	658.7615283	Other	NA	Electronic	85.385	85.393
CADJPY.	27-08-18	09:32-11:30			85.253	27-08-18 10:04	9222.661397	Other	NA	Electronic	85.253	85.261
CADJPY.	27-08-18	11:30-11:32	85.11	3293.807642								
CADJPY.	27-08-18	13:32-15:30			85.219	27-08-18 13:41	9881.422925	Other	NA	Electronic	85.211	85.219
CADJPY.	27-08-18	15:30-15:32	85.53667	2635.046113								
CADJPY.	28-08-18	09:32-11:30			85.818	28-08-18 09:33	1317.523057	Other	NA	Electronic	85.811	85.818
CADJPY.	28-08-18	11:32-13:30			85.889	28-08-18 11:49	3952.56917	Other	NA	Electronic	85.889	85.897
CADJPY.	28-08-18	13:32-15:30			86.071	28-08-18 13:41	3952.56917	Other	NA	Electronic	86.064	86.071
CADJPY.	28-08-18	15:32-17:30			85.98	28-08-18 16:06	1317.523057	Other	NA	Electronic	85.98	85.989
CADJPY.	29-08-18	09:30-09:32	86.036	1317.523057								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	29-08-18	11:30-11:32	85.956	13175.23057								
CADJPY.	29-08-18	13:32-15:30			86.157	29-08-18 13:35	3293.807642	Other	NA	Electronic	86.15	86.157
CADJPY.	29-08-18	15:32-17:30			86.353	29-08-18 15:57	1976.284585	Other	NA	Electronic	86.344	86.353
CADJPY.	30-08-18	09:30-09:32	86.246	2635.046113								
CADJPY.	30-08-18	11:32-13:30			86.219	30-08-18 12:03	658.7615283	Other	NA	Electronic	86.211	86.219
CADJPY.	30-08-18	13:32-15:30			85.7	30-08-18 13:39	1317.523057	Other	NA	Electronic	85.692	85.7
CADJPY.	30-08-18	15:32-17:30			85.555	30-08-18 16:19	1317.523057	Other	NA	Electronic	85.547	85.555
CADJPY.	31-08-18	09:32-11:30			85.182	31-08-18 10:07	32938.07642	Other	NA	Electronic	85.174	85.182
CADJPY.	31-08-18	11:32-13:30			85.189	31-08-18 11:36	19762.84585	Other	NA	Electronic	85.189	85.196
CADJPY.	31-08-18	13:32-15:30			85.02	31-08-18 13:56	9222.661397	Other	NA	Electronic	85.012	85.02
CADJPY.	31-08-18	15:32-17:30			84.82	31-08-18 15:38	32938.07642	Other	NA	Electronic	84.82	84.829
CADJPY.	03-09-18	09:32-11:30			85.111	03-09-18 10:30	658.7615283	Other	NA	Electronic	85.102	85.111
CADJPY.	03-09-18	11:32-13:30			85.081	03-09-18 12:33	3293.807642	Other	NA	Electronic	85.074	85.081
CADJPY.	03-09-18	13:32-15:30			85.049	03-09-18 13:45	1317.523057	Other	NA	Electronic	85.049	85.057
CADJPY.	03-09-18	15:32-17:30			84.78	03-09-18 15:47	3293.807642	Other	NA	Electronic	84.78	84.789

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	04-09-18	09:32-11:30			84.698	04-09-18 09:58	13175.23057	Other	NA	Electronic	84.696	84.704
CADJPY.	04-09-18	11:32-13:30			84.52	04-09-18 11:43	1976.284585	Other	NA	Electronic	84.513	84.52
CADJPY.	04-09-18	13:32-15:30			84.396	04-09-18 13:40	658.7615283	Other	NA	Electronic	84.387	84.396
CADJPY.	04-09-18	15:32-17:30			84.458	04-09-18 16:29	1317.523057	Other	NA	Electronic	84.45	84.458
CADJPY.	05-09-18	09:32-11:30			84.565	05-09-18 09:43	658.7615283	Other	NA	Electronic	84.558	84.565
CADJPY.	05-09-18	11:32-13:30			84.597	05-09-18 12:45	658.7615283	Other	NA	Electronic	84.59	84.597
CADJPY.	05-09-18	13:30-13:32	84.807	1317.523057								
CADJPY.	05-09-18	15:32-17:30			84.525	05-09-18 15:36	658.7615283	Other	NA	Electronic	84.525	84.532
CADJPY.	06-09-18	09:32-11:30			84.514	06-09-18 09:50	658.7615283	Other	NA	Electronic	84.505	84.514
CADJPY.	06-09-18	11:32-13:30			84.411	06-09-18 12:03	2635.046113	Other	NA	Electronic	84.411	84.416
CADJPY.	06-09-18	13:30-13:32	84.313	1976.284585								
CADJPY.	06-09-18	15:32-17:30			83.927	06-09-18 16:00	658.7615283	Other	NA	Electronic	83.918	83.927
CADJPY.	07-09-18	09:32-11:30			84.308	07-09-18 09:54	1317.523057	Other	NA	Electronic	84.301	84.308
CADJPY.	07-09-18	11:32-13:30			84.506	07-09-18 12:03	658.7615283	Other	NA	Electronic	84.497	84.506
CADJPY.	07-09-18	13:32-15:30			84.422	07-09-18 13:52	658.7615283	Other	NA	Electronic	84.422	84.431

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	07-09-18	15:32-17:30			84.116	07-09-18 16:46	658.7615283	Other	NA	Electronic	84.108	84.116
CADJPY.	10-09-18	09:32-11:30			84.344	10-09-18 09:42	7905.13834	Other	NA	Electronic	84.339	84.344
CADJPY.	10-09-18	11:32-13:30			84.199	10-09-18 12:14	13833.99209	Other	NA	Electronic	84.199	84.207
CADJPY.	10-09-18	13:32-15:30			84.458	10-09-18 13:54	658.7615283	Other	NA	Electronic	84.458	84.466
CADJPY.	10-09-18	15:32-17:30			84.42	10-09-18 17:09	658.7615283	Other	NA	Electronic	84.42	84.429
CADJPY.	11-09-18	09:32-11:30			84.647	11-09-18 09:50	658.7615283	Other	NA	Electronic	84.647	84.655
CADJPY.	11-09-18	11:32-13:30			84.593	11-09-18 11:35	39525.6917	Other	NA	Electronic	84.593	84.6
CADJPY.	11-09-18	13:32-15:30			84.753	11-09-18 14:07	32938.07642	Other	NA	Electronic	84.745	84.753
CADJPY.	11-09-18	15:32-17:30			84.891	11-09-18 15:35	658.7615283	Other	NA	Electronic	84.883	84.891
CADJPY.	12-09-18	09:32-11:30			85.374	12-09-18 09:55	9881.422925	Other	NA	Electronic	85.365	85.374
CADJPY.	12-09-18	11:30-11:32	85.358	658.7615283								
CADJPY.	12-09-18	13:30-13:32	85.193	2635.046113								
CADJPY.	12-09-18	15:32-17:30			85.747	12-09-18 15:39	7246.376812	Other	NA	Electronic	85.747	85.755
CADJPY.	13-09-18	09:32-11:30			85.643	13-09-18 09:46	3293.807642	Other	NA	Electronic	85.635	85.643
CADJPY.	13-09-18	11:32-13:30			85.807	13-09-18 12:04	658.7615283	Other	NA	Electronic	85.807	85.815

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	13-09-18	13:32-15:30			85.823	13-09-18 13:32	658.7615283	Other	NA	Electronic	85.823	85.832
CADJPY.	13-09-18	15:32-17:30			86.042	13-09-18 15:34	14492.75362	Other	NA	Electronic	86.042	86.051
CADJPY.	14-09-18	09:32-11:30			85.944	14-09-18 09:37	3293.807642	Other	NA	Electronic	85.944	85.953
CADJPY.	14-09-18	11:32-13:30			86.065	14-09-18 11:46	658.7615283	Other	NA	Electronic	86.065	86.074
CADJPY.	14-09-18	13:32-15:30			85.9	14-09-18 14:09	3293.807642	Other	NA	Electronic	85.9	85.909
CADJPY.	14-09-18	15:32-17:30			85.888	14-09-18 16:05	3293.807642	Other	NA	Electronic	85.878	85.888
CADJPY.	17-09-18	09:32-11:30			86.042	17-09-18 10:30	658.7615283	Other	NA	Electronic	86.033	86.042
CADJPY.	17-09-18	11:32-13:30			86.037	17-09-18 12:36	3293.807642	Other	NA	Electronic	86.029	86.037
CADJPY.	17-09-18	13:32-15:30			85.999	17-09-18 14:05	1317.523057	Other	NA	Electronic	85.999	86.007
CADJPY.	18-09-18	09:32-11:30			85.971	18-09-18 09:43	658.7615283	Other	NA	Electronic	85.963	85.971
CADJPY.	18-09-18	11:32-13:30			86.137	18-09-18 12:25	1317.523057	Other	NA	Electronic	86.137	86.144
CADJPY.	18-09-18	13:30-13:32	86.304	658.7615283								
CADJPY.	18-09-18	15:32-17:30			86.501	18-09-18 15:36	3293.807642	Other	NA	Electronic	86.501	86.509
CADJPY.	19-09-18	09:32-11:30			86.758	19-09-18 09:38	7246.376812	Other	NA	Electronic	86.758	86.767
CADJPY.	19-09-18	11:32-13:30			86.751	19-09-18 11:48	658.7615283	Other	NA	Electronic	86.743	86.751

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	19-09-18	13:32-15:30			86.626	19-09-18 13:42	658.7615283	Other	NA	Electronic	86.626	86.634
CADJPY.	19-09-18	15:32-17:30			86.692	19-09-18 16:42	658.7615283	Other	NA	Electronic	86.692	86.701
CADJPY.	20-09-18	09:32-11:30			86.955	20-09-18 09:48	1976.284585	Other	NA	Electronic	86.947	86.955
CADJPY.	20-09-18	13:32-15:30			87.051	20-09-18 13:32	658.7615283	Other	NA	Electronic	87.051	87.058
CADJPY.	20-09-18	15:30-15:32	87.097	32938.07642								
CADJPY.	21-09-18	11:32-13:30			87.207	21-09-18 11:58	13175.23057	Other	NA	Electronic	87.201	87.207
CADJPY.	21-09-18	13:32-15:30			87.133	21-09-18 13:43	658.7615283	Other	NA	Electronic	87.124	87.133
CADJPY.	21-09-18	15:32-17:30			87.18	21-09-18 15:34	3293.807642	Other	NA	Electronic	87.171	87.18
CADJPY.	24-09-18	09:32-11:30			86.991	24-09-18 10:41	3293.807642	Other	NA	Electronic	86.991	86.999
CADJPY.	24-09-18	11:32-13:30			87.188	24-09-18 13:08	1976.284585	Other	NA	Electronic	87.18	87.188
CADJPY.	24-09-18	13:32-15:30			87.187	24-09-18 14:00	658.7615283	Other	NA	Electronic	87.178	87.187
CADJPY.	24-09-18	15:32-17:30			87.076	24-09-18 16:00	3293.807642	Other	NA	Electronic	87.066	87.076
CADJPY.	25-09-18	09:32-11:30			87.07	25-09-18 09:42	33596.83794	Other	NA	Electronic	87.07	87.079
CADJPY.	25-09-18	11:32-13:30			86.955	25-09-18 11:32	13175.23057	Other	NA	Electronic	86.955	86.963
CADJPY.	25-09-18	13:32-15:30			87.214	25-09-18 14:03	3293.807642	Other	NA	Electronic	87.214	87.222



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPY.	25-09-18	15:32-17:30			87.213	25-09-18 15:39	658.7615283	Other	NA	Electronic	87.213	87.22
CADJPY.	26-09-18	09:32-11:30			87.178	26-09-18 09:49	658.7615283	Other	NA	Electronic	87.17	87.178
CADJPY.	26-09-18	13:32-15:30			87.189	26-09-18 14:05	658.7615283	Other	NA	Electronic	87.189	87.198
CADJPY.	26-09-18	15:32-17:30			87.087	26-09-18 17:14	6587.615283	Other	NA	Electronic	87.078	87.087
CADJPY.	27-09-18	09:32-11:30			86.351	27-09-18 09:49	658.7615283	Other	NA	Electronic	86.351	86.359
CADJPY.	27-09-18	11:32-13:30			86.381	27-09-18 11:34	9881.422925	Other	NA	Electronic	86.381	86.39
CADJPY.	27-09-18	13:32-15:30			86.525	27-09-18 13:32	1317.523057	Other	NA	Electronic	86.515	86.525
CADJPY.	27-09-18	15:32-17:30			86.81	27-09-18 15:34	2635.046113	Other	NA	Electronic	86.802	86.81
CADJPY.	28-09-18	09:32-11:30			87.103	28-09-18 09:58	658.7615283	Other	NA	Electronic	87.103	87.112
CADJPY.	28-09-18	11:30-11:32	87.1665	8563.899868								
CADJPY.	28-09-18	13:32-15:30			87.485	28-09-18 13:48	658.7615283	Other	NA	Electronic	87.485	87.494
CADJPY.	28-09-18	15:32-17:30			87.839	28-09-18 15:52	1317.523057	Other	NA	Electronic	87.839	87.845
CADJPYmicro	02-07-18	09:30-09:32	84.113	230.5665349								
CADJPYmicro	02-07-18	11:30-11:32	84.046	65876.15283								
CADJPYmicro	02-07-18	13:30-13:32	83.999	658.7615283								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	02-07-18	15:30-15:32	83.8245	46.11330698								
CADJPYmicro	03-07-18	09:30-09:32	84.288	988.1422925								
CADJPYmicro	03-07-18	11:32-13:30			84.258	03-07-18 11:33	26.35046113	Other	NA	Electronic	84.258	84.292
CADJPYmicro	03-07-18	13:30-13:32	84.1944	5105.401845								
CADJPYmicro	03-07-18	15:30-15:32	83.977	131.7523057								
CADJPYmicro	04-07-18	09:30-09:32	84.006	65.87615283								
CADJPYmicro	04-07-18	11:32-13:30			84.061	04-07-18 11:33	65.87615283	Other	NA	Electronic	84.025	84.061
CADJPYmicro	04-07-18	13:32-15:30			84.037	04-07-18 13:34	65.87615283	Other	NA	Electronic	84.037	84.073
CADJPYmicro	04-07-18	15:32-17:30			84.064	04-07-18 16:05	65.87615283	Other	NA	Electronic	84.064	84.101
CADJPYmicro	05-07-18	09:32-11:30			84.186	05-07-18 09:45	1317.523057	Other	NA	Electronic	84.186	84.22
CADJPYmicro	05-07-18	11:32-13:30			84.224	05-07-18 11:48	197.6284585	Other	NA	Electronic	84.224	84.258
CADJPYmicro	05-07-18	13:30-13:32	84.236	65.87615283								
CADJPYmicro	05-07-18	15:32-17:30			84.306	05-07-18 15:32	1317.523057	Other	NA	Electronic	84.272	84.306
CADJPYmicro	06-07-18	09:32-11:30			84.245	06-07-18 09:37	658.7615283	Other	NA	Electronic	84.21	84.245
CADJPYmicro	06-07-18	11:30-11:32	84.193	395.256917								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	06-07-18	13:30-13:32	84.171	65.87615283								
CADJPYmicro	06-07-18	15:32-17:30			84.46	06-07-18 15:33	3115.942029	Other	NA	Electronic	84.427	84.46
CADJPYmicro	09-07-18	09:32-11:30			84.455	09-07-18 09:33	131.7523057	Other	NA	Electronic	84.455	84.49
CADJPYmicro	09-07-18	11:32-13:30			84.466	09-07-18 11:37	65.87615283	Other	NA	Electronic	84.431	84.466
CADJPYmicro	09-07-18	13:30-13:32	84.575	32.93807642								
CADJPYmicro	09-07-18	15:32-17:30			84.482	09-07-18 15:44	6587.615283	Other	NA	Electronic	84.482	84.515
CADJPYmicro	10-07-18	09:32-11:30			84.626	10-07-18 09:41	1317.523057	Other	NA	Electronic	84.626	84.66
CADJPYmicro	10-07-18	11:30-11:32	84.742	13.17523057								
CADJPYmicro	10-07-18	13:30-13:32	84.647	1976.284585								
CADJPYmicro	10-07-18	15:30-15:32	84.80931	2193.675889								
CADJPYmicro	11-07-18	09:32-11:30			84.455	11-07-18 09:38	65.87615283	Other	NA	Electronic	84.42	84.455
CADJPYmicro	11-07-18	11:30-11:32	84.541	19.76284585								
CADJPYmicro	11-07-18	13:30-13:32	84.665	131.7523057								
CADJPYmicro	11-07-18	15:32-17:30			84.855	11-07-18 15:38	32.93807642	Other	NA	Electronic	84.855	84.889
CADJPYmicro	12-07-18	09:30-09:32	85.203	1976.284585								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	12-07-18	11:32-13:30			85.302	12-07-18 11:33	988.1422925	Other	NA	Electronic	85.302	85.335
CADJPYmicro	12-07-18	13:32-15:30			85.388	12-07-18 13:35	757.5757576	Other	NA	Electronic	85.388	85.421
CADJPYmicro	12-07-18	15:32-17:30			85.417	12-07-18 15:47	13.17523057	Other	NA	Electronic	85.417	85.452
CADJPYmicro	13-07-18	09:30-09:32	85.363	65.87615283								
CADJPYmicro	13-07-18	11:30-11:32	85.304	658.7615283								
CADJPYmicro	13-07-18	13:32-15:30			85.386	13-07-18 13:33	6.587615283	Other	NA	Electronic	85.353	85.386
CADJPYmicro	13-07-18	15:32-17:30			85.464	13-07-18 15:32	289.8550725	Other	NA	Electronic	85.429	85.464
CADJPYmicro	16-07-18	09:32-11:30			85.52	16-07-18 09:39	19762.84585	Other	NA	Electronic	85.52	85.552
CADJPYmicro	16-07-18	11:30-11:32	85.449	79.0513834								
CADJPYmicro	16-07-18	13:32-15:30			85.55	16-07-18 13:32	6.587615283	Other	NA	Electronic	85.516	85.55
CADJPYmicro	16-07-18	15:30-15:32	85.5495	856.3899868								
CADJPYmicro	17-07-18	09:32-11:30			85.627	17-07-18 09:41	1317.523057	Other	NA	Electronic	85.627	85.663
CADJPYmicro	17-07-18	11:32-13:30			85.547	17-07-18 11:44	32.93807642	Other	NA	Electronic	85.514	85.547
CADJPYmicro	17-07-18	13:30-13:32	85.496	32.93807642								
CADJPYmicro	17-07-18	15:32-17:30			85.516	17-07-18 15:34	6587.615283	Other	NA	Electronic	85.483	85.517

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	18-07-18	09:32-11:30			85.338	18-07-18 09:32	8563.899868	Other	NA	Electronic	85.303	85.338
CADJPYmicro	18-07-18	11:32-13:30			85.359	18-07-18 11:35	658.7615283	Other	NA	Electronic	85.324	85.359
CADJPYmicro	18-07-18	13:30-13:32	85.216	26.35046113								
CADJPYmicro	18-07-18	15:30-15:32	85.37633	6528.326746								
CADJPYmicro	19-07-18	09:30-09:32	85.46233	1449.275362								
CADJPYmicro	19-07-18	11:32-13:30			85.39	19-07-18 11:33	790.513834	Other	NA	Electronic	85.355	85.389
CADJPYmicro	19-07-18	13:32-15:30			85.331	19-07-18 13:32	1317.523057	Other	NA	Electronic	85.297	85.331
CADJPYmicro	19-07-18	15:30-15:32	85.0825	2213.438735								
CADJPYmicro	20-07-18	09:32-11:30			84.881	20-07-18 09:32	263.5046113	Other	NA	Electronic	84.846	84.881
CADJPYmicro	20-07-18	11:32-13:30			84.885	20-07-18 11:37	13.17523057	Other	NA	Electronic	84.85	84.885
CADJPYmicro	20-07-18	13:32-15:30			85.187	20-07-18 13:41	65.87615283	Other	NA	Electronic	85.153	85.187
CADJPYmicro	20-07-18	15:30-15:32	85.094	197.6284585								
CADJPYmicro	23-07-18	09:32-11:30			84.463	23-07-18 09:32	329.3807642	Other	NA	Electronic	84.463	84.499
CADJPYmicro	23-07-18	11:32-13:30			84.545	23-07-18 11:37	65.87615283	Other	NA	Electronic	84.511	84.545
CADJPYmicro	23-07-18	13:32-15:30			84.622	23-07-18 13:35	658.7615283	Other	NA	Electronic	84.587	84.622

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	23-07-18	15:32-17:30			84.644	23-07-18 15:44	1982.8722	Other	NA	Electronic	84.611	84.643
CADJPYmicro	24-07-18	09:32-11:30			84.41	24-07-18 09:33	131.7523057	Other	NA	Electronic	84.41	84.445
CADJPYmicro	24-07-18	11:32-13:30			84.395	24-07-18 11:36	658.7615283	Other	NA	Electronic	84.395	84.429
CADJPYmicro	24-07-18	13:32-15:30			84.454	24-07-18 13:32	65.87615283	Other	NA	Electronic	84.42	84.454
CADJPYmicro	24-07-18	15:32-17:30			84.478	24-07-18 15:36	658.7615283	Other	NA	Electronic	84.478	84.511
CADJPYmicro	25-07-18	09:32-11:30			84.618	25-07-18 09:35	13.17523057	Other	NA	Electronic	84.584	84.618
CADJPYmicro	25-07-18	11:32-13:30			84.627	25-07-18 11:34	395.256917	Other	NA	Electronic	84.593	84.627
CADJPYmicro	25-07-18	13:30-13:32	84.823	65.87615283								
CADJPYmicro	25-07-18	15:30-15:32	84.567	1976.284585								
CADJPYmicro	26-07-18	09:32-11:30			84.935	26-07-18 09:32	6.587615283	Other	NA	Electronic	84.898	84.934
CADJPYmicro	26-07-18	11:32-13:30			84.936	26-07-18 11:33	46.11330698	Other	NA	Electronic	84.936	84.971
CADJPYmicro	26-07-18	13:32-15:30			85.097	26-07-18 13:34	13175.23057	Other	NA	Electronic	85.063	85.097
CADJPYmicro	26-07-18	15:30-15:32	84.948	263.5046113								
CADJPYmicro	27-07-18	09:32-11:30			85.058	27-07-18 09:34	3293.807642	Other	NA	Electronic	85.058	85.093
CADJPYmicro	27-07-18	11:32-13:30			85.065	27-07-18 11:32	98.81422925	Other	NA	Electronic	85.066	85.1

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	27-07-18	13:30-13:32	84.925	65.87615283								
CADJPYmicro	27-07-18	15:32-17:30			84.985	27-07-18 15:38	988.1422925	Other	NA	Electronic	84.985	85.019
CADJPYmicro	30-07-18	09:30-09:32	85.041	72.46376812								
CADJPYmicro	30-07-18	11:30-11:32	85.144	724.6376812								
CADJPYmicro	30-07-18	13:32-15:30			85.207	30-07-18 13:37	3293.807642	Other	NA	Electronic	85.171	85.207
CADJPYmicro	30-07-18	15:30-15:32	85.318	13.17523057								
CADJPYmicro	31-07-18	09:32-11:30			85.468	31-07-18 09:34	98.81422925	Other	NA	Electronic	85.468	85.503
CADJPYmicro	31-07-18	11:32-13:30			85.519	31-07-18 11:33	658.7615283	Other	NA	Electronic	85.484	85.519
CADJPYmicro	31-07-18	13:30-13:32	85.7785	1106.719368								
CADJPYmicro	31-07-18	15:30-15:32	85.949	230.5665349								
CADJPYmicro	01-08-18	09:30-09:32	85.93367	461.1330698								
CADJPYmicro	01-08-18	11:30-11:32	85.924	329.3807642								
CADJPYmicro	01-08-18	13:30-13:32	86.05	1976.284585								
CADJPYmicro	01-08-18	15:30-15:32	85.993	32938.07642								
CADJPYmicro	02-08-18	09:32-11:30			85.586	02-08-18 09:32	131.7523057	Other	NA	Electronic	85.586	85.621

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	02-08-18	11:30-11:32	85.66575	3458.498024								
CADJPYmicro	02-08-18	13:32-15:30			85.574	02-08-18 13:44	3293.807642	Other	NA	Electronic	85.539	85.574
CADJPYmicro	02-08-18	15:32-17:30			85.709	02-08-18 15:47	79.0513834	Other	NA	Electronic	85.709	85.743
CADJPYmicro	03-08-18	09:32-11:30			85.836	03-08-18 09:38	263.5046113	Other	NA	Electronic	85.802	85.837
CADJPYmicro	03-08-18	11:32-13:30			85.895	03-08-18 11:32	131.7523057	Other	NA	Electronic	85.895	85.929
CADJPYmicro	03-08-18	13:32-15:30			85.688	03-08-18 13:32	658.7615283	Other	NA	Electronic	85.688	85.722
CADJPYmicro	03-08-18	15:32-17:30			85.678	03-08-18 15:32	65.87615283	Other	NA	Electronic	85.645	85.678
CADJPYmicro	06-08-18	09:30-09:32	85.526	39.5256917								
CADJPYmicro	06-08-18	11:30-11:32	85.571	131.7523057								
CADJPYmicro	06-08-18	13:30-13:32	85.543	665.3491436								
CADJPYmicro	06-08-18	15:30-15:32	85.69033	1449.275362								
CADJPYmicro	07-08-18	09:32-11:30			85.763	07-08-18 09:37	658.7615283	Other	NA	Electronic	85.729	85.763
CADJPYmicro	07-08-18	11:32-13:30			85.695	07-08-18 11:40	329.3807642	Other	NA	Electronic	85.661	85.695
CADJPYmicro	07-08-18	13:30-13:32	85.534	2239.789196								
CADJPYmicro	07-08-18	15:30-15:32	85.4255	92.22661397								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	08-08-18	09:30-09:32	84.795	131.7523057								
CADJPYmicro	08-08-18	11:32-13:30			84.848	08-08-18 11:49	65876.15283	Other	NA	Electronic	84.848	84.882
CADJPYmicro	08-08-18	13:30-13:32	84.957	6587.615283								
CADJPYmicro	08-08-18	15:30-15:32	84.91	164.6903821								
CADJPYmicro	09-08-18	09:32-11:30			85.367	09-08-18 09:32	1976.284585	Other	NA	Electronic	85.332	85.367
CADJPYmicro	09-08-18	11:30-11:32	85.237	658.7615283								
CADJPYmicro	09-08-18	13:32-15:30			85.227	09-08-18 13:34	13175.23057	Other	NA	Electronic	85.227	85.26
CADJPYmicro	09-08-18	15:32-17:30			85.119	09-08-18 15:33	658.7615283	Other	NA	Electronic	85.085	85.119
CADJPYmicro	10-08-18	09:32-11:30			84.711	10-08-18 09:41	329.3807642	Other	NA	Electronic	84.677	84.711
CADJPYmicro	10-08-18	11:32-13:30			84.757	10-08-18 11:35	118.5770751	Other	NA	Electronic	84.722	84.757
CADJPYmicro	10-08-18	13:30-13:32	84.65	3050.065876								
CADJPYmicro	10-08-18	15:30-15:32	84.455	65876.15283								
CADJPYmicro	13-08-18	09:30-09:32	83.958	803.6890646								
CADJPYmicro	13-08-18	11:32-13:30			83.82	13-08-18 11:32	658.7615283	Other	NA	Electronic	83.82	83.855
CADJPYmicro	13-08-18	13:30-13:32	84.36	395.256917								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	13-08-18	15:30-15:32	84.35025	1403.162055								
CADJPYmicro	14-08-18	09:30-09:32	84.769	197.6284585								
CADJPYmicro	14-08-18	11:32-13:30			84.66	14-08-18 11:37	13.17523057	Other	NA	Electronic	84.66	84.695
CADJPYmicro	14-08-18	13:32-15:30			84.726	14-08-18 13:32	1317.523057	Other	NA	Electronic	84.726	84.76
CADJPYmicro	14-08-18	15:32-17:30			84.652	14-08-18 15:48	6.587615283	Other	NA	Electronic	84.652	84.685
CADJPYmicro	15-08-18	09:30-09:32	85.051	658.7615283								
CADJPYmicro	15-08-18	11:30-11:32	84.6848	2239.789196								
CADJPYmicro	15-08-18	13:32-15:30			84.512	15-08-18 13:32	131.7523057	Other	NA	Electronic	84.479	84.512
CADJPYmicro	15-08-18	15:30-15:32	83.949	65.87615283								
CADJPYmicro	16-08-18	09:32-11:30			84.417	16-08-18 09:35	1581.027668	Other	NA	Electronic	84.382	84.417
CADJPYmicro	16-08-18	11:32-13:30			84.341	16-08-18 11:41	263.5046113	Other	NA	Electronic	84.341	84.376
CADJPYmicro	16-08-18	13:32-15:30			84.155	16-08-18 13:40	131.7523057	Other	NA	Electronic	84.121	84.155
CADJPYmicro	16-08-18	15:32-17:30			84.22	16-08-18 15:41	263.5046113	Other	NA	Electronic	84.22	84.253
CADJPYmicro	17-08-18	09:30-09:32	84.138	65.87615283								
CADJPYmicro	17-08-18	11:32-13:30			83.983	17-08-18 11:33	658.7615283	Other	NA	Electronic	83.947	83.983

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CADJPYmicro	17-08-18	13:30-13:32	84.47033	4466.403162								
CADJPYmicro	17-08-18	15:32-17:30			84.485	17-08-18 15:32	1317.523057	Other	NA	Electronic	84.45	84.485
CADJPYmicro	20-08-18	09:30-09:32	84.638	658.7615283								
CADJPYmicro	20-08-18	11:30-11:32	84.614	118.5770751								
CADJPYmicro	20-08-18	13:30-13:32	84.467	428.1949934								
CADJPYmicro	20-08-18	15:30-15:32	84.535	65.87615283								
CADJPYmicro	21-08-18	09:30-09:32	84.607	39.5256917								
CADJPYmicro	21-08-18	11:32-13:30			84.751	21-08-18 11:58	658.7615283	Other	NA	Electronic	84.719	84.751
CADJPYmicro	21-08-18	13:32-15:30			84.693	21-08-18 13:33	6.587615283	Other	NA	Electronic	84.693	84.728
CADJPYmicro	21-08-18	15:30-15:32	84.57414	1712.779974								
CADJPYmicro	22-08-18	09:32-11:30			84.732	22-08-18 09:53	1119.894598	Other	NA	Electronic	84.699	84.732
CADJPYmicro	22-08-18	11:32-13:30			84.768	22-08-18 11:33	98.81422925	Other	NA	Electronic	84.734	84.768
CADJPYmicro	22-08-18	13:32-15:30			84.807	22-08-18 13:34	329.3807642	Other	NA	Electronic	84.773	84.807
CADJPYmicro	22-08-18	15:30-15:32	84.875	98.81422925								
CADJPYmicro	23-08-18	09:32-11:30			84.964	23-08-18 09:40	32.93807642	Other	NA	Electronic	84.964	84.998

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	23-08-18	11:32-13:30			84.999	23-08-18 12:23	263.5046113	Other	NA	Electronic	84.965	84.999
CADJPYmicro	23-08-18	13:30-13:32	84.9605	1251.646904								
CADJPYmicro	23-08-18	15:32-17:30			85.16	23-08-18 15:40	658.7615283	Other	NA	Electronic	85.127	85.16
CADJPYmicro	24-08-18	09:32-11:30			85.226	24-08-18 10:01	72.46376812	Other	NA	Electronic	85.191	85.226
CADJPYmicro	24-08-18	11:32-13:30			85.174	24-08-18 11:36	395.256917	Other	NA	Electronic	85.174	85.208
CADJPYmicro	24-08-18	13:32-15:30			85.286	24-08-18 13:38	204.2160738	Other	NA	Electronic	85.286	85.32
CADJPYmicro	24-08-18	15:32-17:30			85.343	24-08-18 15:35	65.87615283	Other	NA	Electronic	85.343	85.376
CADJPYmicro	27-08-18	09:30-09:32	85.298	3293.807642								
CADJPYmicro	27-08-18	11:32-13:30			85.063	27-08-18 11:45	65.87615283	Other	NA	Electronic	85.063	85.097
CADJPYmicro	27-08-18	13:32-15:30			85.106	27-08-18 13:34	461.1330698	Other	NA	Electronic	85.106	85.14
CADJPYmicro	27-08-18	15:32-17:30			85.505	27-08-18 15:32	92.22661397	Other	NA	Electronic	85.505	85.54
CADJPYmicro	28-08-18	09:32-11:30			85.858	28-08-18 09:45	658.7615283	Other	NA	Electronic	85.824	85.858
CADJPYmicro	28-08-18	11:30-11:32	85.88413	2075.098814								
CADJPYmicro	28-08-18	13:30-13:32	86.17	658.7615283								
CADJPYmicro	28-08-18	15:32-17:30			85.955	28-08-18 15:37	13.17523057	Other	NA	Electronic	85.92	85.955

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	29-08-18	09:32-11:30			86.002	29-08-18 09:34	32.93807642	Other	NA	Electronic	86.002	86.037
CADJPYmicro	29-08-18	11:32-13:30			85.939	29-08-18 11:34	65.87615283	Other	NA	Electronic	85.939	85.973
CADJPYmicro	29-08-18	13:30-13:32	86.11033	2667.98419								
CADJPYmicro	29-08-18	15:30-15:32	86.3268	1436.100132								
CADJPYmicro	30-08-18	09:30-09:32	86.2605	111.9894598								
CADJPYmicro	30-08-18	11:32-13:30			86.26	30-08-18 11:34	658.7615283	Other	NA	Electronic	86.225	86.26
CADJPYmicro	30-08-18	13:32-15:30			85.712	30-08-18 13:32	6.587615283	Other	NA	Electronic	85.712	85.749
CADJPYmicro	30-08-18	15:30-15:32	85.65067	889.3280632								
CADJPYmicro	31-08-18	09:32-11:30			85.151	31-08-18 09:40	658.7615283	Other	NA	Electronic	85.117	85.151
CADJPYmicro	31-08-18	11:32-13:30			85.237	31-08-18 11:33	204.2160738	Other	NA	Electronic	85.203	85.237
CADJPYmicro	31-08-18	13:30-13:32	84.891	658.7615283								
CADJPYmicro	31-08-18	15:30-15:32	84.731	474.3083004								
CADJPYmicro	03-09-18	09:32-11:30			85.039	03-09-18 09:34	65.87615283	Other	NA	Electronic	85.039	85.073
CADJPYmicro	03-09-18	11:32-13:30			85.042	03-09-18 11:57	85.63899868	Other	NA	Electronic	85.042	85.077
CADJPYmicro	03-09-18	13:32-15:30			85.054	03-09-18 13:36	2641.633729	Other	NA	Electronic	85.02	85.054

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	03-09-18	15:30-15:32	84.836	131.7523057								
CADJPYmicro	04-09-18	09:30-09:32	84.71467	3893.280632								
CADJPYmicro	04-09-18	11:30-11:32	84.569	13.17523057								
CADJPYmicro	04-09-18	13:30-13:32	84.4805	39.5256917								
CADJPYmicro	04-09-18	15:30-15:32	84.529	13.17523057								
CADJPYmicro	05-09-18	09:32-11:30			84.562	05-09-18 09:58	65.87615283	Other	NA	Electronic	84.562	84.596
CADJPYmicro	05-09-18	11:32-13:30			84.708	05-09-18 11:38	3293.807642	Other	NA	Electronic	84.708	84.742
CADJPYmicro	05-09-18	13:30-13:32	84.81475	527.0092227								
CADJPYmicro	05-09-18	15:30-15:32	84.50143	250.3293808								
CADJPYmicro	06-09-18	09:32-11:30			84.532	06-09-18 09:36	329.3807642	Other	NA	Electronic	84.532	84.566
CADJPYmicro	06-09-18	11:32-13:30			84.406	06-09-18 11:36	197.6284585	Other	NA	Electronic	84.373	84.406
CADJPYmicro	06-09-18	13:30-13:32	84.284	26.35046113								
CADJPYmicro	06-09-18	15:32-17:30			83.925	06-09-18 15:33	26.35046113	Other	NA	Electronic	83.925	83.96
CADJPYmicro	07-09-18	09:32-11:30			84.313	07-09-18 10:00	26.35046113	Other	NA	Electronic	84.313	84.348
CADJPYmicro	07-09-18	11:32-13:30			84.455	07-09-18 11:35	65.87615283	Other	NA	Electronic	84.455	84.488

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CADJPYmicro	07-09-18	13:32-15:30			84.327	07-09-18 13:37	1383.399209	Other	NA	Electronic	84.327	84.361
CADJPYmicro	07-09-18	15:30-15:32	84.423	32938.07642								
CADJPYmicro	10-09-18	09:30-09:32	84.42	830.0395257								
CADJPYmicro	10-09-18	11:30-11:32	84.291	184.4532279								
CADJPYmicro	10-09-18	13:30-13:32	84.543	2536.231884								
CADJPYmicro	10-09-18	15:32-17:30			84.435	10-09-18 16:00	32.93807642	Other	NA	Electronic	84.4	84.435
CADJPYmicro	11-09-18	09:32-11:30			84.642	11-09-18 09:59	2009.222661	Other	NA	Electronic	84.642	84.676
CADJPYmicro	11-09-18	11:32-13:30			84.629	11-09-18 11:34	32.93807642	Other	NA	Electronic	84.596	84.629
CADJPYmicro	11-09-18	13:32-15:30			84.671	11-09-18 13:39	111.9894598	Other	NA	Electronic	84.638	84.671
CADJPYmicro	11-09-18	15:32-17:30			84.89	11-09-18 15:51	32938.07642	Other	NA	Electronic	84.89	84.925
CADJPYmicro	12-09-18	09:32-11:30			85.366	12-09-18 09:47	658.7615283	Other	NA	Electronic	85.366	85.399
CADJPYmicro	12-09-18	11:32-13:30			85.319	12-09-18 11:37	230.5665349	Other	NA	Electronic	85.285	85.319
CADJPYmicro	12-09-18	13:30-13:32	85.23	658.7615283								
CADJPYmicro	12-09-18	15:30-15:32	85.712	131.7523057								
CADJPYmicro	13-09-18	09:30-09:32	85.688	296.4426877								

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CADJPYmicro	13-09-18	11:30-11:32	85.773	26.35046113								
CADJPYmicro	13-09-18	13:32-15:30			85.848	13-09-18 13:33	6587.615283	Other	NA	Electronic	85.813	85.848
CADJPYmicro	13-09-18	15:30-15:32	86.054	316.2055336								
CADJPYmicro	14-09-18	09:32-11:30			85.97	14-09-18 09:39	658.7615283	Other	NA	Electronic	85.937	85.97
CADJPYmicro	14-09-18	11:32-13:30			86.099	14-09-18 11:35	6587.615283	Other	NA	Electronic	86.099	86.134
CADJPYmicro	14-09-18	13:32-15:30			85.991	14-09-18 13:39	329.3807642	Other	NA	Electronic	85.991	86.025
CADJPYmicro	14-09-18	15:32-17:30			86.047	14-09-18 15:40	4611.330698	Other	NA	Electronic	86.047	86.081
CADJPYmicro	17-09-18	09:32-11:30			85.941	17-09-18 09:36	32.93807642	Other	NA	Electronic	85.907	85.941
CADJPYmicro	17-09-18	11:32-13:30			86.033	17-09-18 11:34	658.7615283	Other	NA	Electronic	85.998	86.033
CADJPYmicro	17-09-18	13:32-15:30			86.123	17-09-18 13:33	3293.807642	Other	NA	Electronic	86.088	86.123
CADJPYmicro	17-09-18	15:32-17:30			85.948	17-09-18 15:32	329.3807642	Other	NA	Electronic	85.914	85.948
CADJPYmicro	18-09-18	09:32-11:30			85.935	18-09-18 09:38	65.87615283	Other	NA	Electronic	85.935	85.969
CADJPYmicro	18-09-18	11:32-13:30			86.037	18-09-18 11:39	65.87615283	Other	NA	Electronic	86.004	86.037
CADJPYmicro	18-09-18	13:30-13:32	86.35	6587.615283								
CADJPYmicro	18-09-18	15:30-15:32	86.477	65.87615283								



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CADJPYmicro	19-09-18	09:30-09:32	86.703	65.87615283								
CADJPYmicro	19-09-18	11:32-13:30			86.715	19-09-18 11:32	658.7615283	Other	NA	Electronic	86.682	86.715
CADJPYmicro	19-09-18	13:32-15:30			86.59	19-09-18 13:40	1317.523057	Other	NA	Electronic	86.59	86.625
CADJPYmicro	19-09-18	15:32-17:30			86.687	19-09-18 15:41	658.7615283	Other	NA	Electronic	86.653	86.687
CADJPYmicro	20-09-18	09:32-11:30			86.965	20-09-18 09:36	988.1422925	Other	NA	Electronic	86.93	86.965
CADJPYmicro	20-09-18	11:30-11:32	86.98578	1534.914361								
CADJPYmicro	20-09-18	13:32-15:30			87.036	20-09-18 13:32	658.7615283	Other	NA	Electronic	87.036	87.071
CADJPYmicro	20-09-18	15:30-15:32	87.101	658.7615283								
CADJPYmicro	21-09-18	09:30-09:32	87.3275	26.35046113								
CADJPYmicro	21-09-18	11:32-13:30			87.264	21-09-18 11:37	131.7523057	Other	NA	Electronic	87.23	87.264
CADJPYmicro	21-09-18	13:30-13:32	87.255	65.87615283								
CADJPYmicro	21-09-18	15:32-17:30			87.184	21-09-18 15:36	658.7615283	Other	NA	Electronic	87.148	87.184
CADJPYmicro	24-09-18	09:32-11:30			87.118	24-09-18 09:33	6.587615283	Other	NA	Electronic	87.083	87.118
CADJPYmicro	24-09-18	11:32-13:30			87.028	24-09-18 11:36	65.87615283	Other	NA	Electronic	86.994	87.028
CADJPYmicro	24-09-18	13:32-15:30			87.101	24-09-18 13:36	329.3807642	Other	NA	Electronic	87.101	87.135

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CADJPYmicro	24-09-18	15:30-15:32	87.079	658.7615283								
CADJPYmicro	25-09-18	09:32-11:30			87.122	25-09-18 10:24	65.87615283	Other	NA	Electronic	87.087	87.122
CADJPYmicro	25-09-18	11:30-11:32	86.9817	1363.636364								
CADJPYmicro	25-09-18	13:32-15:30			87.236	25-09-18 14:02	65.87615283	Other	NA	Electronic	87.202	87.236
CADJPYmicro	25-09-18	15:30-15:32	87.209	1982.8722								
CADJPYmicro	26-09-18	09:32-11:30			87.178	26-09-18 09:44	131.7523057	Other	NA	Electronic	87.144	87.178
CADJPYmicro	26-09-18	11:32-13:30			87.148	26-09-18 11:41	65.87615283	Other	NA	Electronic	87.148	87.182
CADJPYmicro	26-09-18	13:32-15:30			87.136	26-09-18 14:11	65.87615283	Other	NA	Electronic	87.102	87.136
CADJPYmicro	26-09-18	15:32-17:30			87.139	26-09-18 16:05	32.93807642	Other	NA	Electronic	87.105	87.139
CADJPYmicro	27-09-18	09:32-11:30			86.361	27-09-18 09:43	46.11330698	Other	NA	Electronic	86.361	86.395
CADJPYmicro	27-09-18	11:30-11:32	86.3946	428.1949934								
CADJPYmicro	27-09-18	13:32-15:30			86.532	27-09-18 13:33	39.5256917	Other	NA	Electronic	86.496	86.532
CADJPYmicro	27-09-18	15:30-15:32	86.79843	2503.293808								
CADJPYmicro	28-09-18	09:32-11:30			87.191	28-09-18 09:37	39.5256917	Other	NA	Electronic	87.157	87.191
CADJPYmicro	28-09-18	11:32-13:30			87.127	28-09-18 11:35	658.7615283	Other	NA	Electronic	87.127	87.162

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CADJPYmicro	28-09-18	13:32-15:30			87.432	28-09-18 13:37	3293.807642	Other	NA	Electronic	87.432	87.467
CADJPYmicro	28-09-18	15:32-17:30			87.814	28-09-18 15:37	2635.046113	Other	NA	Electronic	87.814	87.85
Caixabank	03-07-18	09:32-11:30			3.725	03-07-18 09:51	37.25	Other	NA	Electronic	3.725	3.735
Caixabank	04-07-18	13:32-15:30			3.759	04-07-18 14:22	892.08	Other	NA	Electronic	3.759	3.769
Caixabank	05-07-18	11:32-13:30			3.954	05-07-18 11:57	1168.2	Other	NA	Electronic	3.954	3.965
Caixabank	09-07-18	13:32-15:30			3.877	09-07-18 14:41	789.4	Other	NA	Electronic	3.877	3.887
Caixabank	17-07-18	13:32-15:30			3.726	17-07-18 15:00	37.22	Other	NA	Electronic	3.726	3.735
Caixabank	31-07-18	09:32-11:30			3.982	31-07-18 10:18	1230.39	Other	NA	Electronic	3.982	3.992
Caixabank	01-08-18	11:32-13:30			3.958	01-08-18 12:52	41.86	Other	NA	Electronic	3.958	3.967
Caixabank	01-08-18	13:32-15:30			3.987	01-08-18 14:32	37.18	Other	NA	Electronic	3.987	3.996
Caixabank	28-08-18	09:32-11:30			3.939	28-08-18 09:56	39.6	Other	NA	Electronic	3.93	3.939
Caixabank	10-09-18	09:32-11:30			4.017	10-09-18 10:11	347.04	Other	NA	Electronic	4.017	4.026
Caixabank	11-09-18	09:32-11:30			4.021	11-09-18 11:07	40.28	Other	NA	Electronic	4.011	4.021
Campbell	24-07-18	15:32-17:30			40.43	24-07-18 17:03	355.5536013	Other	NA	Electronic	40.36	40.43
Campbell	27-07-18	15:32-17:30			41.11	27-07-18 15:37	355.5536013	Other	NA	Electronic	41.11	41.18

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Campbell	24-09-18	15:32-17:30			39.82	24-09-18 17:07	350.1890775	Other	NA	Electronic	39.76	39.82
Campbell	27-09-18	15:32-17:30			38.11	27-09-18 16:21	335.1508223	Other	NA	Electronic	38.05	38.11
Campbell	28-09-18	13:32-15:30			36.06	28-09-18 14:19	317.1225046	Other	NA	Electronic	35.99	36.06
Capital One	05-09-18	13:32-15:30			100.75	05-09-18 13:48	886.0258552	Other	NA	Electronic	100.75	100.85
Carrefour	02-07-18	13:32-15:30			13.792	02-07-18 14:11	1517.12	Other	NA	Electronic	13.753	13.792
Carrefour	06-07-18	09:32-11:30			14.437	06-07-18 09:51	144.37	Other	NA	Electronic	14.393	14.437
Carrefour	10-07-18	09:32-11:30			14.457	10-07-18 11:16	144.57	Other	NA	Electronic	14.413	14.457
Carrefour	11-07-18	09:32-11:30			13.657	11-07-18 09:55	3414.25	Other	NA	Electronic	13.613	13.657
Carrefour	11-07-18	13:32-15:30			13.728	11-07-18 14:05	3441.75	Other	NA	Electronic	13.728	13.772
Carrefour	12-07-18	09:32-11:30			13.058	12-07-18 09:53	144.37	Other	NA	Electronic	13.058	13.097
Carrefour	13-07-18	11:32-13:30			13.102	13-07-18 11:49	131.78	Other	NA	Electronic	13.058	13.102
Carrefour	18-07-18	09:32-11:30			13.443	18-07-18 09:47	131.17	Other	NA	Electronic	13.443	13.487
Carrefour	19-07-18	11:32-13:30			13.518	19-07-18 12:43	135.18	Other	NA	Electronic	13.518	13.562
Carrefour	19-07-18	13:32-15:30			13.477	19-07-18 15:00	270.16	Other	NA	Electronic	13.438	13.477
Carrefour	26-07-18	09:32-11:30			13.997	26-07-18 09:34	1395.3	Other	NA	Electronic	13.953	13.997

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Carrefour	27-07-18	11:32-13:30			15.468	27-07-18 12:35	1642.7	Other	NA	Electronic	15.468	15.507
Carrefour	30-07-18	09:32-11:30			15.373	30-07-18 10:21	131.47	Other	NA	Electronic	15.373	15.417
Carrefour	01-08-18	09:32-11:30			15.282	01-08-18 10:02	152.82	Other	NA	Electronic	15.243	15.282
Carrefour	01-08-18	11:32-13:30			15.312	01-08-18 12:30	135.18	Other	NA	Electronic	15.268	15.312
Carrefour	10-08-18	11:32-13:30			15.393	10-08-18 12:23	191.4	Other	NA	Electronic	15.393	15.432
Carrefour	18-09-18	11:32-13:30			16.527	18-09-18 13:26	165.27	Other	NA	Electronic	16.488	16.527
Carrefour	18-09-18	13:32-15:30			16.508	18-09-18 13:59	165.27	Other	NA	Electronic	16.508	16.547
Caterpillar	03-07-18	13:32-15:30			135.86	03-07-18 14:42	2389.587547	Other	NA	Electronic	135.86	136.02
Caterpillar	03-07-18	15:32-17:30			134.96	03-07-18 16:00	2389.587547	Other	NA	Electronic	134.82	134.96
Caterpillar	09-07-18	13:32-15:30			138.74	09-07-18 13:55	2423.181778	Other	NA	Electronic	138.74	138.88
Caterpillar	10-07-18	13:32-15:30			140.73	10-07-18 15:14	2475.244042	Other	NA	Electronic	140.73	140.87
Caterpillar	10-07-18	15:32-17:30			141.14	10-07-18 17:13	2475.244042	Other	NA	Electronic	141	141.14
Caterpillar	11-07-18	13:32-15:30			138.92	11-07-18 14:30	1221.704336	Other	NA	Electronic	138.78	138.92
Caterpillar	11-07-18	15:32-17:30			137.37	11-07-18 16:52	12080.73169	Other	NA	Electronic	137.22	137.37
Caterpillar	12-07-18	13:32-15:30			138.54	12-07-18 14:26	1218.362501	Other	NA	Electronic	138.4	138.54

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Caterpillar	12-07-18	15:32-17:30			138.61	12-07-18 16:27	3614.72166	Other	NA	Electronic	138.61	138.74
Caterpillar	13-07-18	15:32-17:30			140.68	13-07-18 16:03	1237.182306	Other	NA	Electronic	140.53	140.68
Caterpillar	16-07-18	15:32-17:30			138.23	16-07-18 16:18	1215.636268	Other	NA	Electronic	138.23	138.36
Caterpillar	17-07-18	13:32-15:30			138.01	17-07-18 14:33	1215.636268	Other	NA	Electronic	137.88	138.01
Caterpillar	18-07-18	15:32-17:30			141.41	18-07-18 16:52	1243.602146	Other	NA	Electronic	141.25	141.41
Caterpillar	19-07-18	13:32-15:30			139.17	19-07-18 13:49	1243.602146	Other	NA	Electronic	139.17	139.33
Caterpillar	23-07-18	13:32-15:30			136.27	23-07-18 14:19	1198.399437	Other	NA	Electronic	136.14	136.27
Caterpillar	24-07-18	13:32-15:30			139.89	24-07-18 13:40	1198.399437	Other	NA	Electronic	139.89	140.04
Caterpillar	26-07-18	13:32-15:30			141.66	26-07-18 13:47	1210.359687	Other	NA	Electronic	141.66	141.87
Caterpillar	30-07-18	13:32-15:30			143.67	30-07-18 13:40	1263.477267	Other	NA	Electronic	143.67	143.89
Caterpillar	31-07-18	13:32-15:30			141.78	31-07-18 13:51	2493.712075	Other	NA	Electronic	141.56	141.78
Caterpillar	31-07-18	15:32-17:30			142.9	31-07-18 15:52	2493.712075	Other	NA	Electronic	142.9	143.02
Caterpillar	01-08-18	13:32-15:30			141.33	01-08-18 13:40	1363.908187	Other	NA	Electronic	141.33	141.51
Caterpillar	06-08-18	13:32-15:30			138.32	06-08-18 13:44	1216.427755	Other	NA	Electronic	138.13	138.32
Caterpillar	06-08-18	15:32-17:30			140.21	06-08-18 16:12	1216.427755	Other	NA	Electronic	140.21	140.34

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Caterpillar	07-08-18	13:32-15:30			142.35	07-08-18 13:40	2469.088031	Other	NA	Electronic	142.35	142.53
Caterpillar	08-08-18	13:32-15:30			141.14	08-08-18 13:40	1241.227684	Other	NA	Electronic	141.14	141.37
Caterpillar	09-08-18	13:32-15:30			140.66	09-08-18 14:26	1237.00642	Other	NA	Electronic	140.51	140.66
Caterpillar	10-08-18	13:32-15:30			135.78	10-08-18 14:54	1194.09023	Other	NA	Electronic	135.65	135.78
Caterpillar	14-08-18	13:32-15:30			135.62	14-08-18 14:46	1192.683141	Other	NA	Electronic	135.51	135.62
Caterpillar	14-08-18	15:32-17:30			135.02	14-08-18 16:23	1187.406561	Other	NA	Electronic	134.87	135.02
Caterpillar	15-08-18	13:32-15:30			130.72	15-08-18 13:48	2460.997274	Other	NA	Electronic	130.72	130.99
Caterpillar	15-08-18	15:32-17:30			131.16	15-08-18 17:28	1144.050655	Other	NA	Electronic	131.16	131.29
Caterpillar	16-08-18	15:32-17:30			136.58	16-08-18 17:13	1241.227684	Other	NA	Electronic	136.44	136.58
Caterpillar	20-08-18	13:32-15:30			139.99	20-08-18 13:40	1231.114238	Other	NA	Electronic	139.99	140.21
Caterpillar	21-08-18	13:32-15:30			140.3	21-08-18 13:40	1233.840471	Other	NA	Electronic	140.3	140.49
Caterpillar	22-08-18	13:32-15:30			139.76	22-08-18 13:40	1229.091549	Other	NA	Electronic	139.76	139.98
Caterpillar	23-08-18	13:32-15:30			137.98	23-08-18 14:05	3640.313077	Other	NA	Electronic	137.98	138.11
Caterpillar	24-08-18	13:32-15:30			138.24	24-08-18 14:35	1233.840471	Other	NA	Electronic	138.09	138.24
Caterpillar	28-08-18	13:32-15:30			142.81	28-08-18 13:40	1255.914168	Other	NA	Electronic	142.81	143.04

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Caterpillar	05-09-18	13:32-15:30			139.53	05-09-18 13:45	1255.914168	Other	NA	Electronic	139.35	139.53
Caterpillar	14-09-18	13:32-15:30			145.89	14-09-18 13:40	1283.000616	Other	NA	Electronic	145.89	146.09
Caterpillar	18-09-18	13:32-15:30			148.93	18-09-18 13:42	1283.000616	Other	NA	Electronic	148.73	148.93
Caterpillar	19-09-18	13:32-15:30			150.57	19-09-18 13:40	1324.157946	Other	NA	Electronic	150.57	150.75
Caterpillar	20-09-18	13:32-15:30			157.01	20-09-18 13:40	1324.157946	Other	NA	Electronic	156.74	157.01
Caterpillar	24-09-18	13:32-15:30			154.42	24-09-18 15:17	1358.016006	Other	NA	Electronic	154.28	154.42
Caterpillar	25-09-18	13:32-15:30			153.49	25-09-18 14:57	1358.016006	Other	NA	Electronic	153.49	153.61
CBS	16-08-18	13:32-15:30			52.82	16-08-18 14:13	464.1632222	Other	NA	Electronic	52.82	52.9
CBS	30-08-18	15:32-17:30			52.99	30-08-18 16:16	466.0100255	Other	NA	Electronic	52.92	52.99
CBS	10-09-18	13:32-15:30			55.03	10-09-18 13:40	483.9504001	Other	NA	Electronic	54.89	55.03
CBS	10-09-18	15:32-17:30			54.85	10-09-18 16:22	477.1787881	Other	NA	Electronic	54.85	54.94
CBS	11-09-18	13:32-15:30			55.3	11-09-18 13:41	1935.098056	Other	NA	Electronic	55.22	55.3
CBS	14-09-18	13:32-15:30			56.22	14-09-18 13:59	494.4156187	Other	NA	Electronic	56.14	56.22
Celgene	09-07-18	15:32-17:30			83.86	09-07-18 16:43	723.8589394	Other	NA	Electronic	83.86	83.93
Celgene	26-07-18	15:32-17:30			88.98	26-07-18 16:21	770.2049072	Other	NA	Electronic	88.98	89.07



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Celgene	17-08-18	13:32-15:30			89.85	17-08-18 13:42	1580.335942	Other	NA	Electronic	89.74	89.85
Celgene	22-08-18	13:32-15:30			91.15	22-08-18 14:47	801.6005628	Other	NA	Electronic	91.07	91.15
Celgene	27-08-18	13:32-15:30			91.17	27-08-18 14:59	801.6005628	Other	NA	Electronic	91.17	91.25
Celgene	31-08-18	15:32-17:30			94.08	31-08-18 16:59	1580.335942	Other	NA	Electronic	94.08	94.15
Celgene	04-09-18	15:32-17:30			91.09	04-09-18 16:08	801.0729048	Other	NA	Electronic	91	91.09
Celgene	11-09-18	13:32-15:30			87.84	11-09-18 13:44	772.4914256	Other	NA	Electronic	87.69	87.84
Celgene	14-09-18	15:32-17:30			87.26	14-09-18 17:10	767.3907308	Other	NA	Electronic	87.17	87.26
Celgene	18-09-18	15:32-17:30			88.02	18-09-18 15:57	766.5992437	Other	NA	Electronic	88.02	88.1
Centene	17-07-18	13:32-15:30			131.77	17-07-18 14:59	1158.825081	Other	NA	Electronic	131.58	131.77
Centene	17-07-18	15:32-17:30			133.48	17-07-18 17:07	1173.863337	Other	NA	Electronic	133.15	133.48
Centene	19-07-18	15:32-17:30			135.37	19-07-18 16:46	1158.825081	Other	NA	Electronic	135.37	135.61
Centene	24-07-18	13:32-15:30			132.55	24-07-18 13:40	1196.552634	Other	NA	Electronic	132.55	133.33
Centrica	04-07-18	13:32-15:30			1.61	04-07-18 15:16	17.86843945	Other	NA	Electronic	1.61	1.613
Centrica	28-08-18	11:32-13:30			1.427	28-08-18 12:57	15.8374305	Other	NA	Electronic	1.424	1.427
Centrica	07-09-18	13:32-15:30			1.484	07-09-18 14:48	16.47003984	Other	NA	Electronic	1.481	1.484

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Centrica	13-09-18	13:32-15:30			1.448	13-09-18 15:00	16.0704971	Other	NA	Electronic	1.444	1.448
Centrica	14-09-18	09:32-11:30			1.438	14-09-18 09:56	15.959513	Other	NA	Electronic	1.435	1.438
Centrica	14-09-18	11:32-13:30			1.435	14-09-18 11:58	15.959513	Other	NA	Electronic	1.435	1.439
Centrica	14-09-18	13:32-15:30			1.432	14-09-18 13:46	33.33962243	Other	NA	Electronic	1.432	1.435
Centrica	17-09-18	09:32-11:30			1.451	17-09-18 09:38	161.4818596	Other	NA	Electronic	1.447	1.451
Centrica	18-09-18	09:32-11:30			1.487	18-09-18 11:07	16.47003984	Other	NA	Electronic	1.487	1.49
Centrica	24-09-18	13:32-15:30			1.47	24-09-18 14:10	4382.029455	Other	NA	Electronic	1.47	1.473
CenturyLink	01-08-18	13:32-15:30			18.97	01-08-18 14:42	166.8278955	Other	NA	Electronic	18.9	18.97
Cerner	09-07-18	15:32-17:30			63.24	09-07-18 16:43	554.3048105	Other	NA	Electronic	63.24	63.34
Charles Schwab	11-07-18	15:32-17:30			50.67	11-07-18 16:01	445.6072465	Other	NA	Electronic	50.67	50.74
Charles Schwab	17-07-18	13:32-15:30			53.01	17-07-18 13:40	445.6072465	Other	NA	Electronic	52.92	53.01
Charles Schwab	24-07-18	15:32-17:30			52.77	24-07-18 16:23	464.0752792	Other	NA	Electronic	52.7	52.77
Charles Schwab	30-07-18	13:32-15:30			52.67	30-07-18 14:12	464.0752792	Other	NA	Electronic	52.67	52.74
Charles Schwab	31-07-18	13:32-15:30			51.21	31-07-18 13:53	450.3561692	Other	NA	Electronic	51.21	51.27
Charles Schwab	01-08-18	15:32-17:30			49.91	01-08-18 16:21	450.3561692	Other	NA	Electronic	49.84	49.91

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Chesapeake Energy	10-07-18	13:32-15:30			5.54	10-07-18 13:40	243.6021458	Other	NA	Electronic	5.48	5.54
Chesapeake Energy	10-07-18	15:32-17:30			5.41	10-07-18 15:51	47.57716999	Other	NA	Electronic	5.41	5.47
Chesapeake Energy	16-07-18	15:32-17:30			4.93	16-07-18 16:07	43.35590537	Other	NA	Electronic	4.87	4.93
Chesapeake Energy	19-07-18	13:32-15:30			4.77	19-07-18 14:02	226.8929734	Other	NA	Electronic	4.71	4.77
Chesapeake Energy	20-07-18	15:32-17:30			4.52	20-07-18 15:46	39.75024184	Other	NA	Electronic	4.46	4.52
Chesapeake Energy	27-07-18	13:32-15:30			4.69	27-07-18 13:43	43.35590537	Other	NA	Electronic	4.69	4.75
Chesapeake Energy	30-07-18	13:32-15:30			4.51	30-07-18 14:02	39.66229883	Other	NA	Electronic	4.45	4.51
Chesapeake Energy	31-07-18	15:32-17:30			4.7	31-07-18 16:38	39.66229883	Other	NA	Electronic	4.7	4.76
Chesapeake Energy	01-08-18	13:32-15:30			4.39	01-08-18 13:40	235.2475596	Other	NA	Electronic	4.39	4.45
Chesapeake Energy	07-08-18	13:32-15:30			4.76	07-08-18 13:47	41.86087415	Other	NA	Electronic	4.76	4.82
Chesapeake Energy	07-08-18	15:32-17:30			4.8	07-08-18 16:07	42.47647524	Other	NA	Electronic	4.74	4.8
Chesapeake Energy	16-08-18	13:32-15:30			4.37	16-08-18 15:04	38.43109665	Other	NA	Electronic	4.31	4.37
Chesapeake Energy	16-08-18	15:32-17:30			4.28	16-08-18 17:27	38.43109665	Other	NA	Electronic	4.28	4.34
Chesapeake Energy	17-08-18	13:32-15:30			4.26	17-08-18 15:09	37.46372351	Other	NA	Electronic	4.26	4.32
Chesapeake Energy	17-08-18	15:32-17:30			4.33	17-08-18 16:04	37.46372351	Other	NA	Electronic	4.27	4.33

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Chesapeake Energy	22-08-18	13:32-15:30			4.66	22-08-18 13:40	40.98144402	Other	NA	Electronic	4.6	4.66
Chesapeake Energy	28-08-18	15:32-17:30			4.46	28-08-18 16:13	39.22258377	Other	NA	Electronic	4.4	4.46
Chesapeake Energy	29-08-18	15:32-17:30			4.51	29-08-18 16:39	39.22258377	Other	NA	Electronic	4.51	4.57
Chesapeake Energy	05-09-18	13:32-15:30			4.31	05-09-18 13:47	37.90343857	Other	NA	Electronic	4.31	4.37
Chesapeake Energy	06-09-18	13:32-15:30			4.3	06-09-18 13:43	37.90343857	Other	NA	Electronic	4.24	4.3
Chesapeake Energy	06-09-18	15:32-17:30			4.06	06-09-18 16:18	71.4097265	Other	NA	Electronic	4.06	4.12
Chesapeake Energy	07-09-18	13:32-15:30			3.95	07-09-18 13:46	347.3749011	Other	NA	Electronic	3.95	4.01
Chesapeake Energy	10-09-18	13:32-15:30			4.15	10-09-18 13:47	347.3749011	Other	NA	Electronic	4.09	4.15
Chesapeake Energy	14-09-18	13:32-15:30			3.98	14-09-18 14:46	35.00131915	Other	NA	Electronic	3.98	4.04
Chesapeake Energy	20-09-18	13:32-15:30			4.49	20-09-18 13:40	35.00131915	Other	NA	Electronic	4.43	4.49
Chesapeake Energy	20-09-18	15:32-17:30			4.42	20-09-18 17:08	38.87081171	Other	NA	Electronic	4.36	4.42
Chesapeake Energy	21-09-18	13:32-15:30			4.46	21-09-18 13:40	38.95875473	Other	NA	Electronic	4.46	4.52
Chesapeake Energy	25-09-18	13:32-15:30			4.63	25-09-18 13:40	40.71761499	Other	NA	Electronic	4.63	4.69
Chevron	06-07-18	15:32-17:30			124.37	06-07-18 15:34	1093.747252	Other	NA	Electronic	124.26	124.37
Chevron	09-07-18	15:32-17:30			126.07	09-07-18 17:29	1093.747252	Other	NA	Electronic	126.07	126.19

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Chevron	17-07-18	13:32-15:30			122.1	17-07-18 15:16	2147.568376	Other	NA	Electronic	121.97	122.1
Chevron	30-07-18	13:32-15:30			128.17	30-07-18 13:54	1119.250726	Other	NA	Electronic	128.17	128.32
Chevron	15-08-18	13:32-15:30			118.93	15-08-18 15:24	5229.531264	Other	NA	Electronic	118.78	118.93
Chevron	16-08-18	15:32-17:30			117.81	16-08-18 15:39	5229.531264	Other	NA	Electronic	117.81	117.93
CHFJPY	02-07-18	09:32-11:30			111.588	02-07-18 09:35	1770.036817	Other	NA	Electronic	111.588	111.621
CHFJPY	02-07-18	11:32-13:30			111.531	02-07-18 11:35	885.0184084	Other	NA	Electronic	111.504	111.531
CHFJPY	02-07-18	13:30-13:32	111.357	1770.036817								
CHFJPY	02-07-18	15:32-17:30			111.313	02-07-18 15:32	5310.11045	Other	NA	Electronic	111.284	111.313
CHFJPY	03-07-18	09:32-11:30			111.65	03-07-18 09:35	8850.184084	Other	NA	Electronic	111.65	111.683
CHFJPY	03-07-18	11:30-11:32	111.578	885.0184084								
CHFJPY	03-07-18	13:32-15:30			111.533	03-07-18 13:42	885.0184084	Other	NA	Electronic	111.502	111.533
CHFJPY	03-07-18	15:32-17:30			111.469	03-07-18 15:39	44250.92042	Other	NA	Electronic	111.438	111.469
CHFJPY	04-07-18	09:32-11:30			111.281	04-07-18 09:37	885.0184084	Other	NA	Electronic	111.248	111.281
CHFJPY	04-07-18	11:32-13:30			111.263	04-07-18 11:46	6195.128859	Other	NA	Electronic	111.263	111.295
CHFJPY	04-07-18	13:32-15:30			111.24	04-07-18 13:53	2655.055225	Other	NA	Electronic	111.24	111.272

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	04-07-18	15:32-17:30			111.228	04-07-18 15:34	4425.092042	Other	NA	Electronic	111.201	111.23
CHFJPY	05-07-18	09:32-11:30			111.455	05-07-18 09:40	2655.055225	Other	NA	Electronic	111.424	111.455
CHFJPY	05-07-18	11:32-13:30			111.57	05-07-18 11:45	885.0184084	Other	NA	Electronic	111.541	111.568
CHFJPY	05-07-18	13:32-15:30			111.376	05-07-18 13:37	885.0184084	Other	NA	Electronic	111.376	111.405
CHFJPY	05-07-18	15:32-17:30			111.51	05-07-18 15:33	2655.055225	Other	NA	Electronic	111.479	111.51
CHFJPY	06-07-18	09:30-09:32	111.46325	21240.4418								
CHFJPY	06-07-18	11:32-13:30			111.467	06-07-18 11:35	885.0184084	Other	NA	Electronic	111.434	111.467
CHFJPY	06-07-18	13:32-15:30			111.729	06-07-18 13:39	1770.036817	Other	NA	Electronic	111.697	111.729
CHFJPY	06-07-18	15:32-17:30			111.575	06-07-18 15:44	2655.055225	Other	NA	Electronic	111.575	111.607
CHFJPY	09-07-18	09:32-11:30			111.884	09-07-18 09:40	13275.27613	Other	NA	Electronic	111.851	111.884
CHFJPY	09-07-18	11:30-11:32	111.798	1770.036817								
CHFJPY	09-07-18	13:30-13:32	111.804	3540.073634								
CHFJPY	09-07-18	15:32-17:30			111.65	09-07-18 15:44	885.0184084	Other	NA	Electronic	111.651	111.681
CHFJPY	10-07-18	09:32-11:30			111.943	10-07-18 09:32	1770.036817	Other	NA	Electronic	111.913	111.943
CHFJPY	10-07-18	11:32-13:30			111.855	10-07-18 11:33	885.0184084	Other	NA	Electronic	111.855	111.886

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CHFJPY	10-07-18	13:32-15:30			111.881	10-07-18 13:34	8850.184084	Other	NA	Electronic	111.848	111.881
CHFJPY	10-07-18	15:30-15:32	112.057	100007.0801								
CHFJPY	11-07-18	09:32-11:30			111.825	11-07-18 09:59	885.0184084	Other	NA	Electronic	111.796	111.825
CHFJPY	11-07-18	11:30-11:32	111.8565	6195.128859								
CHFJPY	11-07-18	13:30-13:32	112.20571	21240.4418								
CHFJPY	11-07-18	15:32-17:30			112.299	11-07-18 15:33	8850.184084	Other	NA	Electronic	112.269	112.299
CHFJPY	12-07-18	09:32-11:30			112.714	12-07-18 09:38	885.0184084	Other	NA	Electronic	112.714	112.746
CHFJPY	12-07-18	11:30-11:32	112.669	1770.036817								
CHFJPY	12-07-18	13:30-13:32	112.38633	2655.055225								
CHFJPY	12-07-18	15:30-15:32	112.307	8850.184084								
CHFJPY	13-07-18	09:30-09:32	112.1555	8850.184084								
CHFJPY	13-07-18	11:32-13:30			111.941	13-07-18 11:33	885.0184084	Other	NA	Electronic	111.941	111.968
CHFJPY	13-07-18	13:32-15:30			111.993	13-07-18 13:39	885.0184084	Other	NA	Electronic	111.963	111.993
CHFJPY	13-07-18	15:30-15:32	112.1425	3540.073634								
CHFJPY	16-07-18	09:32-11:30			112.48	16-07-18 09:36	1770.036817	Other	NA	Electronic	112.48	112.509

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CHFJPY	16-07-18	11:32-13:30			112.621	16-07-18 11:32	885.0184084	Other	NA	Electronic	112.621	112.651
CHFJPY	16-07-18	13:32-15:30			112.587	16-07-18 13:39	7080.147267	Other	NA	Electronic	112.587	112.617
CHFJPY	16-07-18	15:32-17:30			112.562	16-07-18 15:33	885.0184084	Other	NA	Electronic	112.559	112.59
CHFJPY	17-07-18	09:32-11:30			112.951	17-07-18 09:40	8850.184084	Other	NA	Electronic	112.951	112.983
CHFJPY	17-07-18	11:32-13:30			113.077	17-07-18 11:35	2655.055225	Other	NA	Electronic	113.077	113.108
CHFJPY	17-07-18	13:30-13:32	113.136	1770.036817								
CHFJPY	17-07-18	15:30-15:32	113.009	8850.184084								
CHFJPY	18-07-18	09:30-09:32	112.805	46905.97564								
CHFJPY	18-07-18	11:32-13:30			112.929	18-07-18 11:34	2655.055225	Other	NA	Electronic	112.929	112.957
CHFJPY	18-07-18	13:32-15:30			112.87	18-07-18 13:32	4425.092042	Other	NA	Electronic	112.869	112.898
CHFJPY	18-07-18	15:30-15:32	112.858	22125.46021								
CHFJPY	19-07-18	09:32-11:30			112.775	19-07-18 09:38	4425.092042	Other	NA	Electronic	112.744	112.775
CHFJPY	19-07-18	11:32-13:30			112.752	19-07-18 11:40	2655.055225	Other	NA	Electronic	112.752	112.783
CHFJPY	19-07-18	13:32-15:30			112.771	19-07-18 13:33	885.0184084	Other	NA	Electronic	112.741	112.771
CHFJPY	19-07-18	15:32-17:30			112.752	19-07-18 15:44	885.0184084	Other	NA	Electronic	112.752	112.781



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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CHFJPY	20-07-18	09:30-09:32	112.564	17700.36817								
CHFJPY	20-07-18	11:32-13:30			112.655	20-07-18 11:35	885.0184084	Other	NA	Electronic	112.625	112.655
CHFJPY	20-07-18	13:32-15:30			112.465	20-07-18 13:37	1770.036817	Other	NA	Electronic	112.436	112.465
CHFJPY	20-07-18	15:32-17:30			112.34	20-07-18 15:32	1770.036817	Other	NA	Electronic	112.34	112.37
CHFJPY	23-07-18	09:32-11:30			112.019	23-07-18 09:43	885.0184084	Other	NA	Electronic	111.99	112.019
CHFJPY	23-07-18	11:32-13:30			112.042	23-07-18 11:35	885.0184084	Other	NA	Electronic	112.042	112.071
CHFJPY	23-07-18	13:32-15:30			112.204	23-07-18 13:36	4425.092042	Other	NA	Electronic	112.204	112.234
CHFJPY	23-07-18	15:30-15:32	112.243	885.0184084								
CHFJPY	24-07-18	09:32-11:30			111.872	24-07-18 09:33	177003.6817	Other	NA	Electronic	111.84	111.872
CHFJPY	24-07-18	11:30-11:32	111.842	885.0184084								
CHFJPY	24-07-18	13:30-13:32	111.767	73456.5279								
CHFJPY	24-07-18	15:32-17:30			111.93	24-07-18 15:33	13275.27613	Other	NA	Electronic	111.9	111.93
CHFJPY	25-07-18	09:32-11:30			112.101	25-07-18 09:41	17700.36817	Other	NA	Electronic	112.072	112.101
CHFJPY	25-07-18	11:32-13:30			112.004	25-07-18 11:39	1770.036817	Other	NA	Electronic	111.974	112.004
CHFJPY	25-07-18	13:32-15:30			111.925	25-07-18 13:32	1770.036817	Other	NA	Electronic	111.925	111.955

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	25-07-18	15:30-15:32	111.62	5310.11045								
CHFJPY	26-07-18	09:30-09:32	111.527	3540.073634								
CHFJPY	26-07-18	11:30-11:32	111.6705	9735.202492								
CHFJPY	26-07-18	13:32-15:30			111.823	26-07-18 13:42	4425.092042	Other	NA	Electronic	111.823	111.853
CHFJPY	26-07-18	15:30-15:32	111.826	885.0184084								
CHFJPY	27-07-18	09:32-11:30			111.546	27-07-18 09:33	1770.036817	Other	NA	Electronic	111.514	111.546
CHFJPY	27-07-18	11:30-11:32	111.53	8850.184084								
CHFJPY	27-07-18	13:32-15:30			111.456	27-07-18 13:32	4425.092042	Other	NA	Electronic	111.426	111.456
CHFJPY	27-07-18	15:32-17:30			111.632	27-07-18 15:39	4425.092042	Other	NA	Electronic	111.632	111.66
CHFJPY	30-07-18	09:30-09:32	111.9135	6195.128859								
CHFJPY	30-07-18	11:30-11:32	111.904	885.0184084								
CHFJPY	30-07-18	13:30-13:32	112.0155	19470.40498								
CHFJPY	30-07-18	15:30-15:32	112.251	1770.036817								
CHFJPY	31-07-18	09:30-09:32	112.853	8850.184084								
CHFJPY	31-07-18	11:30-11:32	112.793	44250.92042								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	31-07-18	13:32-15:30			113.015	31-07-18 13:32	4425.092042	Other	NA	Electronic	113.015	113.043
CHFJPY	31-07-18	15:32-17:30			113.063	31-07-18 15:36	2655.055225	Other	NA	Electronic	113.063	113.094
CHFJPY	01-08-18	09:30-09:32	112.849	885.0184084								
CHFJPY	01-08-18	11:30-11:32	112.8645	6195.128859								
CHFJPY	01-08-18	13:32-15:30			112.876	01-08-18 13:33	17700.36817	Other	NA	Electronic	112.876	112.905
CHFJPY	01-08-18	15:30-15:32	112.7125	2655.055225								
CHFJPY	02-08-18	09:32-11:30			112.177	02-08-18 09:33	26550.55225	Other	NA	Electronic	112.146	112.177
CHFJPY	02-08-18	11:32-13:30			112.149	02-08-18 11:33	885.0184084	Other	NA	Electronic	112.149	112.18
CHFJPY	02-08-18	13:32-15:30			112.098	02-08-18 13:48	885.0184084	Other	NA	Electronic	112.069	112.098
CHFJPY	02-08-18	15:32-17:30			112.231	02-08-18 16:22	4425.092042	Other	NA	Electronic	112.201	112.231
CHFJPY	03-08-18	09:32-11:30			112.269	03-08-18 10:20	26550.55225	Other	NA	Electronic	112.238	112.269
CHFJPY	03-08-18	11:32-13:30			112.308	03-08-18 11:33	26550.55225	Other	NA	Electronic	112.278	112.308
CHFJPY	03-08-18	13:32-15:30			111.901	03-08-18 13:33	44250.92042	Other	NA	Electronic	111.901	111.93
CHFJPY	03-08-18	15:30-15:32	111.98	885.0184084								
CHFJPY	06-08-18	09:32-11:30			111.869	06-08-18 10:00	885.0184084	Other	NA	Electronic	111.837	111.869

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	06-08-18	11:32-13:30			111.736	06-08-18 11:42	7965.165675	Other	NA	Electronic	111.736	111.766
CHFJPY	06-08-18	13:32-15:30			111.658	06-08-18 13:36	885.0184084	Other	NA	Electronic	111.658	111.688
CHFJPY	06-08-18	15:30-15:32	111.858	885.0184084								
CHFJPY	07-08-18	09:32-11:30			111.746	07-08-18 09:57	885.0184084	Other	NA	Electronic	111.715	111.746
CHFJPY	07-08-18	11:32-13:30			111.77	07-08-18 11:47	4425.092042	Other	NA	Electronic	111.77	111.801
CHFJPY	07-08-18	13:30-13:32	111.76625	5310.11045								
CHFJPY	07-08-18	15:32-17:30			111.767	07-08-18 16:10	885.0184084	Other	NA	Electronic	111.767	111.798
CHFJPY	08-08-18	09:30-09:32	111.378	885.0184084								
CHFJPY	08-08-18	11:32-13:30			111.47	08-08-18 11:52	2655.055225	Other	NA	Electronic	111.47	111.499
CHFJPY	08-08-18	13:32-15:30			111.438	08-08-18 13:36	17700.36817	Other	NA	Electronic	111.438	111.468
CHFJPY	08-08-18	15:30-15:32	111.616	885.0184084								
CHFJPY	09-08-18	09:30-09:32	111.812	885.0184084								
CHFJPY	09-08-18	11:32-13:30			111.865	09-08-18 11:37	1770.036817	Other	NA	Electronic	111.865	111.887
CHFJPY	09-08-18	13:30-13:32	111.845	1770.036817								
CHFJPY	09-08-18	15:32-17:30			111.987	09-08-18 15:38	885.0184084	Other	NA	Electronic	111.987	112.009

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	10-08-18	09:32-11:30			111.578	10-08-18 09:39	885.0184084	Other	NA	Electronic	111.556	111.578
CHFJPY	10-08-18	11:32-13:30			111.575	10-08-18 11:35	1770.036817	Other	NA	Electronic	111.575	111.599
CHFJPY	10-08-18	13:30-13:32	111.469	885.0184084								
CHFJPY	10-08-18	15:32-17:30			111.307	10-08-18 15:35	4425.092042	Other	NA	Electronic	111.285	111.307
CHFJPY	13-08-18	09:32-11:30			110.954	13-08-18 09:32	8850.184084	Other	NA	Electronic	110.954	110.977
CHFJPY	13-08-18	11:32-13:30			110.936	13-08-18 11:45	8850.184084	Other	NA	Electronic	110.936	110.959
CHFJPY	13-08-18	13:32-15:30			111.5	13-08-18 13:34	6195.128859	Other	NA	Electronic	111.5	111.522
CHFJPY	13-08-18	15:32-17:30			111.413	13-08-18 15:39	8850.184084	Other	NA	Electronic	111.413	111.435
CHFJPY	14-08-18	09:30-09:32	111.921	885.0184084								
CHFJPY	14-08-18	11:32-13:30			111.923	14-08-18 11:32	885.0184084	Other	NA	Electronic	111.923	111.946
CHFJPY	14-08-18	13:32-15:30			111.799	14-08-18 13:44	3540.073634	Other	NA	Electronic	111.776	111.799
CHFJPY	14-08-18	15:30-15:32	111.659	17700.36817								
CHFJPY	15-08-18	09:30-09:32	111.534	885.0184084								
CHFJPY	15-08-18	11:30-11:32	111.283	885.0184084								
CHFJPY	15-08-18	13:32-15:30			111.205	15-08-18 13:46	13275.27613	Other	NA	Electronic	111.183	111.205

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	15-08-18	15:30-15:32	111.212	885.0184084								
CHFJPY	16-08-18	09:32-11:30			111.557	16-08-18 09:38	885.0184084	Other	NA	Electronic	111.557	111.579
CHFJPY	16-08-18	11:32-13:30			111.516	16-08-18 12:36	3540.073634	Other	NA	Electronic	111.494	111.516
CHFJPY	16-08-18	13:32-15:30			111.257	16-08-18 13:34	4425.092042	Other	NA	Electronic	111.235	111.257
CHFJPY	16-08-18	15:32-17:30			111.287	16-08-18 15:56	885.0184084	Other	NA	Electronic	111.287	111.31
CHFJPY	17-08-18	09:30-09:32	111.066	885.0184084								
CHFJPY	17-08-18	11:32-13:30			110.913	17-08-18 11:40	4425.092042	Other	NA	Electronic	110.913	110.936
CHFJPY	17-08-18	13:32-15:30			111.074	17-08-18 13:39	1770.036817	Other	NA	Electronic	111.052	111.074
CHFJPY	17-08-18	15:30-15:32	111.105	4425.092042								
CHFJPY	20-08-18	09:32-11:30			111.039	20-08-18 09:32	8850.184084	Other	NA	Electronic	111.017	111.039
CHFJPY	20-08-18	11:32-13:30			111.118	20-08-18 11:46	1770.036817	Other	NA	Electronic	111.118	111.144
CHFJPY	20-08-18	13:32-15:30			111.102	20-08-18 13:53	885.0184084	Other	NA	Electronic	111.102	111.129
CHFJPY	20-08-18	15:32-17:30			111	20-08-18 16:06	1770.036817	Other	NA	Electronic	110.978	111
CHFJPY	21-08-18	09:32-11:30			111.616	21-08-18 09:39	885.0184084	Other	NA	Electronic	111.616	111.644
CHFJPY	21-08-18	11:32-13:30			111.663	21-08-18 11:35	1770.036817	Other	NA	Electronic	111.663	111.689

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	21-08-18	13:32-15:30			111.855	21-08-18 13:32	1770.036817	Other	NA	Electronic	111.829	111.855
CHFJPY	21-08-18	15:32-17:30			111.85	21-08-18 15:49	1770.036817	Other	NA	Electronic	111.823	111.85
CHFJPY	22-08-18	09:30-09:32	112.168	885.0184084								
CHFJPY	22-08-18	11:32-13:30			112.248	22-08-18 11:33	1770.036817	Other	NA	Electronic	112.248	112.274
CHFJPY	22-08-18	13:32-15:30			112.437	22-08-18 13:40	2655.055225	Other	NA	Electronic	112.411	112.437
CHFJPY	22-08-18	15:32-17:30			112.376	22-08-18 15:49	885.0184084	Other	NA	Electronic	112.376	112.403
CHFJPY	23-08-18	09:32-11:30			112.652	23-08-18 09:40	2655.055225	Other	NA	Electronic	112.626	112.652
CHFJPY	23-08-18	11:32-13:30			112.721	23-08-18 11:34	44250.92042	Other	NA	Electronic	112.721	112.748
CHFJPY	23-08-18	13:32-15:30			112.687	23-08-18 13:46	4425.092042	Other	NA	Electronic	112.687	112.713
CHFJPY	23-08-18	15:32-17:30			112.851	23-08-18 15:52	885.0184084	Other	NA	Electronic	112.851	112.877
CHFJPY	24-08-18	09:32-11:30			113.234	24-08-18 09:34	8850.184084	Other	NA	Electronic	113.208	113.234
CHFJPY	24-08-18	11:30-11:32	113.18867	2655.055225								
CHFJPY	24-08-18	13:32-15:30			113.291	24-08-18 14:01	8850.184084	Other	NA	Electronic	113.248	113.308
CHFJPY	24-08-18	15:30-15:32	113.18	885.0184084								
CHFJPY	27-08-18	09:30-09:32	113.076	1770.036817								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	27-08-18	11:32-13:30			112.989	27-08-18 11:38	61951.28859	Other	NA	Electronic	112.989	113.016
CHFJPY	27-08-18	13:30-13:32	113.019	5310.11045								
CHFJPY	27-08-18	15:32-17:30			113.319	27-08-18 15:55	4425.092042	Other	NA	Electronic	113.294	113.319
CHFJPY	28-08-18	09:32-11:30			113.699	28-08-18 09:44	8850.184084	Other	NA	Electronic	113.699	113.726
CHFJPY	28-08-18	11:32-13:30			113.759	28-08-18 11:41	1770.036817	Other	NA	Electronic	113.732	113.759
CHFJPY	28-08-18	13:32-15:30			113.892	28-08-18 13:39	44250.92042	Other	NA	Electronic	113.865	113.892
CHFJPY	28-08-18	15:30-15:32	113.864	885.0184084								
CHFJPY	29-08-18	09:32-11:30			113.839	29-08-18 09:42	885.0184084	Other	NA	Electronic	113.839	113.866
CHFJPY	29-08-18	11:32-13:30			113.873	29-08-18 11:34	7965.165675	Other	NA	Electronic	113.874	113.9
CHFJPY	29-08-18	13:30-13:32	114.328	885.0184084								
CHFJPY	29-08-18	15:32-17:30			114.829	29-08-18 15:34	88501.84084	Other	NA	Electronic	114.829	114.856
CHFJPY	30-08-18	09:32-11:30			114.991	30-08-18 09:40	1770.036817	Other	NA	Electronic	114.991	115.017
CHFJPY	30-08-18	11:32-13:30			114.905	30-08-18 11:34	885.0184084	Other	NA	Electronic	114.905	114.932
CHFJPY	30-08-18	13:30-13:32	114.654	4425.092042								
CHFJPY	30-08-18	15:32-17:30			114.56	30-08-18 15:35	885.0184084	Other	NA	Electronic	114.56	114.586



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	31-08-18	09:32-11:30			114.607	31-08-18 09:56	2655.055225	Other	NA	Electronic	114.607	114.634
CHFJPY	31-08-18	11:30-11:32	114.5095	2655.055225								
CHFJPY	31-08-18	13:30-13:32	114.333	3540.073634								
CHFJPY	31-08-18	15:32-17:30			114.355	31-08-18 15:33	1770.036817	Other	NA	Electronic	114.325	114.355
CHFJPY	03-09-18	09:30-09:32	114.378	885.0184084								
CHFJPY	03-09-18	11:32-13:30			114.575	03-09-18 11:49	1770.036817	Other	NA	Electronic	114.545	114.575
CHFJPY	03-09-18	13:32-15:30			114.582	03-09-18 13:36	885.0184084	Other	NA	Electronic	114.582	114.613
CHFJPY	03-09-18	15:32-17:30			114.617	03-09-18 15:37	885.0184084	Other	NA	Electronic	114.121	114.151
CHFJPY	04-09-18	09:30-09:32	114.4005	8850.184084								
CHFJPY	04-09-18	11:30-11:32	114.296	885.0184084								
CHFJPY	04-09-18	13:32-15:30			114.297	04-09-18 13:33	1770.036817	Other	NA	Electronic	114.266	114.297
CHFJPY	04-09-18	15:30-15:32	114.164	1770.036817								
CHFJPY	05-09-18	09:30-09:32	114.5255	5310.11045								
CHFJPY	05-09-18	11:32-13:30			114.374	05-09-18 12:20	1770.036817	Other	NA	Electronic	114.374	114.405
CHFJPY	05-09-18	13:30-13:32	114.8595	90271.87766								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	05-09-18	15:32-17:30			114.788	05-09-18 15:45	1770.036817	Other	NA	Electronic	114.758	114.788
CHFJPY	06-09-18	09:32-11:30			114.78	06-09-18 09:50	79651.65675	Other	NA	Electronic	114.78	114.81
CHFJPY	06-09-18	11:32-13:30			114.779	06-09-18 12:44	885.0184084	Other	NA	Electronic	114.779	114.809
CHFJPY	06-09-18	13:32-15:30			114.818	06-09-18 13:52	885.0184084	Other	NA	Electronic	114.787	114.818
CHFJPY	06-09-18	15:30-15:32	114.489	4425.092042								
CHFJPY	07-09-18	09:32-11:30			114.776	07-09-18 09:32	885.0184084	Other	NA	Electronic	114.745	114.776
CHFJPY	07-09-18	11:32-13:30			114.794	07-09-18 11:45	1770.036817	Other	NA	Electronic	114.794	114.825
CHFJPY	07-09-18	13:32-15:30			114.774	07-09-18 13:34	4425.092042	Other	NA	Electronic	114.774	114.805
CHFJPY	07-09-18	15:30-15:32	114.844	3540.073634								
CHFJPY	10-09-18	09:32-11:30			114.335	10-09-18 09:33	2655.055225	Other	NA	Electronic	114.303	114.335
CHFJPY	10-09-18	11:32-13:30			114.039	10-09-18 11:34	885.0184084	Other	NA	Electronic	114.039	114.069
CHFJPY	10-09-18	13:30-13:32	114.217	885.0184084								
CHFJPY	10-09-18	15:32-17:30			114.153	10-09-18 15:34	1770.036817	Other	NA	Electronic	114.123	114.153
CHFJPY	11-09-18	09:32-11:30			114.267	11-09-18 09:33	8850.184084	Other	NA	Electronic	114.267	114.297
CHFJPY	11-09-18	11:30-11:32	114.34733	4425.092042								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	11-09-18	13:30-13:32	114.407	885.0184084								
CHFJPY	11-09-18	15:32-17:30			114.538	11-09-18 15:40	89386.85925	Other	NA	Electronic	114.508	114.538
CHFJPY	12-09-18	09:32-11:30			114.524	12-09-18 09:38	10620.2209	Other	NA	Electronic	114.494	114.524
CHFJPY	12-09-18	11:32-13:30			114.433	12-09-18 12:05	7965.165675	Other	NA	Electronic	114.433	114.463
CHFJPY	12-09-18	13:32-15:30			114.498	12-09-18 14:00	13275.27613	Other	NA	Electronic	114.466	114.498
CHFJPY	12-09-18	15:30-15:32	114.736	7965.165675								
CHFJPY	13-09-18	09:30-09:32	114.873	885.0184084								
CHFJPY	13-09-18	11:32-13:30			115.137	13-09-18 11:36	4425.092042	Other	NA	Electronic	115.106	115.137
CHFJPY	13-09-18	13:30-13:32	115.40083	17700.36817								
CHFJPY	13-09-18	15:32-17:30			115.648	13-09-18 15:34	885.0184084	Other	NA	Electronic	115.648	115.675
CHFJPY	14-09-18	09:30-09:32	115.937	4425.092042								
CHFJPY	14-09-18	11:32-13:30			116.091	14-09-18 11:36	16815.34976	Other	NA	Electronic	116.063	116.091
CHFJPY	14-09-18	13:32-15:30			115.844	14-09-18 13:33	1770.036817	Other	NA	Electronic	115.847	115.874
CHFJPY	14-09-18	15:32-17:30			115.965	14-09-18 15:49	885.0184084	Other	NA	Electronic	115.965	115.992
CHFJPY	17-09-18	09:32-11:30			116.097	17-09-18 09:36	885.0184084	Other	NA	Electronic	116.07	116.098

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	17-09-18	11:30-11:32	116.25033	7965.165675								
CHFJPY	17-09-18	13:32-15:30			116.315	17-09-18 13:36	885.0184084	Other	NA	Electronic	116.315	116.342
CHFJPY	17-09-18	15:32-17:30			116.37	17-09-18 15:34	885.0184084	Other	NA	Electronic	116.342	116.37
CHFJPY	18-09-18	09:32-11:30			116.458	18-09-18 09:33	9735.202492	Other	NA	Electronic	116.458	116.487
CHFJPY	18-09-18	11:32-13:30			116.501	18-09-18 11:40	2655.055225	Other	NA	Electronic	116.501	116.528
CHFJPY	18-09-18	13:30-13:32	116.78133	5310.11045								
CHFJPY	18-09-18	15:32-17:30			116.738	18-09-18 15:40	13275.27613	Other	NA	Electronic	116.738	116.765
CHFJPY	19-09-18	09:32-11:30			116.308	19-09-18 09:36	885.0184084	Other	NA	Electronic	116.308	116.336
CHFJPY	19-09-18	11:30-11:32	115.953	885.0184084								
CHFJPY	19-09-18	13:32-15:30			115.817	19-09-18 13:41	8850.184084	Other	NA	Electronic	115.817	115.844
CHFJPY	19-09-18	15:32-17:30			116.019	19-09-18 15:36	885.0184084	Other	NA	Electronic	116.019	116.046
CHFJPY	20-09-18	09:30-09:32	116.2175	2655.055225								
CHFJPY	20-09-18	11:30-11:32	116.4025	70801.47267								
CHFJPY	20-09-18	13:30-13:32	116.75	2655.055225								
CHFJPY	20-09-18	15:30-15:32	117.04333	8850.184084								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	21-09-18	09:30-09:32	117.982	2655.055225								
CHFJPY	21-09-18	11:32-13:30			117.892	21-09-18 11:37	885.0184084	Other	NA	Electronic	117.865	117.892
CHFJPY	21-09-18	13:30-13:32	117.738	6195.128859								
CHFJPY	21-09-18	15:32-17:30			117.413	21-09-18 15:32	885.0184084	Other	NA	Electronic	117.384	117.413
CHFJPY	24-09-18	09:32-11:30			117.533	24-09-18 09:33	885.0184084	Other	NA	Electronic	117.533	117.561
CHFJPY	24-09-18	11:32-13:30			117.429	24-09-18 12:08	8850.184084	Other	NA	Electronic	117.401	117.429
CHFJPY	24-09-18	13:30-13:32	117.51733	134522.7981								
CHFJPY	24-09-18	15:32-17:30			117.105	24-09-18 15:36	1770.036817	Other	NA	Electronic	117.078	117.105
CHFJPY	25-09-18	09:32-11:30			116.749	25-09-18 09:33	885.0184084	Other	NA	Electronic	116.749	116.777
CHFJPY	25-09-18	11:32-13:30			116.847	25-09-18 11:39	4425.092042	Other	NA	Electronic	116.82	116.847
CHFJPY	25-09-18	13:32-15:30			116.827	25-09-18 13:33	4425.092042	Other	NA	Electronic	116.827	116.855
CHFJPY	25-09-18	15:32-17:30			117.074	25-09-18 16:15	2655.055225	Other	NA	Electronic	117.074	117.101
CHFJPY	26-09-18	09:30-09:32	116.841	1770.036817								
CHFJPY	26-09-18	11:30-11:32	116.625	2655.055225								
CHFJPY	26-09-18	13:32-15:30			116.581	26-09-18 13:35	1770.036817	Other	NA	Electronic	116.553	116.581

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY	26-09-18	15:32-17:30			116.686	26-09-18 15:32	8850.184084	Other	NA	Electronic	116.686	116.714
CHFJPY	27-09-18	09:32-11:30			116.414	27-09-18 09:34	885.0184084	Other	NA	Electronic	116.387	116.414
CHFJPY	27-09-18	11:30-11:32	116.091	3540.073634								
CHFJPY	27-09-18	13:32-15:30			116.037	27-09-18 13:32	4425.092042	Other	NA	Electronic	116.008	116.037
CHFJPY	27-09-18	15:32-17:30			115.961	27-09-18 15:41	8850.184084	Other	NA	Electronic	115.934	115.961
CHFJPY	28-09-18	09:32-11:30			116.337	28-09-18 09:47	885.0184084	Other	NA	Electronic	116.309	116.337
CHFJPY	28-09-18	11:32-13:30			116.072	28-09-18 11:36	6195.128859	Other	NA	Electronic	116.072	116.099
CHFJPY	28-09-18	13:32-15:30			116.151	28-09-18 13:39	4425.092042	Other	NA	Electronic	116.124	116.151
CHFJPY	28-09-18	15:30-15:32	116.241	5310.11045								
CHFJPY.	02-07-18	09:32-11:30			111.551	02-07-18 11:01	885.0184084	Other	NA	Electronic	111.551	111.563
CHFJPY.	02-07-18	11:32-13:30			111.474	02-07-18 12:00	6195.128859	Other	NA	Electronic	111.462	111.474
CHFJPY.	02-07-18	13:32-15:30			111.317	02-07-18 13:33	885.0184084	Other	NA	Electronic	111.305	111.317
CHFJPY.	03-07-18	09:32-11:30			111.589	03-07-18 10:28	885.0184084	Other	NA	Electronic	111.589	111.603
CHFJPY.	03-07-18	11:32-13:30			111.62	03-07-18 11:40	8850.184084	Other	NA	Electronic	111.607	111.62
CHFJPY.	03-07-18	13:32-15:30			111.48	03-07-18 13:33	1770.036817	Other	NA	Electronic	111.48	111.491

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	03-07-18	15:30-15:32	111.433	1770.036817								
CHFJPY.	04-07-18	09:32-11:30			111.251	04-07-18 09:48	8850.184084	Other	NA	Electronic	111.239	111.251
CHFJPY.	04-07-18	11:30-11:32	111.272	885.0184084								
CHFJPY.	04-07-18	13:32-15:30			111.336	04-07-18 13:35	885.0184084	Other	NA	Electronic	111.324	111.336
CHFJPY.	04-07-18	15:32-17:30			111.198	04-07-18 15:59	15045.31294	Other	NA	Electronic	111.198	111.21
CHFJPY.	05-07-18	09:32-11:30			111.538	05-07-18 11:11	885.0184084	Other	NA	Electronic	111.538	111.549
CHFJPY.	05-07-18	11:32-13:30			111.645	05-07-18 12:01	885.0184084	Other	NA	Electronic	111.645	111.656
CHFJPY.	05-07-18	13:32-15:30			111.46	05-07-18 13:49	885.0184084	Other	NA	Electronic	111.451	111.46
CHFJPY.	05-07-18	15:32-17:30			111.439	05-07-18 16:40	3540.073634	Other	NA	Electronic	111.426	111.439
CHFJPY.	06-07-18	09:32-11:30			111.467	06-07-18 09:37	2655.055225	Other	NA	Electronic	111.454	111.467
CHFJPY.	06-07-18	11:32-13:30			111.506	06-07-18 12:30	1770.036817	Other	NA	Electronic	111.486	111.505
CHFJPY.	06-07-18	13:32-15:30			111.601	06-07-18 14:23	44250.92042	Other	NA	Electronic	111.589	111.6
CHFJPY.	09-07-18	09:32-11:30			111.795	09-07-18 11:03	1770.036817	Other	NA	Electronic	111.795	111.808
CHFJPY.	09-07-18	11:32-13:30			111.777	09-07-18 11:50	885.0184084	Other	NA	Electronic	111.764	111.777
CHFJPY.	09-07-18	13:32-15:30			111.828	09-07-18 13:37	885.0184084	Other	NA	Electronic	111.828	111.84

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	09-07-18	15:32-17:30			111.69	09-07-18 15:39	885.0184084	Other	NA	Electronic	111.69	111.702
CHFJPY.	10-07-18	09:32-11:30			111.941	10-07-18 09:34	885.0184084	Other	NA	Electronic	111.929	111.941
CHFJPY.	10-07-18	11:32-13:30			111.826	10-07-18 12:33	885.0184084	Other	NA	Electronic	111.826	111.837
CHFJPY.	10-07-18	13:32-15:30			112.007	10-07-18 14:29	88501.84084	Other	NA	Electronic	112.007	112.018
CHFJPY.	10-07-18	15:32-17:30			112.051	10-07-18 16:01	35400.73634	Other	NA	Electronic	112.051	112.063
CHFJPY.	11-07-18	09:32-11:30			111.806	11-07-18 09:45	4425.092042	Other	NA	Electronic	111.806	111.818
CHFJPY.	11-07-18	11:32-13:30			111.863	11-07-18 11:59	15930.33135	Other	NA	Electronic	111.863	111.875
CHFJPY.	11-07-18	13:30-13:32	112.2105	22125.46021								
CHFJPY.	11-07-18	15:32-17:30			112.301	11-07-18 16:11	885.0184084	Other	NA	Electronic	112.301	112.313
CHFJPY.	12-07-18	09:32-11:30			112.79	12-07-18 09:49	3540.073634	Other	NA	Electronic	112.777	112.79
CHFJPY.	12-07-18	11:32-13:30			112.673	12-07-18 12:00	885.0184084	Other	NA	Electronic	112.66	112.673
CHFJPY.	12-07-18	13:32-15:30			112.272	12-07-18 13:40	1770.036817	Other	NA	Electronic	112.26	112.272
CHFJPY.	12-07-18	15:32-17:30			112.323	12-07-18 15:55	3540.073634	Other	NA	Electronic	112.309	112.323
CHFJPY.	13-07-18	09:32-11:30			112.105	13-07-18 09:35	885.0184084	Other	NA	Electronic	112.107	112.12
CHFJPY.	13-07-18	11:32-13:30			111.929	13-07-18 11:45	44250.92042	Other	NA	Electronic	111.929	111.941



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	13-07-18	13:32-15:30			111.971	13-07-18 13:46	1770.036817	Other	NA	Electronic	111.971	111.981
CHFJPY.	13-07-18	15:32-17:30			112.11	13-07-18 16:35	1770.036817	Other	NA	Electronic	112.11	112.123
CHFJPY.	16-07-18	09:32-11:30			112.606	16-07-18 11:24	2655.055225	Other	NA	Electronic	112.594	112.606
CHFJPY.	16-07-18	11:32-13:30			112.6	16-07-18 11:40	44250.92042	Other	NA	Electronic	112.6	112.612
CHFJPY.	16-07-18	13:32-15:30			112.562	16-07-18 13:35	8850.184084	Other	NA	Electronic	112.55	112.562
CHFJPY.	16-07-18	15:32-17:30			112.547	16-07-18 16:07	44250.92042	Other	NA	Electronic	112.534	112.547
CHFJPY.	17-07-18	09:32-11:30			112.984	17-07-18 09:44	3540.073634	Other	NA	Electronic	112.97	112.984
CHFJPY.	17-07-18	11:30-11:32	113.085	4425.092042								
CHFJPY.	17-07-18	13:30-13:32	113.142	8850.184084								
CHFJPY.	17-07-18	15:32-17:30			112.988	17-07-18 15:45	885.0184084	Other	NA	Electronic	112.988	113
CHFJPY.	18-07-18	09:32-11:30			112.858	18-07-18 09:35	17700.36817	Other	NA	Electronic	112.828	112.861
CHFJPY.	18-07-18	11:32-13:30			112.942	18-07-18 11:34	1770.036817	Other	NA	Electronic	112.942	112.951
CHFJPY.	18-07-18	13:32-15:30			112.881	18-07-18 13:48	885.0184084	Other	NA	Electronic	112.869	112.881
CHFJPY.	18-07-18	15:32-17:30			112.862	18-07-18 15:34	885.0184084	Other	NA	Electronic	112.862	112.874
CHFJPY.	19-07-18	09:32-11:30			112.762	19-07-18 09:45	885.0184084	Other	NA	Electronic	112.759	112.772

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CHFJPY.	19-07-18	11:32-13:30			112.718	19-07-18 11:52	885.0184084	Other	NA	Electronic	112.707	112.718
CHFJPY.	19-07-18	13:30-13:32	112.71	8850.184084								
CHFJPY.	19-07-18	15:32-17:30			112.779	19-07-18 16:25	26550.55225	Other	NA	Electronic	112.767	112.779
CHFJPY.	20-07-18	09:32-11:30			112.624	20-07-18 10:11	4425.092042	Other	NA	Electronic	112.61	112.624
CHFJPY.	20-07-18	11:32-13:30			112.581	20-07-18 11:59	885.0184084	Other	NA	Electronic	112.57	112.581
CHFJPY.	20-07-18	13:32-15:30			112.457	20-07-18 13:42	885.0184084	Other	NA	Electronic	112.457	112.467
CHFJPY.	20-07-18	15:32-17:30			112.335	20-07-18 15:37	885.0184084	Other	NA	Electronic	112.324	112.335
CHFJPY.	23-07-18	09:32-11:30			111.921	23-07-18 09:38	1770.036817	Other	NA	Electronic	111.911	111.921
CHFJPY.	23-07-18	11:30-11:32	112.085	885.0184084								
CHFJPY.	23-07-18	13:32-15:30			112.298	23-07-18 14:39	885.0184084	Other	NA	Electronic	112.288	112.3
CHFJPY.	23-07-18	15:32-17:30			112.16	23-07-18 16:07	885.0184084	Other	NA	Electronic	112.16	112.174
CHFJPY.	24-07-18	09:32-11:30			111.84	24-07-18 09:44	3540.073634	Other	NA	Electronic	111.84	111.854
CHFJPY.	24-07-18	11:32-13:30			111.874	24-07-18 12:18	885.0184084	Other	NA	Electronic	111.874	111.886
CHFJPY.	24-07-18	13:32-15:30			111.773	24-07-18 13:58	88501.84084	Other	NA	Electronic	111.76	111.773
CHFJPY.	24-07-18	15:32-17:30			111.954	24-07-18 15:52	88501.84084	Other	NA	Electronic	111.954	111.965

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	25-07-18	09:32-11:30			112.083	25-07-18 09:39	1770.036817	Other	NA	Electronic	112.071	112.083
CHFJPY.	25-07-18	11:32-13:30			111.887	25-07-18 12:21	70801.47267	Other	NA	Electronic	111.887	111.899
CHFJPY.	25-07-18	13:30-13:32	111.9475	13275.27613								
CHFJPY.	25-07-18	15:32-17:30			111.6	25-07-18 15:38	8850.184084	Other	NA	Electronic	111.59	111.6
CHFJPY.	26-07-18	09:32-11:30			111.563	26-07-18 09:41	885.0184084	Other	NA	Electronic	111.563	111.577
CHFJPY.	26-07-18	11:30-11:32	111.645	22125.46021								
CHFJPY.	26-07-18	13:32-15:30			111.799	26-07-18 13:33	885.0184084	Other	NA	Electronic	111.787	111.799
CHFJPY.	26-07-18	15:32-17:30			111.875	26-07-18 16:35	8850.184084	Other	NA	Electronic	111.875	111.885
CHFJPY.	27-07-18	09:32-11:30			111.448	27-07-18 10:26	1770.036817	Other	NA	Electronic	111.448	111.457
CHFJPY.	27-07-18	11:32-13:30			111.477	27-07-18 11:43	13275.27613	Other	NA	Electronic	111.477	111.489
CHFJPY.	27-07-18	13:32-15:30			111.47	27-07-18 14:03	2655.055225	Other	NA	Electronic	111.458	111.47
CHFJPY.	27-07-18	15:32-17:30			111.577	27-07-18 16:32	4425.092042	Other	NA	Electronic	111.577	111.591
CHFJPY.	30-07-18	09:32-11:30			111.923	30-07-18 09:43	13275.27613	Other	NA	Electronic	111.909	111.923
CHFJPY.	30-07-18	11:32-13:30			111.91	30-07-18 11:32	885.0184084	Other	NA	Electronic	111.91	111.92
CHFJPY.	30-07-18	13:32-15:30			112.062	30-07-18 13:49	1770.036817	Other	NA	Electronic	112.052	112.062

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	30-07-18	15:32-17:30			112.249	30-07-18 16:05	885.0184084	Other	NA	Electronic	112.249	112.263
CHFJPY.	31-07-18	09:30-09:32	112.826	1770.036817								
CHFJPY.	31-07-18	11:30-11:32	112.815	26550.55225								
CHFJPY.	31-07-18	13:32-15:30			113.044	31-07-18 13:35	4425.092042	Other	NA	Electronic	113.044	113.056
CHFJPY.	31-07-18	15:32-17:30			113.096	31-07-18 15:37	885.0184084	Other	NA	Electronic	113.096	113.108
CHFJPY.	01-08-18	09:32-11:30			112.89	01-08-18 09:57	4425.092042	Other	NA	Electronic	112.876	112.89
CHFJPY.	01-08-18	11:32-13:30			112.855	01-08-18 11:40	4425.092042	Other	NA	Electronic	112.855	112.866
CHFJPY.	01-08-18	13:32-15:30			112.79	01-08-18 13:51	885.0184084	Other	NA	Electronic	112.79	112.802
CHFJPY.	01-08-18	15:30-15:32	112.675	885.0184084								
CHFJPY.	02-08-18	09:32-11:30			112.188	02-08-18 09:36	885.0184084	Other	NA	Electronic	112.177	112.188
CHFJPY.	02-08-18	15:32-17:30			112.23	02-08-18 16:23	2655.055225	Other	NA	Electronic	112.219	112.232
CHFJPY.	03-08-18	09:32-11:30			112.235	03-08-18 10:31	4425.092042	Other	NA	Electronic	112.235	112.248
CHFJPY.	03-08-18	11:32-13:30			112.308	03-08-18 11:42	1770.036817	Other	NA	Electronic	112.298	112.308
CHFJPY.	03-08-18	13:32-15:30			111.916	03-08-18 13:34	26550.55225	Other	NA	Electronic	111.903	111.916
CHFJPY.	03-08-18	15:32-17:30			112.051	03-08-18 16:54	8850.184084	Other	NA	Electronic	112.051	112.06

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	06-08-18	09:32-11:30			111.769	06-08-18 10:19	8850.184084	Other	NA	Electronic	111.757	111.769
CHFJPY.	06-08-18	13:32-15:30			111.819	06-08-18 15:05	8850.184084	Other	NA	Electronic	111.805	111.815
CHFJPY.	07-08-18	09:32-11:30			111.743	07-08-18 10:28	8850.184084	Other	NA	Electronic	111.729	111.743
CHFJPY.	07-08-18	11:32-13:30			111.772	07-08-18 12:55	885.0184084	Other	NA	Electronic	111.76	111.772
CHFJPY.	07-08-18	13:32-15:30			111.786	07-08-18 14:01	3540.073634	Other	NA	Electronic	111.778	111.786
CHFJPY.	08-08-18	15:32-17:30			111.592	08-08-18 15:58	1770.036817	Other	NA	Electronic	111.592	111.598
CHFJPY.	09-08-18	09:32-11:30			111.831	09-08-18 09:43	1770.036817	Other	NA	Electronic	111.831	111.836
CHFJPY.	09-08-18	11:32-13:30			111.85	09-08-18 12:55	8850.184084	Other	NA	Electronic	111.846	111.85
CHFJPY.	09-08-18	13:32-15:30			111.989	09-08-18 13:52	1770.036817	Other	NA	Electronic	111.989	111.998
CHFJPY.	09-08-18	15:32-17:30			111.962	09-08-18 16:09	885.0184084	Other	NA	Electronic	111.962	111.967
CHFJPY.	10-08-18	09:32-11:30			111.56	10-08-18 10:16	4425.092042	Other	NA	Electronic	111.56	111.563
CHFJPY.	10-08-18	11:32-13:30			111.576	10-08-18 11:33	4425.092042	Other	NA	Electronic	111.57	111.576
CHFJPY.	10-08-18	13:30-13:32	111.473	177888.7001								
CHFJPY.	10-08-18	15:32-17:30			111.216	10-08-18 16:35	2655.055225	Other	NA	Electronic	111.212	111.216
CHFJPY.	13-08-18	11:32-13:30			110.971	13-08-18 11:33	4425.092042	Other	NA	Electronic	110.968	110.971

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	13-08-18	13:30-13:32	111.453	7080.147267								
CHFJPY.	13-08-18	15:32-17:30			111.356	13-08-18 16:57	3540.073634	Other	NA	Electronic	111.356	111.36
CHFJPY.	14-08-18	09:32-11:30			111.941	14-08-18 09:34	4425.092042	Other	NA	Electronic	111.936	111.941
CHFJPY.	14-08-18	11:32-13:30			111.928	14-08-18 11:36	4425.092042	Other	NA	Electronic	111.928	111.933
CHFJPY.	14-08-18	13:32-15:30			111.861	14-08-18 13:32	8850.184084	Other	NA	Electronic	111.857	111.861
CHFJPY.	14-08-18	15:32-17:30			111.684	14-08-18 15:37	1770.036817	Other	NA	Electronic	111.684	111.688
CHFJPY.	15-08-18	09:32-11:30			111.382	15-08-18 10:36	4425.092042	Other	NA	Electronic	111.378	111.382
CHFJPY.	15-08-18	11:32-13:30			111.283	15-08-18 11:50	7080.147267	Other	NA	Electronic	111.283	111.287
CHFJPY.	15-08-18	13:32-15:30			111.188	15-08-18 13:45	4425.092042	Other	NA	Electronic	111.183	111.188
CHFJPY.	15-08-18	15:32-17:30			111.284	15-08-18 16:07	1770.036817	Other	NA	Electronic	111.279	111.284
CHFJPY.	16-08-18	09:32-11:30			111.546	16-08-18 10:04	1770.036817	Other	NA	Electronic	111.546	111.55
CHFJPY.	16-08-18	11:32-13:30			111.465	16-08-18 12:33	1770.036817	Other	NA	Electronic	111.461	111.465
CHFJPY.	16-08-18	15:32-17:30			111.33	16-08-18 16:48	26550.55225	Other	NA	Electronic	111.33	111.334
CHFJPY.	17-08-18	09:32-11:30			110.935	17-08-18 11:28	8850.184084	Other	NA	Electronic	110.931	110.935
CHFJPY.	17-08-18	11:32-13:30			110.942	17-08-18 12:26	1770.036817	Other	NA	Electronic	110.935	110.942

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	17-08-18	13:32-15:30			111.076	17-08-18 15:20	885.0184084	Other	NA	Electronic	111.076	111.08
CHFJPY.	17-08-18	15:32-17:30			111.047	17-08-18 16:41	4425.092042	Other	NA	Electronic	111.043	111.047
CHFJPY.	20-08-18	11:32-13:30			111.102	20-08-18 12:06	8850.184084	Other	NA	Electronic	111.102	111.105
CHFJPY.	20-08-18	15:32-17:30			111.078	20-08-18 16:39	885.0184084	Other	NA	Electronic	111.07	111.078
CHFJPY.	21-08-18	11:32-13:30			111.752	21-08-18 12:50	1770.036817	Other	NA	Electronic	111.753	111.762
CHFJPY.	21-08-18	13:32-15:30			111.854	21-08-18 13:34	1770.036817	Other	NA	Electronic	111.846	111.854
CHFJPY.	21-08-18	15:32-17:30			111.92	21-08-18 16:19	12390.25772	Other	NA	Electronic	111.92	111.929
CHFJPY.	22-08-18	09:32-11:30			112.224	22-08-18 10:26	7080.147267	Other	NA	Electronic	112.224	112.232
CHFJPY.	22-08-18	11:32-13:30			112.305	22-08-18 12:07	8850.184084	Other	NA	Electronic	112.305	112.314
CHFJPY.	22-08-18	13:32-15:30			112.382	22-08-18 13:32	885.0184084	Other	NA	Electronic	112.382	112.391
CHFJPY.	22-08-18	15:32-17:30			112.358	22-08-18 17:07	1770.036817	Other	NA	Electronic	112.358	112.37
CHFJPY.	23-08-18	09:32-11:30			112.694	23-08-18 10:11	885.0184084	Other	NA	Electronic	112.686	112.694
CHFJPY.	23-08-18	13:32-15:30			112.875	23-08-18 14:02	885.0184084	Other	NA	Electronic	112.866	112.875
CHFJPY.	23-08-18	15:32-17:30			112.843	23-08-18 16:11	53101.1045	Other	NA	Electronic	112.843	112.851
CHFJPY.	24-08-18	09:32-11:30			113.265	24-08-18 10:11	1770.036817	Other	NA	Electronic	113.265	113.274

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CHFJPY.	24-08-18	11:32-13:30			113.175	24-08-18 11:40	1770.036817	Other	NA	Electronic	113.167	113.175
CHFJPY.	24-08-18	13:32-15:30			113.194	24-08-18 13:37	7965.165675	Other	NA	Electronic	113.194	113.202
CHFJPY.	24-08-18	15:32-17:30			113.158	24-08-18 16:51	1770.036817	Other	NA	Electronic	113.158	113.166
CHFJPY.	27-08-18	09:32-11:30			113.092	27-08-18 09:40	1770.036817	Other	NA	Electronic	113.084	113.092
CHFJPY.	27-08-18	11:32-13:30			112.969	27-08-18 11:46	6195.128859	Other	NA	Electronic	112.969	112.977
CHFJPY.	27-08-18	13:32-15:30			113.045	27-08-18 13:37	885.0184084	Other	NA	Electronic	113.045	113.053
CHFJPY.	27-08-18	15:32-17:30			113.271	27-08-18 15:44	885.0184084	Other	NA	Electronic	113.271	113.279
CHFJPY.	28-08-18	09:32-11:30			113.7	28-08-18 09:33	2655.055225	Other	NA	Electronic	113.692	113.7
CHFJPY.	28-08-18	11:32-13:30			113.826	28-08-18 11:49	1770.036817	Other	NA	Electronic	113.817	113.826
CHFJPY.	28-08-18	13:32-15:30			113.86	28-08-18 13:34	8850.184084	Other	NA	Electronic	113.851	113.86
CHFJPY.	28-08-18	15:32-17:30			113.885	28-08-18 16:07	3540.073634	Other	NA	Electronic	113.885	113.894
CHFJPY.	29-08-18	09:32-11:30			113.763	29-08-18 11:03	45135.93883	Other	NA	Electronic	113.763	113.771
CHFJPY.	29-08-18	11:32-13:30			114	29-08-18 12:26	1770.036817	Other	NA	Electronic	114	114.009
CHFJPY.	29-08-18	13:32-15:30			114.397	29-08-18 13:43	7965.165675	Other	NA	Electronic	114.388	114.397
CHFJPY.	29-08-18	15:32-17:30			114.906	29-08-18 15:45	6195.128859	Other	NA	Electronic	114.897	114.906



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	30-08-18	09:32-11:30			115.011	30-08-18 09:36	1770.036817	Other	NA	Electronic	115.011	115.019
CHFJPY.	30-08-18	11:32-13:30			114.915	30-08-18 12:21	8850.184084	Other	NA	Electronic	114.907	114.915
CHFJPY.	30-08-18	13:32-15:30			114.631	30-08-18 14:01	44250.92042	Other	NA	Electronic	114.631	114.639
CHFJPY.	30-08-18	15:32-17:30			114.5	30-08-18 15:44	44250.92042	Other	NA	Electronic	114.49	114.5
CHFJPY.	31-08-18	09:32-11:30			114.6	31-08-18 09:49	4425.092042	Other	NA	Electronic	114.6	114.608
CHFJPY.	31-08-18	11:32-13:30			114.359	31-08-18 12:18	1770.036817	Other	NA	Electronic	114.347	114.359
CHFJPY.	31-08-18	13:32-15:30			114.482	31-08-18 14:32	1770.036817	Other	NA	Electronic	114.482	114.496
CHFJPY.	31-08-18	15:32-17:30			114.347	31-08-18 15:40	4425.092042	Other	NA	Electronic	114.347	114.36
CHFJPY.	03-09-18	09:32-11:30			114.494	03-09-18 10:20	8850.184084	Other	NA	Electronic	114.494	114.507
CHFJPY.	03-09-18	11:32-13:30			114.559	03-09-18 11:40	17700.36817	Other	NA	Electronic	114.559	114.571
CHFJPY.	03-09-18	15:32-17:30			114.555	03-09-18 16:26	3540.073634	Other	NA	Electronic	114.555	114.566
CHFJPY.	04-09-18	09:32-11:30			114.369	04-09-18 11:13	1770.036817	Other	NA	Electronic	114.356	114.369
CHFJPY.	04-09-18	11:32-13:30			114.212	04-09-18 11:55	8850.184084	Other	NA	Electronic	114.212	114.225
CHFJPY.	04-09-18	13:32-15:30			114.073	04-09-18 13:56	4425.092042	Other	NA	Electronic	114.06	114.073
CHFJPY.	04-09-18	15:32-17:30			114.204	04-09-18 16:08	2655.055225	Other	NA	Electronic	114.204	114.217

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	05-09-18	09:32-11:30			114.622	05-09-18 10:37	7080.147267	Other	NA	Electronic	114.611	114.622
CHFJPY.	05-09-18	11:32-13:30			114.477	05-09-18 12:02	8850.184084	Other	NA	Electronic	114.465	114.477
CHFJPY.	05-09-18	13:32-15:30			114.734	05-09-18 14:23	7965.165675	Other	NA	Electronic	114.721	114.734
CHFJPY.	05-09-18	15:32-17:30			114.762	05-09-18 17:02	885.0184084	Other	NA	Electronic	114.746	114.762
CHFJPY.	06-09-18	09:32-11:30			114.778	06-09-18 09:47	885.0184084	Other	NA	Electronic	114.766	114.778
CHFJPY.	06-09-18	11:32-13:30			114.796	06-09-18 12:37	4425.092042	Other	NA	Electronic	114.796	114.809
CHFJPY.	06-09-18	13:32-15:30			114.675	06-09-18 14:15	1770.036817	Other	NA	Electronic	114.661	114.675
CHFJPY.	06-09-18	15:32-17:30			114.539	06-09-18 16:41	97352.02492	Other	NA	Electronic	114.539	114.552
CHFJPY.	07-09-18	09:32-11:30			114.752	07-09-18 10:07	88501.84084	Other	NA	Electronic	114.752	114.765
CHFJPY.	07-09-18	13:32-15:30			114.963	07-09-18 13:59	88501.84084	Other	NA	Electronic	114.945	114.963
CHFJPY.	07-09-18	15:32-17:30			114.831	07-09-18 15:37	885.0184084	Other	NA	Electronic	114.831	114.843
CHFJPY.	10-09-18	09:32-11:30			114.345	10-09-18 09:32	885.0184084	Other	NA	Electronic	114.332	114.345
CHFJPY.	10-09-18	11:32-13:30			114.241	10-09-18 13:05	22125.46021	Other	NA	Electronic	114.228	114.241
CHFJPY.	10-09-18	13:32-15:30			114.219	10-09-18 13:32	885.0184084	Other	NA	Electronic	114.213	114.226
CHFJPY.	10-09-18	15:32-17:30			114.005	10-09-18 16:29	885.0184084	Other	NA	Electronic	113.992	114.005

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	11-09-18	13:32-15:30			114.369	11-09-18 13:37	26550.55225	Other	NA	Electronic	114.369	114.381
CHFJPY.	11-09-18	15:32-17:30			114.479	11-09-18 15:34	1770.036817	Other	NA	Electronic	114.479	114.492
CHFJPY.	12-09-18	09:32-11:30			114.534	12-09-18 10:17	4425.092042	Other	NA	Electronic	114.534	114.546
CHFJPY.	12-09-18	13:32-15:30			114.537	12-09-18 14:01	4425.092042	Other	NA	Electronic	114.482	114.537
CHFJPY.	12-09-18	15:32-17:30			114.765	12-09-18 15:41	885.0184084	Other	NA	Electronic	114.765	114.778
CHFJPY.	13-09-18	09:32-11:30			115.076	13-09-18 11:08	4425.092042	Other	NA	Electronic	115.076	115.088
CHFJPY.	13-09-18	11:32-13:30			115.086	13-09-18 12:07	14160.29453	Other	NA	Electronic	115.074	115.086
CHFJPY.	13-09-18	13:30-13:32	115.37	885.0184084								
CHFJPY.	13-09-18	15:32-17:30			115.65	13-09-18 15:32	1770.036817	Other	NA	Electronic	115.65	115.658
CHFJPY.	14-09-18	13:32-15:30			115.895	14-09-18 13:51	1770.036817	Other	NA	Electronic	115.895	115.903
CHFJPY.	17-09-18	09:32-11:30			116.05	17-09-18 09:40	885.0184084	Other	NA	Electronic	116.05	116.057
CHFJPY.	17-09-18	11:30-11:32	116.261	885.0184084								
CHFJPY.	17-09-18	15:32-17:30			116.333	17-09-18 15:47	885.0184084	Other	NA	Electronic	116.333	116.341
CHFJPY.	18-09-18	09:32-11:30			116.478	18-09-18 10:00	885.0184084	Other	NA	Electronic	116.478	116.485
CHFJPY.	18-09-18	11:30-11:32	116.459	2655.055225								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	18-09-18	13:32-15:30			116.9	18-09-18 13:34	885.0184084	Other	NA	Electronic	116.892	116.9
CHFJPY.	18-09-18	15:32-17:30			116.698	18-09-18 16:19	26550.55225	Other	NA	Electronic	116.698	116.705
CHFJPY.	19-09-18	09:32-11:30			116.283	19-09-18 09:55	8850.184084	Other	NA	Electronic	116.276	116.283
CHFJPY.	19-09-18	11:30-11:32	115.962	1770.036817								
CHFJPY.	19-09-18	13:32-15:30			115.882	19-09-18 13:57	1770.036817	Other	NA	Electronic	115.882	115.889
CHFJPY.	19-09-18	15:32-17:30			116.061	19-09-18 17:27	885.0184084	Other	NA	Electronic	116.061	116.074
CHFJPY.	20-09-18	09:32-11:30			116.336	20-09-18 11:20	1770.036817	Other	NA	Electronic	116.304	116.336
CHFJPY.	20-09-18	11:30-11:32	116.401	6195.128859								
CHFJPY.	20-09-18	13:32-15:30			116.765	20-09-18 13:32	1770.036817	Other	NA	Electronic	116.757	116.765
CHFJPY.	21-09-18	09:32-11:30			117.984	21-09-18 09:33	3540.073634	Other	NA	Electronic	117.973	117.984
CHFJPY.	21-09-18	11:32-13:30			117.908	21-09-18 12:21	885.0184084	Other	NA	Electronic	117.908	117.916
CHFJPY.	21-09-18	13:32-15:30			117.699	21-09-18 13:48	4425.092042	Other	NA	Electronic	117.699	117.708
CHFJPY.	21-09-18	15:32-17:30			117.396	21-09-18 15:37	177003.6817	Other	NA	Electronic	117.396	117.404
CHFJPY.	24-09-18	09:32-11:30			117.509	24-09-18 10:05	6195.128859	Other	NA	Electronic	117.509	117.516
CHFJPY.	24-09-18	11:32-13:30			117.479	24-09-18 13:10	265505.5225	Other	NA	Electronic	117.474	117.482

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CHFJPY.	24-09-18	13:32-15:30			117.271	24-09-18 14:09	1770.036817	Other	NA	Electronic	117.271	117.278
CHFJPY.	24-09-18	15:32-17:30			117.127	24-09-18 16:49	885.0184084	Other	NA	Electronic	117.116	117.127
CHFJPY.	25-09-18	09:32-11:30			116.791	25-09-18 09:44	177003.6817	Other	NA	Electronic	116.791	116.804
CHFJPY.	25-09-18	11:32-13:30			116.797	25-09-18 12:43	1770.036817	Other	NA	Electronic	116.798	116.81
CHFJPY.	25-09-18	13:32-15:30			116.957	25-09-18 14:30	885.0184084	Other	NA	Electronic	116.957	116.969
CHFJPY.	25-09-18	15:32-17:30			117.023	25-09-18 15:52	8850.184084	Other	NA	Electronic	117.012	117.023
CHFJPY.	26-09-18	09:32-11:30			116.826	26-09-18 09:35	2655.055225	Other	NA	Electronic	116.826	116.837
CHFJPY.	26-09-18	11:30-11:32	116.608	885.0184084								
CHFJPY.	26-09-18	13:32-15:30			116.558	26-09-18 13:47	177003.6817	Other	NA	Electronic	116.547	116.558
CHFJPY.	26-09-18	15:32-17:30			116.686	26-09-18 16:02	3540.073634	Other	NA	Electronic	116.673	116.686
CHFJPY.	27-09-18	09:32-11:30			116.259	27-09-18 11:00	885.0184084	Other	NA	Electronic	116.247	116.259
CHFJPY.	27-09-18	11:32-13:30			116.214	27-09-18 11:55	13275.27613	Other	NA	Electronic	116.214	116.225
CHFJPY.	27-09-18	13:32-15:30			116.07	27-09-18 13:39	885.0184084	Other	NA	Electronic	116.058	116.07
CHFJPY.	27-09-18	15:32-17:30			115.997	27-09-18 15:49	1770.036817	Other	NA	Electronic	115.986	115.997
CHFJPY.	28-09-18	09:32-11:30			116.402	28-09-18 09:52	2655.055225	Other	NA	Electronic	116.402	116.413

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPY.	28-09-18	11:32-13:30			116.184	28-09-18 13:04	2655.055225	Other	NA	Electronic	116.184	116.196
CHFJPYmicro	02-07-18	09:32-11:30			111.626	02-07-18 09:36	88.50184084	Other	NA	Electronic	111.593	111.625
CHFJPYmicro	02-07-18	11:32-13:30			111.493	02-07-18 11:48	177.0036817	Other	NA	Electronic	111.493	111.523
CHFJPYmicro	02-07-18	13:30-13:32	111.34267	1796.587369								
CHFJPYmicro	02-07-18	15:30-15:32	111.326	123.9025772								
CHFJPYmicro	03-07-18	09:32-11:30			111.688	03-07-18 09:32	442.5092042	Other	NA	Electronic	111.655	111.688
CHFJPYmicro	03-07-18	11:32-13:30			111.544	03-07-18 11:33	88.50184084	Other	NA	Electronic	111.544	111.576
CHFJPYmicro	03-07-18	13:32-15:30			111.511	03-07-18 13:41	88.50184084	Other	NA	Electronic	111.479	111.511
CHFJPYmicro	03-07-18	15:32-17:30			111.43	03-07-18 15:46	88.50184084	Other	NA	Electronic	111.399	111.43
CHFJPYmicro	04-07-18	09:30-09:32	111.313	88.50184084								
CHFJPYmicro	04-07-18	11:32-13:30			111.25	04-07-18 11:32	885.0184084	Other	NA	Electronic	111.25	111.282
CHFJPYmicro	04-07-18	13:32-15:30			111.281	04-07-18 13:44	17.70036817	Other	NA	Electronic	111.281	111.31
CHFJPYmicro	04-07-18	15:32-17:30			111.206	04-07-18 15:46	70.80147267	Other	NA	Electronic	111.174	111.206
CHFJPYmicro	05-07-18	09:32-11:30			111.457	05-07-18 09:42	88.50184084	Other	NA	Electronic	111.425	111.457
CHFJPYmicro	05-07-18	11:32-13:30			111.64	05-07-18 11:58	1770.036817	Other	NA	Electronic	111.608	111.64

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	05-07-18	13:32-15:30			111.393	05-07-18 13:38	265.5055225	Other	NA	Electronic	111.362	111.393
CHFJPYmicro	05-07-18	15:32-17:30			111.478	05-07-18 15:41	88.50184084	Other	NA	Electronic	111.449	111.478
CHFJPYmicro	06-07-18	09:30-09:32	111.462	973.5202492								
CHFJPYmicro	06-07-18	11:32-13:30			111.455	06-07-18 11:59	2097.493628	Other	NA	Electronic	111.424	111.455
CHFJPYmicro	06-07-18	13:30-13:32	111.675	885.0184084								
CHFJPYmicro	06-07-18	15:32-17:30			111.63	06-07-18 15:32	88.50184084	Other	NA	Electronic	111.599	111.63
CHFJPYmicro	09-07-18	09:32-11:30			111.892	09-07-18 09:32	88.50184084	Other	NA	Electronic	111.859	111.892
CHFJPYmicro	09-07-18	11:32-13:30			111.764	09-07-18 11:36	88.50184084	Other	NA	Electronic	111.764	111.797
CHFJPYmicro	09-07-18	13:32-15:30			111.835	09-07-18 13:36	88.50184084	Other	NA	Electronic	111.802	111.835
CHFJPYmicro	09-07-18	15:32-17:30			111.681	09-07-18 15:44	17.70036817	Other	NA	Electronic	111.653	111.681
CHFJPYmicro	10-07-18	09:32-11:30			111.915	10-07-18 09:32	88.50184084	Other	NA	Electronic	111.915	111.947
CHFJPYmicro	10-07-18	11:30-11:32	111.842	885.0184084								
CHFJPYmicro	10-07-18	13:32-15:30			111.879	10-07-18 13:32	8.850184084	Other	NA	Electronic	111.847	111.879
CHFJPYmicro	10-07-18	15:30-15:32	112.047	902.7187766								
CHFJPYmicro	11-07-18	09:30-09:32	111.816	8.850184084								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	11-07-18	11:32-13:30			111.843	11-07-18 11:38	2743.557066	Other	NA	Electronic	111.843	111.873
CHFJPYmicro	11-07-18	13:30-13:32	112.21542	6973.945058								
CHFJPYmicro	11-07-18	15:32-17:30			112.249	11-07-18 15:32	221.2546021	Other	NA	Electronic	112.249	112.278
CHFJPYmicro	12-07-18	09:32-11:30			112.727	12-07-18 09:37	88.50184084	Other	NA	Electronic	112.727	112.758
CHFJPYmicro	12-07-18	11:30-11:32	112.67233	26.55055225								
CHFJPYmicro	12-07-18	13:30-13:32	112.36133	35.40073634								
CHFJPYmicro	12-07-18	15:32-17:30			112.296	12-07-18 15:34	8.850184084	Other	NA	Electronic	112.269	112.298
CHFJPYmicro	13-07-18	09:30-09:32	112.1515	2832.058907								
CHFJPYmicro	13-07-18	11:30-11:32	111.933	1150.523931								
CHFJPYmicro	13-07-18	13:32-15:30			112.03	13-07-18 13:48	442.5092042	Other	NA	Electronic	112.001	112.03
CHFJPYmicro	13-07-18	15:30-15:32	112.155	6292.480884								
CHFJPYmicro	16-07-18	09:32-11:30			112.486	16-07-18 09:35	17.70036817	Other	NA	Electronic	112.486	112.516
CHFJPYmicro	16-07-18	11:32-13:30			112.633	16-07-18 11:35	177.0036817	Other	NA	Electronic	112.633	112.664
CHFJPYmicro	16-07-18	13:32-15:30			112.606	16-07-18 13:56	53.1011045	Other	NA	Electronic	112.578	112.606
CHFJPYmicro	16-07-18	15:32-17:30			112.55	16-07-18 15:32	70.80147267	Other	NA	Electronic	112.55	112.576



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	17-07-18	09:30-09:32	112.925	265.5055225								
CHFJPYmicro	17-07-18	11:32-13:30			113.099	17-07-18 11:38	1770.036817	Other	NA	Electronic	113.099	113.13
CHFJPYmicro	17-07-18	13:30-13:32	113.125	265.5055225								
CHFJPYmicro	17-07-18	15:32-17:30			112.999	17-07-18 15:32	1858.538658	Other	NA	Electronic	112.999	113.028
CHFJPYmicro	18-07-18	09:30-09:32	112.822	1858.538658								
CHFJPYmicro	18-07-18	11:30-11:32	112.954	885.0184084								
CHFJPYmicro	18-07-18	13:32-15:30			112.874	18-07-18 13:37	3540.073634	Other	NA	Electronic	112.874	112.904
CHFJPYmicro	18-07-18	15:30-15:32	112.84867	2256.796941								
CHFJPYmicro	19-07-18	09:32-11:30			112.797	19-07-18 09:46	265.5055225	Other	NA	Electronic	112.766	112.797
CHFJPYmicro	19-07-18	11:30-11:32	112.75283	107441.2348								
CHFJPYmicro	19-07-18	13:30-13:32	112.685	885.0184084								
CHFJPYmicro	19-07-18	15:32-17:30			112.759	19-07-18 15:36	13275.27613	Other	NA	Electronic	112.729	112.759
CHFJPYmicro	20-07-18	09:32-11:30			112.532	20-07-18 09:37	1770.036817	Other	NA	Electronic	112.532	112.564
CHFJPYmicro	20-07-18	11:32-13:30			112.622	20-07-18 11:55	177.0036817	Other	NA	Electronic	112.592	112.622
CHFJPYmicro	20-07-18	13:32-15:30			112.439	20-07-18 13:36	3540.073634	Other	NA	Electronic	112.439	112.469

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	20-07-18	15:32-17:30			112.378	20-07-18 15:48	79.65165675	Other	NA	Electronic	112.378	112.408
CHFJPYmicro	23-07-18	09:32-11:30			111.93	23-07-18 09:32	88.50184084	Other	NA	Electronic	111.93	111.962
CHFJPYmicro	23-07-18	11:30-11:32	112.051	8.850184084								
CHFJPYmicro	23-07-18	13:30-13:32	112.26	8859.034268								
CHFJPYmicro	23-07-18	15:32-17:30			112.227	23-07-18 15:34	88.50184084	Other	NA	Electronic	112.196	112.227
CHFJPYmicro	24-07-18	09:32-11:30			111.893	24-07-18 09:36	885.0184084	Other	NA	Electronic	111.862	111.893
CHFJPYmicro	24-07-18	11:32-13:30			111.811	24-07-18 11:35	885.0184084	Other	NA	Electronic	111.811	111.84
CHFJPYmicro	24-07-18	13:30-13:32	111.765	3982.582838								
CHFJPYmicro	24-07-18	15:30-15:32	111.947	885.0184084								
CHFJPYmicro	25-07-18	09:30-09:32	112.065	88.50184084								
CHFJPYmicro	25-07-18	11:32-13:30			112.013	25-07-18 11:41	2309.898046	Other	NA	Electronic	111.986	112.013
CHFJPYmicro	25-07-18	13:32-15:30			111.875	25-07-18 13:53	35.40073634	Other	NA	Electronic	111.846	111.875
CHFJPYmicro	25-07-18	15:30-15:32	111.614	442.5092042								
CHFJPYmicro	26-07-18	09:32-11:30			111.555	26-07-18 09:38	132.7527613	Other	NA	Electronic	111.555	111.582
CHFJPYmicro	26-07-18	11:30-11:32	111.657	2301.047862								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	26-07-18	13:32-15:30			111.836	26-07-18 13:50	44472.17502	Other	NA	Electronic	111.809	111.836
CHFJPYmicro	26-07-18	15:32-17:30			111.847	26-07-18 15:32	1770.036817	Other	NA	Electronic	111.82	111.847
CHFJPYmicro	27-07-18	09:32-11:30			111.514	27-07-18 09:33	646.0634381	Other	NA	Electronic	111.514	111.546
CHFJPYmicro	27-07-18	11:32-13:30			111.505	27-07-18 11:37	4425.092042	Other	NA	Electronic	111.476	111.505
CHFJPYmicro	27-07-18	13:30-13:32	111.45	97.35202492								
CHFJPYmicro	27-07-18	15:32-17:30			111.638	27-07-18 15:39	8.850184084	Other	NA	Electronic	111.638	111.666
CHFJPYmicro	30-07-18	09:30-09:32	111.93333	106.202209								
CHFJPYmicro	30-07-18	11:30-11:32	111.9048	663.7638063								
CHFJPYmicro	30-07-18	13:32-15:30			112.015	30-07-18 13:38	177.0036817	Other	NA	Electronic	112.015	112.046
CHFJPYmicro	30-07-18	15:32-17:30			112.288	30-07-18 15:40	212.404418	Other	NA	Electronic	112.289	112.32
CHFJPYmicro	31-07-18	09:30-09:32	112.821	17.70036817								
CHFJPYmicro	31-07-18	11:30-11:32	112.8055	1663.834608								
CHFJPYmicro	31-07-18	13:30-13:32	113.016	1770.036817								
CHFJPYmicro	31-07-18	15:30-15:32	113.07	221.2546021								
CHFJPYmicro	01-08-18	09:32-11:30			112.85	01-08-18 09:32	88.50184084	Other	NA	Electronic	112.85	112.88

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	01-08-18	11:30-11:32	112.844	885.0184084								
CHFJPYmicro	01-08-18	13:30-13:32	112.878	1858.538658								
CHFJPYmicro	01-08-18	15:30-15:32	112.684	2655.055225								
CHFJPYmicro	02-08-18	09:30-09:32	112.132	946.969697								
CHFJPYmicro	02-08-18	11:32-13:30			112.162	02-08-18 11:44	115.0523931	Other	NA	Electronic	112.131	112.162
CHFJPYmicro	02-08-18	13:32-15:30			112.098	02-08-18 13:35	88501.84084	Other	NA	Electronic	112.069	112.098
CHFJPYmicro	02-08-18	15:32-17:30			112.084	02-08-18 15:50	88.50184084	Other	NA	Electronic	112.084	112.113
CHFJPYmicro	03-08-18	09:32-11:30			112.244	03-08-18 09:57	885.0184084	Other	NA	Electronic	112.215	112.244
CHFJPYmicro	03-08-18	11:32-13:30			112.302	03-08-18 11:39	88.50184084	Other	NA	Electronic	112.271	112.302
CHFJPYmicro	03-08-18	13:32-15:30			111.925	03-08-18 13:33	885.0184084	Other	NA	Electronic	111.898	111.925
CHFJPYmicro	03-08-18	15:32-17:30			111.964	03-08-18 15:50	265.5055225	Other	NA	Electronic	111.964	111.992
CHFJPYmicro	06-08-18	09:32-11:30			111.852	06-08-18 09:45	8.850184084	Other	NA	Electronic	111.822	111.852
CHFJPYmicro	06-08-18	11:32-13:30			111.768	06-08-18 11:37	88.50184084	Other	NA	Electronic	111.738	111.768
CHFJPYmicro	06-08-18	13:30-13:32	111.713	8.850184084								
CHFJPYmicro	06-08-18	15:32-17:30			111.857	06-08-18 16:26	17.70036817	Other	NA	Electronic	111.826	111.857

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	07-08-18	09:30-09:32	111.758	88.50184084								
CHFJPYmicro	07-08-18	11:32-13:30			111.744	07-08-18 12:46	8.850184084	Other	NA	Electronic	111.744	111.773
CHFJPYmicro	07-08-18	13:32-15:30			111.75	07-08-18 13:32	177.0036817	Other	NA	Electronic	111.724	111.751
CHFJPYmicro	07-08-18	15:32-17:30			111.75	07-08-18 15:33	265.5055225	Other	NA	Electronic	111.721	111.75
CHFJPYmicro	08-08-18	09:32-11:30			111.401	08-08-18 09:40	26.55055225	Other	NA	Electronic	111.401	111.429
CHFJPYmicro	08-08-18	11:32-13:30			111.504	08-08-18 12:25	8.850184084	Other	NA	Electronic	111.474	111.504
CHFJPYmicro	08-08-18	13:32-15:30			111.489	08-08-18 13:33	177.0036817	Other	NA	Electronic	111.461	111.489
CHFJPYmicro	08-08-18	15:32-17:30			111.593	08-08-18 15:52	26.55055225	Other	NA	Electronic	111.563	111.593
CHFJPYmicro	09-08-18	09:32-11:30			111.807	09-08-18 09:33	88.50184084	Other	NA	Electronic	111.785	111.807
CHFJPYmicro	09-08-18	11:30-11:32	111.88	88.50184084								
CHFJPYmicro	09-08-18	13:32-15:30			111.923	09-08-18 13:48	2655.055225	Other	NA	Electronic	111.894	111.923
CHFJPYmicro	09-08-18	15:32-17:30			112.024	09-08-18 15:35	885.0184084	Other	NA	Electronic	112.002	112.024
CHFJPYmicro	10-08-18	09:30-09:32	111.596	88.50184084								
CHFJPYmicro	10-08-18	11:30-11:32	111.605	885.0184084								
CHFJPYmicro	10-08-18	13:30-13:32	111.4845	17.70036817								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	10-08-18	15:32-17:30			111.269	10-08-18 15:37	88.50184084	Other	NA	Electronic	111.269	111.291
CHFJPYmicro	13-08-18	09:32-11:30			111.005	13-08-18 09:36	2655.055225	Other	NA	Electronic	110.982	111.005
CHFJPYmicro	13-08-18	11:32-13:30			110.937	13-08-18 11:44	88.50184084	Other	NA	Electronic	110.937	110.96
CHFJPYmicro	13-08-18	13:32-15:30			111.47	13-08-18 13:33	531.011045	Other	NA	Electronic	111.448	111.47
CHFJPYmicro	13-08-18	15:32-17:30			111.472	13-08-18 15:46	88.50184084	Other	NA	Electronic	111.449	111.472
CHFJPYmicro	14-08-18	09:32-11:30			111.945	14-08-18 09:35	17700.36817	Other	NA	Electronic	111.945	111.968
CHFJPYmicro	14-08-18	11:32-13:30			111.89	14-08-18 11:38	885.0184084	Other	NA	Electronic	111.89	111.913
CHFJPYmicro	14-08-18	13:32-15:30			111.849	14-08-18 13:33	885.0184084	Other	NA	Electronic	111.827	111.849
CHFJPYmicro	14-08-18	15:32-17:30			111.64	14-08-18 15:32	88.50184084	Other	NA	Electronic	111.618	111.64
CHFJPYmicro	15-08-18	09:32-11:30			111.553	15-08-18 09:33	88.50184084	Other	NA	Electronic	111.531	111.553
CHFJPYmicro	15-08-18	11:30-11:32	111.301	132.7527613								
CHFJPYmicro	15-08-18	13:32-15:30			111.122	15-08-18 13:49	292.0560748	Other	NA	Electronic	111.122	111.144
CHFJPYmicro	15-08-18	15:32-17:30			111.21	15-08-18 16:14	4425.092042	Other	NA	Electronic	111.21	111.232
CHFJPYmicro	16-08-18	09:30-09:32	111.523	442.5092042								
CHFJPYmicro	16-08-18	11:30-11:32	111.594	442.5092042								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	16-08-18	13:32-15:30			111.21	16-08-18 13:35	35.40073634	Other	NA	Electronic	111.21	111.231
CHFJPYmicro	16-08-18	15:30-15:32	111.274	1770.036817								
CHFJPYmicro	17-08-18	09:32-11:30			111.005	17-08-18 09:37	26.55055225	Other	NA	Electronic	111.005	111.027
CHFJPYmicro	17-08-18	11:32-13:30			110.94	17-08-18 11:42	88.50184084	Other	NA	Electronic	110.917	110.94
CHFJPYmicro	17-08-18	13:30-13:32	110.996	17.70036817								
CHFJPYmicro	17-08-18	15:32-17:30			111.063	17-08-18 16:16	53.1011045	Other	NA	Electronic	111.063	111.085
CHFJPYmicro	20-08-18	09:32-11:30			111.056	20-08-18 09:33	88.50184084	Other	NA	Electronic	111.033	111.056
CHFJPYmicro	20-08-18	11:30-11:32	111.131	8.850184084								
CHFJPYmicro	20-08-18	13:32-15:30			111.158	20-08-18 13:36	8.850184084	Other	NA	Electronic	111.131	111.158
CHFJPYmicro	20-08-18	15:32-17:30			110.993	20-08-18 16:00	8.850184084	Other	NA	Electronic	110.993	111.02
CHFJPYmicro	21-08-18	09:32-11:30			111.64	21-08-18 09:36	17.70036817	Other	NA	Electronic	111.64	111.667
CHFJPYmicro	21-08-18	11:32-13:30			111.677	21-08-18 12:02	88.50184084	Other	NA	Electronic	111.677	111.696
CHFJPYmicro	21-08-18	13:32-15:30			111.844	21-08-18 13:33	8.850184084	Other	NA	Electronic	111.844	111.87
CHFJPYmicro	21-08-18	15:32-17:30			111.836	21-08-18 16:00	3540.073634	Other	NA	Electronic	111.836	111.862
CHFJPYmicro	22-08-18	09:30-09:32	112.18	194.7040498								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	22-08-18	11:32-13:30			112.242	22-08-18 11:35	61.95128859	Other	NA	Electronic	112.242	112.268
CHFJPYmicro	22-08-18	13:32-15:30			112.373	22-08-18 13:32	44.25092042	Other	NA	Electronic	112.373	112.4
CHFJPYmicro	22-08-18	15:32-17:30			112.439	22-08-18 15:36	123.9025772	Other	NA	Electronic	112.413	112.439
CHFJPYmicro	23-08-18	09:32-11:30			112.64	23-08-18 09:39	88.50184084	Other	NA	Electronic	112.641	112.667
CHFJPYmicro	23-08-18	11:32-13:30			112.694	23-08-18 12:23	177.0036817	Other	NA	Electronic	112.694	112.72
CHFJPYmicro	23-08-18	13:32-15:30			112.654	23-08-18 13:32	61.95128859	Other	NA	Electronic	112.628	112.654
CHFJPYmicro	23-08-18	15:30-15:32	112.89	53.1011045								
CHFJPYmicro	24-08-18	09:30-09:32	113.2115	97.35202492								
CHFJPYmicro	24-08-18	11:32-13:30			113.18	24-08-18 11:39	681.4641745	Other	NA	Electronic	113.154	113.18
CHFJPYmicro	24-08-18	13:32-15:30			113.185	24-08-18 13:37	3540.073634	Other	NA	Electronic	113.185	113.211
CHFJPYmicro	24-08-18	15:32-17:30			113.221	24-08-18 15:35	177.0036817	Other	NA	Electronic	113.194	113.22
CHFJPYmicro	27-08-18	09:32-11:30			113.085	27-08-18 09:34	88.50184084	Other	NA	Electronic	113.059	113.085
CHFJPYmicro	27-08-18	11:32-13:30			113.024	27-08-18 11:35	442.5092042	Other	NA	Electronic	112.997	113.024
CHFJPYmicro	27-08-18	13:32-15:30			113.035	27-08-18 13:33	442.5092042	Other	NA	Electronic	113.035	113.061
CHFJPYmicro	27-08-18	15:32-17:30			113.333	27-08-18 15:36	35400.73634	Other	NA	Electronic	113.311	113.333



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	28-08-18	09:30-09:32	113.702	354.0073634								
CHFJPYmicro	28-08-18	11:30-11:32	113.746	221.2546021								
CHFJPYmicro	28-08-18	13:32-15:30			113.85	28-08-18 13:34	8.850184084	Other	NA	Electronic	113.85	113.876
CHFJPYmicro	28-08-18	15:32-17:30			113.851	28-08-18 15:33	88.50184084	Other	NA	Electronic	113.851	113.877
CHFJPYmicro	29-08-18	09:32-11:30			113.869	29-08-18 09:34	14310.74766	Other	NA	Electronic	113.843	113.869
CHFJPYmicro	29-08-18	11:30-11:32	113.859	4425.092042								
CHFJPYmicro	29-08-18	13:32-15:30			114.346	29-08-18 13:33	177.0036817	Other	NA	Electronic	114.346	114.373
CHFJPYmicro	29-08-18	15:30-15:32	114.829	486.7601246								
CHFJPYmicro	30-08-18	09:32-11:30			114.994	30-08-18 09:33	354.0073634	Other	NA	Electronic	114.994	115.021
CHFJPYmicro	30-08-18	11:32-13:30			114.912	30-08-18 11:35	265.5055225	Other	NA	Electronic	114.912	114.938
CHFJPYmicro	30-08-18	13:30-13:32	114.6905	22152.01076								
CHFJPYmicro	30-08-18	15:32-17:30			114.615	30-08-18 15:34	8850.184084	Other	NA	Electronic	114.589	114.615
CHFJPYmicro	31-08-18	09:32-11:30			114.595	31-08-18 10:44	141.6029453	Other	NA	Electronic	114.595	114.625
CHFJPYmicro	31-08-18	11:32-13:30			114.479	31-08-18 11:39	88.50184084	Other	NA	Electronic	114.448	114.479
CHFJPYmicro	31-08-18	13:30-13:32	114.368	885.0184084								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	31-08-18	15:32-17:30			114.32	31-08-18 15:32	8.850184084	Other	NA	Electronic	114.32	114.351
CHFJPYmicro	03-09-18	09:32-11:30			114.424	03-09-18 09:34	88.50184084	Other	NA	Electronic	114.393	114.424
CHFJPYmicro	03-09-18	11:32-13:30			114.592	03-09-18 13:08	88.50184084	Other	NA	Electronic	114.561	114.592
CHFJPYmicro	03-09-18	13:32-15:30			114.613	03-09-18 13:35	885.0184084	Other	NA	Electronic	114.582	114.613
CHFJPYmicro	03-09-18	15:32-17:30			114.6	03-09-18 15:51	292.0560748	Other	NA	Electronic	114.6	114.632
CHFJPYmicro	04-09-18	09:30-09:32	114.381	177.0036817								
CHFJPYmicro	04-09-18	11:30-11:32	114.283	132.7527613								
CHFJPYmicro	04-09-18	13:32-15:30			114.228	04-09-18 13:37	88.50184084	Other	NA	Electronic	114.228	114.258
CHFJPYmicro	04-09-18	15:32-17:30			114.317	04-09-18 15:38	88.50184084	Other	NA	Electronic	114.287	114.317
CHFJPYmicro	05-09-18	09:32-11:30			114.516	05-09-18 09:36	88501.84084	Other	NA	Electronic	114.516	114.546
CHFJPYmicro	05-09-18	11:32-13:30			114.569	05-09-18 11:52	35.40073634	Other	NA	Electronic	114.538	114.569
CHFJPYmicro	05-09-18	13:30-13:32	114.86238	238.9549703								
CHFJPYmicro	05-09-18	15:32-17:30			114.774	05-09-18 15:34	8.850184084	Other	NA	Electronic	114.774	114.804
CHFJPYmicro	06-09-18	09:32-11:30			114.807	06-09-18 09:40	88.50184084	Other	NA	Electronic	114.777	114.807
CHFJPYmicro	06-09-18	11:32-13:30			114.796	06-09-18 11:35	17.70036817	Other	NA	Electronic	114.765	114.796

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	06-09-18	13:32-15:30			114.749	06-09-18 14:13	88.50184084	Other	NA	Electronic	114.715	114.749
CHFJPYmicro	06-09-18	15:32-17:30			114.486	06-09-18 15:35	115.0523931	Other	NA	Electronic	114.486	114.518
CHFJPYmicro	07-09-18	09:32-11:30			114.738	07-09-18 09:41	17.70036817	Other	NA	Electronic	114.738	114.769
CHFJPYmicro	07-09-18	11:30-11:32	114.783	1770.036817								
CHFJPYmicro	07-09-18	13:32-15:30			114.787	07-09-18 13:36	8.850184084	Other	NA	Electronic	114.787	114.817
CHFJPYmicro	07-09-18	15:32-17:30			114.838	07-09-18 15:33	88.50184084	Other	NA	Electronic	114.838	114.869
CHFJPYmicro	10-09-18	09:32-11:30			114.249	10-09-18 09:40	61.95128859	Other	NA	Electronic	114.249	114.279
CHFJPYmicro	10-09-18	11:32-13:30			114.044	10-09-18 11:41	265.5055225	Other	NA	Electronic	114.044	114.075
CHFJPYmicro	10-09-18	13:32-15:30			114.174	10-09-18 13:35	44250.92042	Other	NA	Electronic	114.144	114.174
CHFJPYmicro	10-09-18	15:32-17:30			114.135	10-09-18 15:32	44250.92042	Other	NA	Electronic	114.103	114.135
CHFJPYmicro	11-09-18	09:32-11:30			114.283	11-09-18 09:37	88.50184084	Other	NA	Electronic	114.283	114.313
CHFJPYmicro	11-09-18	11:32-13:30			114.368	11-09-18 11:46	26550.55225	Other	NA	Electronic	114.339	114.368
CHFJPYmicro	11-09-18	13:32-15:30			114.462	11-09-18 13:58	88501.84084	Other	NA	Electronic	114.432	114.462
CHFJPYmicro	11-09-18	15:32-17:30			114.491	11-09-18 15:33	2867.459643	Other	NA	Electronic	114.46	114.491
CHFJPYmicro	12-09-18	09:32-11:30			114.528	12-09-18 09:32	177.0036817	Other	NA	Electronic	114.497	114.528

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	12-09-18	11:32-13:30			114.492	12-09-18 11:34	4425.092042	Other	NA	Electronic	114.492	114.522
CHFJPYmicro	12-09-18	13:30-13:32	114.424	17.70036817								
CHFJPYmicro	12-09-18	15:32-17:30			114.767	12-09-18 15:36	88.50184084	Other	NA	Electronic	114.767	114.797
CHFJPYmicro	13-09-18	09:30-09:32	114.863	88.50184084								
CHFJPYmicro	13-09-18	11:32-13:30			115.079	13-09-18 11:33	354.0073634	Other	NA	Electronic	115.079	115.111
CHFJPYmicro	13-09-18	13:30-13:32	115.401	3000.212404								
CHFJPYmicro	13-09-18	15:32-17:30			115.667	13-09-18 15:33	88.50184084	Other	NA	Electronic	115.639	115.667
CHFJPYmicro	14-09-18	09:32-11:30			115.967	14-09-18 09:32	44250.92042	Other	NA	Electronic	115.939	115.967
CHFJPYmicro	14-09-18	11:32-13:30			116.045	14-09-18 11:34	8.850184084	Other	NA	Electronic	116.045	116.073
CHFJPYmicro	14-09-18	13:32-15:30			115.885	14-09-18 13:33	88.50184084	Other	NA	Electronic	115.857	115.885
CHFJPYmicro	14-09-18	15:32-17:30			115.974	14-09-18 15:53	442.5092042	Other	NA	Electronic	115.974	116.001
CHFJPYmicro	17-09-18	09:30-09:32	116.0385	531.011045								
CHFJPYmicro	17-09-18	11:30-11:32	116.2465	2655.055225								
CHFJPYmicro	17-09-18	13:32-15:30			116.345	17-09-18 13:32	88.50184084	Other	NA	Electronic	116.345	116.374
CHFJPYmicro	17-09-18	15:32-17:30			116.357	17-09-18 15:42	8.850184084	Other	NA	Electronic	116.33	116.357

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	18-09-18	09:32-11:30			116.49	18-09-18 09:39	177.0036817	Other	NA	Electronic	116.462	116.49
CHFJPYmicro	18-09-18	11:32-13:30			116.468	18-09-18 11:36	177.0036817	Other	NA	Electronic	116.468	116.495
CHFJPYmicro	18-09-18	13:32-15:30			116.765	18-09-18 13:32	1327.527613	Other	NA	Electronic	116.765	116.793
CHFJPYmicro	18-09-18	15:32-17:30			116.752	18-09-18 15:36	177.0036817	Other	NA	Electronic	116.751	116.779
CHFJPYmicro	19-09-18	09:32-11:30			116.333	19-09-18 09:34	8.850184084	Other	NA	Electronic	116.306	116.333
CHFJPYmicro	19-09-18	11:30-11:32	115.972	2655.055225								
CHFJPYmicro	19-09-18	13:32-15:30			115.807	19-09-18 13:36	88.50184084	Other	NA	Electronic	115.807	115.835
CHFJPYmicro	19-09-18	15:32-17:30			116.046	19-09-18 15:35	442.5092042	Other	NA	Electronic	116.019	116.046
CHFJPYmicro	20-09-18	09:32-11:30			116.216	20-09-18 09:32	115.0523931	Other	NA	Electronic	116.188	116.216
CHFJPYmicro	20-09-18	11:30-11:32	116.40889	3840.979892								
CHFJPYmicro	20-09-18	13:30-13:32	116.746	17762.31946								
CHFJPYmicro	20-09-18	15:32-17:30			117.056	20-09-18 15:34	893.8685925	Other	NA	Electronic	117.056	117.084
CHFJPYmicro	21-09-18	09:32-11:30			117.957	21-09-18 09:33	539.8612291	Other	NA	Electronic	117.957	117.987
CHFJPYmicro	21-09-18	11:32-13:30			117.917	21-09-18 11:32	1008.920986	Other	NA	Electronic	117.889	117.917
CHFJPYmicro	21-09-18	13:30-13:32	117.71067	247.8051543								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	21-09-18	15:30-15:32	117.39088	1601.883319								
CHFJPYmicro	24-09-18	09:30-09:32	117.478	177.0036817								
CHFJPYmicro	24-09-18	11:32-13:30			117.435	24-09-18 11:33	4425.092042	Other	NA	Electronic	117.408	117.435
CHFJPYmicro	24-09-18	13:32-15:30			117.417	24-09-18 13:37	177.0036817	Other	NA	Electronic	117.39	117.417
CHFJPYmicro	24-09-18	15:32-17:30			117.072	24-09-18 15:34	88.50184084	Other	NA	Electronic	117.045	117.072
CHFJPYmicro	25-09-18	09:32-11:30			116.771	25-09-18 09:33	2212.546021	Other	NA	Electronic	116.743	116.771
CHFJPYmicro	25-09-18	11:30-11:32	116.795	885.0184084								
CHFJPYmicro	25-09-18	13:30-13:32	116.881	885.0184084								
CHFJPYmicro	25-09-18	15:32-17:30			117.011	25-09-18 15:33	132.7527613	Other	NA	Electronic	116.982	117.011
CHFJPYmicro	26-09-18	09:32-11:30			116.833	26-09-18 09:32	177.0036817	Other	NA	Electronic	116.833	116.861
CHFJPYmicro	26-09-18	11:32-13:30			116.651	26-09-18 11:36	902.7187766	Other	NA	Electronic	116.624	116.651
CHFJPYmicro	26-09-18	13:32-15:30			116.534	26-09-18 13:37	531.011045	Other	NA	Electronic	116.534	116.562
CHFJPYmicro	26-09-18	15:32-17:30			116.677	26-09-18 15:34	4425.092042	Other	NA	Electronic	116.677	116.705
CHFJPYmicro	27-09-18	09:30-09:32	116.438	44.25092042								
CHFJPYmicro	27-09-18	11:32-13:30			116.112	27-09-18 11:32	17.70036817	Other	NA	Electronic	116.085	116.112

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFJPYmicro	27-09-18	13:30-13:32	116.016	44.25092042								
CHFJPYmicro	27-09-18	15:32-17:30			115.96	27-09-18 15:34	44.25092042	Other	NA	Electronic	115.933	115.96
CHFJPYmicro	28-09-18	09:32-11:30			116.241	28-09-18 09:35	442.5092042	Other	NA	Electronic	116.212	116.24
CHFJPYmicro	28-09-18	11:32-13:30			116.044	28-09-18 11:33	442.5092042	Other	NA	Electronic	116.044	116.071
CHFJPYmicro	28-09-18	13:32-15:30			116.082	28-09-18 13:35	221.2546021	Other	NA	Electronic	116.082	116.109
CHFJPYmicro	28-09-18	15:32-17:30			116.343	28-09-18 16:14	88.50184084	Other	NA	Electronic	116.315	116.343
CHFJPYmini	10-09-18	11:32-13:30			114.081	10-09-18 12:00	2124.04418	Other	NA	Electronic	114.081	114.112
CHFJPYmini	13-09-18	13:32-15:30			115.589	13-09-18 15:00	2124.04418	Other	NA	Electronic	115.56	115.588
CHFJPYmini	17-09-18	09:32-11:30			116.283	17-09-18 11:27	2124.04418	Other	NA	Electronic	116.255	116.283
CHFSGD	02-07-18	15:32-17:30			1.37917	02-07-18 16:17	4425.092042	Other	NA	Electronic	1.37684	1.37917
CHFSGD	06-07-18	11:32-13:30			1.36743	06-07-18 12:29	4425.092042	Other	NA	Electronic	1.36741	1.37163
CHFSGD	09-07-18	13:32-15:30			1.36919	09-07-18 15:17	4425.092042	Other	NA	Electronic	1.36685	1.3692
CHFSGD	10-07-18	11:30-11:32	1.36448	3540.073634								
CHFSGD	23-07-18	11:32-13:30			1.37731	23-07-18 12:39	3540.073634	Other	NA	Electronic	1.37496	1.37729
CHFSGD	23-07-18	13:32-15:30			1.37806	23-07-18 14:03	885.0184084	Other	NA	Electronic	1.37554	1.3784

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGD	24-07-18	13:32-15:30			1.37353	24-07-18 14:01	885.0184084	Other	NA	Electronic	1.37118	1.37351
CHFSGD	30-07-18	15:32-17:30			1.3748	30-07-18 16:07	13275.27613	Other	NA	Electronic	1.3748	1.37711
CHFSGD	01-08-18	11:32-13:30			1.37509	01-08-18 12:16	4425.092042	Other	NA	Electronic	1.37278	1.37509
CHFSGD	02-08-18	09:32-11:30			1.37658	02-08-18 09:49	2655.055225	Other	NA	Electronic	1.37424	1.37658
CHFSGD	09-08-18	15:32-17:30			1.37626	09-08-18 15:37	885.0184084	Other	NA	Electronic	1.37626	1.37859
CHFSGD	14-08-18	15:32-17:30			1.3876	14-08-18 17:06	2655.055225	Other	NA	Electronic	1.38521	1.3876
CHFSGD	15-08-18	09:32-11:30			1.38446	15-08-18 09:40	6195.128859	Other	NA	Electronic	1.38215	1.38446
CHFSGD	21-08-18	09:32-11:30			1.38546	21-08-18 10:36	885.0184084	Other	NA	Electronic	1.38294	1.38585
CHFSGD	23-08-18	11:32-13:30			1.39264	23-08-18 12:17	885.0184084	Other	NA	Electronic	1.39264	1.39496
CHFSGD	31-08-18	11:32-13:30			1.4135	31-08-18 13:20	885.0184084	Other	NA	Electronic	1.41351	1.41585
CHFSGD	04-09-18	13:32-15:30			1.41009	04-09-18 13:59	1770.036817	Other	NA	Electronic	1.41009	1.41328
CHFSGD	10-09-18	13:32-15:30			1.41509	10-09-18 13:55	885.0184084	Other	NA	Electronic	1.41489	1.4177
CHFSGD	11-09-18	09:32-11:30			1.41602	11-09-18 11:25	17700.36817	Other	NA	Electronic	1.41367	1.41602
CHFSGD	11-09-18	11:32-13:30			1.41266	11-09-18 12:22	17700.36817	Other	NA	Electronic	1.41267	1.415
CHFSGD	13-09-18	15:32-17:30			1.41919	13-09-18 17:29	2655.055225	Other	NA	Electronic	1.41679	1.41919



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGD	17-09-18	11:32-13:30			1.42494	17-09-18 12:05	885.0184084	Other	NA	Electronic	1.42494	1.4273
CHFSGD	18-09-18	11:32-13:30			1.4262	18-09-18 12:30	885.0184084	Other	NA	Electronic	1.42384	1.4262
CHFSGD	20-09-18	15:32-17:30			1.42247	20-09-18 16:52	885.0184084	Other	NA	Electronic	1.4201	1.42247
CHFSGD	21-09-18	11:32-13:30			1.42649	21-09-18 11:43	885.0184084	Other	NA	Electronic	1.42649	1.42883
CHFSGD	24-09-18	13:32-15:30			1.4184	24-09-18 15:25	2655.055225	Other	NA	Electronic	1.4184	1.42076
CHFSGD.	10-07-18	09:32-11:30			1.36462	10-07-18 10:58	885.0184084	Other	NA	Electronic	1.36378	1.36477
CHFSGD.	16-07-18	13:32-15:30			1.36385	16-07-18 13:39	885.0184084	Other	NA	Electronic	1.36385	1.36451
CHFSGD.	20-07-18	11:32-13:30			1.37133	20-07-18 12:03	1770.036817	Other	NA	Electronic	1.37133	1.372
CHFSGD.	31-07-18	13:32-15:30			1.37712	31-07-18 14:55	885.0184084	Other	NA	Electronic	1.3765	1.37712
CHFSGD.	01-08-18	09:32-11:30			1.37313	01-08-18 10:32	885.0184084	Other	NA	Electronic	1.37247	1.37313
CHFSGD.	20-08-18	09:32-11:30			1.3763	20-08-18 09:49	885.0184084	Other	NA	Electronic	1.3763	1.37696
CHFSGD.	20-08-18	11:32-13:30			1.38025	20-08-18 13:23	885.0184084	Other	NA	Electronic	1.37958	1.38025
CHFSGD.	21-09-18	13:32-15:30			1.4256	21-09-18 13:50	885.0184084	Other	NA	Electronic	1.4256	1.42629
CHFSGDmicro	02-07-18	09:32-11:30			1.3759	02-07-18 09:45	362.8575474	Other	NA	Electronic	1.3759	1.37822
CHFSGDmicro	02-07-18	11:32-13:30			1.37564	02-07-18 11:41	88.50184084	Other	NA	Electronic	1.37564	1.37796

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	02-07-18	15:32-17:30			1.37715	02-07-18 15:37	2655.055225	Other	NA	Electronic	1.37715	1.37949
CHFSGDmicro	03-07-18	09:32-11:30			1.3745	03-07-18 09:38	885.0184084	Other	NA	Electronic	1.3745	1.37681
CHFSGDmicro	03-07-18	11:32-13:30			1.37694	03-07-18 12:13	1327.527613	Other	NA	Electronic	1.37461	1.37694
CHFSGDmicro	03-07-18	13:30-13:32	1.37448	885.0184084								
CHFSGDmicro	05-07-18	13:32-15:30			1.37513	05-07-18 13:45	88.50184084	Other	NA	Electronic	1.3728	1.37513
CHFSGDmicro	05-07-18	15:32-17:30			1.37374	05-07-18 16:00	4425.092042	Other	NA	Electronic	1.37374	1.3761
CHFSGDmicro	06-07-18	11:32-13:30			1.36986	06-07-18 12:23	10416.66667	Other	NA	Electronic	1.36986	1.37221
CHFSGDmicro	06-07-18	13:32-15:30			1.37173	06-07-18 14:30	88.50184084	Other	NA	Electronic	1.37173	1.37406
CHFSGDmicro	09-07-18	09:32-11:30			1.37233	09-07-18 09:57	8938.685925	Other	NA	Electronic	1.36998	1.37233
CHFSGDmicro	09-07-18	13:32-15:30			1.36825	09-07-18 13:56	88.50184084	Other	NA	Electronic	1.36825	1.3706
CHFSGDmicro	10-07-18	09:32-11:30			1.36438	10-07-18 09:34	88.50184084	Other	NA	Electronic	1.36438	1.36671
CHFSGDmicro	10-07-18	11:32-13:30			1.36299	10-07-18 13:28	354.0073634	Other	NA	Electronic	1.36299	1.3653
CHFSGDmicro	12-07-18	11:32-13:30			1.36414	12-07-18 13:18	115.0523931	Other	NA	Electronic	1.3618	1.36414
CHFSGDmicro	12-07-18	13:32-15:30			1.36259	12-07-18 13:32	265.5055225	Other	NA	Electronic	1.36031	1.36259
CHFSGDmicro	12-07-18	15:32-17:30			1.36149	12-07-18 15:58	44.25092042	Other	NA	Electronic	1.35919	1.36149

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	16-07-18	09:32-11:30			1.36392	16-07-18 10:41	88.50184084	Other	NA	Electronic	1.36144	1.36405
CHFSGDmicro	16-07-18	11:32-13:30			1.36322	16-07-18 11:46	88.50184084	Other	NA	Electronic	1.36322	1.36555
CHFSGDmicro	16-07-18	13:32-15:30			1.36428	16-07-18 14:09	88.50184084	Other	NA	Electronic	1.3643	1.3666
CHFSGDmicro	16-07-18	15:32-17:30			1.36657	16-07-18 16:47	2876.309827	Other	NA	Electronic	1.36425	1.36657
CHFSGDmicro	17-07-18	09:32-11:30			1.36748	17-07-18 11:06	88.50184084	Other	NA	Electronic	1.36748	1.3698
CHFSGDmicro	17-07-18	11:32-13:30			1.36986	17-07-18 12:22	88.50184084	Other	NA	Electronic	1.36752	1.36986
CHFSGDmicro	17-07-18	13:32-15:30			1.36636	17-07-18 14:13	88.50184084	Other	NA	Electronic	1.36636	1.36868
CHFSGDmicro	17-07-18	15:30-15:32	1.36689	88.50184084								
CHFSGDmicro	18-07-18	09:32-11:30			1.36618	18-07-18 09:54	88.50184084	Other	NA	Electronic	1.36618	1.36851
CHFSGDmicro	18-07-18	15:32-17:30			1.36491	18-07-18 16:15	8850.184084	Other	NA	Electronic	1.36474	1.36745
CHFSGDmicro	19-07-18	15:32-17:30			1.36977	19-07-18 15:35	88.50184084	Other	NA	Electronic	1.36977	1.37208
CHFSGDmicro	23-07-18	11:32-13:30			1.37509	23-07-18 12:45	708.0147267	Other	NA	Electronic	1.37509	1.37743
CHFSGDmicro	23-07-18	15:32-17:30			1.37627	23-07-18 17:17	88.50184084	Other	NA	Electronic	1.37386	1.37628
CHFSGDmicro	24-07-18	15:32-17:30			1.37112	24-07-18 16:55	88.50184084	Other	NA	Electronic	1.37112	1.37345
CHFSGDmicro	25-07-18	15:32-17:30			1.37215	25-07-18 15:41	88.50184084	Other	NA	Electronic	1.36979	1.37213

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	27-07-18	09:30-09:32	1.36813	442.5092042								
CHFSGDmicro	27-07-18	11:32-13:30			1.36903	27-07-18 12:26	88.50184084	Other	NA	Electronic	1.36669	1.36903
CHFSGDmicro	27-07-18	15:32-17:30			1.37161	27-07-18 16:58	88.50184084	Other	NA	Electronic	1.36928	1.37161
CHFSGDmicro	30-07-18	11:32-13:30			1.37161	30-07-18 12:41	88.50184084	Other	NA	Electronic	1.37161	1.37393
CHFSGDmicro	30-07-18	15:32-17:30			1.37759	30-07-18 16:04	354.0073634	Other	NA	Electronic	1.37525	1.37759
CHFSGDmicro	31-07-18	09:32-11:30			1.37691	31-07-18 10:30	88.50184084	Other	NA	Electronic	1.37691	1.37925
CHFSGDmicro	31-07-18	13:32-15:30			1.37423	31-07-18 15:05	442.5092042	Other	NA	Electronic	1.37423	1.37655
CHFSGDmicro	01-08-18	09:32-11:30			1.37156	01-08-18 09:32	88.50184084	Other	NA	Electronic	1.37156	1.37388
CHFSGDmicro	01-08-18	11:32-13:30			1.3729	01-08-18 12:16	8850.184084	Other	NA	Electronic	1.3729	1.37522
CHFSGDmicro	01-08-18	13:32-15:30			1.37097	01-08-18 13:37	123.9025772	Other	NA	Electronic	1.37097	1.37329
CHFSGDmicro	01-08-18	15:32-17:30			1.37407	01-08-18 16:14	88.50184084	Other	NA	Electronic	1.37174	1.37407
CHFSGDmicro	02-08-18	11:32-13:30			1.37276	02-08-18 12:05	88.50184084	Other	NA	Electronic	1.37276	1.37511
CHFSGDmicro	02-08-18	13:32-15:30			1.37301	02-08-18 14:52	88.50184084	Other	NA	Electronic	1.37301	1.37532
CHFSGDmicro	03-08-18	11:32-13:30			1.37311	03-08-18 12:25	88.50184084	Other	NA	Electronic	1.37311	1.37545
CHFSGDmicro	06-08-18	09:32-11:30			1.37376	06-08-18 10:09	442.5092042	Other	NA	Electronic	1.37144	1.37376

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	07-08-18	13:32-15:30			1.37205	07-08-18 14:49	88.50184084	Other	NA	Electronic	1.36977	1.37205
CHFSGDmicro	08-08-18	11:32-13:30			1.37068	08-08-18 13:25	88.50184084	Other	NA	Electronic	1.36834	1.37067
CHFSGDmicro	08-08-18	15:32-17:30			1.37063	08-08-18 15:38	885.0184084	Other	NA	Electronic	1.37063	1.37296
CHFSGDmicro	09-08-18	15:32-17:30			1.37659	09-08-18 15:57	44.25092042	Other	NA	Electronic	1.37659	1.3789
CHFSGDmicro	10-08-18	09:32-11:30			1.37836	10-08-18 10:25	88.50184084	Other	NA	Electronic	1.37603	1.37836
CHFSGDmicro	10-08-18	11:32-13:30			1.37807	10-08-18 12:48	61.95128859	Other	NA	Electronic	1.37807	1.38046
CHFSGDmicro	10-08-18	15:32-17:30			1.37969	10-08-18 15:38	885.0184084	Other	NA	Electronic	1.37737	1.37969
CHFSGDmicro	13-08-18	11:32-13:30			1.38115	13-08-18 13:10	885.0184084	Other	NA	Electronic	1.38115	1.38349
CHFSGDmicro	13-08-18	15:32-17:30			1.38408	13-08-18 16:14	885.0184084	Other	NA	Electronic	1.38408	1.38641
CHFSGDmicro	14-08-18	09:32-11:30			1.38795	14-08-18 10:52	44.25092042	Other	NA	Electronic	1.3856	1.38795
CHFSGDmicro	15-08-18	11:32-13:30			1.3855	15-08-18 11:54	88.50184084	Other	NA	Electronic	1.38317	1.3855
CHFSGDmicro	15-08-18	13:32-15:30			1.38874	15-08-18 14:10	442.5092042	Other	NA	Electronic	1.38609	1.38895
CHFSGDmicro	17-08-18	09:32-11:30			1.37736	17-08-18 10:38	8.850184084	Other	NA	Electronic	1.37736	1.37968
CHFSGDmicro	20-08-18	13:32-15:30			1.37889	20-08-18 14:23	442.5092042	Other	NA	Electronic	1.37889	1.38121
CHFSGDmicro	21-08-18	11:32-13:30			1.38269	21-08-18 12:10	1770.036817	Other	NA	Electronic	1.38269	1.385

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	21-08-18	15:32-17:30			1.38327	21-08-18 16:02	885.0184084	Other	NA	Electronic	1.38327	1.38561
CHFSGDmicro	28-08-18	11:32-13:30			1.39466	28-08-18 12:22	88.50184084	Other	NA	Electronic	1.39466	1.39702
CHFSGDmicro	28-08-18	15:32-17:30			1.39846	28-08-18 16:46	8.850184084	Other	NA	Electronic	1.39612	1.39846
CHFSGDmicro	29-08-18	11:32-13:30			1.39944	29-08-18 12:20	451.3593883	Other	NA	Electronic	1.39949	1.4018
CHFSGDmicro	29-08-18	13:32-15:30			1.40527	29-08-18 13:39	2212.546021	Other	NA	Electronic	1.40295	1.40527
CHFSGDmicro	31-08-18	13:32-15:30			1.41769	31-08-18 15:01	88.50184084	Other	NA	Electronic	1.41535	1.41769
CHFSGDmicro	31-08-18	15:30-15:32	1.41339	88.50184084								
CHFSGDmicro	03-09-18	09:32-11:30			1.41455	03-09-18 10:03	88.50184084	Other	NA	Electronic	1.41218	1.41455
CHFSGDmicro	03-09-18	11:32-13:30			1.41267	03-09-18 12:32	442.5092042	Other	NA	Electronic	1.41267	1.41501
CHFSGDmicro	04-09-18	13:32-15:30			1.41108	04-09-18 14:06	442.5092042	Other	NA	Electronic	1.41107	1.41341
CHFSGDmicro	04-09-18	15:32-17:30			1.40961	04-09-18 16:10	88.50184084	Other	NA	Electronic	1.40961	1.41192
CHFSGDmicro	05-09-18	09:32-11:30			1.41464	05-09-18 10:38	88.50184084	Other	NA	Electronic	1.41464	1.417
CHFSGDmicro	06-09-18	09:32-11:30			1.41769	06-09-18 10:46	88.50184084	Other	NA	Electronic	1.41769	1.42004
CHFSGDmicro	06-09-18	11:32-13:30			1.41842	06-09-18 12:52	88.50184084	Other	NA	Electronic	1.4184	1.42076
CHFSGDmicro	06-09-18	15:32-17:30			1.42221	06-09-18 17:02	132.7527613	Other	NA	Electronic	1.42221	1.42457

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	07-09-18	11:32-13:30			1.42492	07-09-18 13:23	88.50184084	Other	NA	Electronic	1.42234	1.4251
CHFSGDmicro	07-09-18	13:32-15:30			1.42425	07-09-18 13:58	88.50184084	Other	NA	Electronic	1.42425	1.42659
CHFSGDmicro	10-09-18	09:32-11:30			1.41479	10-09-18 11:29	123.9025772	Other	NA	Electronic	1.41479	1.41714
CHFSGDmicro	10-09-18	11:32-13:30			1.41794	10-09-18 11:52	123.9025772	Other	NA	Electronic	1.41557	1.41794
CHFSGDmicro	13-09-18	13:32-15:30			1.41587	13-09-18 13:41	88.50184084	Other	NA	Electronic	1.41354	1.41587
CHFSGDmicro	13-09-18	15:32-17:30			1.4178	13-09-18 16:57	132.7527613	Other	NA	Electronic	1.41547	1.4178
CHFSGDmicro	17-09-18	11:32-13:30			1.42398	17-09-18 12:00	4425.092042	Other	NA	Electronic	1.42398	1.42632
CHFSGDmicro	18-09-18	09:32-11:30			1.42414	18-09-18 10:01	177.0036817	Other	NA	Electronic	1.42414	1.42649
CHFSGDmicro	18-09-18	13:30-13:32	1.42479	1770.036817								
CHFSGDmicro	18-09-18	15:32-17:30			1.42615	18-09-18 15:41	177.0036817	Other	NA	Electronic	1.4238	1.42615
CHFSGDmicro	19-09-18	09:32-11:30			1.41614	19-09-18 10:01	885.0184084	Other	NA	Electronic	1.41614	1.4185
CHFSGDmicro	19-09-18	11:32-13:30			1.41556	19-09-18 12:41	885.0184084	Other	NA	Electronic	1.41322	1.41556
CHFSGDmicro	19-09-18	13:32-15:30			1.41555	19-09-18 13:52	177.0036817	Other	NA	Electronic	1.41321	1.41555
CHFSGDmicro	19-09-18	15:32-17:30			1.4182	19-09-18 17:04	177.0036817	Other	NA	Electronic	1.41539	1.4182
CHFSGDmicro	20-09-18	09:32-11:30			1.41472	20-09-18 10:10	265.5055225	Other	NA	Electronic	1.41472	1.41707

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHFSGDmicro	20-09-18	11:32-13:30			1.42017	20-09-18 11:58	88.50184084	Other	NA	Electronic	1.41775	1.42005
CHFSGDmicro	20-09-18	13:32-15:30			1.42048	20-09-18 14:01	88.50184084	Other	NA	Electronic	1.42048	1.42285
CHFSGDmicro	21-09-18	09:32-11:30			1.42808	21-09-18 10:11	885.0184084	Other	NA	Electronic	1.42573	1.42808
CHFSGDmicro	21-09-18	11:32-13:30			1.42619	21-09-18 11:42	177.0036817	Other	NA	Electronic	1.42619	1.42854
CHFSGDmicro	25-09-18	09:32-11:30			1.41459	25-09-18 11:15	265.5055225	Other	NA	Electronic	1.41221	1.41459
CHFSGDmicro	26-09-18	09:32-11:30			1.41291	26-09-18 10:04	885.0184084	Other	NA	Electronic	1.41057	1.41291
CHFSGDmicro	26-09-18	11:32-13:30			1.40735	26-09-18 12:27	885.0184084	Other	NA	Electronic	1.40735	1.40971
CHFSGDmicro	26-09-18	15:32-17:30			1.41074	26-09-18 16:48	44.25092042	Other	NA	Electronic	1.41074	1.41309
CHFSGDmicro	27-09-18	11:32-13:30			1.40619	27-09-18 12:09	88.50184084	Other	NA	Electronic	1.40384	1.40619
CHFSGDmicro	27-09-18	13:32-15:30			1.40116	27-09-18 13:40	17.70036817	Other	NA	Electronic	1.40116	1.4035
CHFSGDmicro	27-09-18	15:32-17:30			1.39994	27-09-18 16:18	88.50184084	Other	NA	Electronic	1.39764	1.39994
CHI50-AUG18	07-08-18	11:32-13:30			11,370.00	07-08-18 12:03	970.9788057	Other	NA	Electronic	11,348.00	11,370.00
CHI50Cash	02-07-18	09:32-11:30			11,024.00	02-07-18 10:34	969.4837745	Other	NA	Electronic	11,004.00	11,024.00
CHI50Cash	02-07-18	11:32-13:30			11,024.00	02-07-18 11:47	10169.73001	Other	NA	Electronic	11,004.00	11,024.00
CHI50Cash	02-07-18	13:32-15:30			11,029.00	02-07-18 13:50	1025.767303	Other	NA	Electronic	11,009.00	11,029.00



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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CHI50Cash	02-07-18	15:32-17:30			11,017.00	02-07-18 16:13	968.8681734	Other	NA	Electronic	11,017.00	11,039.00
CHI50Cash	03-07-18	09:32-11:30			11,091.00	03-07-18 09:35	969.4837745	Other	NA	Electronic	11,091.00	11,111.00
CHI50Cash	03-07-18	11:32-13:30			11,181.00	03-07-18 11:44	9832.908275	Other	NA	Electronic	11,161.00	11,181.00
CHI50Cash	03-07-18	13:32-15:30			11,121.00	03-07-18 13:36	4890.071234	Other	NA	Electronic	11,101.00	11,121.00
CHI50Cash	04-07-18	09:32-11:30			11,007.00	04-07-18 10:08	9679.887433	Other	NA	Electronic	10,987.00	11,007.00
CHI50Cash	04-07-18	11:32-13:30			10,977.00	04-07-18 12:58	4826.752265	Other	NA	Electronic	10,977.00	10,999.00
CHI50Cash	04-07-18	13:32-15:30			10,977.00	04-07-18 13:50	9653.504529	Other	NA	Electronic	10,957.00	10,977.00
CHI50Cash	04-07-18	15:32-17:30			10,981.00	04-07-18 16:49	9657.02225	Other	NA	Electronic	10,959.00	10,981.00
CHI50Cash	05-07-18	09:32-11:30			11,082.00	05-07-18 09:50	963.1518776	Other	NA	Electronic	11,062.00	11,082.00
CHI50Cash	05-07-18	13:32-15:30			11,049.00	05-07-18 13:33	7773.458799	Other	NA	Electronic	11,049.00	11,069.00
CHI50Cash	06-07-18	09:32-11:30			11,098.00	06-07-18 09:56	9806.525372	Other	NA	Electronic	11,078.00	11,098.00
CHI50Cash	06-07-18	13:32-15:30			11,188.00	06-07-18 15:08	2900.536452	Other	NA	Electronic	11,166.00	11,188.00
CHI50Cash	06-07-18	15:32-17:30			11,178.00	06-07-18 16:19	9653.504529	Other	NA	Electronic	11,178.00	11,198.00
CHI50Cash	09-07-18	09:32-11:30			11,467.00	09-07-18 09:58	1008.442529	Other	NA	Electronic	11,467.00	11,489.00
CHI50Cash	09-07-18	11:32-13:30			11,489.00	09-07-18 12:33	5051.886378	Other	NA	Electronic	11,469.00	11,489.00

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CHI50Cash	09-07-18	13:32-15:30			11,467.00	09-07-18 14:23	10084.42529	Other	NA	Electronic	11,467.00	11,487.00
CHI50Cash	09-07-18	15:30-15:32	11,499.00	1003.341834								
CHI50Cash	10-07-18	09:32-11:30			11,449.00	10-07-18 10:22	981.0922522	Other	NA	Electronic	11,449.00	11,469.00
CHI50Cash	10-07-18	13:32-15:30			11,479.00	10-07-18 13:40	1008.442529	Other	NA	Electronic	11,459.00	11,479.00
CHI50Cash	11-07-18	13:32-15:30			11,294.00	11-07-18 14:51	1986.456776	Other	NA	Electronic	11,294.00	11,316.00
CHI50Cash	11-07-18	15:32-17:30			11,302.00	11-07-18 16:16	993.9319321	Other	NA	Electronic	11,282.00	11,302.00
CHI50Cash	12-07-18	09:32-11:30			11,521.00	12-07-18 10:43	9908.539267	Other	NA	Electronic	11,501.00	11,521.00
CHI50Cash	13-07-18	09:32-11:30			11,461.00	13-07-18 11:19	2023.216955	Other	NA	Electronic	11,441.00	11,461.00
CHI50Cash	16-07-18	09:32-11:30			11,382.00	16-07-18 11:07	5073.432416	Other	NA	Electronic	11,382.00	11,402.00
CHI50Cash	16-07-18	11:32-13:30			11,397.00	16-07-18 12:18	1002.286518	Other	NA	Electronic	11,377.00	11,397.00
CHI50Cash	16-07-18	13:32-15:30			11,374.00	16-07-18 15:21	10018.46803	Other	NA	Electronic	11,354.00	11,374.00
CHI50Cash	16-07-18	15:32-17:30			11,366.00	16-07-18 16:14	9995.602849	Other	NA	Electronic	11,344.00	11,366.00
CHI50Cash	17-07-18	09:32-11:30			11,284.00	17-07-18 09:42	9870.723771	Other	NA	Electronic	11,284.00	11,304.00
CHI50Cash	17-07-18	11:32-13:30			11,264.00	17-07-18 12:35	990.5900976	Other	NA	Electronic	11,264.00	11,284.00
CHI50Cash	17-07-18	13:32-15:30			11,274.00	17-07-18 14:10	9914.695277	Other	NA	Electronic	11,252.00	11,274.00

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CHI50Cash	17-07-18	15:32-17:30			11,329.00	17-07-18 16:30	9963.063935	Other	NA	Electronic	11,309.00	11,329.00
CHI50Cash	18-07-18	09:32-11:30			11,233.00	18-07-18 09:33	990.5900976	Other	NA	Electronic	11,213.00	11,233.00
CHI50Cash	18-07-18	11:32-13:30			11,151.00	18-07-18 12:13	980.6525372	Other	NA	Electronic	11,151.00	11,171.00
CHI50Cash	19-07-18	09:32-11:30			11,221.00	19-07-18 10:19	1973.617096	Other	NA	Electronic	11,221.00	11,241.00
CHI50Cash	19-07-18	11:32-13:30			11,213.00	19-07-18 12:11	3944.420016	Other	NA	Electronic	11,213.00	11,233.00
CHI50Cash	19-07-18	15:32-17:30			11,233.00	19-07-18 17:22	987.8638642	Other	NA	Electronic	11,213.00	11,233.00
CHI50Cash	20-07-18	09:32-11:30			11,518.00	20-07-18 10:25	10146.86483	Other	NA	Electronic	11,498.00	11,518.00
CHI50Cash	20-07-18	11:30-11:32	11,479.50	20287.57365								
CHI50Cash	20-07-18	13:32-15:30			11,556.00	20-07-18 14:38	1011.168763	Other	NA	Electronic	11,536.00	11,556.00
CHI50Cash	20-07-18	15:32-17:30			11,551.00	20-07-18 15:46	10242.72272	Other	NA	Electronic	11,551.00	11,571.00
CHI50Cash	23-07-18	11:32-13:30			11,669.00	23-07-18 13:23	1026.207018	Other	NA	Electronic	11,669.00	11,689.00
CHI50Cash	24-07-18	09:32-11:30			11,924.00	24-07-18 10:24	2091.108961	Other	NA	Electronic	11,924.00	11,944.00
CHI50Cash	24-07-18	13:32-15:30			11,997.00	24-07-18 14:05	1055.052326	Other	NA	Electronic	11,977.00	11,997.00
CHI50Cash	24-07-18	15:32-17:30			11,994.00	24-07-18 16:24	10121.36136	Other	NA	Electronic	11,974.00	11,994.00
CHI50Cash	25-07-18	13:32-15:30			11,839.00	25-07-18 13:38	1041.15733	Other	NA	Electronic	11,839.00	11,859.00

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CHI50Cash	25-07-18	15:32-17:30			11,839.00	25-07-18 17:26	1040.717615	Other	NA	Electronic	11,839.00	11,859.00
CHI50Cash	26-07-18	11:32-13:30			11,707.00	26-07-18 13:27	10295.48852	Other	NA	Electronic	11,707.00	11,727.00
CHI50Cash	26-07-18	13:32-15:30			11,749.00	26-07-18 14:04	1033.242459	Other	NA	Electronic	11,729.00	11,749.00
CHI50Cash	27-07-18	15:32-17:30			11,679.00	27-07-18 17:05	10270.86448	Other	NA	Electronic	11,657.00	11,679.00
CHI50Cash	30-07-18	13:32-15:30			11,749.00	30-07-18 15:29	3099.727377	Other	NA	Electronic	11,749.00	11,771.00
CHI50Cash	30-07-18	15:32-17:30			11,732.00	30-07-18 17:28	1031.747428	Other	NA	Electronic	11,732.00	11,752.00
CHI50Cash	31-07-18	09:30-09:32	11,727.00	10313.07713								
CHI50Cash	31-07-18	11:32-13:30			11,709.00	31-07-18 13:02	1031.483599	Other	NA	Electronic	11,689.00	11,709.00
CHI50Cash	31-07-18	13:32-15:30			11,742.00	31-07-18 13:32	20603.28907	Other	NA	Electronic	11,742.00	11,762.00
CHI50Cash	01-08-18	09:30-09:32	11,404.00	3008.706358								
CHI50Cash	01-08-18	11:32-13:30			11,457.00	01-08-18 12:16	3008.706358	Other	NA	Electronic	11,437.00	11,457.00
CHI50Cash	01-08-18	13:32-15:30			11,462.00	01-08-18 14:43	1008.002814	Other	NA	Electronic	11,442.00	11,462.00
CHI50Cash	01-08-18	15:32-17:30			11,387.00	01-08-18 16:57	1008.002814	Other	NA	Electronic	11,387.00	11,407.00
CHI50Cash	02-08-18	11:32-13:30			11,082.00	02-08-18 11:45	2923.753408	Other	NA	Electronic	11,082.00	11,102.00
CHI50Cash	02-08-18	13:32-15:30			11,152.00	02-08-18 13:52	2923.753408	Other	NA	Electronic	11,132.00	11,152.00

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CHI50Cash	02-08-18	15:32-17:30			11,172.00	02-08-18 15:54	982.4993404	Other	NA	Electronic	11,152.00	11,172.00
CHI50Cash	03-08-18	11:32-13:30			11,082.00	03-08-18 12:55	974.5844693	Other	NA	Electronic	11,082.00	11,102.00
CHI50Cash	03-08-18	13:32-15:30			11,124.00	03-08-18 13:58	978.2780758	Other	NA	Electronic	11,104.00	11,124.00
CHI50Cash	03-08-18	15:32-17:30			11,124.00	03-08-18 16:02	9782.780758	Other	NA	Electronic	11,104.00	11,124.00
CHI50Cash	07-08-18	09:30-09:32	11,347.00	4989.446838								
CHI50Cash	07-08-18	11:32-13:30			11,362.00	07-08-18 13:14	9992.085129	Other	NA	Electronic	11,362.00	11,382.00
CHI50Cash	07-08-18	13:32-15:30			11,399.00	07-08-18 13:35	4925.688154	Other	NA	Electronic	11,377.00	11,399.00
CHI50Cash	07-08-18	15:32-17:30			11,429.00	07-08-18 16:56	10051.00695	Other	NA	Electronic	11,409.00	11,429.00
CHI50Cash	08-08-18	11:32-13:30			11,108.00	08-08-18 11:53	4884.354938	Other	NA	Electronic	11,108.00	11,128.00
CHI50Cash	08-08-18	13:32-15:30			11,095.00	08-08-18 14:05	975.7277284	Other	NA	Electronic	11,095.00	11,115.00
CHI50Cash	09-08-18	09:32-11:30			11,477.00	09-08-18 11:11	1009.321959	Other	NA	Electronic	11,455.00	11,477.00
CHI50Cash	10-08-18	09:32-11:30			11,399.00	10-08-18 09:55	2016.3574	Other	NA	Electronic	11,399.00	11,421.00
CHI50Cash	10-08-18	11:32-13:30			11,412.00	10-08-18 11:49	1009.321959	Other	NA	Electronic	11,412.00	11,432.00
CHI50Cash	10-08-18	13:32-15:30			11,389.00	10-08-18 14:22	5016.709172	Other	NA	Electronic	11,369.00	11,389.00
CHI50Cash	10-08-18	15:32-17:30			11,339.00	10-08-18 16:31	9971.858236	Other	NA	Electronic	11,339.00	11,359.00

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CHI50Cash	14-08-18	09:32-11:30			11,287.00	14-08-18 09:35	9926.127869	Other	NA	Electronic	11,267.00	11,287.00
CHI50Cash	15-08-18	09:32-11:30			10,899.00	15-08-18 10:05	2901.855598	Other	NA	Electronic	10,899.00	10,919.00
CHI50Cash	15-08-18	11:32-13:30			10,867.00	15-08-18 12:13	998.9446838	Other	NA	Electronic	10,867.00	10,887.00
CHI50Cash	15-08-18	13:32-15:30			10,852.00	15-08-18 13:47	10098.49617	Other	NA	Electronic	10,852.00	10,872.00
CHI50Cash	15-08-18	15:32-17:30			10,874.00	15-08-18 15:51	9562.923226	Other	NA	Electronic	10,854.00	10,874.00
CHI50Cash	17-08-18	09:32-11:30			10,844.00	17-08-18 11:12	962.4483335	Other	NA	Electronic	10,824.00	10,844.00
CHI50Cash	17-08-18	11:32-13:30			10,869.00	17-08-18 13:13	1911.705215	Other	NA	Electronic	10,849.00	10,869.00
CHI50Cash	17-08-18	15:32-17:30			10,939.00	17-08-18 15:34	19240.17237	Other	NA	Electronic	10,919.00	10,939.00
CHI50Cash	20-08-18	09:32-11:30			11,094.00	20-08-18 09:33	958.930613	Other	NA	Electronic	11,069.00	11,094.00
CHI50Cash	20-08-18	11:32-13:30			11,039.00	20-08-18 12:57	970.8029197	Other	NA	Electronic	11,039.00	11,059.00
CHI50Cash	20-08-18	13:32-15:30			11,047.00	20-08-18 14:47	971.5064638	Other	NA	Electronic	11,027.00	11,047.00
CHI50Cash	21-08-18	09:32-11:30			11,234.00	21-08-18 10:33	9712.426348	Other	NA	Electronic	11,234.00	11,254.00
CHI50Cash	21-08-18	11:32-13:30			11,224.00	21-08-18 11:37	9870.723771	Other	NA	Electronic	11,224.00	11,244.00
CHI50Cash	21-08-18	15:32-17:30			11,262.00	21-08-18 16:54	971.5064638	Other	NA	Electronic	11,262.00	11,282.00
CHI50Cash	22-08-18	11:32-13:30			11,234.00	22-08-18 12:26	11855.42169	Other	NA	Electronic	11,214.00	11,234.00

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CHI50Cash	24-08-18	11:32-13:30			11,330.00	24-08-18 13:03	9963.943365	Other	NA	Electronic	11,310.00	11,330.00
CHI50Cash	24-08-18	13:32-15:30			11,365.00	24-08-18 15:23	9963.943365	Other	NA	Electronic	11,365.00	11,385.00
CHI50Cash	24-08-18	15:32-17:30			11,355.00	24-08-18 15:44	9985.929118	Other	NA	Electronic	11,355.00	11,377.00
CHI50Cash	27-08-18	09:32-11:30			11,485.00	27-08-18 11:15	1010.025503	Other	NA	Electronic	11,485.00	11,505.00
CHI50Cash	27-08-18	11:32-13:30			11,527.00	27-08-18 12:13	1010.025503	Other	NA	Electronic	11,507.00	11,527.00
CHI50Cash	27-08-18	13:32-15:30			11,607.00	27-08-18 15:09	10207.54551	Other	NA	Electronic	11,587.00	11,607.00
CHI50Cash	27-08-18	15:32-17:30			11,565.00	27-08-18 15:47	2034.121889	Other	NA	Electronic	11,565.00	11,585.00
CHI50Cash	29-08-18	13:32-15:30			11,449.00	29-08-18 13:56	1011.696421	Other	NA	Electronic	11,429.00	11,449.00
CHI50Cash	29-08-18	15:32-17:30			11,479.00	29-08-18 15:43	1009.497845	Other	NA	Electronic	11,459.00	11,479.00
CHI50Cash	30-08-18	09:32-11:30			11,309.00	30-08-18 10:56	9945.475332	Other	NA	Electronic	11,289.00	11,309.00
CHI50Cash	31-08-18	09:32-11:30			11,227.00	31-08-18 11:22	987.3362061	Other	NA	Electronic	11,227.00	11,247.00
CHI50Cash	31-08-18	11:32-13:30			11,227.00	31-08-18 11:33	1000.527658	Other	NA	Electronic	11,227.00	11,247.00
CHI50Cash	31-08-18	13:32-15:30			11,262.00	31-08-18 13:56	987.3362061	Other	NA	Electronic	11,242.00	11,262.00
CHI50Cash	31-08-18	15:30-15:32	11,252.00	1982.587283								
CHI50Cash	03-09-18	09:32-11:30			11,239.00	03-09-18 09:44	2957.259696	Other	NA	Electronic	11,239.00	11,259.00

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CHI50Cash	03-09-18	15:32-17:30			11,292.00	03-09-18 15:32	9930.52502	Other	NA	Electronic	11,272.00	11,292.00
CHI50Cash	05-09-18	15:32-17:30			11,114.00	05-09-18 16:38	977.3986457	Other	NA	Electronic	11,114.00	11,134.00
CHI50Cash	06-09-18	11:32-13:30			11,071.00	06-09-18 11:38	9736.170961	Other	NA	Electronic	11,051.00	11,071.00
CHI50Cash	07-09-18	09:32-11:30			11,051.00	07-09-18 09:35	4871.603201	Other	NA	Electronic	11,031.00	11,051.00
CHI50Cash	07-09-18	11:32-13:30			11,006.00	07-09-18 12:44	4847.418873	Other	NA	Electronic	10,984.00	11,006.00
CHI50Cash	07-09-18	13:32-15:30			11,044.00	07-09-18 13:46	9712.426348	Other	NA	Electronic	11,024.00	11,044.00
CHI50Cash	11-09-18	09:32-11:30			10,749.00	11-09-18 10:01	9668.454841	Other	NA	Electronic	10,729.00	10,749.00
CHI50Cash	11-09-18	15:32-17:30			10,777.00	11-09-18 15:46	944.8597309	Other	NA	Electronic	10,777.00	10,797.00
CHI50Cash	12-09-18	09:32-11:30			10,844.00	12-09-18 11:15	9540.937473	Other	NA	Electronic	10,824.00	10,844.00
CHI50Cash	12-09-18	13:32-15:30			10,992.00	12-09-18 15:23	4833.347991	Other	NA	Electronic	10,969.00	10,989.00
CHI50Cash	13-09-18	11:32-13:30			11,087.00	13-09-18 12:35	9708.029197	Other	NA	Electronic	11,087.00	11,107.00
CHI50Cash	13-09-18	13:32-15:30			11,109.00	13-09-18 13:59	4833.347991	Other	NA	Electronic	11,109.00	11,129.00
CHI50Cash	13-09-18	15:32-17:30			11,099.00	13-09-18 16:50	1952.159001	Other	NA	Electronic	11,079.00	11,099.00
CHI50Cash	14-09-18	09:32-11:30			11,037.00	14-09-18 09:50	7765.016269	Other	NA	Electronic	11,037.00	11,057.00
CHI50Cash	14-09-18	11:32-13:30			11,054.00	14-09-18 11:52	972.1220649	Other	NA	Electronic	11,034.00	11,054.00



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
CHI50Cash	14-09-18	13:32-15:30			11,042.00	14-09-18 13:50	971.0667487	Other	NA	Electronic	11,022.00	11,042.00
CHI50Cash	17-09-18	09:32-11:30			10,966.00	17-09-18 10:13	964.3830798	Other	NA	Electronic	10,944.00	10,966.00
CHI50Cash	18-09-18	09:32-11:30			11,169.00	18-09-18 09:36	9839.943716	Other	NA	Electronic	11,169.00	11,189.00
CHI50Cash	18-09-18	13:32-15:30			11,237.00	18-09-18 15:14	2964.646909	Other	NA	Electronic	11,217.00	11,237.00
CHI50Cash	18-09-18	15:32-17:30			11,234.00	18-09-18 16:26	2964.646909	Other	NA	Electronic	11,234.00	11,254.00
CHI50Cash	20-09-18	09:32-11:30			11,381.00	20-09-18 09:58	1994.371647	Other	NA	Electronic	11,359.00	11,381.00
CHI50Cash	20-09-18	11:32-13:30			11,422.00	20-09-18 12:16	2001.934746	Other	NA	Electronic	11,402.00	11,422.00
CHI50Cash	21-09-18	11:32-13:30			11,749.00	21-09-18 12:53	2066.484918	Other	NA	Electronic	11,749.00	11,769.00
CHI50Cash	24-09-18	11:32-13:30			11,679.00	24-09-18 13:23	1027.350277	Other	NA	Electronic	11,659.00	11,679.00
CHI50Cash	24-09-18	13:32-15:30			11,676.00	24-09-18 13:57	2066.484918	Other	NA	Electronic	11,657.00	11,677.00
CHI50Cash	25-09-18	13:32-15:30			11,599.00	25-09-18 14:22	1020.051007	Other	NA	Electronic	11,599.00	11,621.00
CHI50Cash	26-09-18	13:32-15:30			11,812.00	26-09-18 13:54	1019.611292	Other	NA	Electronic	11,792.00	11,812.00
CHI50Cash	27-09-18	13:32-15:30			11,729.00	27-09-18 15:26	2062.967197	Other	NA	Electronic	11,729.00	11,749.00
CHI50Cash	27-09-18	15:32-17:30			11,769.00	27-09-18 16:38	2070.002638	Other	NA	Electronic	11,749.00	11,769.00
CHI50-JUL18	02-07-18	11:32-13:30			10,905.00	02-07-18 12:21	959.018556	Other	NA	Electronic	10,883.00	10,905.00

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CHI50-JUL18	02-07-18	13:32-15:30			10,953.00	02-07-18 14:32	959.106499	Other	NA	Electronic	10,931.00	10,953.00
CHI50-JUL18	06-07-18	13:32-15:30			11,100.00	06-07-18 15:00	976.1674435	Other	NA	Electronic	11,078.00	11,100.00
CHI50-JUL18	09-07-18	13:32-15:30			11,415.00	09-07-18 13:45	5019.347463	Other	NA	Electronic	11,393.00	11,415.00
CHI50-JUL18	10-07-18	13:32-15:30			11,397.00	10-07-18 14:17	2004.573037	Other	NA	Electronic	11,373.00	11,397.00
CHI50-JUL18	20-07-18	11:32-13:30			11,496.00	20-07-18 13:25	5019.347463	Other	NA	Electronic	11,496.00	11,520.00
CHI50-JUL18	20-07-18	13:32-15:30			11,523.00	20-07-18 13:33	10133.67338	Other	NA	Electronic	11,501.00	11,523.00
CHI50-OCT18	27-09-18	15:32-17:30			11,798.00	27-09-18 16:58	1037.551667	Other	NA	Electronic	11,798.00	11,822.00
Chubb	18-07-18	15:32-17:30			135.12	18-07-18 16:31	1188.285991	Other	NA	Electronic	134.98	135.12
Chubb	19-07-18	13:32-15:30			132.93	19-07-18 14:32	1188.285991	Other	NA	Electronic	132.93	133.11
Cigna	16-07-18	15:32-17:30			172.76	16-07-18 15:37	1519.303491	Other	NA	Electronic	172.76	173.21
Cigna	17-07-18	13:32-15:30			168.89	17-07-18 14:25	1519.303491	Other	NA	Electronic	168.64	168.89
Cisco	09-07-18	13:32-15:30			42.44	09-07-18 14:11	1119.690441	Other	NA	Electronic	42.44	42.5
Cisco	10-07-18	15:32-17:30			42.81	10-07-18 16:34	385.6301117	Other	NA	Electronic	42.81	42.87
Cisco	13-07-18	13:32-15:30			43.74	13-07-18 13:40	755.6063671	Other	NA	Electronic	43.67	43.74
Cisco	13-07-18	15:32-17:30			43.48	13-07-18 17:04	384.0471375	Other	NA	Electronic	43.48	43.54

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Cisco	17-07-18	13:32-15:30			42.21	17-07-18 14:24	371.2074576	Other	NA	Electronic	42.21	42.27
Cisco	17-07-18	15:32-17:30			42.28	17-07-18 15:35	371.8230587	Other	NA	Electronic	42.28	42.34
Cisco	19-07-18	13:32-15:30			42.68	19-07-18 13:50	3731.422039	Other	NA	Electronic	42.68	42.74
Cisco	20-07-18	13:32-15:30			42.19	20-07-18 13:46	1855.157858	Other	NA	Electronic	42.13	42.19
Cisco	24-07-18	13:32-15:30			42.82	24-07-18 14:35	3741.9752	Other	NA	Electronic	42.82	42.88
Cisco	25-07-18	13:32-15:30			42.63	25-07-18 14:42	374.9010641	Other	NA	Electronic	42.57	42.63
Cisco	25-07-18	15:32-17:30			42.81	25-07-18 15:45	374.9010641	Other	NA	Electronic	42.81	42.87
Cisco	26-07-18	15:32-17:30			43.53	26-07-18 17:03	382.8159353	Other	NA	Electronic	43.47	43.53
Cisco	30-07-18	13:32-15:30			42.25	30-07-18 13:44	382.8159353	Other	NA	Electronic	42.25	42.31
Cisco	01-08-18	13:32-15:30			42.17	01-08-18 13:40	390.3790344	Other	NA	Electronic	42.17	42.23
Cisco	07-08-18	13:32-15:30			43.62	07-08-18 13:54	767.2148448	Other	NA	Electronic	43.56	43.62
Cisco	08-08-18	13:32-15:30			43.48	08-08-18 14:29	382.3762202	Other	NA	Electronic	43.48	43.54
Cisco	09-08-18	13:32-15:30			44.04	09-08-18 14:06	382.3762202	Other	NA	Electronic	43.98	44.04
Cisco	15-08-18	13:32-15:30			43.45	15-08-18 13:54	385.7180547	Other	NA	Electronic	43.45	43.51
Cisco	16-08-18	13:32-15:30			45.42	16-08-18 13:40	385.3662826	Other	NA	Electronic	45.42	45.49

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Cisco	16-08-18	15:32-17:30			45.71	16-08-18 15:36	380.793246	Other	NA	Electronic	45.71	45.77
Cisco	22-08-18	13:32-15:30			46.03	22-08-18 13:55	2024.008443	Other	NA	Electronic	45.97	46.03
Cisco	22-08-18	15:32-17:30			46	22-08-18 16:46	4045.378595	Other	NA	Electronic	46	46.06
Cisco	23-08-18	13:32-15:30			46.15	23-08-18 14:05	3640.840735	Other	NA	Electronic	46.08	46.15
Cisco	10-09-18	15:32-17:30			47.01	10-09-18 17:24	413.4201038	Other	NA	Electronic	47.01	47.07
Cisco	11-09-18	13:32-15:30			46.55	11-09-18 13:40	409.0229531	Other	NA	Electronic	46.55	46.61
Citigroup	02-07-18	15:32-17:30			66.6	02-07-18 16:57	2342.801864	Other	NA	Electronic	66.53	66.6
Citigroup	03-07-18	13:32-15:30			66.97	03-07-18 13:41	2342.801864	Other	NA	Electronic	66.97	67.05
Citigroup	10-07-18	15:32-17:30			68.13	10-07-18 16:34	587.5472694	Other	NA	Electronic	68.13	68.2
Citigroup	11-07-18	13:32-15:30			68.22	11-07-18 14:21	1799.841703	Other	NA	Electronic	68.15	68.22
Citigroup	12-07-18	13:32-15:30			68.35	12-07-18 14:03	601.0904934	Other	NA	Electronic	68.27	68.35
Citigroup	13-07-18	13:32-15:30			66.96	13-07-18 13:44	673.37965	Other	NA	Electronic	66.96	67.04
Citigroup	16-07-18	13:32-15:30			68.49	16-07-18 13:40	3011.608478	Other	NA	Electronic	68.41	68.49
Citigroup	17-07-18	13:32-15:30			69.72	17-07-18 15:24	613.1386861	Other	NA	Electronic	69.72	69.79
Citigroup	18-07-18	13:32-15:30			69.92	18-07-18 14:23	624.6592208	Other	NA	Electronic	69.92	69.99

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Citigroup	18-07-18	15:30-15:32	69.85	614.2819453								
Citigroup	20-07-18	13:32-15:30			69.44	20-07-18 15:18	601.0904934	Other	NA	Electronic	69.44	69.51
Citigroup	23-07-18	13:32-15:30			69.81	23-07-18 13:40	614.2819453	Other	NA	Electronic	69.72	69.81
Citigroup	25-07-18	13:32-15:30			71.19	25-07-18 14:48	626.066309	Other	NA	Electronic	71.12	71.19
Citigroup	30-07-18	15:32-17:30			72.81	30-07-18 17:19	640.3130771	Other	NA	Electronic	72.73	72.81
Citigroup	31-07-18	13:32-15:30			72.06	31-07-18 13:41	640.3130771	Other	NA	Electronic	72.06	72.13
Citigroup	01-08-18	13:32-15:30			72.75	01-08-18 13:40	613.1386861	Other	NA	Electronic	72.66	72.75
Citigroup	09-08-18	13:32-15:30			72.62	09-08-18 14:46	638.6421599	Other	NA	Electronic	72.55	72.62
Citigroup	20-09-18	13:32-15:30			74.83	20-09-18 14:00	643.5669686	Other	NA	Electronic	74.83	74.9
Citigroup	24-09-18	13:32-15:30			73.34	24-09-18 15:18	644.9740568	Other	NA	Electronic	73.26	73.34
Citigroup	27-09-18	13:32-15:30			73.22	27-09-18 14:14	643.9187407	Other	NA	Electronic	73.14	73.22
Citigroup	28-09-18	13:32-15:30			71.85	28-09-18 13:40	643.9187407	Other	NA	Electronic	71.84	71.94
CME	11-07-18	13:32-15:30			165.33	11-07-18 14:58	2907.923665	Other	NA	Electronic	165.1	165.33
CME	20-07-18	13:32-15:30			169.09	20-07-18 15:23	1487.028406	Other	NA	Electronic	168.84	169.09
CNH Industrial	02-07-18	09:32-11:30			8.999	02-07-18 11:16	89.99	Other	NA	Electronic	8.974	8.999

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CNH Industrial	06-07-18	09:32-11:30			8.748	06-07-18 09:33	87.48	Other	NA	Electronic	8.748	8.773
CNH Industrial	09-07-18	09:32-11:30			8.764	09-07-18 10:05	175.28	Other	NA	Electronic	8.764	8.789
CNH Industrial	10-07-18	09:32-11:30			9.125	10-07-18 10:26	175.28	Other	NA	Electronic	9.098	9.125
CNH Industrial	11-07-18	11:32-13:30			8.78	11-07-18 12:54	87.65	Other	NA	Electronic	8.78	8.807
CNH Industrial	11-07-18	13:32-15:30			8.751	11-07-18 15:23	87.51	Other	NA	Electronic	8.728	8.751
CNH Industrial	16-07-18	13:30-13:32	8.915	178.3								
CNH Industrial	18-07-18	11:32-13:30			8.9	18-07-18 12:32	87.51	Other	NA	Electronic	8.9	8.929
CNH Industrial	26-07-18	13:32-15:30			9.708	26-07-18 13:32	970.8	Other	NA	Electronic	9.708	9.741
CNH Industrial	27-07-18	11:32-13:30			9.962	27-07-18 12:41	925.9	Other	NA	Electronic	9.962	9.989
CNH Industrial	09-08-18	09:32-11:30			10.216	09-08-18 11:29	102.16	Other	NA	Electronic	10.185	10.216
CNH Industrial	10-08-18	09:32-11:30			9.99	10-08-18 09:45	99.9	Other	NA	Electronic	9.99	10.021
CNH Industrial	14-08-18	09:32-11:30			10.161	14-08-18 10:31	99.9	Other	NA	Electronic	10.13	10.161
CNH Industrial	17-08-18	11:32-13:30			9.798	17-08-18 12:25	97.98	Other	NA	Electronic	9.798	9.823
CNH Industrial	17-08-18	13:32-15:30			10.151	17-08-18 14:15	97.98	Other	NA	Electronic	10.115	10.151
CNH Industrial	20-08-18	13:32-15:30			10.215	20-08-18 13:53	102.16	Other	NA	Electronic	10.215	10.241

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CNH Industrial	21-08-18	11:32-13:30			10.161	21-08-18 11:35	101.61	Other	NA	Electronic	10.13	10.161
CNH Industrial	23-08-18	11:32-13:30			10.005	23-08-18 12:16	100.05	Other	NA	Electronic	10.005	10.036
CNH Industrial	27-08-18	13:32-15:30			10.156	27-08-18 13:37	100.05	Other	NA	Electronic	10.125	10.156
CNH Industrial	05-09-18	11:32-13:30			10.055	05-09-18 13:16	100.55	Other	NA	Electronic	10.055	10.086
CNH Industrial	07-09-18	09:32-11:30			9.962	07-09-18 09:52	99.62	Other	NA	Electronic	9.962	9.987
CNH Industrial	07-09-18	13:32-15:30			10.016	07-09-18 14:12	99.62	Other	NA	Electronic	9.986	10.016
CNH Industrial	12-09-18	11:32-13:30			10.175	12-09-18 12:34	101.61	Other	NA	Electronic	10.175	10.206
CNH Industrial	21-09-18	11:32-13:30			10.686	21-09-18 12:57	320.58	Other	NA	Electronic	10.65	10.686
CNH Industrial	24-09-18	09:32-11:30			10.736	24-09-18 10:33	107.36	Other	NA	Electronic	10.705	10.736
CNH Industrial	26-09-18	11:32-13:30			10.525	26-09-18 13:28	421	Other	NA	Electronic	10.525	10.556
CNH Industrial	27-09-18	09:32-11:30			10.501	27-09-18 09:42	105.01	Other	NA	Electronic	10.47	10.501
CNH Industrial	28-09-18	11:32-13:30			10.33	28-09-18 11:33	107.36	Other	NA	Electronic	10.33	10.361
Cobham	21-09-18	13:32-15:30			1.185	21-09-18 14:03	26.30323075	Other	NA	Electronic	1.185	1.188
Coca-Cola	03-07-18	13:32-15:30			44.11	03-07-18 13:46	384.6627385	Other	NA	Electronic	44.11	44.17
Coca-Cola	05-07-18	13:32-15:30			44.34	05-07-18 13:43	384.9265676	Other	NA	Electronic	44.34	44.4

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Coca-Cola	05-07-18	15:32-17:30			44.49	05-07-18 16:09	391.2584645	Other	NA	Electronic	44.43	44.49
Coca-Cola	06-07-18	13:32-15:30			44.69	06-07-18 13:43	393.0173248	Other	NA	Electronic	44.63	44.69
Coca-Cola	06-07-18	15:32-17:30			44.75	06-07-18 17:06	384.5747955	Other	NA	Electronic	44.75	44.81
Coca-Cola	10-07-18	13:32-15:30			44.71	10-07-18 13:41	393.1932108	Other	NA	Electronic	44.65	44.71
Coca-Cola	10-07-18	15:32-17:30			44.76	10-07-18 15:41	393.6329259	Other	NA	Electronic	44.76	44.82
Coca-Cola	11-07-18	13:32-15:30			44.8	11-07-18 13:49	393.9846979	Other	NA	Electronic	44.8	44.86
Coca-Cola	11-07-18	15:32-17:30			44.71	11-07-18 16:02	391.2584645	Other	NA	Electronic	44.71	44.77
Coca-Cola	12-07-18	15:32-17:30			44.61	12-07-18 17:19	392.3137807	Other	NA	Electronic	44.61	44.67
Coca-Cola	17-07-18	15:32-17:30			45.3	17-07-18 17:02	1991.909243	Other	NA	Electronic	45.24	45.3
Coca-Cola	18-07-18	15:32-17:30			45.06	18-07-18 16:32	792.5424325	Other	NA	Electronic	45	45.06
Coca-Cola	20-07-18	13:32-15:30			44.96	20-07-18 13:40	391.7861226	Other	NA	Electronic	44.96	45.02
Coca-Cola	23-07-18	13:32-15:30			45.06	23-07-18 14:34	792.5424325	Other	NA	Electronic	45.06	45.12
Coca-Cola	25-07-18	13:32-15:30			46.31	25-07-18 15:12	1991.909243	Other	NA	Electronic	46.31	46.37
Coca-Cola	01-08-18	13:32-15:30			46.46	01-08-18 13:40	391.2584645	Other	NA	Electronic	46.4	46.46
Coca-Cola	09-08-18	13:32-15:30			46.27	09-08-18 15:17	811.8898953	Other	NA	Electronic	46.21	46.27



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Coca-Cola	13-08-18	13:32-15:30			45.97	13-08-18 13:40	1212.822091	Other	NA	Electronic	45.97	46.03
Coca-Cola	15-08-18	13:32-15:30			46.06	15-08-18 14:33	405.0655175	Other	NA	Electronic	46	46.06
Coca-Cola	16-08-18	13:32-15:30			46.22	16-08-18 15:23	812.9452115	Other	NA	Electronic	46.16	46.22
Coca-Cola	16-08-18	15:32-17:30			46.23	16-08-18 16:43	812.9452115	Other	NA	Electronic	46.23	46.29
Coca-Cola	20-08-18	13:32-15:30			46.71	20-08-18 13:40	410.7818134	Other	NA	Electronic	46.71	46.77
Coca-Cola	20-08-18	15:32-17:30			46.75	20-08-18 16:39	411.1335854	Other	NA	Electronic	46.69	46.75
Coca-Cola	21-08-18	15:32-17:30			46.34	21-08-18 16:24	407.5279219	Other	NA	Electronic	46.34	46.4
Coca-Cola	22-08-18	13:32-15:30			46.08	22-08-18 13:40	405.0655175	Other	NA	Electronic	46.08	46.15
Coca-Cola	22-08-18	15:32-17:30			46.04	22-08-18 15:38	410.7818134	Other	NA	Electronic	45.98	46.04
Coca-Cola	24-08-18	13:32-15:30			45.62	24-08-18 14:00	405.9449477	Other	NA	Electronic	45.62	45.68
Coca-Cola	31-08-18	13:32-15:30			44.8	31-08-18 13:40	402.2513411	Other	NA	Electronic	44.8	44.86
Coca-Cola	04-09-18	13:32-15:30			44.73	04-09-18 14:00	393.3690968	Other	NA	Electronic	44.67	44.73
Coca-Cola	05-09-18	13:32-15:30			45.09	05-09-18 14:09	396.5350453	Other	NA	Electronic	45.03	45.09
Coca-Cola	06-09-18	13:32-15:30			45.58	06-09-18 13:41	400.8442529	Other	NA	Electronic	45.52	45.58
Coca-Cola	06-09-18	15:32-17:30			45.47	06-09-18 15:36	398.6456776	Other	NA	Electronic	45.47	45.53

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Coca-Cola	10-09-18	13:32-15:30			46.23	10-09-18 13:46	406.5605488	Other	NA	Electronic	46.17	46.23
Coca-Cola	11-09-18	13:32-15:30			45.91	11-09-18 14:51	400.8442529	Other	NA	Electronic	45.91	45.97
Coca-Cola	14-09-18	13:32-15:30			45.6	14-09-18 14:22	401.0201389	Other	NA	Electronic	45.6	45.67
Coca-Cola	17-09-18	15:32-17:30			46.03	17-09-18 15:41	404.8016885	Other	NA	Electronic	45.97	46.03
Coca-Cola	20-09-18	13:32-15:30			46.27	20-09-18 13:50	404.8016885	Other	NA	Electronic	46.27	46.34
Coca-Cola	21-09-18	13:32-15:30			46.53	21-09-18 13:46	409.1988392	Other	NA	Electronic	46.47	46.53
Coca-Cola	24-09-18	13:32-15:30			46.09	24-09-18 15:00	405.3293466	Other	NA	Electronic	46.03	46.09
Coca-Cola	25-09-18	13:32-15:30			45.87	25-09-18 13:40	405.2414036	Other	NA	Electronic	45.87	45.93
Coca-Cola	25-09-18	15:32-17:30			45.81	25-09-18 16:14	402.8669422	Other	NA	Electronic	45.75	45.81
Coca-Cola	28-09-18	13:32-15:30			46.12	28-09-18 13:43	402.8669422	Other	NA	Electronic	46.12	46.18
CO-COA-DEC18	21-08-18	13:32-15:30			2,225.00	21-08-18 14:39	1956.732038	Other	NA	Electronic	2,225.00	2,240.00
CO-COA-DEC18	21-08-18	15:32-17:30			2,255.00	21-08-18 16:05	1983.114942	Other	NA	Electronic	2,255.00	2,270.00
CO-COA-DEC18	22-08-18	09:32-11:30			2,265.00	22-08-18 09:55	1983.114942	Other	NA	Electronic	2,250.00	2,265.00
CO-COA-DEC18	27-08-18	13:32-15:30			2,357.00	27-08-18 15:04	2072.816815	Other	NA	Electronic	2,342.00	2,357.00
CO-COA-DEC18	30-08-18	11:32-13:30			2,320.00	30-08-18 12:47	2049.951631	Other	NA	Electronic	2,305.00	2,320.00

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CO-COA-DEC18	07-09-18	15:32-17:30			2,256.00	07-09-18 15:33	1956.732038	Other	NA	Electronic	2,241.00	2,256.00
CO-COA-DEC18	11-09-18	11:32-13:30			2,282.00	11-09-18 12:01	1983.994372	Other	NA	Electronic	2,282.00	2,297.00
CO-COA-DEC18	11-09-18	13:32-15:30			2,274.00	11-09-18 14:40	2004.221265	Other	NA	Electronic	2,259.00	2,274.00
CO-COA-DEC18	12-09-18	11:32-13:30			2,287.00	12-09-18 13:21	2011.256706	Other	NA	Electronic	2,272.00	2,287.00
CO-COA-DEC18	12-09-18	13:32-15:30			2,264.00	12-09-18 13:41	2011.256706	Other	NA	Electronic	2,264.00	2,279.00
CO-COA-DEC18	14-09-18	13:32-15:30			2,231.00	14-09-18 14:31	2049.072201	Other	NA	Electronic	2,231.00	2,246.00
CO-COA-DEC18	18-09-18	11:32-13:30			2,226.00	18-09-18 12:41	1957.611468	Other	NA	Electronic	2,226.00	2,241.00
CO-COA-DEC18	21-09-18	13:32-15:30			2,156.00	21-09-18 15:27	1896.051359	Other	NA	Electronic	2,156.00	2,171.00
CO-COA-DEC18	24-09-18	11:32-13:30			2,230.00	24-09-18 12:05	1896.051359	Other	NA	Electronic	2,215.00	2,230.00
CO-COA-DEC18	26-09-18	09:32-11:30			2,209.00	26-09-18 09:59	1942.661156	Other	NA	Electronic	2,194.00	2,209.00
CO-COA-DEC18	27-09-18	11:32-13:30			2,148.00	27-09-18 13:17	1942.661156	Other	NA	Electronic	2,148.00	2,163.00
CO-COA-DEC18	27-09-18	15:32-17:30			2,108.00	27-09-18 15:37	1853.838713	Other	NA	Electronic	2,108.00	2,123.00
CO-COA-DEC18	28-09-18	09:32-11:30			2,135.00	28-09-18 11:02	3755.166652	Other	NA	Electronic	2,120.00	2,135.00
CO-COA-DEC18	28-09-18	13:32-15:30			2,096.00	28-09-18 14:01	1957.611468	Other	NA	Electronic	2,081.00	2,096.00
CO-COA-DEC18	28-09-18	15:32-17:30			2,054.00	28-09-18 15:50	1824.817518	Other	NA	Electronic	2,054.00	2,069.00

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CO-COA-SEP18	02-07-18	09:32-11:30			2,485.00	02-07-18 10:11	2185.383871	Other	NA	Electronic	2,470.00	2,485.00
CO-COA-SEP18	02-07-18	11:32-13:30			2,476.00	02-07-18 12:48	2177.469	Other	NA	Electronic	2,476.00	2,491.00
CO-COA-SEP18	02-07-18	13:32-15:30			2,458.00	02-07-18 13:35	2185.383871	Other	NA	Electronic	2,458.00	2,473.00
CO-COA-SEP18	03-07-18	13:32-15:30			2,488.00	03-07-18 14:00	2204.731334	Other	NA	Electronic	2,473.00	2,488.00
CO-COA-SEP18	03-07-18	15:32-17:30			2,463.00	03-07-18 17:15	4332.072817	Other	NA	Electronic	2,448.00	2,463.00
CO-COA-SEP18	05-07-18	11:32-13:30			2,490.00	05-07-18 12:20	2185.383871	Other	NA	Electronic	2,490.00	2,505.00
CO-COA-SEP18	05-07-18	13:32-15:30			2,489.00	05-07-18 13:37	4332.072817	Other	NA	Electronic	2,489.00	2,504.00
CO-COA-SEP18	06-07-18	11:32-13:30			2,473.00	06-07-18 11:51	2174.83071	Other	NA	Electronic	2,458.00	2,473.00
CO-COA-SEP18	06-07-18	13:30-13:32	2,478.00	2179.22786								
CO-COA-SEP18	09-07-18	15:32-17:30			2,451.00	09-07-18 15:49	2159.000967	Other	NA	Electronic	2,436.00	2,451.00
CO-COA-SEP18	10-07-18	13:32-15:30			2,488.00	10-07-18 13:39	2188.022162	Other	NA	Electronic	2,488.00	2,503.00
CO-COA-SEP18	10-07-18	15:32-17:30			2,500.00	10-07-18 15:34	2197.695893	Other	NA	Electronic	2,500.00	2,515.00
CO-COA-SEP18	11-07-18	11:32-13:30			2,463.00	11-07-18 11:44	2166.036408	Other	NA	Electronic	2,463.00	2,478.00
CO-COA-SEP18	11-07-18	13:32-15:30			2,469.00	11-07-18 14:41	2180.10729	Other	NA	Electronic	2,454.00	2,469.00
CO-COA-SEP18	12-07-18	11:32-13:30			2,458.00	12-07-18 12:39	2166.036408	Other	NA	Electronic	2,443.00	2,458.00

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CO-COA-SEP18	13-07-18	13:30-13:32	2,487.00	2185.383871								
CO-COA-SEP18	16-07-18	11:32-13:30			2,583.00	16-07-18 12:01	2271.568024	Other	NA	Electronic	2,568.00	2,583.00
CO-COA-SEP18	16-07-18	13:32-15:30			2,482.00	16-07-18 14:07	2178.34843	Other	NA	Electronic	2,482.00	2,497.00
CO-COA-SEP18	16-07-18	15:32-17:30			2,408.00	16-07-18 15:55	2154.603817	Other	NA	Electronic	2,393.00	2,408.00
CO-COA-SEP18	17-07-18	09:32-11:30			2,409.00	17-07-18 11:20	2112.391171	Other	NA	Electronic	2,409.00	2,424.00
CO-COA-SEP18	17-07-18	11:32-13:30			2,391.00	17-07-18 11:49	2102.717439	Other	NA	Electronic	2,391.00	2,406.00
CO-COA-SEP18	18-07-18	09:32-11:30			2,370.00	18-07-18 10:32	2104.476299	Other	NA	Electronic	2,370.00	2,385.00
CO-COA-SEP18	18-07-18	13:32-15:30			2,377.00	18-07-18 13:37	2102.717439	Other	NA	Electronic	2,362.00	2,377.00
CO-COA-SEP18	19-07-18	15:32-17:30			2,282.00	19-07-18 15:52	2160.759828	Other	NA	Electronic	2,282.00	2,297.00
CO-COA-SEP18	20-07-18	09:32-11:30			2,302.00	20-07-18 10:50	2105.355729	Other	NA	Electronic	2,302.00	2,317.00
CO-COA-SEP18	20-07-18	11:32-13:30			2,295.00	20-07-18 11:56	2018.292147	Other	NA	Electronic	2,295.00	2,310.00
CO-COA-SEP18	23-07-18	13:32-15:30			2,294.00	23-07-18 14:45	2018.292147	Other	NA	Electronic	2,279.00	2,294.00
CO-COA-SEP18	24-07-18	09:32-11:30			2,279.00	24-07-18 09:54	2004.221265	Other	NA	Electronic	2,279.00	2,294.00
CO-COA-SEP18	24-07-18	13:32-15:30			2,259.00	24-07-18 14:45	1986.632662	Other	NA	Electronic	2,259.00	2,274.00
CO-COA-SEP18	25-07-18	11:32-13:30			2,264.00	25-07-18 12:16	1991.029813	Other	NA	Electronic	2,249.00	2,264.00

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CO-COA-SEP18	25-07-18	13:32-15:30			2,253.00	25-07-18 13:40	1983.114942	Other	NA	Electronic	2,238.00	2,253.00
CO-COA-SEP18	26-07-18	09:32-11:30			2,280.00	26-07-18 10:44	2004.221265	Other	NA	Electronic	2,265.00	2,280.00
CO-COA-SEP18	26-07-18	11:32-13:30			2,301.00	26-07-18 12:49	1991.029813	Other	NA	Electronic	2,301.00	2,316.00
CO-COA-SEP18	26-07-18	13:32-15:30			2,320.00	26-07-18 14:34	2040.2779	Other	NA	Electronic	2,320.00	2,335.00
CO-COA-SEP18	26-07-18	15:32-17:30			2,314.00	26-07-18 16:13	2035.001319	Other	NA	Electronic	2,299.00	2,314.00
CO-COA-SEP18	27-07-18	09:32-11:30			2,296.00	27-07-18 11:16	2019.171577	Other	NA	Electronic	2,281.00	2,296.00
CO-COA-SEP18	27-07-18	11:32-13:30			2,302.00	27-07-18 11:38	2040.2779	Other	NA	Electronic	2,287.00	2,302.00
CO-COA-SEP18	27-07-18	13:30-13:32	2,243.00	1972.56178								
CO-COA-SEP18	31-07-18	13:32-15:30			2,200.00	31-07-18 14:59	1934.746284	Other	NA	Electronic	2,200.00	2,215.00
CO-COA-SEP18	31-07-18	15:32-17:30			2,182.00	31-07-18 15:36	1972.56178	Other	NA	Electronic	2,167.00	2,182.00
CO-COA-SEP18	01-08-18	09:32-11:30			2,171.00	01-08-18 10:14	1909.242811	Other	NA	Electronic	2,156.00	2,171.00
CO-COA-SEP18	01-08-18	11:32-13:30			2,138.00	01-08-18 12:52	2038.51904	Other	NA	Electronic	2,138.00	2,153.00
CO-COA-SEP18	03-08-18	09:32-11:30			2,064.00	03-08-18 11:22	3630.287574	Other	NA	Electronic	2,064.00	2,079.00
CO-COA-SEP18	03-08-18	13:32-15:30			2,057.00	03-08-18 13:57	3630.287574	Other	NA	Electronic	2,042.00	2,057.00
CO-COA-SEP18	03-08-18	15:32-17:30			2,049.00	03-08-18 16:59	5445.43136	Other	NA	Electronic	2,034.00	2,049.00

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CO-COA-SEP18	06-08-18	11:32-13:30			2,078.00	06-08-18 12:43	1934.746284	Other	NA	Electronic	2,063.00	2,078.00
CO-COA-SEP18	06-08-18	13:32-15:30			2,090.00	06-08-18 14:20	5514.026911	Other	NA	Electronic	2,075.00	2,090.00
CO-COA-SEP18	06-08-18	15:32-17:30			2,132.00	06-08-18 15:46	1874.945036	Other	NA	Electronic	2,117.00	2,132.00
CO-COA-SEP18	07-08-18	11:32-13:30			2,098.00	07-08-18 12:01	1845.044411	Other	NA	Electronic	2,098.00	2,113.00
CO-COA-SEP18	08-08-18	11:32-13:30			2,124.00	08-08-18 12:01	1845.044411	Other	NA	Electronic	2,109.00	2,124.00
CO-COA-SEP18	08-08-18	13:32-15:30			2,113.00	08-08-18 13:47	1856.477003	Other	NA	Electronic	2,113.00	2,128.00
CO-COA-SEP18	08-08-18	15:32-17:30			2,105.00	08-08-18 15:46	7517.368745	Other	NA	Electronic	2,105.00	2,120.00
CO-COA-SEP18	09-08-18	09:32-11:30			2,113.00	09-08-18 09:58	1858.235863	Other	NA	Electronic	2,113.00	2,128.00
CO-COA-SEP18	09-08-18	11:32-13:30			2,099.00	09-08-18 13:11	1846.803271	Other	NA	Electronic	2,084.00	2,099.00
CO-COA-SEP18	09-08-18	13:32-15:30			2,069.00	09-08-18 13:49	7278.16375	Other	NA	Electronic	2,069.00	2,084.00
CO-COA-SEP18	09-08-18	15:32-17:30			2,086.00	09-08-18 17:16	7278.16375	Other	NA	Electronic	2,071.00	2,086.00
CO-COA-SEP18	10-08-18	13:32-15:30			2,059.00	10-08-18 14:03	18362.5011	Other	NA	Electronic	2,059.00	2,074.00
CO-COA-SEP18	15-08-18	09:32-11:30			2,108.00	15-08-18 10:44	1853.838713	Other	NA	Electronic	2,093.00	2,108.00
CO-COA-SEP18	15-08-18	11:32-13:30			2,121.00	15-08-18 13:29	1853.838713	Other	NA	Electronic	2,121.00	2,136.00
CO-COA-SEP18	15-08-18	13:32-15:30			2,092.00	15-08-18 15:24	1909.242811	Other	NA	Electronic	2,092.00	2,107.00

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COFFE-DEC18	22-08-18	11:32-13:30			0.9997	22-08-18 12:56	8791.663002	Other	NA	Electronic	0.9917	0.9997
COFFE-DEC18	22-08-18	13:32-15:30			1.0203	22-08-18 13:35	8972.825609	Other	NA	Electronic	1.0123	1.0203
COFFE-DEC18	23-08-18	13:32-15:30			1.0105	23-08-18 13:55	8791.663002	Other	NA	Electronic	1.0105	1.0185
COFFE-DEC18	23-08-18	15:32-17:30			1.0208	23-08-18 16:54	8972.825609	Other	NA	Electronic	1.0208	1.0288
COFFE-DEC18	24-08-18	13:32-15:30			1.0398	24-08-18 14:08	8972.825609	Other	NA	Electronic	1.0398	1.0478
COFFE-DEC18	24-08-18	15:32-17:30			1.0348	24-08-18 16:55	8923.577522	Other	NA	Electronic	1.0348	1.0428
COFFE-DEC18	30-08-18	15:32-17:30			1.0175	30-08-18 15:38	8948.201565	Other	NA	Electronic	1.0095	1.0175
COFFE-DEC18	31-08-18	09:32-11:30			1.0253	31-08-18 09:55	8948.201565	Other	NA	Electronic	1.0253	1.0333
COFFE-DEC18	04-09-18	13:32-15:30			0.9997	04-09-18 14:21	8791.663002	Other	NA	Electronic	0.9917	0.9997
COFFE-DEC18	05-09-18	15:32-17:30			1.0263	05-09-18 15:50	8917.421511	Other	NA	Electronic	1.0263	1.0343
COFFE-DEC18	06-09-18	13:32-15:30			1.0322	06-09-18 13:56	18154.95559	Other	NA	Electronic	1.0242	1.0322
COFFE-DEC18	11-09-18	15:32-17:30			1.0088	11-09-18 16:27	8871.691144	Other	NA	Electronic	1.0008	1.0088
COFFE-DEC18	12-09-18	09:32-11:30			1.0058	12-09-18 11:23	8845.30824	Other	NA	Electronic	0.9978	1.0058
COFFE-DEC18	12-09-18	13:32-15:30			1.0178	12-09-18 14:32	8845.30824	Other	NA	Electronic	1.0178	1.0258
COFFE-DEC18	13-09-18	13:32-15:30			1.0172	13-09-18 13:40	8945.563275	Other	NA	Electronic	1.0092	1.0172



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COFFE-DEC18	17-09-18	11:32-13:30			0.9858	17-09-18 12:35	8669.422214	Other	NA	Electronic	0.9778	0.9858
COFFE-DEC18	17-09-18	13:32-15:30			0.9905	17-09-18 13:56	8710.75543	Other	NA	Electronic	0.9825	0.9905
COFFE-DEC18	17-09-18	15:32-17:30			0.9818	17-09-18 17:02	8634.245009	Other	NA	Electronic	0.9738	0.9818
COFFE-DEC18	18-09-18	13:32-15:30			0.9628	18-09-18 14:03	8467.153285	Other	NA	Electronic	0.9548	0.9628
COFFE-DEC18	19-09-18	11:32-13:30			0.9583	19-09-18 12:27	8427.578929	Other	NA	Electronic	0.9503	0.9583
COFFE-DEC18	19-09-18	13:32-15:30			0.9542	19-09-18 13:32	8427.578929	Other	NA	Electronic	0.9542	0.9622
COFFE-DEC18	20-09-18	15:32-17:30			0.9953	20-09-18 16:27	8752.968077	Other	NA	Electronic	0.9953	1.0033
COFFE-DEC18	21-09-18	15:32-17:30			0.9872	21-09-18 15:42	8681.734236	Other	NA	Electronic	0.9792	0.9872
COFFE-DEC18	28-09-18	13:32-15:30			1.0038	28-09-18 13:57	8681.734236	Other	NA	Electronic	1.0038	1.0118
COFFE-SEP18	02-07-18	11:32-13:30			1.1292	02-07-18 12:30	101688.5058	Other	NA	Electronic	1.1292	1.1372
COFFE-SEP18	02-07-18	15:32-17:30			1.1198	02-07-18 15:36	10164.45343	Other	NA	Electronic	1.1198	1.1278
COFFE-SEP18	05-07-18	11:32-13:30			1.1203	05-07-18 11:56	9852.255738	Other	NA	Electronic	1.1123	1.1203
COFFE-SEP18	05-07-18	13:32-15:30			1.1133	05-07-18 14:06	9790.695629	Other	NA	Electronic	1.1053	1.1133
COFFE-SEP18	05-07-18	15:32-17:30			1.1097	05-07-18 15:40	9759.036145	Other	NA	Electronic	1.1017	1.1097
COFFE-SEP18	06-07-18	09:32-11:30			1.0683	06-07-18 11:25	9896.227245	Other	NA	Electronic	1.0683	1.0763

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COFFE-SEP18	06-07-18	13:32-15:30			1.0978	06-07-18 13:50	9790.695629	Other	NA	Electronic	1.0978	1.1058
COFFE-SEP18	06-07-18	15:32-17:30			1.1142	06-07-18 15:50	9654.383959	Other	NA	Electronic	1.1142	1.1222
COFFE-SEP18	09-07-18	13:32-15:30			1.1453	09-07-18 14:40	10072.11327	Other	NA	Electronic	1.1373	1.1453
COFFE-SEP18	10-07-18	09:32-11:30			1.1413	10-07-18 09:41	9610.412453	Other	NA	Electronic	1.1413	1.1493
COFFE-SEP18	12-07-18	09:32-11:30			1.1258	12-07-18 09:41	9900.624395	Other	NA	Electronic	1.1178	1.1258
COFFE-SEP18	12-07-18	11:32-13:30			1.1303	12-07-18 13:25	39760.795	Other	NA	Electronic	1.1223	1.1303
COFFE-SEP18	12-07-18	15:32-17:30			1.1203	12-07-18 15:40	9852.255738	Other	NA	Electronic	1.1123	1.1203
COFFE-SEP18	13-07-18	11:32-13:30			1.1072	13-07-18 13:02	9737.050391	Other	NA	Electronic	1.0992	1.1072
COFFE-SEP18	13-07-18	15:32-17:30			1.0988	13-07-18 16:35	9663.17826	Other	NA	Electronic	1.0908	1.0988
COFFE-SEP18	16-07-18	11:32-13:30			1.0988	16-07-18 12:44	9663.17826	Other	NA	Electronic	1.0988	1.1068
COFFE-SEP18	18-07-18	11:32-13:30			1.0868	18-07-18 12:01	9557.646645	Other	NA	Electronic	1.0788	1.0868
COFFE-SEP18	18-07-18	13:32-15:30			1.0778	18-07-18 15:11	9478.497933	Other	NA	Electronic	1.0778	1.0858
COFFE-SEP18	19-07-18	15:32-17:30			1.0853	19-07-18 15:57	19088.91039	Other	NA	Electronic	1.0853	1.0933
COFFE-SEP18	20-07-18	09:32-11:30			1.0908	20-07-18 09:33	9592.82385	Other	NA	Electronic	1.0828	1.0908
COFFE-SEP18	23-07-18	09:32-11:30			1.1243	23-07-18 10:35	9887.432943	Other	NA	Electronic	1.1163	1.1243

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COFFE-SEP18	23-07-18	11:32-13:30			1.1253	23-07-18 12:06	9663.17826	Other	NA	Electronic	1.1253	1.1333
COFFE-SEP18	24-07-18	13:32-15:30			1.1105	24-07-18 14:39	9766.071586	Other	NA	Electronic	1.1025	1.1105
COFFE-SEP18	26-07-18	15:32-17:30			1.0975	26-07-18 15:54	9651.745669	Other	NA	Electronic	1.0895	1.0975
COFFE-SEP18	27-07-18	11:32-13:30			1.1008	27-07-18 11:46	9680.766863	Other	NA	Electronic	1.0928	1.1008
COFFE-SEP18	30-07-18	13:32-15:30			1.1292	30-07-18 13:36	9592.82385	Other	NA	Electronic	1.1292	1.1372
COFFE-SEP18	31-07-18	09:32-11:30			1.1123	31-07-18 10:31	9781.901328	Other	NA	Electronic	1.1123	1.1203
COFFE-SEP18	31-07-18	11:32-13:30			1.1118	31-07-18 12:11	9781.901328	Other	NA	Electronic	1.1038	1.1118
COFFE-SEP18	31-07-18	15:32-17:30			1.1053	31-07-18 16:04	9720.341219	Other	NA	Electronic	1.0973	1.1053
COFFE-SEP18	01-08-18	09:32-11:30			1.0873	01-08-18 09:43	10286.69422	Other	NA	Electronic	1.0873	1.0953
COFFE-SEP18	01-08-18	11:32-13:30			1.0838	01-08-18 12:16	9890.950664	Other	NA	Electronic	1.0838	1.0918
COFFE-SEP18	01-08-18	15:32-17:30			1.0843	01-08-18 17:01	9535.660892	Other	NA	Electronic	1.0763	1.0843
COFFE-SEP18	02-08-18	13:32-15:30			1.0663	02-08-18 15:03	9377.363468	Other	NA	Electronic	1.0583	1.0663
COFFE-SEP18	03-08-18	09:32-11:30			1.0658	03-08-18 11:28	9663.17826	Other	NA	Electronic	1.0658	1.0738
COFFE-SEP18	06-08-18	13:32-15:30			1.1022	06-08-18 15:15	9693.078885	Other	NA	Electronic	1.0942	1.1022
COFFE-SEP18	07-08-18	11:32-13:30			1.0883	07-08-18 12:13	9535.660892	Other	NA	Electronic	1.0883	1.0963

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COFFE-SEP18	08-08-18	13:32-15:30			1.0642	08-08-18 14:52	9693.078885	Other	NA	Electronic	1.0642	1.0722
COFFE-SEP18	10-08-18	11:32-13:30			1.0703	10-08-18 12:33	9412.540674	Other	NA	Electronic	1.0623	1.0703
COFFE-SEP18	13-08-18	09:32-11:30			1.0542	13-08-18 09:56	9270.952423	Other	NA	Electronic	1.0542	1.0622
COFFE-SEP18	15-08-18	11:32-13:30			1.0493	15-08-18 13:12	46139.30173	Other	NA	Electronic	1.0413	1.0493
COFFE-SEP18	15-08-18	13:32-15:30			1.0238	15-08-18 14:56	9392.313781	Other	NA	Electronic	1.0238	1.0318
COFFE-SEP18	16-08-18	13:32-15:30			1.0325	16-08-18 13:39	9080.116085	Other	NA	Electronic	1.0245	1.0325
COFFE-SEP18	17-08-18	13:32-15:30			1.0155	17-08-18 13:51	8930.612963	Other	NA	Electronic	1.0075	1.0155
COFFE-SEP18	17-08-18	15:32-17:30			1.0023	17-08-18 15:37	8930.612963	Other	NA	Electronic	1.0023	1.0103
COFFE-SEP18	20-08-18	15:32-17:30			0.9918	20-08-18 16:59	8722.188022	Other	NA	Electronic	0.9838	0.9918
Cognizant	09-07-18	15:32-17:30			80.8	09-07-18 16:43	1417.817254	Other	NA	Electronic	80.8	80.88
Colruyt	27-09-18	11:32-13:30			49.836	27-09-18 11:53	985.88	Other	NA	Electronic	49.836	49.944
Comcast	02-07-18	13:32-15:30			32.87	02-07-18 15:20	578.137367	Other	NA	Electronic	32.81	32.87
Comcast	10-07-18	15:32-17:30			33.29	10-07-18 16:53	878.2868701	Other	NA	Electronic	33.23	33.29
Comcast	12-07-18	13:32-15:30			34.1	12-07-18 14:07	298.2147568	Other	NA	Electronic	34.1	34.16
Comcast	13-07-18	13:32-15:30			35.01	13-07-18 13:40	578.137367	Other	NA	Electronic	35.01	35.07

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Comcast	19-07-18	15:32-17:30			34.97	19-07-18 16:54	307.5367162	Other	NA	Electronic	34.97	35.03
Comcast	23-07-18	13:32-15:30			34.19	23-07-18 13:49	307.5367162	Other	NA	Electronic	34.13	34.19
Comcast	30-07-18	13:32-15:30			35.19	30-07-18 13:40	3713.65755	Other	NA	Electronic	35.19	35.25
Comcast	31-07-18	13:32-15:30			35.95	31-07-18 13:40	3713.65755	Other	NA	Electronic	35.88	35.95
Comcast	03-08-18	13:32-15:30			35.36	03-08-18 15:29	310.9664937	Other	NA	Electronic	35.3	35.36
Comcast	06-08-18	13:32-15:30			35.45	06-08-18 13:41	310.9664937	Other	NA	Electronic	35.45	35.51
Comcast	15-08-18	15:32-17:30			34.94	15-08-18 17:13	307.2728872	Other	NA	Electronic	34.88	34.94
Comcast	11-09-18	13:32-15:30			36.39	11-09-18 14:38	2560.196992	Other	NA	Electronic	36.33	36.39
Comcast	11-09-18	15:32-17:30			36.43	11-09-18 16:33	2560.196992	Other	NA	Electronic	36.43	36.49
Comcast	12-09-18	13:32-15:30			35.89	12-09-18 13:47	2234.631958	Other	NA	Electronic	35.83	35.89
Comcast	24-09-18	13:32-15:30			35.3	24-09-18 14:48	310.4388356	Other	NA	Electronic	35.24	35.3
Comcast	24-09-18	15:32-17:30			35.17	24-09-18 16:08	1237.182306	Other	NA	Electronic	35.17	35.23
Commerzbank	05-07-18	09:32-11:30			8.62	05-07-18 09:38	82.67	Other	NA	Electronic	8.62	8.646
Commerzbank	06-07-18	09:32-11:30			8.601	06-07-18 09:37	95	Other	NA	Electronic	8.577	8.601
Commerzbank	09-07-18	11:32-13:30			8.539	09-07-18 11:37	85.39	Other	NA	Electronic	8.514	8.539

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Commerzbank	09-07-18	13:30-13:32	8.59	171.02								
Commerzbank	10-07-18	11:32-13:30			8.463	10-07-18 12:25	169.26	Other	NA	Electronic	8.463	8.489
Commerzbank	11-07-18	09:32-11:30			8.335	11-07-18 09:36	250.05	Other	NA	Electronic	8.335	8.362
Commerzbank	11-07-18	11:32-13:30			8.383	11-07-18 12:11	250.05	Other	NA	Electronic	8.357	8.383
Commerzbank	13-07-18	09:32-11:30			8.349	13-07-18 10:50	83.1	Other	NA	Electronic	8.349	8.375
Commerzbank	16-07-18	09:32-11:30			8.513	16-07-18 09:36	83.78	Other	NA	Electronic	8.513	8.544
Commerzbank	16-07-18	13:32-15:30			8.488	16-07-18 15:20	1186.7	Other	NA	Electronic	8.488	8.513
Commerzbank	18-07-18	09:32-11:30			8.433	18-07-18 09:44	84.59	Other	NA	Electronic	8.433	8.461
Commerzbank	19-07-18	09:32-11:30			8.541	19-07-18 11:03	85.41	Other	NA	Electronic	8.541	8.568
Commerzbank	23-07-18	09:32-11:30			8.487	23-07-18 10:45	84.87	Other	NA	Electronic	8.487	8.515
Commerzbank	24-07-18	09:32-11:30			8.953	24-07-18 09:55	85.41	Other	NA	Electronic	8.926	8.953
Commerzbank	25-07-18	13:32-15:30			8.88	25-07-18 14:43	88.8	Other	NA	Electronic	8.88	8.909
Commerzbank	30-07-18	09:32-11:30			9.078	30-07-18 09:44	90.78	Other	NA	Electronic	9.052	9.078
Commerzbank	01-08-18	11:32-13:30			9.135	01-08-18 11:48	91.35	Other	NA	Electronic	9.107	9.135
Commerzbank	01-08-18	13:32-15:30			9.192	01-08-18 14:09	91.92	Other	NA	Electronic	9.166	9.192

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Commerzbank	02-08-18	13:32-15:30			8.824	02-08-18 13:48	88.24	Other	NA	Electronic	8.824	8.85
Commerzbank	06-08-18	11:32-13:30			8.889	06-08-18 12:14	88.89	Other	NA	Electronic	8.889	8.916
Commerzbank	06-08-18	13:32-15:30			8.954	06-08-18 14:22	89.54	Other	NA	Electronic	8.927	8.954
Commerzbank	13-08-18	11:32-13:30			8.321	13-08-18 12:40	83.21	Other	NA	Electronic	8.321	8.349
Commerzbank	14-08-18	09:32-11:30			8.336	14-08-18 10:59	83.36	Other	NA	Electronic	8.336	8.362
Commerzbank	14-08-18	11:32-13:30			8.378	14-08-18 12:33	83.36	Other	NA	Electronic	8.352	8.378
Commerzbank	20-08-18	11:32-13:30			8.12	20-08-18 11:53	81.2	Other	NA	Electronic	8.093	8.12
Commerzbank	28-08-18	13:32-15:30			8.38	28-08-18 15:13	84.01	Other	NA	Electronic	8.38	8.406
Commerzbank	30-08-18	13:32-15:30			8.308	30-08-18 14:27	166.48	Other	NA	Electronic	8.282	8.308
Commerzbank	03-09-18	09:32-11:30			8.101	03-09-18 09:32	81.01	Other	NA	Electronic	8.075	8.101
Commerzbank	04-09-18	09:32-11:30			8.105	04-09-18 10:44	83.72	Other	NA	Electronic	8.105	8.129
Commerzbank	06-09-18	13:32-15:30			8.335	06-09-18 14:15	1625.1	Other	NA	Electronic	8.335	8.364
Commerzbank	10-09-18	11:30-11:32	8.433	81.84								
Commerzbank	11-09-18	13:32-15:30			8.634	11-09-18 14:16	86.34	Other	NA	Electronic	8.605	8.634
Commerzbank	14-09-18	09:32-11:30			8.777	14-09-18 10:34	84.58	Other	NA	Electronic	8.777	8.803

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Commerzbank	17-09-18	11:32-13:30			8.854	17-09-18 12:50	86.34	Other	NA	Electronic	8.854	8.88
Commerzbank	19-09-18	09:30-09:32	9.144	91.44								
Commerzbank	20-09-18	09:32-11:30			9.488	20-09-18 10:54	90.78	Other	NA	Electronic	9.488	9.515
Commerzbank	20-09-18	11:32-13:30			9.475	20-09-18 12:10	94.75	Other	NA	Electronic	9.475	9.501
Commerzbank	21-09-18	09:32-11:30			9.5	21-09-18 09:36	88.08	Other	NA	Electronic	9.5	9.527
Commerzbank	24-09-18	11:32-13:30			9.339	24-09-18 11:39	94.86	Other	NA	Electronic	9.339	9.388
Commerzbank	25-09-18	13:32-15:30			9.632	25-09-18 14:24	96.32	Other	NA	Electronic	9.607	9.632
Commerzbank	26-09-18	09:32-11:30			9.548	26-09-18 10:33	95.07	Other	NA	Electronic	9.548	9.579
Commerzbank	27-09-18	13:32-15:30			9.389	27-09-18 13:59	93.89	Other	NA	Electronic	9.364	9.389
Commerzbank	28-09-18	11:32-13:30			8.918	28-09-18 12:07	89.18	Other	NA	Electronic	8.891	8.918
Commerzbank	28-09-18	13:32-15:30			8.996	28-09-18 14:43	89.18	Other	NA	Electronic	8.996	9.027
Compagnie de Saint Gobain	06-07-18	09:32-11:30			38.25	06-07-18 09:37	1912.5	Other	NA	Electronic	38.14	38.25
Compagnie de Saint Gobain	18-07-18	09:32-11:30			37.41	18-07-18 10:32	374.1	Other	NA	Electronic	37.3	37.41
Compagnie de Saint Gobain	18-07-18	11:32-13:30			37.42	18-07-18 13:07	374.1	Other	NA	Electronic	37.42	37.52
Compagnie de Saint Gobain	25-07-18	11:32-13:30			36.78	25-07-18 13:06	1912.5	Other	NA	Electronic	36.78	36.88



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Compagnie de Saint Gobain	26-07-18	09:32-11:30			37.33	26-07-18 09:50	373.3	Other	NA	Electronic	37.22	37.33
Compagnie de Saint Gobain	03-09-18	11:32-13:30			36.41	03-09-18 12:17	728.2	Other	NA	Electronic	36.3	36.41
Compagnie de Saint Gobain	05-09-18	13:32-15:30			36.44	05-09-18 15:19	728.2	Other	NA	Electronic	36.44	36.54
Compass	04-07-18	11:32-13:30			15.922	04-07-18 13:24	176.7088776	Other	NA	Electronic	15.893	15.922
ConocoPhil	02-07-18	15:32-17:30			68.89	02-07-18 16:48	1817.518248	Other	NA	Electronic	68.82	68.89
ConocoPhil	03-07-18	13:32-15:30			70.71	03-07-18 13:41	1817.518248	Other	NA	Electronic	70.71	70.8
ConocoPhil	16-07-18	15:32-17:30			70.02	16-07-18 15:52	1231.553953	Other	NA	Electronic	70.02	70.09
ConocoPhil	17-07-18	13:32-15:30			69.42	17-07-18 14:33	1231.553953	Other	NA	Electronic	69.35	69.42
ConocoPhil	24-07-18	13:32-15:30			70.92	24-07-18 13:55	623.6918477	Other	NA	Electronic	70.84	70.92
ConocoPhil	24-07-18	15:32-17:30			71.08	24-07-18 16:44	625.0989359	Other	NA	Electronic	71.08	71.15
ConocoPhil	30-07-18	13:32-15:30			72.71	30-07-18 13:46	623.6918477	Other	NA	Electronic	72.71	72.78
ConocoPhil	31-08-18	15:32-17:30			73.43	31-08-18 17:12	645.7655439	Other	NA	Electronic	73.37	73.43
ConocoPhil	04-09-18	15:32-17:30			73.06	04-09-18 16:36	642.5116524	Other	NA	Electronic	73	73.06
ConocoPhil	12-09-18	15:32-17:30			72.29	12-09-18 17:14	635.7400405	Other	NA	Electronic	72.23	72.29
Constellation	03-07-18	13:32-15:30			211.9	03-07-18 14:02	1965.966054	Other	NA	Electronic	211.9	212.48

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Continental	18-07-18	11:32-13:30			208.18	18-07-18 11:55	20563	Other	NA	Electronic	208.18	209.73
Continental	18-07-18	13:32-15:30			203.78	18-07-18 13:53	20303	Other	NA	Electronic	203.78	204.33
Continental	22-08-18	09:32-11:30			164.08	22-08-18 09:45	6563.2	Other	NA	Electronic	163.43	164.08
Continental	22-08-18	11:32-13:30			160.13	22-08-18 13:08	4803.9	Other	NA	Electronic	159.58	160.13
Continental	23-08-18	09:32-11:30			157.48	23-08-18 09:54	1574.8	Other	NA	Electronic	156.98	157.48
Continental	23-08-18	13:32-15:30			154.13	23-08-18 15:21	4623.9	Other	NA	Electronic	153.63	154.13
Continental	27-08-18	11:32-13:30			159.33	27-08-18 12:03	1574.8	Other	NA	Electronic	159.33	159.88
Continental	28-08-18	09:32-11:30			158.18	28-08-18 09:50	3163.6	Other	NA	Electronic	157.63	158.18
Continental	30-08-18	09:32-11:30			161.98	30-08-18 10:56	4803.9	Other	NA	Electronic	161.98	162.53
Continental	04-09-18	09:32-11:30			155.03	04-09-18 11:11	6563.2	Other	NA	Electronic	155.03	155.53
Continental	07-09-18	11:32-13:30			149.48	07-09-18 13:03	9334.8	Other	NA	Electronic	149.48	149.98
Continental	12-09-18	09:32-11:30			147.63	12-09-18 11:29	1476.3	Other	NA	Electronic	147.08	147.63
Continental	18-09-18	13:32-15:30			149.23	18-09-18 14:31	1492.3	Other	NA	Electronic	148.73	149.23
Continental	20-09-18	11:32-13:30			157.68	20-09-18 11:38	1576.8	Other	NA	Electronic	157.18	157.68
Continental	21-09-18	09:30-09:32	158.98	1576.8								

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ConvaTec	03-07-18	13:32-15:30			2.011	03-07-18 14:36	22.3189017	Other	NA	Electronic	2.011	2.016
ConvaTec	11-09-18	09:32-11:30			2.37	11-09-18 11:20	22.3189017	Other	NA	Electronic	2.364	2.37
CORN-DEC18	04-09-18	09:32-11:30			3.6325	04-09-18 11:27	1292.76229	Other	NA	Electronic	3.6325	3.66
CORN-DEC18	12-09-18	15:32-17:30			3.57	12-09-18 16:07	1255.826225	Other	NA	Electronic	3.5425	3.57
CORN-DEC18	19-09-18	13:32-15:30			3.4575	19-09-18 14:03	1216.251869	Other	NA	Electronic	3.43	3.4575
CORN-DEC18	19-09-18	15:32-17:30			3.4625	19-09-18 17:24	1218.010729	Other	NA	Electronic	3.435	3.4625
CORN-DEC18	20-09-18	13:32-15:30			3.49	20-09-18 13:50	1227.68446	Other	NA	Electronic	3.4625	3.49
CORN-DEC18	25-09-18	11:32-13:30			3.615	25-09-18 12:04	1271.655967	Other	NA	Electronic	3.5875	3.615
CORN-DEC18	26-09-18	11:32-13:30			3.61	26-09-18 12:17	1227.68446	Other	NA	Electronic	3.61	3.6375
CORN-DEC18	28-09-18	13:32-15:30			3.6475	28-09-18 13:35	1283.088559	Other	NA	Electronic	3.6475	3.675
Corning	03-08-18	13:32-15:30			32.92	03-08-18 13:41	288.8927975	Other	NA	Electronic	32.92	32.98
Corning	08-08-18	15:32-17:30			33.13	08-08-18 15:42	582.7104037	Other	NA	Electronic	33.07	33.13
Corning	13-08-18	15:32-17:30			32.57	13-08-18 16:48	582.7104037	Other	NA	Electronic	32.57	32.64
Corning	21-08-18	15:32-17:30			32.93	21-08-18 17:19	579.1926831	Other	NA	Electronic	32.87	32.93
CORN-SEP18	02-07-18	13:32-15:30			3.525	02-07-18 13:36	1276.053118	Other	NA	Electronic	3.525	3.5525

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CORN-SEP18	05-07-18	13:32-15:30			3.58	05-07-18 13:46	1259.343945	Other	NA	Electronic	3.5525	3.58
CORN-SEP18	09-07-18	13:32-15:30			3.51	09-07-18 14:16	1234.719902	Other	NA	Electronic	3.51	3.5375
CORN-SEP18	13-07-18	09:32-11:30			3.4475	13-07-18 10:55	1212.734148	Other	NA	Electronic	3.42	3.4475
CORN-SEP18	16-07-18	13:32-15:30			3.44	16-07-18 13:36	1210.095858	Other	NA	Electronic	3.4125	3.44
CORN-SEP18	19-07-18	15:32-17:30			3.49	19-07-18 16:48	1258.464515	Other	NA	Electronic	3.49	3.5175
CORN-SEP18	20-07-18	13:32-15:30			3.5275	20-07-18 14:09	1218.010729	Other	NA	Electronic	3.53	3.5575
CORN-SEP18	23-07-18	13:32-15:30			3.5475	23-07-18 15:01	2506.375868	Other	NA	Electronic	3.5475	3.575
CORN-SEP18	25-07-18	13:32-15:30			3.58	25-07-18 14:01	2506.375868	Other	NA	Electronic	3.58	3.6075
CORN-SEP18	26-07-18	11:32-13:30			3.665	26-07-18 11:49	1289.24457	Other	NA	Electronic	3.6375	3.665
CORN-SEP18	27-07-18	15:32-17:30			3.5975	27-07-18 17:19	1212.734148	Other	NA	Electronic	3.5975	3.625
CORN-SEP18	30-07-18	09:32-11:30			3.665	30-07-18 10:37	1289.24457	Other	NA	Electronic	3.6375	3.665
CORN-SEP18	30-07-18	11:32-13:30			3.6725	30-07-18 12:06	1291.88286	Other	NA	Electronic	3.645	3.6725
CORN-SEP18	30-07-18	13:32-15:30			3.6675	30-07-18 14:19	1269.017677	Other	NA	Electronic	3.6675	3.695
CORN-SEP18	31-07-18	13:32-15:30			3.7175	31-07-18 13:35	1270.776537	Other	NA	Electronic	3.7175	3.745
CORN-SEP18	31-07-18	15:32-17:30			3.675	31-07-18 16:48	1267.258816	Other	NA	Electronic	3.675	3.7025

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CORN-SEP18	01-08-18	11:32-13:30			3.6825	01-08-18 12:31	2592.560021	Other	NA	Electronic	3.6825	3.71
CORN-SEP18	01-08-18	13:32-15:30			3.7	01-08-18 13:37	1289.24457	Other	NA	Electronic	3.7	3.7275
CORN-SEP18	01-08-18	15:30-15:32	3.6625	1288.365139								
CORN-SEP18	02-08-18	11:32-13:30			3.705	02-08-18 12:16	1303.315452	Other	NA	Electronic	3.6775	3.705
CORN-SEP18	10-08-18	09:32-11:30			3.7075	10-08-18 10:10	1290.124	Other	NA	Electronic	3.68	3.7075
CORN-SEP18	10-08-18	13:32-15:30			3.65	10-08-18 15:13	1289.24457	Other	NA	Electronic	3.65	3.6775
CORN-SEP18	13-08-18	15:32-17:30			3.57	13-08-18 15:40	1255.826225	Other	NA	Electronic	3.5425	3.57
CORN-SEP18	15-08-18	09:32-11:30			3.595	15-08-18 10:21	1264.620526	Other	NA	Electronic	3.595	3.6225
CORN-SEP18	15-08-18	13:32-15:30			3.64	15-08-18 13:48	1280.450268	Other	NA	Electronic	3.6125	3.64
CORN-SEP18	17-08-18	09:32-11:30			3.675	17-08-18 10:33	1292.76229	Other	NA	Electronic	3.6475	3.675
CORN-SEP18	17-08-18	13:32-15:30			3.6775	17-08-18 14:05	1293.64172	Other	NA	Electronic	3.65	3.6775
CORN-SEP18	17-08-18	15:32-17:30			3.625	17-08-18 15:32	1295.40058	Other	NA	Electronic	3.625	3.6525
CORN-SEP18	21-08-18	15:32-17:30			3.615	21-08-18 16:33	1271.655967	Other	NA	Electronic	3.5875	3.615
CORN-SEP18	23-08-18	13:32-15:30			3.4875	23-08-18 13:36	1271.655967	Other	NA	Electronic	3.4875	3.5175
CORN-SEP18	27-08-18	09:32-11:30			3.44	27-08-18 10:06	1210.095858	Other	NA	Electronic	3.44	3.4675

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CORN-SEP18	27-08-18	13:32-15:30			3.48	27-08-18 14:01	1224.16674	Other	NA	Electronic	3.4525	3.48
CORN-SEP18	29-08-18	13:32-15:30			3.4075	29-08-18 13:40	1224.16674	Other	NA	Electronic	3.4075	3.435
Corticeira Amorim	23-07-18	09:32-11:30			11.177	23-07-18 09:59	111.77	Other	NA	Electronic	11.177	11.304
Costco	16-07-18	15:32-17:30			214.59	16-07-18 16:47	1887.169114	Other	NA	Electronic	214.37	214.59
Costco	17-07-18	13:32-15:30			215.1	17-07-18 13:40	1884.70671	Other	NA	Electronic	215.1	215.51
Costco	13-09-18	15:32-17:30			242.63	13-09-18 16:00	4267.522645	Other	NA	Electronic	242.63	242.83
COTTO-DEC18	21-09-18	13:32-15:30			0.7932	21-09-18 14:15	6975.639785	Other	NA	Electronic	0.7885	0.7932
COTTO-DEC18	27-09-18	11:32-13:30			0.7808	27-09-18 12:05	6866.590449	Other	NA	Electronic	0.7808	0.7855
COTTO-OCT18	05-07-18	11:32-13:30			0.8414	05-07-18 12:03	7524.404186	Other	NA	Electronic	0.8359	0.8414
COTTO-OCT18	09-07-18	09:32-11:30			0.8622	09-07-18 10:01	7582.446575	Other	NA	Electronic	0.8622	0.8696
COTTO-OCT18	09-07-18	11:32-13:30			0.8569	09-07-18 13:25	7535.836778	Other	NA	Electronic	0.8569	0.8621
COTTO-OCT18	10-07-18	13:32-15:30			0.871	10-07-18 13:51	7659.836426	Other	NA	Electronic	0.867	0.871
COTTO-OCT18	11-07-18	09:32-11:30			0.8572	11-07-18 09:41	7535.836778	Other	NA	Electronic	0.8508	0.8572
COTTO-OCT18	27-07-18	09:32-11:30			0.8868	27-07-18 10:51	7798.786386	Other	NA	Electronic	0.8823	0.8868
COTTO-OCT18	27-07-18	13:32-15:30			0.8871	27-07-18 13:38	7798.786386	Other	NA	Electronic	0.8871	0.8911

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COTTO-OCT18	01-08-18	09:32-11:30			0.8986	01-08-18 11:18	7802.304107	Other	NA	Electronic	0.8946	0.8986
COTTO-OCT18	02-08-18	11:32-13:30			0.893	02-08-18 13:08	7853.311054	Other	NA	Electronic	0.8889	0.893
COTTO-OCT18	06-08-18	15:32-17:30			0.8905	06-08-18 16:04	7831.325301	Other	NA	Electronic	0.886	0.8905
COTTO-OCT18	10-08-18	15:32-17:30			0.8597	10-08-18 16:25	15120.92164	Other	NA	Electronic	0.8597	0.8642
COTTO-OCT18	06-09-18	13:32-15:30			0.8114	06-09-18 15:05	7271.128309	Other	NA	Electronic	0.8114	0.8154
CreditAgric	03-07-18	11:32-13:30			11.467	03-07-18 12:25	1146.7	Other	NA	Electronic	11.467	11.499
CreditAgric	12-07-18	09:32-11:30			11.324	12-07-18 11:07	113.24	Other	NA	Electronic	11.292	11.324
CreditAgric	13-07-18	09:32-11:30			11.392	13-07-18 09:58	113.64	Other	NA	Electronic	11.392	11.424
CreditAgric	26-07-18	13:32-15:30			11.587	26-07-18 14:49	113.24	Other	NA	Electronic	11.587	11.619
CreditAgric	27-07-18	09:32-11:30			11.852	27-07-18 11:02	118.29	Other	NA	Electronic	11.852	11.884
CreditAgric	30-07-18	13:32-15:30			11.872	30-07-18 13:55	237.78	Other	NA	Electronic	11.872	11.904
CreditAgric	01-08-18	11:32-13:30			11.994	01-08-18 12:52	139.92	Other	NA	Electronic	11.962	11.994
CreditAgric	02-08-18	13:32-15:30			11.924	02-08-18 14:27	119.24	Other	NA	Electronic	11.892	11.924
CreditAgric	03-08-18	09:32-11:30			12.227	03-08-18 09:52	121.29	Other	NA	Electronic	12.227	12.259
CreditAgric	03-08-18	13:32-15:30			12.342	03-08-18 13:34	122.79	Other	NA	Electronic	12.342	12.374

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CreditAgric	06-08-18	11:32-13:30			12.364	06-08-18 12:32	123.64	Other	NA	Electronic	12.332	12.364
CreditAgric	07-08-18	09:32-11:30			12.489	07-08-18 09:54	124.8	Other	NA	Electronic	12.489	12.52
CreditAgric	10-08-18	11:32-13:30			12.089	10-08-18 13:29	120.97	Other	NA	Electronic	12.057	12.089
CreditAgric	14-08-18	11:32-13:30			11.797	14-08-18 13:17	117.97	Other	NA	Electronic	11.797	11.828
CreditAgric	15-08-18	09:32-11:30			11.751	15-08-18 10:43	352.53	Other	NA	Electronic	11.751	11.784
CreditAgric	15-08-18	13:32-15:30			11.659	15-08-18 14:57	116.59	Other	NA	Electronic	11.659	11.69
CreditAgric	04-09-18	09:32-11:30			11.938	04-09-18 09:35	119.38	Other	NA	Electronic	11.905	11.938
CreditAgric	04-09-18	11:32-13:30			11.973	04-09-18 11:35	119.38	Other	NA	Electronic	11.973	12.004
CreditAgric	18-09-18	11:32-13:30			12.429	18-09-18 12:17	125.5	Other	NA	Electronic	12.429	12.46
CreditAgric	19-09-18	13:32-15:30			12.634	19-09-18 13:38	252.68	Other	NA	Electronic	12.603	12.634
CreditAgric	20-09-18	09:32-11:30			12.903	20-09-18 10:33	127.74	Other	NA	Electronic	12.903	12.934
CreditAgric	20-09-18	13:32-15:30			12.916	20-09-18 14:37	116.59	Other	NA	Electronic	12.885	12.916
CreditAgric	21-09-18	09:32-11:30			12.993	21-09-18 10:10	131.06	Other	NA	Electronic	12.993	13.026
CreditAgric	28-09-18	11:32-13:30			12.36	28-09-18 12:56	123.6	Other	NA	Electronic	12.329	12.36
CreditSuiss	04-07-18	13:32-15:30			14.77	04-07-18 14:47	130.7172189	Other	NA	Electronic	14.73	14.77



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CreditSuiss	12-07-18	09:32-11:30			14.86	12-07-18 11:09	131.5137355	Other	NA	Electronic	14.81	14.86
CreditSuiss	13-07-18	13:32-15:30			14.87	13-07-18 14:55	131.5137355	Other	NA	Electronic	14.87	14.91
CreditSuiss	24-08-18	13:32-15:30			14.81	24-08-18 14:57	131.0712263	Other	NA	Electronic	14.77	14.81
CreditSuiss	21-09-18	09:32-11:30			15.37	21-09-18 10:52	136.0273294	Other	NA	Electronic	15.33	15.37
CRH	05-09-18	13:32-15:30			25.509	05-09-18 15:12	283.1093304	Other	NA	Electronic	25.461	25.509
CSX	24-08-18	15:32-17:30			74.95	24-08-18 16:28	659.1328819	Other	NA	Electronic	74.95	75.01
CSX	29-08-18	15:32-17:30			74.88	29-08-18 15:57	659.1328819	Other	NA	Electronic	74.82	74.88
Ctrip	06-08-18	15:32-17:30			40.67	06-08-18 17:03	357.6642336	Other	NA	Electronic	40.59	40.67
Ctrip	08-08-18	15:32-17:30			40.65	08-08-18 17:26	357.4883476	Other	NA	Electronic	40.58	40.65
Ctrip	10-08-18	13:32-15:30			40.01	10-08-18 13:40	357.4883476	Other	NA	Electronic	40.01	40.08
Ctrip	13-08-18	13:32-15:30			39.84	13-08-18 13:43	700.729927	Other	NA	Electronic	39.76	39.84
Ctrip	14-08-18	13:32-15:30			40.08	14-08-18 13:49	352.4755958	Other	NA	Electronic	40.01	40.08
Ctrip	14-08-18	15:32-17:30			39.34	14-08-18 15:55	352.4755958	Other	NA	Electronic	39.34	39.42
Ctrip	15-08-18	13:32-15:30			38.3	15-08-18 13:46	673.643479	Other	NA	Electronic	38.22	38.3
Ctrip	07-09-18	15:32-17:30			38.58	07-09-18 16:30	367.513851	Other	NA	Electronic	38.52	38.58

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Ctrip	12-09-18	13:32-15:30			35.99	12-09-18 14:20	700.729927	Other	NA	Electronic	35.99	36.07
CTT-Correios	12-07-18	13:32-15:30			2.892	12-07-18 13:43	28.92	Other	NA	Electronic	2.892	2.912
CTT-Correios	17-07-18	11:32-13:30			2.93	17-07-18 13:21	29.3	Other	NA	Electronic	2.93	2.95
CTT-Correios	17-07-18	13:32-15:30			2.938	17-07-18 14:45	29.38	Other	NA	Electronic	2.938	2.954
CTT-Correios	18-07-18	11:32-13:30			2.944	18-07-18 13:15	29.44	Other	NA	Electronic	2.944	2.964
CTT-Correios	25-07-18	09:32-11:30			3.052	25-07-18 10:09	30.86	Other	NA	Electronic	3.052	3.076
CTT-Correios	25-07-18	11:32-13:30			3.08	25-07-18 12:03	30.8	Other	NA	Electronic	3.056	3.08
CTT-Correios	26-07-18	13:32-15:30			3.046	26-07-18 13:48	60.92	Other	NA	Electronic	3.024	3.046
CTT-Correios	27-07-18	09:32-11:30			3.074	27-07-18 09:37	60.48	Other	NA	Electronic	3.056	3.074
CTT-Correios	01-08-18	09:32-11:30			2.956	01-08-18 11:12	304.4	Other	NA	Electronic	2.932	2.956
CTT-Correios	31-08-18	09:32-11:30			3.344	31-08-18 10:52	33.44	Other	NA	Electronic	3.344	3.37
CTT-Correios	03-09-18	09:32-11:30			3.342	03-09-18 10:01	66.84	Other	NA	Electronic	3.342	3.364
CTT-Correios	03-09-18	13:32-15:30			3.372	03-09-18 14:35	33.44	Other	NA	Electronic	3.356	3.372
CTT-Correios	04-09-18	11:32-13:30			3.374	04-09-18 12:33	33.74	Other	NA	Electronic	3.354	3.374
CTT-Correios	25-09-18	09:32-11:30			3.378	25-09-18 11:23	202.68	Other	NA	Electronic	3.352	3.378

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CTT-Correios	26-09-18	11:32-13:30			3.364	26-09-18 12:04	33.64	Other	NA	Electronic	3.364	3.384
CVS	12-07-18	15:32-17:30			69.73	12-07-18 17:01	613.2266291	Other	NA	Electronic	69.58	69.73
CVS	13-07-18	13:32-15:30			69.19	13-07-18 13:57	1208.161112	Other	NA	Electronic	69.19	69.3
CVS	23-07-18	13:32-15:30			65.7	23-07-18 14:00	577.7855949	Other	NA	Electronic	65.7	65.78
CVS	30-07-18	13:32-15:30			67.01	30-07-18 13:50	589.3061296	Other	NA	Electronic	66.92	67.01
CVS	05-09-18	13:32-15:30			73.57	05-09-18 14:51	646.9967461	Other	NA	Electronic	73.51	73.57
CVS	05-09-18	15:32-17:30			73.48	05-09-18 16:00	646.205259	Other	NA	Electronic	73.4	73.48
Daimler	02-07-18	11:32-13:30			56.04	02-07-18 13:01	6532	Other	NA	Electronic	56.04	56.2
Daimler	03-07-18	13:32-15:30			56.12	03-07-18 13:56	561.2	Other	NA	Electronic	56.12	56.27
Daimler	04-07-18	13:32-15:30			56.46	04-07-18 15:05	561.2	Other	NA	Electronic	56.31	56.46
Daimler	06-07-18	09:32-11:30			58.6	06-07-18 09:43	585.3	Other	NA	Electronic	58.6	58.75
Daimler	09-07-18	11:32-13:30			57.5	09-07-18 11:56	1166.2	Other	NA	Electronic	57.5	57.66
Daimler	11-07-18	11:32-13:30			57.32	11-07-18 12:10	1150.4	Other	NA	Electronic	57.17	57.32
Daimler	16-07-18	09:32-11:30			57.04	16-07-18 10:03	1140.8	Other	NA	Electronic	57.04	57.2
Daimler	16-07-18	11:32-13:30			57.04	16-07-18 13:05	1140.8	Other	NA	Electronic	56.89	57.04

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Daimler	16-07-18	13:30-13:32	57.13	1142.6								
Daimler	18-07-18	13:32-15:30			58.26	18-07-18 13:40	582.4	Other	NA	Electronic	58.11	58.26
Daimler	19-07-18	09:32-11:30			58.43	19-07-18 11:25	586.1	Other	NA	Electronic	58.43	58.59
Daimler	24-07-18	13:32-15:30			59.18	24-07-18 14:21	618.6	Other	NA	Electronic	59.18	59.33
Daimler	27-07-18	09:32-11:30			59.2	27-07-18 10:11	591.6	Other	NA	Electronic	59.2	59.36
Daimler	27-07-18	11:32-13:30			59.27	27-07-18 11:48	711.2	Other	NA	Electronic	59.27	59.43
Daimler	30-07-18	13:32-15:30			59.32	30-07-18 14:28	2485.6	Other	NA	Electronic	59.32	59.48
Daimler	31-07-18	13:32-15:30			59.25	31-07-18 13:57	623.5	Other	NA	Electronic	59.25	59.41
Daimler	01-08-18	11:32-13:30			58.19	01-08-18 12:52	652.8	Other	NA	Electronic	58.19	58.34
Daimler	07-08-18	09:32-11:30			58.9	07-08-18 10:16	585.8	Other	NA	Electronic	58.9	59.05
Daimler	14-08-18	11:32-13:30			56.33	14-08-18 13:06	2253.2	Other	NA	Electronic	56.17	56.33
Daimler	20-08-18	09:32-11:30			55.43	20-08-18 10:48	554.3	Other	NA	Electronic	55.28	55.43
Daimler	21-08-18	13:32-15:30			56.03	21-08-18 15:10	560.3	Other	NA	Electronic	55.88	56.03
Daimler	22-08-18	09:32-11:30			55.14	22-08-18 09:37	551.4	Other	NA	Electronic	54.95	55.14
Daimler	23-08-18	09:32-11:30			54.8	23-08-18 09:58	2187.2	Other	NA	Electronic	54.8	54.95

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Daimler	27-08-18	13:32-15:30			56.08	27-08-18 14:16	560.8	Other	NA	Electronic	55.92	56.08
Daimler	28-08-18	11:32-13:30			56.73	28-08-18 12:46	554.3	Other	NA	Electronic	56.73	56.88
Daimler	28-08-18	13:32-15:30			56.44	28-08-18 14:37	560.3	Other	NA	Electronic	56.44	56.59
Daimler	30-08-18	09:32-11:30			56.91	30-08-18 10:39	1674.3	Other	NA	Electronic	56.91	57.08
Daimler	03-09-18	09:32-11:30			55.13	03-09-18 10:28	551.3	Other	NA	Electronic	54.98	55.13
Daimler	10-09-18	09:32-11:30			54.37	10-09-18 10:15	2243.4	Other	NA	Electronic	54.37	54.52
Daimler	21-09-18	13:32-15:30			57.4	21-09-18 14:31	1146.6	Other	NA	Electronic	57.4	57.56
Danone	02-07-18	11:32-13:30			63.015	02-07-18 12:36	625.35	Other	NA	Electronic	63.015	63.165
Danone	02-07-18	13:32-15:30			63.525	02-07-18 14:07	635.15	Other	NA	Electronic	63.525	63.675
Danone	05-07-18	13:32-15:30			65.435	05-07-18 13:55	646.75	Other	NA	Electronic	65.435	65.585
Danone	19-07-18	11:32-13:30			65.685	19-07-18 12:06	1311.3	Other	NA	Electronic	65.685	65.825
Danone	27-07-18	09:32-11:30			67.025	27-07-18 10:22	3345.25	Other	NA	Electronic	67.025	67.185
Danone	27-07-18	11:32-13:30			67.025	27-07-18 12:35	8044.2	Other	NA	Electronic	67.025	67.185
Danone	27-07-18	13:32-15:30			67.275	27-07-18 14:48	2030.55	Other	NA	Electronic	67.275	67.415
DassaultSystem	18-09-18	11:32-13:30			131.727	18-09-18 13:22	1317.27	Other	NA	Electronic	131.373	131.727

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
DassaultSystem	19-09-18	11:32-13:30			130.673	19-09-18 13:11	1317.27	Other	NA	Electronic	130.673	131.027
Davide Cam-pari	04-07-18	09:32-11:30			7.191	04-07-18 10:41	215.73	Other	NA	Electronic	7.174	7.191
Davide Cam-pari	04-07-18	13:32-15:30			7.164	04-07-18 14:30	69.51	Other	NA	Electronic	7.164	7.186
Davide Cam-pari	06-07-18	13:32-15:30			7.366	06-07-18 14:34	515.62	Other	NA	Electronic	7.349	7.366
Davide Cam-pari	18-07-18	11:32-13:30			7.469	18-07-18 11:54	143.52	Other	NA	Electronic	7.469	7.486
Davide Cam-pari	20-07-18	09:32-11:30			7.621	20-07-18 10:15	152.42	Other	NA	Electronic	7.599	7.621
Davide Cam-pari	23-07-18	09:32-11:30			7.706	23-07-18 09:40	77.06	Other	NA	Electronic	7.684	7.706
Davide Cam-pari	23-07-18	11:32-13:30			7.711	23-07-18 11:53	154.22	Other	NA	Electronic	7.689	7.711
Davide Cam-pari	23-07-18	13:32-15:30			7.639	23-07-18 13:35	227.88	Other	NA	Electronic	7.639	7.656
Davide Cam-pari	26-07-18	11:32-13:30			7.551	26-07-18 12:10	75.51	Other	NA	Electronic	7.529	7.551
Davide Cam-pari	10-08-18	13:32-15:30			7.289	10-08-18 13:46	72.89	Other	NA	Electronic	7.289	7.306
Davide Cam-pari	21-08-18	11:32-13:30			7.744	21-08-18 12:10	386.05	Other	NA	Electronic	7.744	7.761
Davide Cam-pari	28-08-18	13:32-15:30			7.544	28-08-18 15:21	232.98	Other	NA	Electronic	7.544	7.566
Davide Cam-pari	05-09-18	13:32-15:30			7.479	05-09-18 14:33	232.23	Other	NA	Electronic	7.479	7.501
Davide Cam-pari	14-09-18	11:32-13:30			7.376	14-09-18 12:05	222.87	Other	NA	Electronic	7.354	7.376

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Davide Cam-pari	20-09-18	09:32-11:30			7.234	20-09-18 10:00	217.02	Other	NA	Electronic	7.234	7.251
Davide Cam-pari	25-09-18	09:32-11:30			7.226	25-09-18 10:09	217.02	Other	NA	Electronic	7.204	7.226
Deere	09-07-18	15:32-17:30			144.48	09-07-18 16:28	1270.600651	Other	NA	Electronic	144.48	144.72
Deere	08-08-18	13:32-15:30			145.27	08-08-18 13:54	1277.548149	Other	NA	Electronic	145.04	145.27
Deere	09-08-18	13:32-15:30			139.31	09-08-18 13:40	1277.548149	Other	NA	Electronic	139.31	139.71
Delta	11-07-18	13:32-15:30			49.34	11-07-18 13:49	433.9108258	Other	NA	Electronic	49.25	49.34
Delta	11-07-18	15:32-17:30			49.56	11-07-18 16:38	433.9108258	Other	NA	Electronic	49.56	49.62
Delta	12-07-18	13:32-15:30			50.05	12-07-18 13:41	436.4611732	Other	NA	Electronic	50.05	50.15
Delta	17-07-18	13:32-15:30			51.2	17-07-18 14:04	444.8157594	Other	NA	Electronic	51.2	51.26
Delta	17-07-18	15:32-17:30			51.44	17-07-18 15:33	452.3788585	Other	NA	Electronic	51.38	51.44
Delta	18-07-18	13:32-15:30			53.06	18-07-18 13:41	904.757717	Other	NA	Electronic	53.06	53.16
Delta	26-07-18	13:32-15:30			52.86	26-07-18 13:50	929.7335327	Other	NA	Electronic	52.8	52.88
Delta	14-08-18	13:32-15:30			54.72	14-08-18 14:23	985.3135168	Other	NA	Electronic	54.72	54.78
Delta	27-09-18	13:32-15:30			58.32	27-09-18 13:43	512.8836514	Other	NA	Electronic	58.26	58.32
Dentsply Sirona	26-07-18	15:32-17:30			46.9	26-07-18 17:29	412.4527306	Other	NA	Electronic	46.83	46.9

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Dentsply Sirona	30-07-18	13:32-15:30			47.79	30-07-18 13:44	412.4527306	Other	NA	Electronic	47.79	47.89
Dentsply Sirona	07-08-18	13:32-15:30			39.56	07-08-18 13:40	2087.415355	Other	NA	Electronic	39.4	39.56
Dentsply Sirona	08-08-18	13:32-15:30			40.11	08-08-18 13:49	2087.415355	Other	NA	Electronic	40.11	40.19
DeutschBank	02-07-18	09:32-11:30			9.099	02-07-18 09:54	89.91	Other	NA	Electronic	9.099	9.126
DeutschBank	02-07-18	13:32-15:30			9.155	02-07-18 13:54	90.39	Other	NA	Electronic	9.155	9.183
DeutschBank	03-07-18	09:32-11:30			9.288	03-07-18 10:02	185.76	Other	NA	Electronic	9.288	9.315
DeutschBank	03-07-18	13:32-15:30			9.238	03-07-18 13:58	1024.65	Other	NA	Electronic	9.238	9.267
DeutschBank	04-07-18	09:32-11:30			9.297	04-07-18 10:53	92.97	Other	NA	Electronic	9.269	9.297
DeutschBank	05-07-18	09:32-11:30			9.643	05-07-18 10:00	96.43	Other	NA	Electronic	9.616	9.643
DeutschBank	05-07-18	11:32-13:30			9.623	05-07-18 11:53	93.41	Other	NA	Electronic	9.623	9.652
DeutschBank	05-07-18	13:32-15:30			9.54	05-07-18 13:32	192.28	Other	NA	Electronic	9.514	9.54
DeutschBank	06-07-18	09:30-09:32	10.012	400.48								
DeutschBank	06-07-18	11:30-11:32	9.824	298.86								
DeutschBank	06-07-18	13:32-15:30			9.813	06-07-18 13:44	98.13	Other	NA	Electronic	9.782	9.813
DeutschBank	09-07-18	09:32-11:30			9.657	09-07-18 09:50	984.5	Other	NA	Electronic	9.657	9.685



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DeutschBank	09-07-18	11:32-13:30			9.697	09-07-18 13:06	96.97	Other	NA	Electronic	9.67	9.697
DeutschBank	09-07-18	13:32-15:30			9.75	09-07-18 15:12	491.75	Other	NA	Electronic	9.75	9.777
DeutschBank	10-07-18	09:32-11:30			9.699	10-07-18 10:37	96.97	Other	NA	Electronic	9.699	9.727
DeutschBank	11-07-18	13:32-15:30			9.649	11-07-18 13:37	667.03	Other	NA	Electronic	9.62	9.649
DeutschBank	13-07-18	11:32-13:30			9.757	13-07-18 12:07	99.5	Other	NA	Electronic	9.726	9.757
DeutschBank	16-07-18	09:32-11:30			10.39	16-07-18 09:39	415.6	Other	NA	Electronic	10.362	10.39
DeutschBank	17-07-18	09:32-11:30			10.188	17-07-18 11:21	96.25	Other	NA	Electronic	10.188	10.218
DeutschBank	17-07-18	13:32-15:30			10.108	17-07-18 14:13	96.18	Other	NA	Electronic	10.108	10.138
DeutschBank	18-07-18	09:32-11:30			10.214	18-07-18 11:26	103.26	Other	NA	Electronic	10.186	10.214
DeutschBank	23-07-18	13:32-15:30			10.332	23-07-18 15:15	103.32	Other	NA	Electronic	10.332	10.36
DeutschBank	24-07-18	09:30-09:32	10.402	104.02								
DeutschBank	26-07-18	11:32-13:30			10.524	26-07-18 12:43	105.24	Other	NA	Electronic	10.494	10.524
DeutschBank	27-07-18	09:32-11:30			10.604	27-07-18 11:15	106.04	Other	NA	Electronic	10.604	10.634
DeutschBank	30-07-18	09:32-11:30			10.85	30-07-18 10:12	631.8	Other	NA	Electronic	10.85	10.878
DeutschBank	31-07-18	13:32-15:30			11.192	31-07-18 15:20	98.47	Other	NA	Electronic	11.192	11.22

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DeutschBank	01-08-18	11:32-13:30			11.03	01-08-18 12:30	319.06	Other	NA	Electronic	11.03	11.056
DeutschBank	02-08-18	13:32-15:30			10.692	02-08-18 13:49	106.92	Other	NA	Electronic	10.692	10.72
DeutschBank	08-08-18	11:32-13:30			10.884	08-08-18 11:40	108.84	Other	NA	Electronic	10.884	10.914
DeutschBank	10-08-18	09:32-11:30			10.332	10-08-18 10:10	933.3	Other	NA	Electronic	10.3	10.332
DeutschBank	10-08-18	11:32-13:30			10.272	10-08-18 12:12	102.72	Other	NA	Electronic	10.272	10.302
DeutschBank	10-08-18	13:32-15:30			10.176	10-08-18 13:38	101.76	Other	NA	Electronic	10.146	10.176
DeutschBank	13-08-18	09:32-11:30			9.987	13-08-18 11:07	99.87	Other	NA	Electronic	9.987	10.016
DeutschBank	13-08-18	11:32-13:30			10.086	13-08-18 11:53	99.87	Other	NA	Electronic	10.058	10.086
DeutschBank	14-08-18	11:32-13:30			10.106	14-08-18 11:34	102.7	Other	NA	Electronic	10.106	10.134
DeutschBank	14-08-18	13:32-15:30			10.008	14-08-18 14:48	100.08	Other	NA	Electronic	10.008	10.034
DeutschBank	15-08-18	09:32-11:30			9.939	15-08-18 09:51	99.48	Other	NA	Electronic	9.911	9.939
DeutschBank	15-08-18	11:32-13:30			9.812	15-08-18 11:36	98.12	Other	NA	Electronic	9.783	9.812
DeutschBank	15-08-18	13:32-15:30			9.828	15-08-18 13:34	982.8	Other	NA	Electronic	9.8	9.828
DeutschBank	16-08-18	09:32-11:30			9.85	16-08-18 09:52	197	Other	NA	Electronic	9.824	9.85
DeutschBank	16-08-18	13:32-15:30			9.895	16-08-18 14:05	1979	Other	NA	Electronic	9.869	9.895

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
DeutschBank	17-08-18	09:32-11:30			9.749	17-08-18 10:17	97.49	Other	NA	Electronic	9.722	9.749
DeutschBank	23-08-18	13:32-15:30			9.837	23-08-18 13:47	98.92	Other	NA	Electronic	9.809	9.837
DeutschBank	28-08-18	13:32-15:30			9.875	28-08-18 15:13	98.76	Other	NA	Electronic	9.875	9.9
DeutschBank	29-08-18	11:32-13:30			9.941	29-08-18 11:55	497.05	Other	NA	Electronic	9.941	9.968
DeutschBank	30-08-18	09:32-11:30			9.867	30-08-18 10:43	1472.1	Other	NA	Electronic	9.867	9.893
DeutschBank	30-08-18	11:32-13:30			9.783	30-08-18 13:20	489.15	Other	NA	Electronic	9.783	9.811
DeutschBank	31-08-18	09:30-09:32	9.723	486.15								
DeutschBank	04-09-18	09:32-11:30			9.814	04-09-18 10:44	99.41	Other	NA	Electronic	9.814	9.843
DeutschBank	04-09-18	11:32-13:30			9.759	04-09-18 13:24	97.59	Other	NA	Electronic	9.759	9.787
DeutschBank	04-09-18	13:32-15:30			9.81	04-09-18 14:48	98.1	Other	NA	Electronic	9.781	9.81
DeutschBank	05-09-18	09:32-11:30			9.96	05-09-18 10:17	97.59	Other	NA	Electronic	9.928	9.96
DeutschBank	06-09-18	11:32-13:30			9.829	06-09-18 11:57	98.22	Other	NA	Electronic	9.829	9.858
DeutschBank	06-09-18	13:32-15:30			9.793	06-09-18 14:17	1741.5	Other	NA	Electronic	9.793	9.821
DeutschBank	07-09-18	09:32-11:30			9.538	07-09-18 10:28	381.52	Other	NA	Electronic	9.538	9.568
DeutschBank	07-09-18	11:32-13:30			9.49	07-09-18 12:14	482.25	Other	NA	Electronic	9.462	9.49

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DeutschBank	11-09-18	11:32-13:30			9.481	11-09-18 13:04	480.75	Other	NA	Electronic	9.454	9.481
DeutschBank	12-09-18	09:32-11:30			9.57	12-09-18 10:00	1914	Other	NA	Electronic	9.543	9.57
DeutschBank	13-09-18	13:32-15:30			9.817	13-09-18 13:43	9585	Other	NA	Electronic	9.817	9.847
DeutschBank	14-09-18	09:32-11:30			9.789	14-09-18 10:38	97.89	Other	NA	Electronic	9.762	9.789
DeutschBank	18-09-18	09:30-09:32	9.892	196.94								
DeutschBank	18-09-18	13:32-15:30			9.913	18-09-18 14:53	98.1	Other	NA	Electronic	9.913	9.942
DeutschBank	19-09-18	13:32-15:30			10.062	19-09-18 13:40	96.17	Other	NA	Electronic	10.062	10.09
DeutschBank	20-09-18	09:32-11:30			10.31	20-09-18 10:54	98.35	Other	NA	Electronic	10.31	10.338
DeutschBank	20-09-18	11:32-13:30			10.324	20-09-18 11:55	992.7	Other	NA	Electronic	10.324	10.35
DeutschBank	24-09-18	09:32-11:30			10.498	24-09-18 10:23	524.9	Other	NA	Electronic	10.498	10.526
DeutschBank	25-09-18	13:32-15:30			10.45	25-09-18 14:32	104.5	Other	NA	Electronic	10.45	10.478
DeutschBank	27-09-18	13:32-15:30			10.196	27-09-18 15:06	203.92	Other	NA	Electronic	10.196	10.224
DeutschBank	28-09-18	09:32-11:30			9.894	28-09-18 09:51	338	Other	NA	Electronic	9.894	9.923
DeutschBank	28-09-18	13:32-15:30			9.88	28-09-18 15:23	98.8	Other	NA	Electronic	9.853	9.88
DeutschPost	06-07-18	11:32-13:30			27.204	06-07-18 11:48	272.04	Other	NA	Electronic	27.204	27.286

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DeutschPost	09-07-18	13:32-15:30			27.896	09-07-18 15:12	835.32	Other	NA	Electronic	27.814	27.896
DeutschPost	10-07-18	09:32-11:30			28.476	10-07-18 10:44	284.76	Other	NA	Electronic	28.394	28.476
DeutschPost	19-07-18	09:32-11:30			28.874	19-07-18 09:45	288.74	Other	NA	Electronic	28.874	28.956
DeutschPost	25-07-18	13:32-15:30			28.856	25-07-18 13:45	288.74	Other	NA	Electronic	28.764	28.856
DeutschPost	01-08-18	09:32-11:30			30.216	01-08-18 10:29	302.16	Other	NA	Electronic	30.134	30.216
DeutschPost	01-08-18	11:32-13:30			29.964	01-08-18 12:30	276.56	Other	NA	Electronic	29.964	30.046
DeutschPost	02-08-18	13:32-15:30			29.474	02-08-18 14:37	302.16	Other	NA	Electronic	29.474	29.556
DeutschPost	08-08-18	09:32-11:30			30.846	08-08-18 10:07	308.64	Other	NA	Electronic	30.764	30.846
DeutschPost	10-08-18	11:32-13:30			30.814	10-08-18 11:51	308.14	Other	NA	Electronic	30.814	30.896
DeutschPost	17-08-18	09:32-11:30			31.036	17-08-18 11:04	308.14	Other	NA	Electronic	30.924	31.036
DeutschPost	18-09-18	13:32-15:30			31.684	18-09-18 13:50	305.56	Other	NA	Electronic	31.684	31.766
Devon	02-07-18	13:32-15:30			43.17	02-07-18 13:41	1575.938792	Other	NA	Electronic	43.17	43.24
Devon	25-09-18	13:32-15:30			41.79	25-09-18 13:41	367.513851	Other	NA	Electronic	41.72	41.79
DIA	03-07-18	09:32-11:30			2.624	03-07-18 09:53	551.04	Other	NA	Electronic	2.615	2.624
DIA	03-07-18	13:32-15:30			2.626	03-07-18 15:11	1313	Other	NA	Electronic	2.617	2.626

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DIA	04-07-18	11:32-13:30			2.656	04-07-18 13:28	1885.76	Other	NA	Electronic	2.646	2.656
DIA	04-07-18	13:32-15:30			2.654	04-07-18 13:35	557.34	Other	NA	Electronic	2.646	2.654
DIA	05-07-18	09:32-11:30			2.655	05-07-18 11:09	1088.55	Other	NA	Electronic	2.644	2.655
DIA	05-07-18	11:30-11:32	2.643	913.55								
DIA	06-07-18	09:32-11:30			2.691	06-07-18 09:32	834.21	Other	NA	Electronic	2.681	2.691
DIA	06-07-18	13:32-15:30			2.664	06-07-18 13:50	559.44	Other	NA	Electronic	2.655	2.664
DIA	09-07-18	11:32-13:30			2.689	09-07-18 12:39	161.34	Other	NA	Electronic	2.689	2.698
DIA	10-07-18	13:30-13:32	2.7	540								
DIA	16-07-18	11:32-13:30			2.147	16-07-18 13:13	107.55	Other	NA	Electronic	2.138	2.147
DIA	16-07-18	13:32-15:30			2.142	16-07-18 14:56	214.2	Other	NA	Electronic	2.142	2.151
DIA	17-07-18	09:32-11:30			2.121	17-07-18 10:33	2678.52	Other	NA	Electronic	2.121	2.131
DIA	17-07-18	11:32-13:30			2.075	17-07-18 11:47	1885.76	Other	NA	Electronic	2.075	2.084
DIA	17-07-18	13:32-15:30			2.111	17-07-18 14:46	105.55	Other	NA	Electronic	2.103	2.111
DIA	18-07-18	11:32-13:30			2.108	18-07-18 12:49	316.2	Other	NA	Electronic	2.108	2.122
DIA	20-07-18	09:32-11:30			2.034	20-07-18 10:26	834.21	Other	NA	Electronic	2.034	2.044

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DIA	23-07-18	13:32-15:30			2.088	23-07-18 14:27	41.76	Other	NA	Electronic	2.078	2.088
DIA	24-07-18	13:32-15:30			2.107	24-07-18 14:56	210.7	Other	NA	Electronic	2.107	2.116
DIA	26-07-18	13:32-15:30			2.269	26-07-18 15:03	209.1	Other	NA	Electronic	2.269	2.278
DIA	27-07-18	09:32-11:30			2.184	27-07-18 10:20	87.36	Other	NA	Electronic	2.184	2.194
DIA	01-08-18	09:32-11:30			1.871	01-08-18 09:33	187.1	Other	NA	Electronic	1.871	1.88
DIA	01-08-18	11:32-13:30			1.869	01-08-18 12:23	187.1	Other	NA	Electronic	1.858	1.869
DIA	03-08-18	09:32-11:30			1.99	03-08-18 10:12	19.93	Other	NA	Electronic	1.99	2.003
DIA	06-08-18	09:32-11:30			2.127	06-08-18 10:06	106.35	Other	NA	Electronic	2.113	2.127
DIA	06-08-18	13:30-13:32	2.107	80.4								
DIA	07-08-18	11:32-13:30			2.036	07-08-18 13:00	40.72	Other	NA	Electronic	2.027	2.036
DIA	07-08-18	13:32-15:30			2.025	07-08-18 13:36	202.5	Other	NA	Electronic	2.025	2.035
DIA	08-08-18	09:32-11:30			2.024	08-08-18 10:30	1203.6	Other	NA	Electronic	2.015	2.024
DIA	08-08-18	11:32-13:30			1.983	08-08-18 13:01	1169.97	Other	NA	Electronic	1.983	1.994
DIA	08-08-18	13:32-15:30			2.052	08-08-18 15:17	40.72	Other	NA	Electronic	2.052	2.06
DIA	10-08-18	09:32-11:30			2.123	10-08-18 10:10	955.35	Other	NA	Electronic	2.105	2.123

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DIA	13-08-18	11:32-13:30			2.043	13-08-18 13:21	20.43	Other	NA	Electronic	2.032	2.043
DIA	15-08-18	13:32-15:30			1.937	15-08-18 13:56	19.37	Other	NA	Electronic	1.927	1.937
DIA	21-08-18	09:32-11:30			2.029	21-08-18 11:16	106.35	Other	NA	Electronic	2.029	2.039
DIA	22-08-18	13:32-15:30			2.047	22-08-18 14:30	20.47	Other	NA	Electronic	2.039	2.047
DIA	24-08-18	09:30-09:32	2.153	21.53								
DIA	28-08-18	11:32-13:30			2.258	28-08-18 11:45	22.58	Other	NA	Electronic	2.258	2.268
DIA	29-08-18	13:32-15:30			2.242	29-08-18 14:34	20.06	Other	NA	Electronic	2.233	2.242
DIA	31-08-18	09:32-11:30			2.089	31-08-18 10:07	20.89	Other	NA	Electronic	2.08	2.089
DIA	31-08-18	11:32-13:30			2.057	31-08-18 13:09	20.47	Other	NA	Electronic	2.057	2.067
DIA	03-09-18	13:32-15:30			2.052	03-09-18 13:37	66.51	Other	NA	Electronic	2.04	2.052
DIA	05-09-18	11:32-13:30			1.942	05-09-18 13:17	77.68	Other	NA	Electronic	1.942	1.951
DIA	05-09-18	13:32-15:30			1.956	05-09-18 13:55	97.8	Other	NA	Electronic	1.947	1.956
DIA	06-09-18	13:32-15:30			1.912	06-09-18 14:59	19.04	Other	NA	Electronic	1.903	1.912
DIA	07-09-18	09:32-11:30			1.831	07-09-18 10:52	18.31	Other	NA	Electronic	1.831	1.844
DIA	07-09-18	11:32-13:30			1.83	07-09-18 11:39	821.64	Other	NA	Electronic	1.822	1.83



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DIA	07-09-18	13:32-15:30			1.863	07-09-18 15:22	37.26	Other	NA	Electronic	1.854	1.863
DIA	10-09-18	09:32-11:30			1.861	10-09-18 09:38	279.15	Other	NA	Electronic	1.861	1.872
DIA	10-09-18	13:32-15:30			1.886	10-09-18 15:09	37.72	Other	NA	Electronic	1.886	1.894
DIA	11-09-18	09:32-11:30			1.863	11-09-18 11:12	18.63	Other	NA	Electronic	1.863	1.873
DIA	12-09-18	09:32-11:30			1.858	12-09-18 09:57	18.58	Other	NA	Electronic	1.858	1.868
DIA	12-09-18	13:32-15:30			1.875	12-09-18 15:20	18.64	Other	NA	Electronic	1.875	1.885
DIA	13-09-18	09:32-11:30			1.884	13-09-18 09:44	56.52	Other	NA	Electronic	1.874	1.884
DIA	13-09-18	13:32-15:30			1.865	13-09-18 14:23	378.4	Other	NA	Electronic	1.857	1.865
DIA	17-09-18	11:32-13:30			1.963	17-09-18 13:19	98.15	Other	NA	Electronic	1.963	1.972
DIA	17-09-18	13:32-15:30			1.961	17-09-18 14:08	98.05	Other	NA	Electronic	1.961	1.971
DIA	21-09-18	09:32-11:30			1.988	21-09-18 09:59	37.26	Other	NA	Electronic	1.988	1.998
DIA	21-09-18	11:30-11:32	1.962	39.24								
DIA	21-09-18	13:32-15:30			1.98	21-09-18 14:12	39.18	Other	NA	Electronic	1.969	1.98
DIA	24-09-18	11:32-13:30			2.004	24-09-18 12:17	100.2	Other	NA	Electronic	2.004	2.012
DIA	25-09-18	11:32-13:30			1.957	25-09-18 12:46	295.65	Other	NA	Electronic	1.947	1.957

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DIA	25-09-18	13:32-15:30			1.944	25-09-18 14:02	97.2	Other	NA	Electronic	1.935	1.944
DIA	28-09-18	09:32-11:30			1.952	28-09-18 09:49	19.52	Other	NA	Electronic	1.942	1.952
DIA	28-09-18	11:32-13:30			1.929	28-09-18 11:45	38.58	Other	NA	Electronic	1.918	1.929
DIA	28-09-18	13:32-15:30			2.021	28-09-18 14:48	20.21	Other	NA	Electronic	2.021	2.032
Diageo	05-07-18	11:32-13:30			27.186	05-07-18 11:49	301.144246	Other	NA	Electronic	27.186	27.229
Diageo	09-07-18	13:32-15:30			27.271	09-07-18 13:54	304.6402451	Other	NA	Electronic	27.271	27.314
Diageo	20-07-18	13:32-15:30			28.699	20-07-18 13:44	637.0265141	Other	NA	Electronic	28.656	28.699
Direct Line	19-09-18	13:32-15:30			3.26	19-09-18 13:57	36.84671987	Other	NA	Electronic	3.23	3.26
Discover Financial	20-09-18	13:32-15:30			79.59	20-09-18 14:00	688.2420192	Other	NA	Electronic	79.59	79.69
Discovery	17-07-18	15:32-17:30			26.41	17-07-18 16:50	243.5142028	Other	NA	Electronic	26.35	26.41
DISH	09-07-18	15:32-17:30			35.66	09-07-18 16:44	308.5040894	Other	NA	Electronic	35.66	35.73
DISH	03-08-18	13:32-15:30			31.5	03-08-18 15:28	529.2410518	Other	NA	Electronic	31.5	31.59
DISH	03-08-18	15:32-17:30			33.89	03-08-18 17:14	298.0388708	Other	NA	Electronic	33.78	33.89
DISH	06-08-18	13:32-15:30			35.12	06-08-18 13:41	298.0388708	Other	NA	Electronic	35.12	35.2
DISH	22-08-18	13:32-15:30			34.89	22-08-18 14:18	306.8331721	Other	NA	Electronic	34.8	34.89

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DISH	28-08-18	15:32-17:30			36.26	28-08-18 16:19	306.6572861	Other	NA	Electronic	36.26	36.33
Disney	03-07-18	13:32-15:30			105.15	03-07-18 14:46	924.7207809	Other	NA	Electronic	105.15	105.26
Disney	03-07-18	15:32-17:30			105.04	03-07-18 16:01	924.7207809	Other	NA	Electronic	104.94	105.04
Disney	05-07-18	13:32-15:30			104.65	05-07-18 13:40	3622.900361	Other	NA	Electronic	104.65	104.78
Disney	11-07-18	13:32-15:30			106.72	11-07-18 14:00	923.4016357	Other	NA	Electronic	106.72	106.83
Disney	12-07-18	13:32-15:30			108.41	12-07-18 13:44	953.3902031	Other	NA	Electronic	108.28	108.41
Disney	17-07-18	13:32-15:30			111.29	17-07-18 13:40	3694.661859	Other	NA	Electronic	111.29	111.48
Disney	23-07-18	13:32-15:30			110.97	23-07-18 13:40	2981.531967	Other	NA	Electronic	110.97	111.09
Disney	26-07-18	13:32-15:30			113.53	26-07-18 14:36	998.4170258	Other	NA	Electronic	113.43	113.53
Disney	26-07-18	15:30-15:32	112.97	49674.61085								
Disney	27-07-18	13:32-15:30			113.53	27-07-18 13:40	998.4170258	Other	NA	Electronic	113.4	113.53
Disney	01-08-18	13:32-15:30			113.23	01-08-18 13:40	998.4170258	Other	NA	Electronic	113.23	113.39
Disney	05-09-18	13:32-15:30			110.34	05-09-18 15:02	970.3632046	Other	NA	Electronic	110.25	110.34
Disney	06-09-18	13:32-15:30			109.35	06-09-18 15:16	970.3632046	Other	NA	Electronic	109.35	109.46
Disney	13-09-18	13:32-15:30			110.21	13-09-18 14:57	7753.759564	Other	NA	Electronic	110.11	110.21

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Disney	13-09-18	15:32-17:30			110.26	13-09-18 16:01	969.6596605	Other	NA	Electronic	110.14	110.26
Disney	14-09-18	15:32-17:30			109	14-09-18 17:10	969.6596605	Other	NA	Electronic	109	109.1
Disney	17-09-18	13:32-15:30			108.89	17-09-18 13:52	7753.759564	Other	NA	Electronic	108.89	109.02
Disney	21-09-18	13:32-15:30			111.3	21-09-18 13:59	978.8057339	Other	NA	Electronic	111.17	111.3
Disney	24-09-18	13:32-15:30			112.57	24-09-18 13:40	978.8057339	Other	NA	Electronic	112.57	112.78
Disney	25-09-18	13:32-15:30			113.51	25-09-18 13:45	990.6780406	Other	NA	Electronic	113.51	113.66
Disney	25-09-18	15:32-17:30			114.1	25-09-18 16:17	1003.429778	Other	NA	Electronic	114	114.1
Disney	26-09-18	13:32-15:30			114.63	26-09-18 14:31	999.2964559	Other	NA	Electronic	114.63	114.75
Disney	27-09-18	13:32-15:30			116.14	27-09-18 15:22	958.6667839	Other	NA	Electronic	116.14	116.24
Disney	27-09-18	15:32-17:30			116.37	27-09-18 16:13	5116.964207	Other	NA	Electronic	116.28	116.37
DNB	10-08-18	11:32-13:30			167.202	10-08-18 13:15	171.5978214	Other	NA	Electronic	166.849	167.202
DNB	14-08-18	09:32-11:30			166.349	14-08-18 10:09	171.5978214	Other	NA	Electronic	166.349	166.702
DNO	30-08-18	13:32-15:30			16.507	30-08-18 14:02	16.94097701	Other	NA	Electronic	16.468	16.507
Dollar General	04-09-18	15:32-17:30			109.87	04-09-18 17:09	966.229883	Other	NA	Electronic	109.87	109.97
Dollar Tree	30-08-18	13:32-15:30			83.6	30-08-18 14:42	2205.610764	Other	NA	Electronic	83.51	83.6

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Dollar Tree	30-08-18	15:32-17:30			82.21	30-08-18 16:18	722.9795093	Other	NA	Electronic	82.08	82.21
Dollar Tree	31-08-18	13:32-15:30			80.15	31-08-18 15:05	704.8632486	Other	NA	Electronic	79.99	80.15
Dollar Tree	31-08-18	15:32-17:30			80.3	31-08-18 17:20	704.8632486	Other	NA	Electronic	80.3	80.41
Dollar Tree	04-09-18	13:32-15:30			81.38	04-09-18 13:42	707.501539	Other	NA	Electronic	81.38	81.57
Dollar Tree	11-09-18	13:32-15:30			84.29	11-09-18 14:42	2205.610764	Other	NA	Electronic	84.29	84.4
Dollar Tree	13-09-18	15:32-17:30			84.54	13-09-18 15:37	738.1936505	Other	NA	Electronic	84.54	84.63
DowDuPont	12-07-18	15:32-17:30			66.03	12-07-18 17:23	580.6877144	Other	NA	Electronic	66.03	66.11
DowDuPont	13-07-18	13:32-15:30			66.67	13-07-18 13:48	580.6877144	Other	NA	Electronic	66.6	66.67
DowDuPont	24-08-18	13:32-15:30			69.45	24-08-18 15:21	609.5330226	Other	NA	Electronic	69.45	69.52
DowDuPont	14-09-18	15:32-17:30			68.9	14-09-18 15:52	60592.73591	Other	NA	Electronic	68.9	68.97
DTBoerse	03-07-18	13:32-15:30			115.91	03-07-18 13:49	2318.2	Other	NA	Electronic	115.59	115.91
DTBoerse	04-07-18	11:32-13:30			116.14	04-07-18 13:00	2318.2	Other	NA	Electronic	116.14	116.41
DTBoerse	19-07-18	09:32-11:30			119.96	19-07-18 09:45	1199.6	Other	NA	Electronic	119.69	119.96
DTBoerse	19-07-18	11:32-13:30			119.24	19-07-18 12:08	1199.6	Other	NA	Electronic	119.24	119.51
DTBoerse	20-07-18	11:32-13:30			117.76	20-07-18 12:59	1177.6	Other	NA	Electronic	117.44	117.76

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
DTBoerse	30-07-18	09:32-11:30			113.21	30-07-18 10:54	1132.1	Other	NA	Electronic	112.94	113.21
DTBoerse	08-08-18	13:32-15:30			112.74	08-08-18 13:34	1132.1	Other	NA	Electronic	112.74	113.06
DTBoerse	10-08-18	11:32-13:30			111.39	10-08-18 12:49	1126.1	Other	NA	Electronic	111.39	111.71
DTBoerse	14-08-18	13:32-15:30			113.06	14-08-18 15:06	1130.6	Other	NA	Electronic	112.79	113.06
DTBoerse	15-08-18	13:32-15:30			111.34	15-08-18 14:50	1130.6	Other	NA	Electronic	111.34	111.66
DTTelekom	02-07-18	11:32-13:30			13.232	02-07-18 12:37	131.53	Other	NA	Electronic	13.232	13.263
DTTelekom	04-07-18	09:32-11:30			13.712	04-07-18 09:40	136.83	Other	NA	Electronic	13.712	13.743
DTTelekom	04-07-18	11:32-13:30			13.752	04-07-18 12:30	133.33	Other	NA	Electronic	13.752	13.783
DTTelekom	05-07-18	11:32-13:30			13.838	05-07-18 12:11	132.62	Other	NA	Electronic	13.807	13.838
DTTelekom	06-07-18	11:32-13:30			13.847	06-07-18 12:41	137.88	Other	NA	Electronic	13.847	13.878
DTTelekom	18-07-18	09:32-11:30			13.797	18-07-18 09:43	137.78	Other	NA	Electronic	13.797	13.833
DTTelekom	18-07-18	11:32-13:30			13.843	18-07-18 12:36	138.43	Other	NA	Electronic	13.812	13.843
DTTelekom	19-07-18	09:32-11:30			13.787	19-07-18 10:00	137.87	Other	NA	Electronic	13.787	13.823
DTTelekom	24-07-18	13:32-15:30			13.577	24-07-18 15:07	135.77	Other	NA	Electronic	13.577	13.613
DTTelekom	27-07-18	09:32-11:30			14.288	27-07-18 10:35	137.57	Other	NA	Electronic	14.257	14.288

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
DTTelekom	27-07-18	11:32-13:30			14.192	27-07-18 11:58	141.92	Other	NA	Electronic	14.192	14.223
DTTelekom	30-07-18	11:32-13:30			14.107	30-07-18 11:49	138.43	Other	NA	Electronic	14.107	14.138
DTTelekom	31-07-18	11:32-13:30			14.178	31-07-18 12:03	137.87	Other	NA	Electronic	14.147	14.178
DTTelekom	10-08-18	13:32-15:30			13.887	10-08-18 14:46	137.78	Other	NA	Electronic	13.887	13.918
DTTelekom	29-08-18	09:32-11:30			14.007	29-08-18 09:42	140.07	Other	NA	Electronic	14.007	14.038
DTTelekom	30-08-18	09:32-11:30			13.953	30-08-18 11:24	139.97	Other	NA	Electronic	13.922	13.953
DTTelekom	30-08-18	11:32-13:30			13.907	30-08-18 12:49	139.07	Other	NA	Electronic	13.907	13.938
DTTelekom	31-08-18	13:32-15:30			13.932	31-08-18 14:43	139.32	Other	NA	Electronic	13.932	13.963
DTTelekom	04-09-18	09:32-11:30			13.813	04-09-18 10:06	138.52	Other	NA	Electronic	13.782	13.813
DTTelekom	04-09-18	13:32-15:30			13.693	04-09-18 13:47	137.32	Other	NA	Electronic	13.657	13.693
DTTelekom	05-09-18	11:32-13:30			13.438	05-09-18 13:06	135.07	Other	NA	Electronic	13.402	13.438
Easyjet	11-07-18	09:32-11:30			15.93	11-07-18 10:21	1760.207762	Other	NA	Electronic	15.89	15.93
Easyjet	16-08-18	09:32-11:30			15.71	16-08-18 09:39	1732.461738	Other	NA	Electronic	15.71	15.76
Easyjet	03-09-18	09:32-11:30			15.47	03-09-18 10:21	5150.771894	Other	NA	Electronic	15.47	15.51
Easyjet	03-09-18	11:32-13:30			15.45	03-09-18 11:46	5150.771894	Other	NA	Electronic	15.41	15.45

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Easyjet	10-09-18	09:32-11:30			14.33	10-09-18 09:32	1585.962732	Other	NA	Electronic	14.33	14.37
Easyjet	17-09-18	09:32-11:30			14.22	17-09-18 10:17	4721.263443	Other	NA	Electronic	14.22	14.26
Easyjet	24-09-18	09:32-11:30			13.92	24-09-18 11:09	1544.898616	Other	NA	Electronic	13.87	13.92
Easyjet	27-09-18	13:32-15:30			13.33	27-09-18 14:06	1544.898616	Other	NA	Electronic	13.33	13.37
Ebay	02-07-18	13:32-15:30			36.48	02-07-18 15:02	662.9144314	Other	NA	Electronic	36.42	36.48
Ebay	03-07-18	13:32-15:30			36.86	03-07-18 14:33	338.9323718	Other	NA	Electronic	36.86	36.92
Ebay	05-07-18	15:32-17:30			36.88	05-07-18 15:55	320.9919972	Other	NA	Electronic	36.88	36.94
Ebay	06-07-18	13:32-15:30			37.36	06-07-18 14:57	323.8941166	Other	NA	Electronic	37.3	37.36
Ebay	09-07-18	13:32-15:30			37.76	09-07-18 13:59	1660.364084	Other	NA	Electronic	37.69	37.76
Ebay	11-07-18	15:32-17:30			36.94	11-07-18 15:57	649.7229795	Other	NA	Electronic	36.94	37
Ebay	12-07-18	15:32-17:30			37.71	12-07-18 16:32	335.7664234	Other	NA	Electronic	37.71	37.77
Ebay	13-07-18	13:32-15:30			37.47	13-07-18 13:43	995.6907924	Other	NA	Electronic	37.47	37.54
Ebay	16-07-18	13:32-15:30			37.98	16-07-18 14:19	649.7229795	Other	NA	Electronic	37.92	37.98
Ebay	18-07-18	13:32-15:30			37.75	18-07-18 13:42	331.9848738	Other	NA	Electronic	37.75	37.84
Ebay	18-07-18	15:32-17:30			38.07	18-07-18 16:19	52228.65183	Other	NA	Electronic	38.07	38.13



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Ebay	19-07-18	13:32-15:30			34.79	19-07-18 13:40	328.2912673	Other	NA	Electronic	34.79	34.88
Ebay	19-07-18	15:32-17:30			35.21	19-07-18 16:53	920.4995163	Other	NA	Electronic	35.21	35.27
Ebay	20-07-18	13:32-15:30			34.91	20-07-18 13:49	307.0090581	Other	NA	Electronic	34.84	34.91
Ebay	23-07-18	13:32-15:30			33.84	23-07-18 13:40	307.0090581	Other	NA	Electronic	33.84	33.91
Ebay	24-07-18	13:32-15:30			33.99	24-07-18 14:23	896.7549028	Other	NA	Electronic	33.92	33.99
Ebay	25-07-18	15:32-17:30			33.95	25-07-18 16:55	597.1330578	Other	NA	Electronic	33.89	33.95
Ebay	26-07-18	13:32-15:30			34.49	26-07-18 14:43	909.9463548	Other	NA	Electronic	34.43	34.49
Ebay	27-07-18	15:32-17:30			34	27-07-18 17:00	598.0124879	Other	NA	Electronic	33.94	34
Ebay	01-08-18	15:32-17:30			33.01	01-08-18 16:30	608.5656495	Other	NA	Electronic	33.01	33.07
Ebay	02-08-18	13:32-15:30			33	02-08-18 14:13	909.9463548	Other	NA	Electronic	33	33.07
Ebay	10-08-18	15:32-17:30			34.21	10-08-18 17:27	1542.960162	Other	NA	Electronic	34.21	34.27
Ebay	15-08-18	15:32-17:30			33.73	15-08-18 16:02	296.6317826	Other	NA	Electronic	33.67	33.73
Ebay	29-08-18	15:32-17:30			35.09	29-08-18 16:37	306.8331721	Other	NA	Electronic	35.09	35.15
Ebay	25-09-18	15:32-17:30			33.2	25-09-18 15:35	291.9708029	Other	NA	Electronic	33.14	33.2
Ebay	26-09-18	13:32-15:30			33.55	26-09-18 14:35	290.1239996	Other	NA	Electronic	33.55	33.61

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Ebay	26-09-18	15:32-17:30			33.94	26-09-18 16:14	298.4785859	Other	NA	Electronic	33.94	34
EDP	03-07-18	11:32-13:30			3.436	03-07-18 12:06	34.36	Other	NA	Electronic	3.428	3.436
EDP	05-07-18	11:32-13:30			3.463	05-07-18 13:26	33.72	Other	NA	Electronic	3.463	3.471
EDP	09-07-18	13:32-15:30			3.469	09-07-18 15:07	34.69	Other	NA	Electronic	3.469	3.476
EDP	10-07-18	11:32-13:30			3.514	10-07-18 11:32	35.14	Other	NA	Electronic	3.514	3.523
EDP	23-07-18	09:32-11:30			3.449	23-07-18 10:37	34.49	Other	NA	Electronic	3.449	3.459
EDP	23-07-18	13:32-15:30			3.458	23-07-18 14:18	34.59	Other	NA	Electronic	3.445	3.458
EDP	26-07-18	09:32-11:30			3.446	26-07-18 09:43	34.46	Other	NA	Electronic	3.446	3.456
EDP	30-07-18	13:32-15:30			3.5	30-07-18 14:15	35	Other	NA	Electronic	3.5	3.513
EDP	01-08-18	11:32-13:30			3.497	01-08-18 12:52	101.1	Other	NA	Electronic	3.488	3.497
EDP	01-08-18	13:32-15:30			3.51	01-08-18 15:05	35.1	Other	NA	Electronic	3.51	3.518
EDP	06-08-18	11:32-13:30			3.509	06-08-18 12:56	35.1	Other	NA	Electronic	3.501	3.509
EDP	08-08-18	13:32-15:30			3.459	08-08-18 14:05	34.59	Other	NA	Electronic	3.459	3.467
EDP Ren-ovaveis	12-07-18	09:32-11:30			9.073	12-07-18 10:56	90.73	Other	NA	Electronic	9.022	9.073
EDP Ren-ovaveis	12-07-18	11:32-13:30			8.977	12-07-18 13:28	90.73	Other	NA	Electronic	8.977	9.018

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EDP Renovaveis	16-07-18	13:32-15:30			8.983	16-07-18 14:47	179.66	Other	NA	Electronic	8.952	8.983
EDP Renovaveis	01-08-18	11:32-13:30			8.827	01-08-18 12:52	179.76	Other	NA	Electronic	8.827	8.853
Electronic Arts	24-07-18	13:32-15:30			146.21	24-07-18 13:41	2571.629584	Other	NA	Electronic	145.85	146.21
Electronic Arts	27-07-18	13:32-15:30			135.67	27-07-18 13:40	1291.794917	Other	NA	Electronic	135.67	136.02
Electronic Arts	30-07-18	13:32-15:30			128.93	30-07-18 13:43	1205.171049	Other	NA	Electronic	128.93	129.19
Electronic Arts	16-08-18	15:32-17:30			129.32	16-08-18 16:17	1137.279043	Other	NA	Electronic	129.11	129.32
Electronic Arts	21-08-18	13:32-15:30			127.39	21-08-18 15:08	1120.306042	Other	NA	Electronic	127.11	127.39
Electronic Arts	22-08-18	13:32-15:30			124.4	22-08-18 13:59	1120.306042	Other	NA	Electronic	124.4	124.94
Electronic Arts	23-08-18	13:32-15:30			126.96	23-08-18 13:51	1116.524492	Other	NA	Electronic	126.72	126.96
Electronic Arts	29-08-18	13:32-15:30			128.05	29-08-18 15:04	1116.524492	Other	NA	Electronic	128.05	128.2
Electronic Arts	30-08-18	15:32-17:30			116.81	30-08-18 16:04	1027.262334	Other	NA	Electronic	116.56	116.81
Electronic Arts	31-08-18	13:32-15:30			113.36	31-08-18 14:56	1993.843989	Other	NA	Electronic	113.07	113.36
Electronic Arts	31-08-18	15:32-17:30			114.31	31-08-18 15:33	1005.276581	Other	NA	Electronic	114.1	114.31
Electronic Arts	04-09-18	13:32-15:30			113.84	04-09-18 14:10	1001.143259	Other	NA	Electronic	113.68	113.84
Electronic Arts	10-09-18	13:32-15:30			113.61	10-09-18 13:50	1001.143259	Other	NA	Electronic	113.61	113.91

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Electronic Arts	11-09-18	15:32-17:30			112.07	11-09-18 15:47	985.5773459	Other	NA	Electronic	111.86	112.07
Electronic Arts	12-09-18	13:32-15:30			112.64	12-09-18 13:40	990.5900976	Other	NA	Electronic	112.39	112.64
Electronic Arts	12-09-18	15:32-17:30			113.35	12-09-18 17:23	996.8340515	Other	NA	Electronic	113.12	113.35
Electronic Arts	13-09-18	13:32-15:30			113.45	13-09-18 14:06	991.3815847	Other	NA	Electronic	113.45	113.66
Electronic Arts	13-09-18	15:32-17:30			114.52	13-09-18 17:00	1007.123384	Other	NA	Electronic	114.37	114.52
Electronic Arts	14-09-18	13:32-15:30			115.61	14-09-18 13:47	1007.123384	Other	NA	Electronic	115.61	115.87
Electronic Arts	14-09-18	15:32-17:30			114.38	14-09-18 17:27	1005.892182	Other	NA	Electronic	114.14	114.38
Electronic Arts	18-09-18	15:32-17:30			112.41	18-09-18 15:51	988.5674083	Other	NA	Electronic	112.22	112.41
Electronic Arts	19-09-18	13:32-15:30			111.37	19-09-18 14:59	979.421335	Other	NA	Electronic	111.19	111.37
Electronic Arts	20-09-18	13:32-15:30			112.93	20-09-18 14:12	992.3489579	Other	NA	Electronic	112.97	113.17
Electronic Arts	20-09-18	15:32-17:30			113.93	20-09-18 17:19	988.5674083	Other	NA	Electronic	113.93	114.1
Electronic Arts	21-09-18	13:32-15:30			115.11	21-09-18 13:54	1005.892182	Other	NA	Electronic	115.11	115.39
Electronic Arts	24-09-18	13:32-15:30			114.69	24-09-18 13:43	1008.618415	Other	NA	Electronic	114.47	114.69
Electronic Arts	24-09-18	15:32-17:30			114.4	24-09-18 16:04	1006.243954	Other	NA	Electronic	114.4	114.76
Electronic Arts	25-09-18	13:32-15:30			115.19	25-09-18 14:23	1013.015566	Other	NA	Electronic	114.96	115.19

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Electronic Arts	25-09-18	15:32-17:30			115.93	25-09-18 15:44	1019.523349	Other	NA	Electronic	115.78	115.93
Electronic Arts	26-09-18	13:32-15:30			117.38	26-09-18 13:43	1019.523349	Other	NA	Electronic	117.38	117.79
Eli Lilly	05-07-18	15:32-17:30			86.85	05-07-18 16:30	763.7850673	Other	NA	Electronic	86.85	86.92
Eli Lilly	13-09-18	13:32-15:30			106.38	13-09-18 14:28	935.5377715	Other	NA	Electronic	106.27	106.38
Eli Lilly	18-09-18	13:32-15:30			106.6	18-09-18 15:14	937.4725178	Other	NA	Electronic	106.52	106.6
Eli Lilly	18-09-18	15:32-17:30			106.84	18-09-18 17:06	937.4725178	Other	NA	Electronic	106.84	106.93
Enagas	15-08-18	13:32-15:30			23.599	15-08-18 14:34	2218.68	Other	NA	Electronic	23.599	23.652
Endesa	03-07-18	11:32-13:30			19.273	03-07-18 12:31	963.65	Other	NA	Electronic	19.273	19.317
Endesa	09-07-18	11:32-13:30			19.993	09-07-18 13:00	999.65	Other	NA	Electronic	19.993	20.047
Endesa	15-08-18	13:32-15:30			19.493	15-08-18 14:30	198.12	Other	NA	Electronic	19.493	19.532
Endesa	10-09-18	09:30-09:32	19.283	192.83								
Endesa	10-09-18	11:32-13:30			19.332	10-09-18 11:51	192.83	Other	NA	Electronic	19.288	19.332
Enel	02-07-18	09:32-11:30			4.723	02-07-18 10:02	47.44	Other	NA	Electronic	4.711	4.723
Enel	02-07-18	13:32-15:30			4.745	02-07-18 13:34	47.61	Other	NA	Electronic	4.734	4.745
Enel	03-07-18	09:32-11:30			4.838	03-07-18 10:23	48.06	Other	NA	Electronic	4.838	4.849

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Enel	03-07-18	11:32-13:30			4.854	03-07-18 11:57	48.54	Other	NA	Electronic	4.843	4.854
Enel	05-07-18	09:32-11:30			4.822	05-07-18 11:16	48.22	Other	NA	Electronic	4.822	4.834
Enel	06-07-18	09:32-11:30			4.883	06-07-18 10:50	48.83	Other	NA	Electronic	4.872	4.883
Enel	06-07-18	11:32-13:30			4.86	06-07-18 12:11	48.6	Other	NA	Electronic	4.848	4.86
Enel	12-07-18	09:32-11:30			4.859	12-07-18 10:45	485.1	Other	NA	Electronic	4.859	4.871
Enel	13-07-18	13:32-15:30			4.868	13-07-18 14:18	48.68	Other	NA	Electronic	4.857	4.868
Enel	16-07-18	09:32-11:30			4.842	16-07-18 10:30	48.2	Other	NA	Electronic	4.842	4.854
Enel	17-07-18	11:32-13:30			4.842	17-07-18 12:30	491.6	Other	NA	Electronic	4.842	4.853
Enel	17-07-18	13:32-15:30			4.887	17-07-18 14:38	48.83	Other	NA	Electronic	4.887	4.898
Enel	19-07-18	13:32-15:30			4.9	19-07-18 14:58	49	Other	NA	Electronic	4.888	4.9
Enel	23-07-18	09:32-11:30			4.772	23-07-18 09:51	47.83	Other	NA	Electronic	4.76	4.772
Enel	23-07-18	11:32-13:30			4.778	23-07-18 12:30	1146.72	Other	NA	Electronic	4.766	4.778
Enel	24-07-18	11:32-13:30			4.696	24-07-18 12:39	46.96	Other	NA	Electronic	4.684	4.696
Enel	25-07-18	13:32-15:30			4.667	25-07-18 15:00	46.71	Other	NA	Electronic	4.656	4.667
Enel	31-07-18	09:32-11:30			4.75	31-07-18 09:39	46.97	Other	NA	Electronic	4.738	4.75

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Enel	31-07-18	11:32-13:30			4.767	31-07-18 12:09	47.67	Other	NA	Electronic	4.756	4.767
Enel	01-08-18	09:32-11:30			4.573	01-08-18 10:36	228.65	Other	NA	Electronic	4.562	4.573
Enel	01-08-18	11:32-13:30			4.579	01-08-18 12:30	49.94	Other	NA	Electronic	4.579	4.59
Enel	01-08-18	13:32-15:30			4.577	01-08-18 13:59	228.65	Other	NA	Electronic	4.577	4.589
Enel	06-08-18	09:32-11:30			4.537	06-08-18 10:08	45.37	Other	NA	Electronic	4.525	4.537
Enel	09-08-18	09:32-11:30			4.534	09-08-18 10:59	1146.72	Other	NA	Electronic	4.534	4.546
Enel	17-08-18	09:32-11:30			4.391	17-08-18 09:42	131.73	Other	NA	Electronic	4.391	4.403
Enel	17-08-18	11:32-13:30			4.384	17-08-18 12:41	1315.2	Other	NA	Electronic	4.372	4.384
Enel	20-08-18	11:32-13:30			4.409	20-08-18 11:59	44.09	Other	NA	Electronic	4.397	4.409
Enel	21-08-18	09:32-11:30			4.456	21-08-18 10:32	1315.2	Other	NA	Electronic	4.456	4.468
Enel	23-08-18	11:32-13:30			4.385	23-08-18 12:46	438.5	Other	NA	Electronic	4.385	4.397
Enel	24-08-18	11:32-13:30			4.393	24-08-18 12:31	438.5	Other	NA	Electronic	4.381	4.393
Enel	31-08-18	11:32-13:30			4.255	31-08-18 13:27	45.37	Other	NA	Electronic	4.255	4.266
Enel	31-08-18	13:32-15:30			4.256	31-08-18 15:21	42.56	Other	NA	Electronic	4.256	4.268
Enel	04-09-18	09:32-11:30			4.329	04-09-18 10:27	44.19	Other	NA	Electronic	4.318	4.329

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Enel	06-09-18	09:32-11:30			4.365	06-09-18 10:36	43.65	Other	NA	Electronic	4.353	4.365
Enel	11-09-18	11:32-13:30			4.601	11-09-18 12:17	46.01	Other	NA	Electronic	4.59	4.601
Enel	11-09-18	13:32-15:30			4.555	11-09-18 13:35	44.88	Other	NA	Electronic	4.555	4.567
Enel	12-09-18	09:32-11:30			4.533	12-09-18 11:14	45.7	Other	NA	Electronic	4.533	4.544
Enel	14-09-18	09:32-11:30			4.54	14-09-18 09:54	45.4	Other	NA	Electronic	4.54	4.552
Enel	14-09-18	13:32-15:30			4.521	14-09-18 14:47	181.6	Other	NA	Electronic	4.509	4.521
Enel	17-09-18	13:32-15:30			4.546	17-09-18 14:54	45.46	Other	NA	Electronic	4.534	4.546
Enel	18-09-18	09:32-11:30			4.546	18-09-18 10:45	45.36	Other	NA	Electronic	4.546	4.557
Enel	21-09-18	09:32-11:30			4.602	21-09-18 11:24	46.52	Other	NA	Electronic	4.602	4.614
Enel	21-09-18	13:32-15:30			4.61	21-09-18 14:08	46.1	Other	NA	Electronic	4.61	4.621
Enel	28-09-18	13:32-15:30			4.391	28-09-18 14:39	43.91	Other	NA	Electronic	4.38	4.391
Engie	05-07-18	13:32-15:30			13.564	05-07-18 15:07	135.64	Other	NA	Electronic	13.532	13.564
Engie	06-07-18	13:32-15:30			13.567	06-07-18 14:13	135.64	Other	NA	Electronic	13.567	13.599
Engie	19-07-18	09:32-11:30			13.349	19-07-18 11:10	133.49	Other	NA	Electronic	13.317	13.349
Engie	19-07-18	13:32-15:30			13.409	19-07-18 14:10	134.09	Other	NA	Electronic	13.377	13.409



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Engie	30-07-18	09:32-11:30			13.837	30-07-18 09:37	138.37	Other	NA	Electronic	13.837	13.869
Engie	03-08-18	09:32-11:30			13.474	03-08-18 09:34	134.74	Other	NA	Electronic	13.442	13.474
Engie	03-08-18	11:32-13:30			13.469	03-08-18 11:41	134.69	Other	NA	Electronic	13.437	13.469
Engie	05-09-18	11:32-13:30			12.429	05-09-18 12:22	124.29	Other	NA	Electronic	12.392	12.429
Engie	10-09-18	13:32-15:30			12.497	10-09-18 14:45	124.29	Other	NA	Electronic	12.497	12.529
Engie	11-09-18	09:32-11:30			12.374	11-09-18 11:20	123.74	Other	NA	Electronic	12.342	12.374
Engie	11-09-18	13:32-15:30			12.407	11-09-18 14:08	123.74	Other	NA	Electronic	12.407	12.439
Engie	12-09-18	11:32-13:30			12.329	12-09-18 13:06	123.29	Other	NA	Electronic	12.292	12.329
Engie	12-09-18	13:32-15:30			12.352	12-09-18 13:41	123.29	Other	NA	Electronic	12.352	12.384
Engie	13-09-18	11:32-13:30			12.482	13-09-18 11:48	124.39	Other	NA	Electronic	12.482	12.519
Engie	13-09-18	13:32-15:30			12.409	13-09-18 13:59	124.09	Other	NA	Electronic	12.372	12.409
Engie	14-09-18	13:32-15:30			12.379	14-09-18 14:25	123.79	Other	NA	Electronic	12.347	12.379
Engie	17-09-18	11:32-13:30			12.454	17-09-18 11:44	124.54	Other	NA	Electronic	12.422	12.454
Engie	17-09-18	13:32-15:30			12.472	17-09-18 14:07	124.54	Other	NA	Electronic	12.472	12.504
Engie	18-09-18	09:32-11:30			12.459	18-09-18 09:52	124.82	Other	NA	Electronic	12.427	12.459

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Engie	18-09-18	13:32-15:30			12.439	18-09-18 13:38	124.39	Other	NA	Electronic	12.407	12.439
Engie	19-09-18	09:32-11:30			12.199	19-09-18 10:38	121.99	Other	NA	Electronic	12.167	12.199
Engie	21-09-18	13:32-15:30			12.472	21-09-18 13:49	124.39	Other	NA	Electronic	12.472	12.504
Engie	28-09-18	13:32-15:30			12.592	28-09-18 14:21	251.38	Other	NA	Electronic	12.592	12.624
Eni	02-07-18	11:32-13:30			15.838	02-07-18 12:46	316.76	Other	NA	Electronic	15.838	15.871
Eni	09-07-18	11:32-13:30			16.283	09-07-18 12:10	162.83	Other	NA	Electronic	16.252	16.283
Eni	09-07-18	13:32-15:30			16.289	09-07-18 14:12	162.98	Other	NA	Electronic	16.258	16.289
Eni	11-07-18	13:32-15:30			16.327	11-07-18 13:52	648.56	Other	NA	Electronic	16.294	16.327
Eni	13-07-18	09:32-11:30			16.11	13-07-18 10:01	644.4	Other	NA	Electronic	16.11	16.143
Eni	13-07-18	13:32-15:30			16.281	13-07-18 14:47	644.4	Other	NA	Electronic	16.248	16.281
Eni	16-07-18	09:32-11:30			16.352	16-07-18 09:57	817.75	Other	NA	Electronic	16.352	16.387
Eni	16-07-18	11:32-13:30			16.102	16-07-18 12:41	326.7	Other	NA	Electronic	16.102	16.137
Eni	24-07-18	09:32-11:30			16.093	24-07-18 10:23	161	Other	NA	Electronic	16.058	16.093
Eni	01-08-18	13:32-15:30			16.376	01-08-18 15:18	158.51	Other	NA	Electronic	16.376	16.407
Eni	06-08-18	11:32-13:30			16.12	06-08-18 12:33	322.4	Other	NA	Electronic	16.12	16.153

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Eni	10-08-18	09:32-11:30			16.096	10-08-18 10:20	321.92	Other	NA	Electronic	16.096	16.133
Eni	10-08-18	13:32-15:30			16.093	10-08-18 13:35	321.92	Other	NA	Electronic	16.058	16.093
Eni	13-08-18	09:32-11:30			15.938	13-08-18 10:56	318.76	Other	NA	Electronic	15.938	15.971
Eni	13-08-18	13:32-15:30			15.999	13-08-18 13:50	318.76	Other	NA	Electronic	15.966	15.999
Eni	14-08-18	11:32-13:30			16.098	14-08-18 13:13	321.74	Other	NA	Electronic	16.098	16.129
Eni	16-08-18	13:32-15:30			15.903	16-08-18 13:55	319.2	Other	NA	Electronic	15.87	15.903
Eni	17-08-18	09:32-11:30			15.77	17-08-18 10:08	315.4	Other	NA	Electronic	15.77	15.803
Eni	17-08-18	11:32-13:30			15.754	17-08-18 12:23	160.95	Other	NA	Electronic	15.754	15.787
Eni	03-09-18	09:32-11:30			16.129	03-09-18 10:33	161.29	Other	NA	Electronic	16.094	16.129
Eni	04-09-18	11:32-13:30			16.094	04-09-18 12:04	321.88	Other	NA	Electronic	16.094	16.125
Eni	06-09-18	11:32-13:30			15.928	06-09-18 11:40	159.28	Other	NA	Electronic	15.928	15.963
Eni	07-09-18	09:32-11:30			15.74	07-09-18 09:54	314.8	Other	NA	Electronic	15.74	15.775
Eni	07-09-18	13:32-15:30			15.743	07-09-18 14:12	159.28	Other	NA	Electronic	15.706	15.743
Eni	10-09-18	09:32-11:30			15.778	10-09-18 09:59	157.78	Other	NA	Electronic	15.778	15.815
Eni	11-09-18	09:32-11:30			15.728	11-09-18 10:55	157.28	Other	NA	Electronic	15.728	15.759

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Eni	13-09-18	09:30-09:32	15.946	159.46								
Eni	24-09-18	09:32-11:30			16.227	24-09-18 10:37	161.44	Other	NA	Electronic	16.194	16.227
Eni	24-09-18	11:32-13:30			16.174	24-09-18 13:19	161.29	Other	NA	Electronic	16.174	16.207
Eni	24-09-18	13:32-15:30			16.227	24-09-18 13:36	161.44	Other	NA	Electronic	16.194	16.227
Eni	28-09-18	09:32-11:30			16.376	28-09-18 09:35	163.76	Other	NA	Electronic	16.376	16.411
Eni	28-09-18	11:32-13:30			16.152	28-09-18 11:33	325.42	Other	NA	Electronic	16.152	16.187
Eni	28-09-18	13:32-15:30			16.305	28-09-18 13:50	326.1	Other	NA	Electronic	16.272	16.305
Enterprise-Products	25-09-18	13:32-15:30			29.16	25-09-18 13:46	256.4418257	Other	NA	Electronic	29.1	29.16
Enterprise-Products	25-09-18	15:32-17:30			28.86	25-09-18 16:18	507.6070706	Other	NA	Electronic	28.8	28.86
Enterprise-Products	26-09-18	13:32-15:30			28.73	26-09-18 14:06	254.8588515	Other	NA	Electronic	28.73	28.79
EOG Resources	04-09-18	13:32-15:30			117.64	04-09-18 15:06	1034.561604	Other	NA	Electronic	117.64	117.77
EOG Resources	04-09-18	15:32-17:30			117.13	04-09-18 16:15	1034.561604	Other	NA	Electronic	117	117.13
E.ON	02-07-18	11:32-13:30			9.194	02-07-18 12:37	91.9	Other	NA	Electronic	9.194	9.214
E.ON	03-07-18	13:32-15:30			9.466	03-07-18 13:40	93.67	Other	NA	Electronic	9.466	9.487
E.ON	04-07-18	11:32-13:30			9.63	04-07-18 12:14	2016.63	Other	NA	Electronic	9.63	9.65

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E.ON	05-07-18	09:32-11:30			9.726	05-07-18 09:40	181.98	Other	NA	Electronic	9.726	9.747
E.ON	05-07-18	13:32-15:30			9.775	05-07-18 15:03	94.64	Other	NA	Electronic	9.775	9.794
E.ON	12-07-18	11:32-13:30			9.595	12-07-18 13:00	195.96	Other	NA	Electronic	9.574	9.595
E.ON	12-07-18	13:32-15:30			9.591	12-07-18 13:40	191.82	Other	NA	Electronic	9.572	9.591
E.ON	24-07-18	09:32-11:30			9.644	24-07-18 10:20	192.88	Other	NA	Electronic	9.623	9.644
E.ON	31-07-18	11:32-13:30			9.683	31-07-18 12:03	191.9	Other	NA	Electronic	9.683	9.704
E.ON	01-08-18	11:32-13:30			9.516	01-08-18 12:48	94.27	Other	NA	Electronic	9.516	9.537
E.ON	17-08-18	13:32-15:30			9.468	17-08-18 13:46	94.68	Other	NA	Electronic	9.449	9.468
E.ON	23-08-18	13:32-15:30			9.542	23-08-18 14:36	95.26	Other	NA	Electronic	9.542	9.562
E.ON	27-08-18	13:32-15:30			9.519	27-08-18 14:15	95.19	Other	NA	Electronic	9.499	9.519
E.ON	29-08-18	13:32-15:30			9.293	29-08-18 13:40	95.19	Other	NA	Electronic	9.293	9.314
E.ON	30-08-18	13:32-15:30			9.314	30-08-18 14:41	93.14	Other	NA	Electronic	9.294	9.314
E.ON	31-08-18	11:32-13:30			9.192	31-08-18 12:48	92.41	Other	NA	Electronic	9.173	9.192
E.ON	04-09-18	13:32-15:30			9.045	04-09-18 13:35	95.34	Other	NA	Electronic	9.045	9.065
E.ON	06-09-18	09:32-11:30			8.921	06-09-18 09:39	89.21	Other	NA	Electronic	8.921	8.941

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E.ON	07-09-18	09:32-11:30			8.864	07-09-18 10:28	88.64	Other	NA	Electronic	8.864	8.884
E.ON	10-09-18	11:32-13:30			9.051	10-09-18 12:42	90.51	Other	NA	Electronic	9.03	9.051
E.ON	12-09-18	09:32-11:30			8.84	12-09-18 10:21	1326	Other	NA	Electronic	8.82	8.84
E.ON	12-09-18	13:32-15:30			8.734	12-09-18 13:49	87.34	Other	NA	Electronic	8.734	8.754
E.ON	13-09-18	09:32-11:30			8.884	13-09-18 10:55	88.84	Other	NA	Electronic	8.863	8.884
E.ON	13-09-18	11:30-11:32	8.933	1326								
E.ON	19-09-18	09:32-11:30			8.697	19-09-18 09:58	91.65	Other	NA	Electronic	8.697	8.718
E.ON	21-09-18	11:32-13:30			8.778	21-09-18 12:53	87.78	Other	NA	Electronic	8.758	8.778
E.ON	27-09-18	13:32-15:30			8.895	27-09-18 14:54	88.57	Other	NA	Electronic	8.895	8.915
E.ON	28-09-18	09:32-11:30			8.789	28-09-18 10:17	87.89	Other	NA	Electronic	8.789	8.809
ERG	28-09-18	11:32-13:30			17.258	28-09-18 12:06	172.58	Other	NA	Electronic	17.258	17.373
Ericsson	16-07-18	09:32-11:30			67.29	16-07-18 10:59	65.212651	Other	NA	Electronic	67.29	67.44
Ericsson	18-07-18	11:32-13:30			73.23	18-07-18 13:12	2129.078214	Other	NA	Electronic	73.23	73.38
Ericsson	18-07-18	13:32-15:30			73.02	18-07-18 13:45	2129.078214	Other	NA	Electronic	72.87	73.02
Ericsson	23-07-18	09:32-11:30			72.78	23-07-18 11:03	2848.849887	Other	NA	Electronic	72.65	72.78

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Ericsson	26-07-18	09:32-11:30			71.57	26-07-18 09:49	69.36052062	Other	NA	Electronic	71.57	71.74
Ericsson	26-07-18	13:32-15:30			71.9	26-07-18 13:49	69.36052062	Other	NA	Electronic	71.75	71.9
ETHUSD	18-09-18	15:32-17:30			213.59	18-09-18 17:00	18.78374813	Other	NA	Electronic	209.8	213.59
ETHUSD	19-09-18	09:32-11:30			209.98	19-09-18 09:41	18.08108346	Other	NA	Electronic	205.93	209.98
ETHUSD	19-09-18	11:32-13:30			205.66	19-09-18 12:05	18.08636004	Other	NA	Electronic	201.73	205.66
ETHUSD	19-09-18	13:32-15:30			204.25	19-09-18 13:51	18.08636004	Other	NA	Electronic	204.25	208.25
ETHUSD	20-09-18	15:32-17:30			211.9	20-09-18 15:57	18.63512444	Other	NA	Electronic	208.2	211.9
ETHUSD	21-09-18	09:32-11:30			227.02	21-09-18 10:14	31.94371647	Other	NA	Electronic	223.22	227.02
ETHUSD	21-09-18	11:32-13:30			224.89	21-09-18 12:35	18.71427315	Other	NA	Electronic	224.89	228.78
ETHUSD	21-09-18	13:32-15:30			230.33	21-09-18 13:34	101.2795708	Other	NA	Electronic	226.33	230.33
ETHUSD	21-09-18	15:32-17:30			227.79	21-09-18 15:41	100.1626946	Other	NA	Electronic	224.13	227.79
ETHUSD	24-09-18	11:32-13:30			232.41	24-09-18 13:01	28.33391962	Other	NA	Electronic	232.41	236.17
ETHUSD	24-09-18	13:32-15:30			236.64	24-09-18 14:09	106.7232433	Other	NA	Electronic	232.76	236.64
ETHUSD	25-09-18	09:32-11:30			208.31	25-09-18 10:22	91.59704511	Other	NA	Electronic	208.31	212.26
ETHUSD	25-09-18	11:32-13:30			210.44	25-09-18 12:27	98.17518248	Other	NA	Electronic	206.32	210.44

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
ETHUSD	25-09-18	13:32-15:30			212.1	25-09-18 14:51	18.17957963	Other	NA	Electronic	208.24	212.1
ETHUSD	26-09-18	11:32-13:30			215.08	26-09-18 12:41	92.34016357	Other	NA	Electronic	215.08	219.11
ETHUSD	26-09-18	13:32-15:30			211.02	26-09-18 14:01	102.6163046	Other	NA	Electronic	211.02	215.06
ETHUSD	26-09-18	15:32-17:30			224.29	26-09-18 15:50	98.62369185	Other	NA	Electronic	220.1	224.29
ETHUSD	27-09-18	09:32-11:30			214.91	27-09-18 09:32	91.11335854	Other	NA	Electronic	211.19	214.91
ETHUSD	28-09-18	09:32-11:30			225	28-09-18 09:51	98.93588954	Other	NA	Electronic	221.11	225
ETHUSD	28-09-18	13:32-15:30			226.87	28-09-18 14:12	299.2744701	Other	NA	Electronic	222.98	226.87
EU50Cash	02-07-18	09:32-11:30			3,371.30	02-07-18 10:43	337.13	Other	NA	Electronic	3,368.70	3,371.30
EU50Cash	02-07-18	11:32-13:30			3,374.70	02-07-18 12:04	337.47	Other	NA	Electronic	3,374.70	3,377.30
EU50Cash	02-07-18	13:32-15:30			3,379.30	02-07-18 13:36	337.47	Other	NA	Electronic	3,376.70	3,379.30
EU50Cash	02-07-18	15:32-17:30			3,368.70	02-07-18 15:41	336.87	Other	NA	Electronic	3,368.70	3,371.30
EU50Cash	03-07-18	09:32-11:30			3,407.70	03-07-18 09:37	340.77	Other	NA	Electronic	3,407.70	3,410.30
EU50Cash	03-07-18	11:32-13:30			3,415.70	03-07-18 11:49	1707.85	Other	NA	Electronic	3,415.70	3,418.30
EU50Cash	03-07-18	13:32-15:30			3,416.30	03-07-18 13:49	341.63	Other	NA	Electronic	3,413.70	3,416.30
EU50Cash	03-07-18	15:32-17:30			3,400.30	03-07-18 16:49	3400.7	Other	NA	Electronic	3,397.70	3,400.30



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EU50Cash	04-07-18	09:32-11:30			3,414.70	04-07-18 09:39	1706.65	Other	NA	Electronic	3,414.70	3,417.30
EU50Cash	04-07-18	11:32-13:30			3,410.70	04-07-18 12:31	3410.7	Other	NA	Electronic	3,410.70	3,413.30
EU50Cash	04-07-18	13:32-15:30			3,407.70	04-07-18 13:49	3397.3	Other	NA	Electronic	3,407.70	3,410.30
EU50Cash	04-07-18	15:32-17:30			3,415.30	04-07-18 15:40	341.53	Other	NA	Electronic	3,412.70	3,415.30
EU50Cash	05-07-18	09:32-11:30			3,446.30	05-07-18 09:54	3435.7	Other	NA	Electronic	3,443.70	3,446.30
EU50Cash	05-07-18	11:32-13:30			3,453.70	05-07-18 11:34	344.83	Other	NA	Electronic	3,453.70	3,456.30
EU50Cash	05-07-18	13:32-15:30			3,441.30	05-07-18 13:34	3441.7	Other	NA	Electronic	3,438.70	3,441.30
EU50Cash	05-07-18	15:32-17:30			3,448.70	05-07-18 16:17	3448.7	Other	NA	Electronic	3,448.70	3,451.30
EU50Cash	06-07-18	09:32-11:30			3,443.30	06-07-18 09:45	345.37	Other	NA	Electronic	3,440.70	3,443.30
EU50Cash	06-07-18	11:30-11:32	3,439.30	3438.7								
EU50Cash	06-07-18	15:32-17:30			3,448.70	06-07-18 15:32	344.87	Other	NA	Electronic	3,448.70	3,451.30
EU50Cash	09-07-18	09:32-11:30			3,459.70	09-07-18 10:42	3459.7	Other	NA	Electronic	3,459.70	3,462.30
EU50Cash	09-07-18	11:32-13:30			3,452.70	09-07-18 11:33	344.73	Other	NA	Electronic	3,452.70	3,455.30
EU50Cash	09-07-18	13:32-15:30			3,460.30	09-07-18 13:41	3460.7	Other	NA	Electronic	3,457.70	3,460.30
EU50Cash	10-07-18	09:32-11:30			3,468.70	10-07-18 10:10	3468.7	Other	NA	Electronic	3,468.70	3,471.30

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EU50Cash	10-07-18	11:32-13:30			3,468.30	10-07-18 12:25	3468.7	Other	NA	Electronic	3,465.70	3,468.30
EU50Cash	10-07-18	13:32-15:30			3,476.30	10-07-18 13:40	345.77	Other	NA	Electronic	3,473.70	3,476.30
EU50Cash	11-07-18	09:32-11:30			3,438.30	11-07-18 11:03	1031.49	Other	NA	Electronic	3,435.70	3,438.30
EU50Cash	11-07-18	11:30-11:32	3,429.70	1031.49								
EU50Cash	11-07-18	13:32-15:30			3,425.30	11-07-18 14:00	3434.7	Other	NA	Electronic	3,422.70	3,425.30
EU50Cash	12-07-18	09:32-11:30			3,429.70	12-07-18 10:13	3429.3	Other	NA	Electronic	3,429.70	3,432.30
EU50Cash	12-07-18	13:32-15:30			3,436.30	12-07-18 13:39	3435.7	Other	NA	Electronic	3,433.70	3,436.30
EU50Cash	12-07-18	15:32-17:30			3,449.30	12-07-18 16:01	3449.3	Other	NA	Electronic	3,446.70	3,449.30
EU50Cash	13-07-18	11:32-13:30			3,456.30	13-07-18 12:45	345.63	Other	NA	Electronic	3,453.70	3,456.30
EU50Cash	13-07-18	13:32-15:30			3,451.70	13-07-18 13:41	3394.3	Other	NA	Electronic	3,451.70	3,454.30
EU50Cash	16-07-18	09:32-11:30			3,450.70	16-07-18 10:44	6901.4	Other	NA	Electronic	3,450.70	3,453.30
EU50Cash	16-07-18	11:32-13:30			3,448.30	16-07-18 12:19	6901.4	Other	NA	Electronic	3,445.70	3,448.30
EU50Cash	16-07-18	13:32-15:30			3,452.70	16-07-18 13:36	6905.4	Other	NA	Electronic	3,452.70	3,455.30
EU50Cash	17-07-18	09:32-11:30			3,445.70	17-07-18 09:57	3445.7	Other	NA	Electronic	3,445.70	3,448.30
EU50Cash	17-07-18	11:32-13:30			3,432.30	17-07-18 12:02	343.23	Other	NA	Electronic	3,429.70	3,432.30

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EU50Cash	17-07-18	13:32-15:30			3,446.70	17-07-18 14:20	3446.7	Other	NA	Electronic	3,446.70	3,449.30
EU50Cash	17-07-18	15:30-15:32	3,457.37	1037.21								
EU50Cash	18-07-18	09:32-11:30			3,481.70	18-07-18 09:39	347.13	Other	NA	Electronic	3,481.70	3,484.30
EU50Cash	18-07-18	11:32-13:30			3,479.30	18-07-18 12:37	3479.7	Other	NA	Electronic	3,476.70	3,479.30
EU50Cash	18-07-18	13:32-15:30			3,479.70	18-07-18 13:42	347.97	Other	NA	Electronic	3,479.70	3,482.30
EU50Cash	18-07-18	15:32-17:30			3,489.30	18-07-18 16:08	3478.7	Other	NA	Electronic	3,486.70	3,489.30
EU50Cash	19-07-18	11:32-13:30			3,469.70	19-07-18 13:13	3469.7	Other	NA	Electronic	3,469.70	3,472.30
EU50Cash	19-07-18	13:32-15:30			3,471.70	19-07-18 13:46	3471.7	Other	NA	Electronic	3,471.70	3,474.30
EU50Cash	19-07-18	15:32-17:30			3,473.30	19-07-18 15:59	347.77	Other	NA	Electronic	3,470.70	3,473.30
EU50Cash	20-07-18	09:32-11:30			3,475.30	20-07-18 10:12	3475.3	Other	NA	Electronic	3,472.70	3,475.30
EU50Cash	20-07-18	11:32-13:30			3,450.70	20-07-18 12:33	34633	Other	NA	Electronic	3,450.70	3,453.30
EU50Cash	20-07-18	13:32-15:30			3,439.30	20-07-18 13:32	3439.3	Other	NA	Electronic	3,436.70	3,439.30
EU50Cash	20-07-18	15:32-17:30			3,458.70	20-07-18 16:50	10308.9	Other	NA	Electronic	3,458.70	3,461.30
EU50Cash	23-07-18	15:32-17:30			3,461.30	23-07-18 16:36	3461.3	Other	NA	Electronic	3,458.70	3,461.30
EU50Cash	24-07-18	09:32-11:30			3,489.30	24-07-18 09:38	6978.6	Other	NA	Electronic	3,486.70	3,489.30

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EU50Cash	24-07-18	11:32-13:30			3,489.70	24-07-18 13:24	3488.3	Other	NA	Electronic	3,489.70	3,492.30
EU50Cash	24-07-18	13:32-15:30			3,484.70	24-07-18 14:15	3484.7	Other	NA	Electronic	3,484.70	3,487.30
EU50Cash	24-07-18	15:30-15:32	3,483.70	348.37								
EU50Cash	25-07-18	09:32-11:30			3,476.70	25-07-18 09:37	3476.7	Other	NA	Electronic	3,476.70	3,479.30
EU50Cash	25-07-18	13:32-15:30			3,473.30	25-07-18 13:52	3476.7	Other	NA	Electronic	3,470.70	3,473.30
EU50Cash	25-07-18	15:32-17:30			3,468.70	25-07-18 15:55	1040.61	Other	NA	Electronic	3,468.70	3,471.30
EU50Cash	26-07-18	09:32-11:30			3,498.70	26-07-18 09:37	3498.7	Other	NA	Electronic	3,498.70	3,501.30
EU50Cash	26-07-18	13:32-15:30			3,495.70	26-07-18 14:00	3473.3	Other	NA	Electronic	3,495.70	3,498.30
EU50Cash	26-07-18	15:32-17:30			3,512.30	26-07-18 15:32	3465.7	Other	NA	Electronic	3,509.70	3,512.30
EU50Cash	27-07-18	09:32-11:30			3,524.70	27-07-18 09:50	3524.3	Other	NA	Electronic	3,524.70	3,527.30
EU50Cash	27-07-18	11:32-13:30			3,527.30	27-07-18 11:44	352.73	Other	NA	Electronic	3,524.70	3,527.30
EU50Cash	27-07-18	13:32-15:30			3,519.70	27-07-18 13:40	352.73	Other	NA	Electronic	3,519.70	3,522.30
EU50Cash	27-07-18	15:32-17:30			3,511.70	27-07-18 16:50	1044.09	Other	NA	Electronic	3,511.70	3,514.30
EU50Cash	30-07-18	09:32-11:30			3,511.70	30-07-18 09:44	703.26	Other	NA	Electronic	3,511.70	3,514.30
EU50Cash	30-07-18	11:32-13:30			3,522.30	30-07-18 12:17	702.34	Other	NA	Electronic	3,519.70	3,522.30

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EU50Cash	30-07-18	13:32-15:30			3,516.70	30-07-18 14:37	342.63	Other	NA	Electronic	3,516.70	3,519.30
EU50Cash	30-07-18	15:32-17:30			3,513.30	30-07-18 15:49	3480.7	Other	NA	Electronic	3,510.70	3,513.30
EU50Cash	31-07-18	09:32-11:30			3,517.70	31-07-18 10:00	3517.7	Other	NA	Electronic	3,517.70	3,520.30
EU50Cash	31-07-18	11:32-13:30			3,532.30	31-07-18 13:26	3517.7	Other	NA	Electronic	3,529.70	3,532.30
EU50Cash	31-07-18	13:32-15:30			3,534.30	31-07-18 15:02	3485.7	Other	NA	Electronic	3,531.70	3,534.30
EU50Cash	01-08-18	09:32-11:30			3,515.70	01-08-18 10:02	703.14	Other	NA	Electronic	3,515.70	3,518.30
EU50Cash	01-08-18	11:32-13:30			3,508.30	01-08-18 12:03	1754.35	Other	NA	Electronic	3,505.70	3,508.30
EU50Cash	01-08-18	13:32-15:30			3,512.70	01-08-18 14:56	3516.3	Other	NA	Electronic	3,512.70	3,515.30
EU50Cash	02-08-18	09:32-11:30			3,466.30	02-08-18 09:41	346.63	Other	NA	Electronic	3,463.70	3,466.30
EU50Cash	02-08-18	11:32-13:30			3,469.70	02-08-18 11:35	346.97	Other	NA	Electronic	3,469.70	3,472.30
EU50Cash	03-08-18	11:32-13:30			3,490.30	03-08-18 11:34	698.06	Other	NA	Electronic	3,487.70	3,490.30
EU50Cash	03-08-18	13:32-15:30			3,472.30	03-08-18 13:56	6944.6	Other	NA	Electronic	3,469.70	3,472.30
EU50Cash	06-08-18	09:32-11:30			3,494.70	06-08-18 11:17	348.03	Other	NA	Electronic	3,494.70	3,497.30
EU50Cash	06-08-18	11:30-11:32	3,493.70	349.37								
EU50Cash	06-08-18	13:32-15:30			3,479.30	06-08-18 14:12	349.37	Other	NA	Electronic	3,476.70	3,479.30

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EU50Cash	07-08-18	09:32-11:30			3,509.30	07-08-18 09:35	350.93	Other	NA	Electronic	3,506.70	3,509.30
EU50Cash	07-08-18	11:32-13:30			3,506.70	07-08-18 11:58	346.63	Other	NA	Electronic	3,506.70	3,509.30
EU50Cash	08-08-18	11:32-13:30			3,497.30	08-08-18 13:16	349.73	Other	NA	Electronic	3,494.70	3,497.30
EU50Cash	09-08-18	11:32-13:30			3,490.70	09-08-18 12:57	349.03	Other	NA	Electronic	3,490.70	3,493.30
EU50Cash	10-08-18	11:32-13:30			3,437.70	10-08-18 11:55	343.77	Other	NA	Electronic	3,437.70	3,440.30
EU50Cash	10-08-18	13:32-15:30			3,424.70	10-08-18 13:53	342.47	Other	NA	Electronic	3,424.70	3,427.30
EU50Cash	10-08-18	15:32-17:30			3,424.30	10-08-18 16:41	342.43	Other	NA	Electronic	3,421.70	3,424.30
EU50Cash	13-08-18	09:32-11:30			3,407.30	13-08-18 09:46	341.77	Other	NA	Electronic	3,404.70	3,407.30
EU50Cash	13-08-18	11:32-13:30			3,410.30	13-08-18 11:53	341.27	Other	NA	Electronic	3,406.70	3,409.30
EU50Cash	14-08-18	13:32-15:30			3,399.70	14-08-18 14:04	342.93	Other	NA	Electronic	3,399.70	3,402.30
EU50Cash	15-08-18	09:32-11:30			3,399.30	15-08-18 10:32	340.97	Other	NA	Electronic	3,396.70	3,399.30
EU50Cash	15-08-18	11:32-13:30			3,368.30	15-08-18 11:52	347.67	Other	NA	Electronic	3,365.70	3,368.30
EU50Cash	15-08-18	13:32-15:30			3,357.70	15-08-18 13:55	3415.3	Other	NA	Electronic	3,357.70	3,360.30
EU50Cash	15-08-18	15:32-17:30			3,348.70	15-08-18 15:54	334.87	Other	NA	Electronic	3,348.70	3,351.30
EU50Cash	16-08-18	09:32-11:30			3,376.30	16-08-18 10:12	337.63	Other	NA	Electronic	3,373.70	3,376.30

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50Cash	16-08-18	11:32-13:30			3,373.30	16-08-18 12:41	3373.3	Other	NA	Electronic	3,370.70	3,373.30
EU50Cash	16-08-18	13:32-15:30			3,380.30	16-08-18 15:05	337.07	Other	NA	Electronic	3,377.70	3,380.30
EU50Cash	16-08-18	15:32-17:30			3,380.70	16-08-18 16:03	3380.7	Other	NA	Electronic	3,380.70	3,383.30
EU50Cash	20-08-18	09:32-11:30			3,390.70	20-08-18 10:23	3383.3	Other	NA	Electronic	3,390.70	3,393.30
EU50Cash	20-08-18	11:32-13:30			3,398.30	20-08-18 12:35	339.83	Other	NA	Electronic	3,395.70	3,398.30
EU50Cash	20-08-18	13:32-15:30			3,403.70	20-08-18 14:09	340.37	Other	NA	Electronic	3,403.70	3,406.30
EU50Cash	21-08-18	09:30-09:32	3,418.30	1010.31								
EU50Cash	21-08-18	11:32-13:30			3,422.30	21-08-18 11:52	342.23	Other	NA	Electronic	3,419.70	3,422.30
EU50Cash	21-08-18	13:32-15:30			3,422.70	21-08-18 13:52	341.93	Other	NA	Electronic	3,422.70	3,425.30
EU50Cash	21-08-18	15:32-17:30			3,417.70	21-08-18 16:54	340.33	Other	NA	Electronic	3,417.70	3,420.30
EU50Cash	22-08-18	09:32-11:30			3,428.70	22-08-18 11:15	342.43	Other	NA	Electronic	3,428.70	3,431.30
EU50Cash	22-08-18	11:32-13:30			3,418.70	22-08-18 12:23	341.87	Other	NA	Electronic	3,418.70	3,421.30
EU50Cash	22-08-18	13:32-15:30			3,419.70	22-08-18 14:29	341.73	Other	NA	Electronic	3,419.70	3,422.30
EU50Cash	23-08-18	15:32-17:30			3,422.30	23-08-18 15:34	342.23	Other	NA	Electronic	3,419.70	3,422.30
EU50Cash	24-08-18	11:32-13:30			3,428.70	24-08-18 12:00	342.43	Other	NA	Electronic	3,428.70	3,431.30

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50Cash	27-08-18	13:32-15:30			3,456.30	27-08-18 14:14	345.63	Other	NA	Electronic	3,453.70	3,456.30
EU50Cash	28-08-18	15:32-17:30			3,448.70	28-08-18 16:19	344.87	Other	NA	Electronic	3,448.70	3,451.30
EU50Cash	29-08-18	09:32-11:30			3,439.70	29-08-18 09:38	3373.3	Other	NA	Electronic	3,439.70	3,442.30
EU50Cash	30-08-18	09:32-11:30			3,425.70	30-08-18 10:10	342.57	Other	NA	Electronic	3,425.70	3,428.30
EU50Cash	30-08-18	11:32-13:30			3,433.30	30-08-18 12:21	344.67	Other	NA	Electronic	3,430.70	3,433.30
EU50Cash	30-08-18	13:32-15:30			3,433.30	30-08-18 13:37	342.87	Other	NA	Electronic	3,430.70	3,433.30
EU50Cash	30-08-18	15:32-17:30			3,427.70	30-08-18 16:22	342.77	Other	NA	Electronic	3,427.70	3,430.30
EU50Cash	31-08-18	09:32-11:30			3,395.70	31-08-18 09:55	339.57	Other	NA	Electronic	3,395.70	3,398.30
EU50Cash	31-08-18	11:32-13:30			3,404.30	31-08-18 12:17	3404.3	Other	NA	Electronic	3,401.70	3,404.30
EU50Cash	31-08-18	13:32-15:30			3,404.70	31-08-18 14:17	3404.7	Other	NA	Electronic	3,404.70	3,407.30
EU50Cash	31-08-18	15:32-17:30			3,388.30	31-08-18 15:54	3404.7	Other	NA	Electronic	3,385.70	3,388.30
EU50Cash	03-09-18	11:32-13:30			3,394.70	03-09-18 11:53	3393.3	Other	NA	Electronic	3,394.70	3,397.30
EU50Cash	04-09-18	09:32-11:30			3,365.30	04-09-18 10:32	3365.3	Other	NA	Electronic	3,362.70	3,365.30
EU50Cash	04-09-18	13:32-15:30			3,352.30	04-09-18 13:33	335.23	Other	NA	Electronic	3,349.70	3,352.30
EU50Cash	04-09-18	15:32-17:30			3,355.70	04-09-18 17:19	673.06	Other	NA	Electronic	3,355.70	3,358.30



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50Cash	05-09-18	09:32-11:30			3,337.30	05-09-18 10:35	3337.3	Other	NA	Electronic	3,334.70	3,337.30
EU50Cash	05-09-18	11:32-13:30			3,339.70	05-09-18 11:37	3337.3	Other	NA	Electronic	3,339.70	3,342.30
EU50Cash	05-09-18	15:30-15:32	3,318.30	3318.3								
EU50Cash	06-09-18	09:32-11:30			3,318.70	06-09-18 09:55	3321.3	Other	NA	Electronic	3,318.70	3,321.30
EU50Cash	06-09-18	11:32-13:30			3,322.70	06-09-18 12:07	3322.7	Other	NA	Electronic	3,322.70	3,325.30
EU50Cash	06-09-18	13:32-15:30			3,302.30	06-09-18 14:49	330.77	Other	NA	Electronic	3,299.70	3,302.30
EU50Cash	06-09-18	15:30-15:32	3,295.70	3295.7								
EU50Cash	07-09-18	09:32-11:30			3,281.70	07-09-18 10:12	656.34	Other	NA	Electronic	3,281.70	3,284.30
EU50Cash	07-09-18	11:32-13:30			3,285.30	07-09-18 11:34	3285.3	Other	NA	Electronic	3,282.70	3,285.30
EU50Cash	07-09-18	13:32-15:30			3,285.30	07-09-18 13:39	327.77	Other	NA	Electronic	3,282.70	3,285.30
EU50Cash	07-09-18	15:32-17:30			3,297.30	07-09-18 15:38	331.17	Other	NA	Electronic	3,294.70	3,297.30
EU50Cash	10-09-18	09:32-11:30			3,312.30	10-09-18 10:31	331.23	Other	NA	Electronic	3,309.70	3,312.30
EU50Cash	10-09-18	11:32-13:30			3,321.70	10-09-18 12:18	3321.7	Other	NA	Electronic	3,321.70	3,324.30
EU50Cash	10-09-18	13:32-15:30			3,317.70	10-09-18 13:40	331.77	Other	NA	Electronic	3,317.70	3,320.30
EU50Cash	10-09-18	15:32-17:30			3,312.30	10-09-18 15:49	331.77	Other	NA	Electronic	3,309.70	3,312.30

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50Cash	11-09-18	09:32-11:30			3,295.70	11-09-18 09:54	3299.3	Other	NA	Electronic	3,295.70	3,298.30
EU50Cash	11-09-18	11:32-13:30			3,287.70	11-09-18 11:34	328.77	Other	NA	Electronic	3,287.70	3,290.30
EU50Cash	11-09-18	13:32-15:30			3,302.30	11-09-18 13:47	328.77	Other	NA	Electronic	3,299.70	3,302.30
EU50Cash	11-09-18	15:32-17:30			3,321.30	11-09-18 16:03	3288.7	Other	NA	Electronic	3,318.70	3,321.30
EU50Cash	12-09-18	09:32-11:30			3,319.30	12-09-18 10:59	663.54	Other	NA	Electronic	3,316.70	3,319.30
EU50Cash	12-09-18	11:32-13:30			3,310.70	12-09-18 11:51	1642.65	Other	NA	Electronic	3,310.70	3,313.30
EU50Cash	12-09-18	13:32-15:30			3,325.30	12-09-18 15:16	3325.3	Other	NA	Electronic	3,322.70	3,325.30
EU50Cash	12-09-18	15:32-17:30			3,320.70	12-09-18 15:43	656.66	Other	NA	Electronic	3,320.70	3,323.30
EU50Cash	13-09-18	13:32-15:30			3,342.70	13-09-18 13:57	3339.3	Other	NA	Electronic	3,342.70	3,345.30
EU50Cash	13-09-18	15:32-17:30			3,336.70	13-09-18 15:44	333.67	Other	NA	Electronic	3,336.70	3,339.30
EU50Cash	14-09-18	11:32-13:30			3,339.30	14-09-18 12:45	10017.9	Other	NA	Electronic	3,336.70	3,339.30
EU50Cash	17-09-18	09:32-11:30			3,345.30	17-09-18 11:06	669.06	Other	NA	Electronic	3,342.70	3,345.30
EU50Cash	17-09-18	11:32-13:30			3,340.70	17-09-18 12:28	3326.3	Other	NA	Electronic	3,340.70	3,343.30
EU50Cash	17-09-18	13:32-15:30			3,346.70	17-09-18 13:35	669.06	Other	NA	Electronic	3,346.70	3,349.30
EU50Cash	17-09-18	15:32-17:30			3,343.70	17-09-18 16:16	3343.7	Other	NA	Electronic	3,343.70	3,346.30

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EU50Cash	18-09-18	09:32-11:30			3,354.70	18-09-18 09:36	3369.3	Other	NA	Electronic	3,354.70	3,357.30
EU50Cash	18-09-18	13:32-15:30			3,353.30	18-09-18 14:32	335.33	Other	NA	Electronic	3,350.70	3,353.30
EU50Cash	18-09-18	15:30-15:32	3,357.30	335.73								
EU50Cash	19-09-18	09:32-11:30			3,355.70	19-09-18 09:54	336.23	Other	NA	Electronic	3,355.70	3,358.30
EU50Cash	19-09-18	11:32-13:30			3,351.70	19-09-18 12:04	3351.7	Other	NA	Electronic	3,351.70	3,354.30
EU50Cash	19-09-18	13:32-15:30			3,367.70	19-09-18 14:35	3367.7	Other	NA	Electronic	3,367.70	3,370.30
EU50Cash	19-09-18	15:32-17:30			3,369.70	19-09-18 15:56	6722.6	Other	NA	Electronic	3,369.70	3,372.30
EU50Cash	20-09-18	09:32-11:30			3,390.30	20-09-18 09:41	339.03	Other	NA	Electronic	3,387.70	3,390.30
EU50Cash	20-09-18	13:32-15:30			3,406.30	20-09-18 13:40	10218.9	Other	NA	Electronic	3,403.70	3,406.30
EU50Cash	20-09-18	15:32-17:30			3,405.70	20-09-18 16:00	10218.9	Other	NA	Electronic	3,405.70	3,408.30
EU50Cash	21-09-18	09:32-11:30			3,424.70	21-09-18 09:50	334.63	Other	NA	Electronic	3,424.70	3,427.30
EU50Cash	21-09-18	11:32-13:30			3,418.70	21-09-18 12:24	341.87	Other	NA	Electronic	3,418.70	3,421.30
EU50Cash	21-09-18	15:32-17:30			3,432.70	21-09-18 16:01	337.93	Other	NA	Electronic	3,432.70	3,435.30
EU50Cash	24-09-18	09:32-11:30			3,422.30	24-09-18 10:25	10286.1	Other	NA	Electronic	3,419.70	3,422.30
EU50Cash	24-09-18	13:32-15:30			3,404.70	24-09-18 15:10	335.73	Other	NA	Electronic	3,404.70	3,407.30

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EU50Cash	24-09-18	15:32-17:30			3,410.30	24-09-18 16:23	3410.3	Other	NA	Electronic	3,407.70	3,410.30
EU50Cash	25-09-18	09:32-11:30			3,420.30	25-09-18 10:03	341.37	Other	NA	Electronic	3,417.70	3,420.30
EU50Cash	25-09-18	11:32-13:30			3,416.70	25-09-18 12:36	683.34	Other	NA	Electronic	3,416.70	3,419.30
EU50Cash	25-09-18	13:32-15:30			3,413.70	25-09-18 14:59	1364.52	Other	NA	Electronic	3,413.70	3,416.30
EU50Cash	26-09-18	09:32-11:30			3,424.70	26-09-18 10:14	1364.52	Other	NA	Electronic	3,424.70	3,427.30
EU50Cash	26-09-18	11:32-13:30			3,420.70	26-09-18 13:18	341.93	Other	NA	Electronic	3,420.70	3,423.30
EU50Cash	26-09-18	13:32-15:30			3,426.70	26-09-18 14:57	3426.7	Other	NA	Electronic	3,426.70	3,429.30
EU50Cash	26-09-18	15:30-15:32	3,433.70	3410.3								
EU50Cash	27-09-18	09:32-11:30			3,425.70	27-09-18 10:13	3422.3	Other	NA	Electronic	3,425.70	3,428.30
EU50Cash	27-09-18	11:32-13:30			3,440.30	27-09-18 12:48	3440.3	Other	NA	Electronic	3,437.70	3,440.30
EU50Cash	27-09-18	13:30-13:32	3,441.97	1027.47								
EU50Cash	27-09-18	15:32-17:30			3,451.30	27-09-18 15:35	2407.09	Other	NA	Electronic	3,448.70	3,451.30
EU50Cash	28-09-18	09:32-11:30			3,414.70	28-09-18 10:14	340.83	Other	NA	Electronic	3,414.70	3,417.30
EU50Cash	28-09-18	11:32-13:30			3,392.30	28-09-18 11:38	3392.3	Other	NA	Electronic	3,389.70	3,392.30
EU50Cash	28-09-18	13:32-15:30			3,399.30	28-09-18 13:59	341.87	Other	NA	Electronic	3,396.70	3,399.30

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50Cash	28-09-18	15:32-17:30			3,398.70	28-09-18 15:34	339.87	Other	NA	Electronic	3,398.70	3,401.30
EU50-DEC18	28-09-18	09:32-11:30			3,391.00	28-09-18 11:04	339.1	Other	NA	Electronic	3,390.00	3,393.00
EU50-DEC18	28-09-18	11:32-13:30			3,377.00	28-09-18 12:49	339.1	Other	NA	Electronic	3,374.00	3,377.00
EU50-SEP18	02-07-18	09:32-11:30			3,350.00	02-07-18 09:35	3350	Other	NA	Electronic	3,350.00	3,353.00
EU50-SEP18	02-07-18	11:32-13:30			3,363.00	02-07-18 12:36	1001.4	Other	NA	Electronic	3,363.00	3,366.00
EU50-SEP18	02-07-18	13:32-15:30			3,374.00	02-07-18 14:26	3370	Other	NA	Electronic	3,374.00	3,377.00
EU50-SEP18	03-07-18	09:32-11:30			3,398.00	03-07-18 09:48	3396	Other	NA	Electronic	3,398.00	3,401.00
EU50-SEP18	03-07-18	11:32-13:30			3,406.00	03-07-18 12:12	3406	Other	NA	Electronic	3,406.00	3,409.00
EU50-SEP18	03-07-18	13:32-15:30			3,401.00	03-07-18 13:34	3403	Other	NA	Electronic	3,398.00	3,401.00
EU50-SEP18	04-07-18	11:32-13:30			3,404.00	04-07-18 11:36	3404	Other	NA	Electronic	3,404.00	3,407.00
EU50-SEP18	04-07-18	13:32-15:30			3,395.00	04-07-18 14:03	3395	Other	NA	Electronic	3,395.00	3,398.00
EU50-SEP18	04-07-18	15:32-17:30			3,403.00	04-07-18 15:40	3403	Other	NA	Electronic	3,403.00	3,406.00
EU50-SEP18	05-07-18	09:32-11:30			3,437.00	05-07-18 09:44	3395	Other	NA	Electronic	3,434.00	3,437.00
EU50-SEP18	05-07-18	11:32-13:30			3,444.00	05-07-18 11:32	686	Other	NA	Electronic	3,444.00	3,447.00
EU50-SEP18	05-07-18	13:32-15:30			3,433.00	05-07-18 14:08	3433	Other	NA	Electronic	3,430.00	3,433.00

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EU50-SEP18	06-07-18	09:32-11:30			3,438.00	06-07-18 09:59	3438	Other	NA	Electronic	3,435.00	3,438.00
EU50-SEP18	06-07-18	15:32-17:30			3,440.00	06-07-18 15:39	3438	Other	NA	Electronic	3,440.00	3,443.00
EU50-SEP18	09-07-18	09:32-11:30			3,459.00	09-07-18 10:06	3804.9	Other	NA	Electronic	3,456.00	3,459.00
EU50-SEP18	10-07-18	09:32-11:30			3,475.00	10-07-18 11:21	3350	Other	NA	Electronic	3,472.00	3,475.00
EU50-SEP18	10-07-18	11:32-13:30			3,458.00	10-07-18 12:35	3458	Other	NA	Electronic	3,458.00	3,461.00
EU50-SEP18	10-07-18	13:32-15:30			3,464.00	10-07-18 13:48	3462	Other	NA	Electronic	3,464.00	3,467.00
EU50-SEP18	10-07-18	15:32-17:30			3,465.00	10-07-18 15:56	3459	Other	NA	Electronic	3,465.00	3,468.00
EU50-SEP18	16-07-18	11:32-13:30			3,446.00	16-07-18 13:14	3446	Other	NA	Electronic	3,443.00	3,446.00
EU50-SEP18	16-07-18	13:32-15:30			3,444.00	16-07-18 13:41	3446	Other	NA	Electronic	3,444.00	3,447.00
EU50-SEP18	17-07-18	13:32-15:30			3,445.00	17-07-18 14:34	344.2	Other	NA	Electronic	3,445.00	3,448.00
EU50-SEP18	20-07-18	09:32-11:30			3,445.00	20-07-18 10:40	1722.5	Other	NA	Electronic	3,442.00	3,445.00
EU50-SEP18	20-07-18	11:32-13:30			3,446.00	20-07-18 12:30	344.6	Other	NA	Electronic	3,443.00	3,446.00
EU50-SEP18	20-07-18	15:30-15:32	3,457.00	691.4								
EU50-SEP18	25-07-18	13:32-15:30			3,456.00	25-07-18 14:56	3456	Other	NA	Electronic	3,456.00	3,459.00
EU50-SEP18	25-07-18	15:32-17:30			3,467.00	25-07-18 16:48	3453	Other	NA	Electronic	3,464.00	3,467.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EU50-SEP18	26-07-18	11:32-13:30			3,488.00	26-07-18 13:17	348.8	Other	NA	Electronic	3,488.00	3,491.00
EU50-SEP18	26-07-18	13:32-15:30			3,496.00	26-07-18 13:32	348.8	Other	NA	Electronic	3,493.00	3,496.00
EU50-SEP18	27-07-18	13:32-15:30			3,523.00	27-07-18 15:27	2113.8	Other	NA	Electronic	3,523.00	3,526.00
EU50-SEP18	30-07-18	15:32-17:30			3,504.00	30-07-18 16:03	3504	Other	NA	Electronic	3,504.00	3,507.00
EU50-SEP18	31-07-18	11:32-13:30			3,524.00	31-07-18 13:24	350.2	Other	NA	Electronic	3,521.00	3,524.00
EU50-SEP18	01-08-18	11:32-13:30			3,510.00	01-08-18 12:56	351.5	Other	NA	Electronic	3,507.00	3,510.00
EU50-SEP18	02-08-18	11:32-13:30			3,468.00	02-08-18 13:08	346.8	Other	NA	Electronic	3,465.00	3,468.00
EU50-SEP18	03-08-18	13:32-15:30			3,479.00	03-08-18 14:42	346.8	Other	NA	Electronic	3,479.00	3,482.00
EU50-SEP18	06-08-18	09:32-11:30			3,495.00	06-08-18 10:43	351.4	Other	NA	Electronic	3,495.00	3,498.00
EU50-SEP18	09-08-18	13:32-15:30			3,491.00	09-08-18 13:48	691.4	Other	NA	Electronic	3,488.00	3,491.00
EU50-SEP18	15-08-18	09:32-11:30			3,377.00	15-08-18 11:02	337.7	Other	NA	Electronic	3,374.00	3,377.00
EU50-SEP18	15-08-18	13:32-15:30			3,360.00	15-08-18 13:50	3360	Other	NA	Electronic	3,357.00	3,360.00
EU50-SEP18	16-08-18	13:32-15:30			3,375.00	16-08-18 15:06	336.4	Other	NA	Electronic	3,375.00	3,378.00
EU50-SEP18	21-08-18	13:32-15:30			3,413.00	21-08-18 15:10	341.3	Other	NA	Electronic	3,413.00	3,416.00
EU50-SEP18	22-08-18	11:32-13:30			3,427.00	22-08-18 11:35	3360	Other	NA	Electronic	3,427.00	3,430.00

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EU50-SEP18	29-08-18	15:32-17:30			3,454.00	29-08-18 15:56	3421	Other	NA	Electronic	3,454.00	3,457.00
EU50-SEP18	31-08-18	15:32-17:30			3,390.00	31-08-18 15:42	3390	Other	NA	Electronic	3,387.00	3,390.00
EU50-SEP18	04-09-18	13:32-15:30			3,359.00	04-09-18 15:29	341.3	Other	NA	Electronic	3,356.00	3,359.00
EU50-SEP18	07-09-18	13:32-15:30			3,295.00	07-09-18 14:48	3295	Other	NA	Electronic	3,292.00	3,295.00
EU50-SEP18	11-09-18	09:32-11:30			3,302.00	11-09-18 10:00	3302	Other	NA	Electronic	3,299.00	3,302.00
EU50-SEP18	17-09-18	11:32-13:30			3,346.00	17-09-18 13:06	334.6	Other	NA	Electronic	3,343.00	3,346.00
EU50-SEP18	18-09-18	15:32-17:30			3,360.00	18-09-18 16:31	334.6	Other	NA	Electronic	3,360.00	3,363.00
EURAUD	02-07-18	09:30-09:32	1.57973	3000								
EURAUD	02-07-18	11:32-13:30			1.58128	02-07-18 11:32	2000	Other	NA	Electronic	1.58128	1.58163
EURAUD	02-07-18	13:30-13:32	1.58125	3000								
EURAUD	02-07-18	15:30-15:32	1.58501	6000								
EURAUD	03-07-18	09:30-09:32	1.57671	102000								
EURAUD	03-07-18	11:32-13:30			1.57659	03-07-18 11:33	3000	Other	NA	Electronic	1.57623	1.57659
EURAUD	03-07-18	13:30-13:32	1.57711	55000								
EURAUD	03-07-18	15:30-15:32	1.57865	30000								



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EURAUD	04-07-18	09:30-09:32	1.57626	60000								
EURAUD	04-07-18	11:30-11:32	1.5758	11000								
EURAUD	04-07-18	13:32-15:30			1.57635	04-07-18 13:33	100000	Other	NA	Electronic	1.57635	1.57672
EURAUD	04-07-18	15:30-15:32	1.5769	2000								
EURAUD	05-07-18	09:32-11:30			1.58341	05-07-18 09:33	10000	Other	NA	Electronic	1.583	1.58341
EURAUD	05-07-18	11:30-11:32	1.58129	3000								
EURAUD	05-07-18	13:30-13:32	1.5819	5000								
EURAUD	05-07-18	15:30-15:32	1.58372	2000								
EURAUD	06-07-18	09:30-09:32	1.57967	4000								
EURAUD	06-07-18	11:32-13:30			1.58051	06-07-18 11:37	20000	Other	NA	Electronic	1.58051	1.58087
EURAUD	06-07-18	13:32-15:30			1.58434	06-07-18 13:32	1000	Other	NA	Electronic	1.58398	1.58434
EURAUD	06-07-18	15:32-17:30			1.58178	06-07-18 15:39	3000	Other	NA	Electronic	1.58178	1.58216
EURAUD	09-07-18	09:30-09:32	1.57362	127000								
EURAUD	09-07-18	11:30-11:32	1.57566	12000								
EURAUD	09-07-18	13:30-13:32	1.57414	62000								

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EURAUD	09-07-18	15:30-15:32	1.57306	14000								
EURAUD	10-07-18	09:30-09:32	1.57496	11000								
EURAUD	10-07-18	11:32-13:30			1.57388	10-07-18 11:33	1000	Other	NA	Electronic	1.57347	1.57388
EURAUD	10-07-18	13:30-13:32	1.57172	87000								
EURAUD	10-07-18	15:30-15:32	1.57117	2000								
EURAUD	11-07-18	09:30-09:32	1.58304	13000								
EURAUD	11-07-18	11:32-13:30			1.58398	11-07-18 11:34	4000	Other	NA	Electronic	1.58362	1.58398
EURAUD	11-07-18	13:32-15:30			1.58781	11-07-18 13:32	1000	Other	NA	Electronic	1.58744	1.58781
EURAUD	11-07-18	15:30-15:32	1.58498	19000								
EURAUD	12-07-18	09:32-11:30			1.58152	12-07-18 09:37	20000	Other	NA	Electronic	1.58152	1.58186
EURAUD	12-07-18	11:30-11:32	1.57981	16000								
EURAUD	12-07-18	13:30-13:32	1.5783	46000								
EURAUD	12-07-18	15:30-15:32	1.57692	67000								
EURAUD	13-07-18	09:30-09:32	1.57636	73000								
EURAUD	13-07-18	11:30-11:32	1.57567	1000								

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EURAUD	13-07-18	13:30-13:32	1.57486	2000								
EURAUD	13-07-18	15:30-15:32	1.57386	40000								
EURAUD	16-07-18	09:30-09:32	1.57327	2000								
EURAUD	16-07-18	11:30-11:32	1.57678	135000								
EURAUD	16-07-18	13:30-13:32	1.57669	11000								
EURAUD	16-07-18	15:32-17:30			1.57897	16-07-18 15:32	1000	Other	NA	Electronic	1.57897	1.57927
EURAUD	17-07-18	09:30-09:32	1.58017	8000								
EURAUD	17-07-18	11:32-13:30			1.58132	17-07-18 11:33	20000	Other	NA	Electronic	1.58091	1.58132
EURAUD	17-07-18	13:30-13:32	1.58131	4000								
EURAUD	17-07-18	15:32-17:30			1.58073	17-07-18 15:34	2000	Other	NA	Electronic	1.58073	1.5811
EURAUD	18-07-18	09:30-09:32	1.58041	1000								
EURAUD	18-07-18	11:32-13:30			1.57875	18-07-18 11:39	2000	Other	NA	Electronic	1.57875	1.57915
EURAUD	18-07-18	13:32-15:30			1.57969	18-07-18 13:32	2000	Other	NA	Electronic	1.5793	1.57969
EURAUD	18-07-18	15:30-15:32	1.57664	10000								
EURAUD	19-07-18	09:30-09:32	1.57857	3000								

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EURAUD	19-07-18	11:30-11:32	1.57858	4000								
EURAUD	19-07-18	13:30-13:32	1.58037	18000								
EURAUD	19-07-18	15:30-15:32	1.58284	6000								
EURAUD	20-07-18	09:30-09:32	1.58045	3000								
EURAUD	20-07-18	11:30-11:32	1.58103	31000								
EURAUD	20-07-18	13:30-13:32	1.57999	1000								
EURAUD	20-07-18	15:32-17:30			1.5796	20-07-18 15:44	2000	Other	NA	Electronic	1.57961	1.57996
EURAUD	23-07-18	09:30-09:32	1.58	4000								
EURAUD	23-07-18	11:32-13:30			1.58176	23-07-18 11:32	1000	Other	NA	Electronic	1.58184	1.58212
EURAUD	23-07-18	13:30-13:32	1.58484	162000								
EURAUD	23-07-18	15:30-15:32	1.58632	2000								
EURAUD	24-07-18	09:30-09:32	1.58309	4000								
EURAUD	24-07-18	11:30-11:32	1.58136	54000								
EURAUD	24-07-18	13:30-13:32	1.57881	37000								
EURAUD	24-07-18	15:30-15:32	1.5764	4000								

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EURAUD	25-07-18	09:30-09:32	1.57694	51000								
EURAUD	25-07-18	11:30-11:32	1.57811	103000								
EURAUD	25-07-18	13:30-13:32	1.5761	5000								
EURAUD	25-07-18	15:30-15:32	1.57571	5000								
EURAUD	26-07-18	09:30-09:32	1.57615	2000								
EURAUD	26-07-18	11:30-11:32	1.57823	21000								
EURAUD	26-07-18	13:30-13:32	1.57798	323000								
EURAUD	26-07-18	15:30-15:32	1.57809	9000								
EURAUD	27-07-18	09:32-11:30			1.57672	27-07-18 09:34	25000	Other	NA	Electronic	1.57672	1.57709
EURAUD	27-07-18	11:30-11:32	1.5762	40000								
EURAUD	27-07-18	13:32-15:30			1.57521	27-07-18 13:32	10000	Other	NA	Electronic	1.57481	1.57521
EURAUD	27-07-18	15:30-15:32	1.57326	11000								
EURAUD	30-07-18	09:30-09:32	1.57922	2000								
EURAUD	30-07-18	11:30-11:32	1.57838	22000								
EURAUD	30-07-18	13:30-13:32	1.58031	65000								

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EURAUD	30-07-18	15:32-17:30			1.58147	30-07-18 15:32	3000	Other	NA	Electronic	1.58113	1.58147
EURAUD	31-07-18	09:32-11:30			1.57964	31-07-18 09:32	25000	Other	NA	Electronic	1.57964	1.58002
EURAUD	31-07-18	11:30-11:32	1.58066	4000								
EURAUD	31-07-18	13:30-13:32	1.57738	34000								
EURAUD	31-07-18	15:32-17:30			1.57398	31-07-18 15:34	1000	Other	NA	Electronic	1.57361	1.57399
EURAUD	01-08-18	09:32-11:30			1.5771	01-08-18 09:33	2000	Other	NA	Electronic	1.57677	1.5771
EURAUD	01-08-18	11:30-11:32	1.57564	26000								
EURAUD	01-08-18	13:32-15:30			1.5768	01-08-18 13:36	5000	Other	NA	Electronic	1.57642	1.57679
EURAUD	01-08-18	15:32-17:30			1.5757	01-08-18 15:51	25000	Other	NA	Electronic	1.5757	1.57608
EURAUD	02-08-18	09:32-11:30			1.57821	02-08-18 09:37	10000	Other	NA	Electronic	1.57782	1.57821
EURAUD	02-08-18	11:32-13:30			1.57664	02-08-18 11:34	10000	Other	NA	Electronic	1.57661	1.57696
EURAUD	02-08-18	13:32-15:30			1.57723	02-08-18 13:50	2000	Other	NA	Electronic	1.57684	1.57723
EURAUD	02-08-18	15:32-17:30			1.57435	02-08-18 15:34	1000	Other	NA	Electronic	1.57435	1.57471
EURAUD	03-08-18	09:32-11:30			1.5725	03-08-18 09:53	5000	Other	NA	Electronic	1.5725	1.57286
EURAUD	03-08-18	11:30-11:32	1.56735	5000								

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EURAUD	03-08-18	13:30-13:32	1.56727	31000								
EURAUD	03-08-18	15:30-15:32	1.56525	1000								
EURAUD	06-08-18	09:32-11:30			1.56319	06-08-18 09:38	1000	Other	NA	Electronic	1.56319	1.56355
EURAUD	06-08-18	11:32-13:30			1.56267	06-08-18 11:36	1000	Other	NA	Electronic	1.56233	1.56267
EURAUD	06-08-18	13:30-13:32	1.56432	12000								
EURAUD	06-08-18	15:30-15:32	1.56457	3000								
EURAUD	07-08-18	09:32-11:30			1.55939	07-08-18 09:32	10000	Other	NA	Electronic	1.55902	1.55939
EURAUD	07-08-18	11:32-13:30			1.5599	07-08-18 11:32	1000	Other	NA	Electronic	1.55954	1.5599
EURAUD	07-08-18	13:30-13:32	1.561	40000								
EURAUD	07-08-18	15:32-17:30			1.56085	07-08-18 15:33	4000	Other	NA	Electronic	1.56085	1.56122
EURAUD	08-08-18	09:32-11:30			1.56321	08-08-18 09:41	35000	Other	NA	Electronic	1.56321	1.56351
EURAUD	08-08-18	11:30-11:32	1.56396	12000								
EURAUD	08-08-18	13:32-15:30			1.56566	08-08-18 13:38	1000	Other	NA	Electronic	1.56566	1.56603
EURAUD	08-08-18	15:32-17:30			1.56397	08-08-18 15:54	1000	Other	NA	Electronic	1.56361	1.56397
EURAUD	09-08-18	09:30-09:32	1.56274	2000								

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EURAUD	09-08-18	11:32-13:30			1.56243	09-08-18 11:34	1000	Other	NA	Electronic	1.56243	1.56276
EURAUD	09-08-18	13:30-13:32	1.56304	4000								
EURAUD	09-08-18	15:32-17:30			1.56451	09-08-18 15:40	1000	Other	NA	Electronic	1.56417	1.56451
EURAUD	10-08-18	09:32-11:30			1.56868	10-08-18 09:36	2000	Other	NA	Electronic	1.56868	1.56905
EURAUD	10-08-18	11:32-13:30			1.5667	10-08-18 11:33	2000	Other	NA	Electronic	1.5667	1.56699
EURAUD	10-08-18	13:30-13:32	1.56546	1000								
EURAUD	10-08-18	15:30-15:32	1.56212	2000								
EURAUD	13-08-18	09:30-09:32	1.56547	1000								
EURAUD	13-08-18	11:32-13:30			1.56499	13-08-18 11:33	1000	Other	NA	Electronic	1.56499	1.56535
EURAUD	13-08-18	13:30-13:32	1.56764	2000								
EURAUD	13-08-18	15:32-17:30			1.56823	13-08-18 15:35	10000	Other	NA	Electronic	1.56823	1.56857
EURAUD	14-08-18	09:30-09:32	1.56925	1000								
EURAUD	14-08-18	11:30-11:32	1.57041	4000								
EURAUD	14-08-18	13:30-13:32	1.56969	1000								
EURAUD	14-08-18	15:30-15:32	1.56793	1000								



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EURAUD	15-08-18	09:30-09:32	1.56671	3000								
EURAUD	15-08-18	11:32-13:30			1.56792	15-08-18 11:34	50000	Other	NA	Electronic	1.56756	1.56792
EURAUD	15-08-18	13:30-13:32	1.56558	3000								
EURAUD	15-08-18	15:30-15:32	1.56682	1000								
EURAUD	16-08-18	09:32-11:30			1.56389	16-08-18 09:36	1000	Other	NA	Electronic	1.56389	1.56425
EURAUD	16-08-18	11:32-13:30			1.56501	16-08-18 11:34	1000	Other	NA	Electronic	1.56465	1.56501
EURAUD	16-08-18	13:32-15:30			1.56596	16-08-18 13:48	1000	Other	NA	Electronic	1.56557	1.56596
EURAUD	16-08-18	15:32-17:30			1.56532	16-08-18 15:42	50000	Other	NA	Electronic	1.56532	1.56568
EURAUD	17-08-18	09:32-11:30			1.56681	17-08-18 09:32	2000	Other	NA	Electronic	1.56681	1.56717
EURAUD	17-08-18	11:32-13:30			1.5675	17-08-18 11:32	2000	Other	NA	Electronic	1.5675	1.56784
EURAUD	17-08-18	13:32-15:30			1.56619	17-08-18 13:43	1000	Other	NA	Electronic	1.56619	1.56654
EURAUD	17-08-18	15:32-17:30			1.56698	17-08-18 15:50	10000	Other	NA	Electronic	1.56698	1.56733
EURAUD	20-08-18	09:32-11:30			1.5613	20-08-18 09:50	1000	Other	NA	Electronic	1.56095	1.5613
EURAUD	20-08-18	11:32-13:30			1.5628	20-08-18 11:33	5000	Other	NA	Electronic	1.5628	1.56313
EURAUD	20-08-18	13:32-15:30			1.5638	20-08-18 13:40	25000	Other	NA	Electronic	1.5638	1.56417

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	20-08-18	15:32-17:30			1.56488	20-08-18 15:32	3000	Other	NA	Electronic	1.56451	1.56488
EURAUD	21-08-18	09:32-11:30			1.566	21-08-18 09:53	1000	Other	NA	Electronic	1.56564	1.566
EURAUD	21-08-18	11:32-13:30			1.56586	21-08-18 11:33	2000	Other	NA	Electronic	1.56586	1.56622
EURAUD	21-08-18	13:32-15:30			1.56641	21-08-18 13:42	4000	Other	NA	Electronic	1.56605	1.56641
EURAUD	21-08-18	15:32-17:30			1.56854	21-08-18 15:34	10000	Other	NA	Electronic	1.56817	1.56854
EURAUD	22-08-18	09:32-11:30			1.57717	22-08-18 09:32	10000	Other	NA	Electronic	1.57687	1.57717
EURAUD	22-08-18	11:30-11:32	1.57675	3000								
EURAUD	22-08-18	13:30-13:32	1.5784	4000								
EURAUD	22-08-18	15:30-15:32	1.57746	30000								
EURAUD	23-08-18	09:32-11:30			1.58487	23-08-18 09:32	3000	Other	NA	Electronic	1.58487	1.58522
EURAUD	23-08-18	11:30-11:32	1.58813	20000								
EURAUD	23-08-18	13:30-13:32	1.59066	5000								
EURAUD	23-08-18	15:30-15:32	1.59218	1000								
EURAUD	24-08-18	09:32-11:30			1.58954	24-08-18 09:43	10000	Other	NA	Electronic	1.58954	1.58989
EURAUD	24-08-18	11:30-11:32	1.58658	2000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	24-08-18	13:30-13:32	1.58647	5000								
EURAUD	24-08-18	15:32-17:30			1.58577	24-08-18 15:39	5000	Other	NA	Electronic	1.58542	1.58577
EURAUD	27-08-18	09:30-09:32	1.58906	1000								
EURAUD	27-08-18	11:32-13:30			1.5874	27-08-18 11:38	1000	Other	NA	Electronic	1.5874	1.58775
EURAUD	27-08-18	13:32-15:30			1.5894	27-08-18 13:32	1000	Other	NA	Electronic	1.58902	1.5894
EURAUD	27-08-18	15:32-17:30			1.58893	27-08-18 15:34	10000	Other	NA	Electronic	1.58893	1.58929
EURAUD	28-08-18	09:32-11:30			1.59123	28-08-18 09:47	2000	Other	NA	Electronic	1.59123	1.59157
EURAUD	28-08-18	11:30-11:32	1.59268	3000								
EURAUD	28-08-18	13:32-15:30			1.59283	28-08-18 13:38	1000	Other	NA	Electronic	1.59283	1.59319
EURAUD	28-08-18	15:32-17:30			1.59421	28-08-18 15:35	10000	Other	NA	Electronic	1.59421	1.59458
EURAUD	29-08-18	09:32-11:30			1.59677	29-08-18 09:34	1000	Other	NA	Electronic	1.59643	1.59677
EURAUD	29-08-18	11:32-13:30			1.59814	29-08-18 11:33	2000	Other	NA	Electronic	1.59814	1.59849
EURAUD	29-08-18	13:32-15:30			1.60066	29-08-18 13:33	5000	Other	NA	Electronic	1.60066	1.60103
EURAUD	29-08-18	15:32-17:30			1.60349	29-08-18 15:32	1000	Other	NA	Electronic	1.60349	1.6038
EURAUD	30-08-18	09:32-11:30			1.60424	30-08-18 10:37	1000	Other	NA	Electronic	1.60424	1.60458

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	30-08-18	11:32-13:30			1.60119	30-08-18 11:50	1000	Other	NA	Electronic	1.60119	1.60156
EURAUD	30-08-18	13:30-13:32	1.59979	2000								
EURAUD	30-08-18	15:30-15:32	1.60241	1000								
EURAUD	31-08-18	09:32-11:30			1.61268	31-08-18 09:34	25000	Other	NA	Electronic	1.61268	1.61303
EURAUD	31-08-18	11:32-13:30			1.61228	31-08-18 11:32	2000	Other	NA	Electronic	1.61192	1.61228
EURAUD	31-08-18	13:32-15:30			1.61262	31-08-18 13:36	3000	Other	NA	Electronic	1.61262	1.61296
EURAUD	31-08-18	15:32-17:30			1.61147	31-08-18 15:32	20000	Other	NA	Electronic	1.61109	1.61147
EURAUD	03-09-18	09:30-09:32	1.60874	1000								
EURAUD	03-09-18	11:30-11:32	1.61138	1000								
EURAUD	03-09-18	13:30-13:32	1.60829	4000								
EURAUD	03-09-18	15:30-15:32	1.61132	1000								
EURAUD	04-09-18	09:32-11:30			1.61224	04-09-18 09:34	1000	Other	NA	Electronic	1.61184	1.61224
EURAUD	04-09-18	11:30-11:32	1.60879	10000								
EURAUD	04-09-18	13:32-15:30			1.61021	04-09-18 13:36	1000	Other	NA	Electronic	1.60985	1.61021
EURAUD	04-09-18	15:30-15:32	1.6107	1000								

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EURAUD	05-09-18	09:32-11:30			1.61536	05-09-18 09:45	1000	Other	NA	Electronic	1.61536	1.6157
EURAUD	05-09-18	11:32-13:30			1.61411	05-09-18 11:32	1000	Other	NA	Electronic	1.61411	1.61446
EURAUD	05-09-18	13:30-13:32	1.61817	2000								
EURAUD	05-09-18	15:30-15:32	1.61546	10000								
EURAUD	06-09-18	09:30-09:32	1.61552	11000								
EURAUD	06-09-18	11:32-13:30			1.61619	06-09-18 11:32	1000	Other	NA	Electronic	1.61581	1.61619
EURAUD	06-09-18	13:32-15:30			1.61772	06-09-18 13:33	1000	Other	NA	Electronic	1.61736	1.61772
EURAUD	06-09-18	15:30-15:32	1.61453	2000								
EURAUD	07-09-18	09:30-09:32	1.62687	2000								
EURAUD	07-09-18	11:30-11:32	1.62056	7000								
EURAUD	07-09-18	13:30-13:32	1.61982	10000								
EURAUD	07-09-18	15:30-15:32	1.62259	2000								
EURAUD	10-09-18	09:30-09:32	1.62548	2000								
EURAUD	10-09-18	11:30-11:32	1.62469	1000								
EURAUD	10-09-18	13:30-13:32	1.62801	5000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	10-09-18	15:32-17:30			1.62998	10-09-18 15:54	5000	Other	NA	Electronic	1.62998	1.63033
EURAUD	11-09-18	09:30-09:32	1.63275	50000								
EURAUD	11-09-18	11:30-11:32	1.63153	5000								
EURAUD	11-09-18	13:30-13:32	1.63366	2000								
EURAUD	11-09-18	15:32-17:30			1.63268	11-09-18 15:39	8000	Other	NA	Electronic	1.63268	1.63303
EURAUD	12-09-18	09:30-09:32	1.62934	13000								
EURAUD	12-09-18	11:30-11:32	1.62754	15000								
EURAUD	12-09-18	13:30-13:32	1.62885	1000								
EURAUD	12-09-18	15:30-15:32	1.62231	21000								
EURAUD	13-09-18	09:30-09:32	1.61735	20000								
EURAUD	13-09-18	11:32-13:30			1.61691	13-09-18 11:37	3000	Other	NA	Electronic	1.61655	1.61691
EURAUD	13-09-18	13:32-15:30			1.61893	13-09-18 13:32	2000	Other	NA	Electronic	1.61893	1.61931
EURAUD	13-09-18	15:30-15:32	1.62399	2000								
EURAUD	14-09-18	09:30-09:32	1.626	10000								
EURAUD	14-09-18	11:30-11:32	1.62656	200000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	14-09-18	13:30-13:32	1.62564	5000								
EURAUD	14-09-18	15:30-15:32	1.62357	2000								
EURAUD	17-09-18	09:30-09:32	1.62455	10000								
EURAUD	17-09-18	11:32-13:30			1.62547	17-09-18 11:33	1000	Other	NA	Electronic	1.62547	1.62584
EURAUD	17-09-18	13:32-15:30			1.62588	17-09-18 14:02	3000	Other	NA	Electronic	1.62589	1.62624
EURAUD	17-09-18	15:30-15:32	1.62699	1000								
EURAUD	18-09-18	09:32-11:30			1.6205	18-09-18 09:32	100000	Other	NA	Electronic	1.62011	1.6205
EURAUD	18-09-18	11:30-11:32	1.62331	2000								
EURAUD	18-09-18	13:32-15:30			1.62419	18-09-18 13:32	10000	Other	NA	Electronic	1.62419	1.62455
EURAUD	18-09-18	15:32-17:30			1.6213	18-09-18 15:32	100000	Other	NA	Electronic	1.62094	1.6213
EURAUD	19-09-18	09:30-09:32	1.61289	5000								
EURAUD	19-09-18	11:32-13:30			1.61132	19-09-18 11:43	1000	Other	NA	Electronic	1.61132	1.61165
EURAUD	19-09-18	13:30-13:32	1.60841	1000								
EURAUD	19-09-18	15:32-17:30			1.60627	19-09-18 15:33	1000	Other	NA	Electronic	1.60592	1.60627
EURAUD	20-09-18	09:30-09:32	1.61097	8000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	20-09-18	11:30-11:32	1.613	5000								
EURAUD	20-09-18	13:30-13:32	1.61566	4000								
EURAUD	20-09-18	15:32-17:30			1.61393	20-09-18 15:37	1000	Other	NA	Electronic	1.61393	1.6143
EURAUD	21-09-18	09:32-11:30			1.61605	21-09-18 09:49	1000	Other	NA	Electronic	1.61605	1.61641
EURAUD	21-09-18	11:32-13:30			1.61548	21-09-18 11:32	20000	Other	NA	Electronic	1.61511	1.61548
EURAUD	21-09-18	13:30-13:32	1.61491	5000								
EURAUD	21-09-18	15:30-15:32	1.6135	3000								
EURAUD	24-09-18	09:32-11:30			1.61741	24-09-18 09:32	2000	Other	NA	Electronic	1.61741	1.61779
EURAUD	24-09-18	11:32-13:30			1.61787	24-09-18 11:33	1000	Other	NA	Electronic	1.61787	1.61825
EURAUD	24-09-18	13:30-13:32	1.62284	22000								
EURAUD	24-09-18	15:30-15:32	1.62206	1000								
EURAUD	25-09-18	09:32-11:30			1.62393	25-09-18 09:33	1000	Other	NA	Electronic	1.62359	1.62393
EURAUD	25-09-18	11:30-11:32	1.62497	11000								
EURAUD	25-09-18	13:32-15:30			1.62297	25-09-18 13:34	2000	Other	NA	Electronic	1.62297	1.62333
EURAUD	25-09-18	15:30-15:32	1.6232	1000								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD	26-09-18	09:32-11:30			1.62142	26-09-18 09:35	1000	Other	NA	Electronic	1.62142	1.62179
EURAUD	26-09-18	11:30-11:32	1.61891	6000								
EURAUD	26-09-18	13:30-13:32	1.61923	1000								
EURAUD	26-09-18	15:32-17:30			1.61955	26-09-18 15:38	10000	Other	NA	Electronic	1.61917	1.61955
EURAUD	27-09-18	09:30-09:32	1.62109	5000								
EURAUD	27-09-18	11:32-13:30			1.61937	27-09-18 11:35	1000	Other	NA	Electronic	1.61937	1.61976
EURAUD	27-09-18	13:32-15:30			1.61891	27-09-18 13:32	1000	Other	NA	Electronic	1.61854	1.61891
EURAUD	27-09-18	15:30-15:32	1.61777	1000								
EURAUD	28-09-18	09:30-09:32	1.6074	27000								
EURAUD	28-09-18	11:32-13:30			1.6056	28-09-18 11:33	1000	Other	NA	Electronic	1.6056	1.60599
EURAUD	28-09-18	13:32-15:30			1.60328	28-09-18 13:40	10000	Other	NA	Electronic	1.60328	1.60365
EURAUD	28-09-18	15:32-17:30			1.60563	28-09-18 15:41	1000	Other	NA	Electronic	1.60521	1.60563
EURAUD.	02-07-18	09:32-11:30			1.57996	02-07-18 09:58	5000	Other	NA	Electronic	1.57996	1.58006
EURAUD.	02-07-18	11:30-11:32	1.58122	50000								
EURAUD.	02-07-18	13:32-15:30			1.5802	02-07-18 13:38	100000	Other	NA	Electronic	1.5802	1.58026

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD.	02-07-18	15:32-17:30			1.58624	02-07-18 15:37	11000	Other	NA	Electronic	1.58612	1.58624
EURAUD.	03-07-18	09:32-11:30			1.57646	03-07-18 09:45	1000	Other	NA	Electronic	1.57635	1.57646
EURAUD.	03-07-18	11:32-13:30			1.57645	03-07-18 11:34	1000	Other	NA	Electronic	1.57637	1.57645
EURAUD.	03-07-18	13:30-13:32	1.57713	11000								
EURAUD.	03-07-18	15:32-17:30			1.578	03-07-18 16:01	20000	Other	NA	Electronic	1.57792	1.578
EURAUD.	04-07-18	09:32-11:30			1.57624	04-07-18 09:54	2000	Other	NA	Electronic	1.57624	1.57632
EURAUD.	04-07-18	11:32-13:30			1.57588	04-07-18 11:40	2000	Other	NA	Electronic	1.57588	1.57597
EURAUD.	04-07-18	13:32-15:30			1.57658	04-07-18 13:51	10000	Other	NA	Electronic	1.57658	1.5767
EURAUD.	04-07-18	15:32-17:30			1.57692	04-07-18 15:39	2000	Other	NA	Electronic	1.57682	1.57692
EURAUD.	05-07-18	09:32-11:30			1.58297	05-07-18 10:07	15000	Other	NA	Electronic	1.58297	1.58307
EURAUD.	05-07-18	11:30-11:32	1.58132	2000								
EURAUD.	05-07-18	13:32-15:30			1.58116	05-07-18 13:42	1000	Other	NA	Electronic	1.58116	1.58125
EURAUD.	05-07-18	15:32-17:30			1.58305	05-07-18 16:05	1000	Other	NA	Electronic	1.58297	1.58305
EURAUD.	06-07-18	09:32-11:30			1.5798	06-07-18 09:45	3000	Other	NA	Electronic	1.5798	1.57989
EURAUD.	06-07-18	11:32-13:30			1.58088	06-07-18 11:43	20000	Other	NA	Electronic	1.58088	1.58097

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EURAUD.	06-07-18	13:32-15:30			1.58414	06-07-18 13:36	1000	Other	NA	Electronic	1.58415	1.58424
EURAUD.	06-07-18	15:32-17:30			1.58139	06-07-18 15:48	1000	Other	NA	Electronic	1.58139	1.58148
EURAUD.	09-07-18	09:30-09:32	1.57359	9000								
EURAUD.	09-07-18	11:32-13:30			1.57579	09-07-18 11:41	1000	Other	NA	Electronic	1.57579	1.57588
EURAUD.	09-07-18	13:30-13:32	1.574	2000								
EURAUD.	09-07-18	15:30-15:32	1.5728	10000								
EURAUD.	10-07-18	09:30-09:32	1.57499	3000								
EURAUD.	10-07-18	11:32-13:30			1.57381	10-07-18 12:02	5000	Other	NA	Electronic	1.57381	1.57392
EURAUD.	10-07-18	13:32-15:30			1.5709	10-07-18 14:01	5000	Other	NA	Electronic	1.57085	1.57091
EURAUD.	10-07-18	15:30-15:32	1.57138	2000								
EURAUD.	11-07-18	09:32-11:30			1.58319	11-07-18 09:39	20000	Other	NA	Electronic	1.5831	1.58319
EURAUD.	11-07-18	11:32-13:30			1.58348	11-07-18 11:42	20000	Other	NA	Electronic	1.58348	1.58358
EURAUD.	11-07-18	13:32-15:30			1.587	11-07-18 13:41	1000	Other	NA	Electronic	1.587	1.58709
EURAUD.	11-07-18	15:30-15:32	1.58454	48000								
EURAUD.	12-07-18	09:32-11:30			1.58188	12-07-18 09:43	10000	Other	NA	Electronic	1.58187	1.58193

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD.	12-07-18	11:32-13:30			1.5799	12-07-18 11:37	10000	Other	NA	Electronic	1.5799	1.57999
EURAUD.	12-07-18	13:32-15:30			1.57835	12-07-18 13:35	4000	Other	NA	Electronic	1.57826	1.57835
EURAUD.	12-07-18	15:32-17:30			1.57599	12-07-18 15:47	10000	Other	NA	Electronic	1.57594	1.576
EURAUD.	13-07-18	09:32-11:30			1.57578	13-07-18 09:44	106000	Other	NA	Electronic	1.57578	1.57586
EURAUD.	13-07-18	11:32-13:30			1.57634	13-07-18 11:55	1000	Other	NA	Electronic	1.57634	1.57643
EURAUD.	13-07-18	13:32-15:30			1.57537	13-07-18 14:21	8000	Other	NA	Electronic	1.57537	1.57547
EURAUD.	13-07-18	15:32-17:30			1.57441	13-07-18 15:45	2000	Other	NA	Electronic	1.57431	1.57441
EURAUD.	16-07-18	09:32-11:30			1.57386	16-07-18 10:20	1000	Other	NA	Electronic	1.57385	1.57392
EURAUD.	16-07-18	11:32-13:30			1.5766	16-07-18 11:45	10000	Other	NA	Electronic	1.5766	1.57671
EURAUD.	16-07-18	13:30-13:32	1.57694	1000								
EURAUD.	16-07-18	15:30-15:32	1.57851	3000								
EURAUD.	17-07-18	09:32-11:30			1.58005	17-07-18 10:04	1000	Other	NA	Electronic	1.58005	1.58014
EURAUD.	17-07-18	11:32-13:30			1.58089	17-07-18 12:05	1000	Other	NA	Electronic	1.5808	1.58089
EURAUD.	17-07-18	13:32-15:30			1.58221	17-07-18 13:38	1000	Other	NA	Electronic	1.5822	1.58226
EURAUD.	17-07-18	15:32-17:30			1.57942	17-07-18 15:48	100000	Other	NA	Electronic	1.57942	1.57954

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD.	18-07-18	09:30-09:32	1.57995	3000								
EURAUD.	18-07-18	11:32-13:30			1.57988	18-07-18 11:34	1000	Other	NA	Electronic	1.57988	1.57998
EURAUD.	18-07-18	13:32-15:30			1.57996	18-07-18 13:59	1000	Other	NA	Electronic	1.57996	1.58004
EURAUD.	18-07-18	15:30-15:32	1.57655	3000								
EURAUD.	19-07-18	09:32-11:30			1.57866	19-07-18 09:42	1000	Other	NA	Electronic	1.57856	1.57868
EURAUD.	19-07-18	11:30-11:32	1.57875	190000								
EURAUD.	19-07-18	13:32-15:30			1.58152	19-07-18 13:47	1000	Other	NA	Electronic	1.58144	1.58151
EURAUD.	19-07-18	15:32-17:30			1.58251	19-07-18 15:56	1000	Other	NA	Electronic	1.58251	1.5826
EURAUD.	20-07-18	09:32-11:30			1.57985	20-07-18 09:40	3000	Other	NA	Electronic	1.57979	1.57985
EURAUD.	20-07-18	11:30-11:32	1.5811	1000								
EURAUD.	20-07-18	13:32-15:30			1.57868	20-07-18 14:11	1000	Other	NA	Electronic	1.57864	1.5787
EURAUD.	20-07-18	15:32-17:30			1.58039	20-07-18 15:55	5000	Other	NA	Electronic	1.58035	1.58041
EURAUD.	23-07-18	09:32-11:30			1.5796	23-07-18 09:35	1000	Other	NA	Electronic	1.57949	1.5796
EURAUD.	23-07-18	11:32-13:30			1.58227	23-07-18 11:35	20000	Other	NA	Electronic	1.58227	1.58237
EURAUD.	23-07-18	13:32-15:30			1.58497	23-07-18 13:32	10000	Other	NA	Electronic	1.58496	1.58505

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EURAUD.	23-07-18	15:32-17:30			1.5862	23-07-18 15:34	1000	Other	NA	Electronic	1.5862	1.58629
EURAUD.	24-07-18	09:32-11:30			1.58285	24-07-18 09:32	1000	Other	NA	Electronic	1.58277	1.58285
EURAUD.	24-07-18	11:32-13:30			1.58083	24-07-18 11:33	1000	Other	NA	Electronic	1.58072	1.58083
EURAUD.	24-07-18	13:32-15:30			1.5782	24-07-18 13:33	2000	Other	NA	Electronic	1.57818	1.57824
EURAUD.	24-07-18	15:30-15:32	1.57559	2000								
EURAUD.	25-07-18	11:32-13:30			1.57787	25-07-18 11:42	10000	Other	NA	Electronic	1.57778	1.57787
EURAUD.	25-07-18	13:32-15:30			1.57608	25-07-18 13:34	1000	Other	NA	Electronic	1.57598	1.57608
EURAUD.	25-07-18	15:32-17:30			1.57547	25-07-18 16:07	1000	Other	NA	Electronic	1.57548	1.57559
EURAUD.	26-07-18	09:32-11:30			1.577	26-07-18 10:56	1000	Other	NA	Electronic	1.57691	1.577
EURAUD.	26-07-18	11:30-11:32	1.57827	20000								
EURAUD.	26-07-18	13:32-15:30			1.57867	26-07-18 13:50	1000	Other	NA	Electronic	1.57867	1.57875
EURAUD.	27-07-18	09:30-09:32	1.57661	1000								
EURAUD.	27-07-18	11:32-13:30			1.57618	27-07-18 12:17	50000	Other	NA	Electronic	1.5761	1.57618
EURAUD.	27-07-18	13:32-15:30			1.57531	27-07-18 13:44	10000	Other	NA	Electronic	1.57531	1.57542
EURAUD.	27-07-18	15:32-17:30			1.57358	27-07-18 15:44	2000	Other	NA	Electronic	1.57358	1.57368

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EURAUD.	30-07-18	09:32-11:30			1.57941	30-07-18 09:41	100000	Other	NA	Electronic	1.57941	1.57953
EURAUD.	30-07-18	11:32-13:30			1.57903	30-07-18 11:48	50000	Other	NA	Electronic	1.57903	1.57911
EURAUD.	30-07-18	13:32-15:30			1.58139	30-07-18 13:50	50000	Other	NA	Electronic	1.58132	1.58139
EURAUD.	30-07-18	15:32-17:30			1.58124	30-07-18 15:32	250000	Other	NA	Electronic	1.58123	1.5813
EURAUD.	31-07-18	09:32-11:30			1.57979	31-07-18 09:41	10000	Other	NA	Electronic	1.57979	1.57988
EURAUD.	31-07-18	11:32-13:30			1.58038	31-07-18 11:34	2000	Other	NA	Electronic	1.58038	1.58048
EURAUD.	31-07-18	13:30-13:32	1.57784	1000								
EURAUD.	31-07-18	15:32-17:30			1.5739	31-07-18 16:00	1000	Other	NA	Electronic	1.57381	1.5739
EURAUD.	01-08-18	09:32-11:30			1.57605	01-08-18 09:53	2000	Other	NA	Electronic	1.57605	1.57613
EURAUD.	01-08-18	11:32-13:30			1.57645	01-08-18 12:08	15000	Other	NA	Electronic	1.57645	1.57651
EURAUD.	01-08-18	13:32-15:30			1.57714	01-08-18 13:52	5000	Other	NA	Electronic	1.57714	1.57722
EURAUD.	01-08-18	15:32-17:30			1.57813	01-08-18 16:23	4000	Other	NA	Electronic	1.57803	1.57813
EURAUD.	02-08-18	11:32-13:30			1.57753	02-08-18 12:20	1000	Other	NA	Electronic	1.57753	1.5776
EURAUD.	02-08-18	13:32-15:30			1.57556	02-08-18 14:09	1000	Other	NA	Electronic	1.57551	1.57557
EURAUD.	02-08-18	15:32-17:30			1.57354	02-08-18 16:22	1000	Other	NA	Electronic	1.57348	1.57354

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EURAUD.	03-08-18	09:32-11:30			1.57245	03-08-18 10:25	4000	Other	NA	Electronic	1.57235	1.57245
EURAUD.	03-08-18	11:32-13:30			1.5677	03-08-18 11:34	1000	Other	NA	Electronic	1.56756	1.5677
EURAUD.	03-08-18	13:30-13:32	1.56725	1000								
EURAUD.	03-08-18	15:32-17:30			1.56599	03-08-18 16:00	5000	Other	NA	Electronic	1.56592	1.56599
EURAUD.	06-08-18	09:32-11:30			1.56284	06-08-18 10:22	1000	Other	NA	Electronic	1.56284	1.56292
EURAUD.	06-08-18	11:32-13:30			1.56232	06-08-18 11:34	1000	Other	NA	Electronic	1.56232	1.5624
EURAUD.	06-08-18	13:32-15:30			1.56418	06-08-18 13:35	25000	Other	NA	Electronic	1.56418	1.56425
EURAUD.	06-08-18	15:32-17:30			1.56423	06-08-18 15:38	6000	Other	NA	Electronic	1.56415	1.56423
EURAUD.	07-08-18	09:32-11:30			1.55913	07-08-18 10:09	100000	Other	NA	Electronic	1.55906	1.55913
EURAUD.	07-08-18	11:32-13:30			1.56006	07-08-18 12:00	1000	Other	NA	Electronic	1.56006	1.56012
EURAUD.	07-08-18	13:32-15:30			1.56028	07-08-18 14:00	2000	Other	NA	Electronic	1.56019	1.56028
EURAUD.	07-08-18	15:32-17:30			1.56082	07-08-18 15:39	101000	Other	NA	Electronic	1.56082	1.56089
EURAUD.	08-08-18	09:32-11:30			1.56378	08-08-18 10:03	101000	Other	NA	Electronic	1.56378	1.56386
EURAUD.	08-08-18	11:30-11:32	1.5641	8000								
EURAUD.	08-08-18	13:32-15:30			1.56539	08-08-18 13:50	1000	Other	NA	Electronic	1.56532	1.56539



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EURAUD.	08-08-18	15:32-17:30			1.56408	08-08-18 15:40	1000	Other	NA	Electronic	1.564	1.56408
EURAUD.	09-08-18	09:32-11:30			1.56249	09-08-18 10:17	96000	Other	NA	Electronic	1.56249	1.56256
EURAUD.	09-08-18	11:32-13:30			1.56317	09-08-18 11:43	1000	Other	NA	Electronic	1.5631	1.56317
EURAUD.	09-08-18	13:32-15:30			1.56335	09-08-18 13:44	1000	Other	NA	Electronic	1.56335	1.56343
EURAUD.	09-08-18	15:32-17:30			1.5639	09-08-18 15:52	5000	Other	NA	Electronic	1.5639	1.56397
EURAUD.	10-08-18	09:30-09:32	1.56923	5000								
EURAUD.	10-08-18	11:30-11:32	1.56696	5000								
EURAUD.	10-08-18	13:30-13:32	1.56583	25000								
EURAUD.	10-08-18	15:32-17:30			1.56214	10-08-18 15:32	5000	Other	NA	Electronic	1.56205	1.56214
EURAUD.	13-08-18	09:32-11:30			1.56413	13-08-18 11:13	10000	Other	NA	Electronic	1.56413	1.56422
EURAUD.	13-08-18	11:32-13:30			1.56496	13-08-18 11:33	5000	Other	NA	Electronic	1.56496	1.56503
EURAUD.	13-08-18	13:32-15:30			1.56807	13-08-18 13:58	4000	Other	NA	Electronic	1.56807	1.56815
EURAUD.	13-08-18	15:32-17:30			1.56824	13-08-18 16:50	1000	Other	NA	Electronic	1.56814	1.56824
EURAUD.	14-08-18	09:32-11:30			1.5691	14-08-18 09:32	5000	Other	NA	Electronic	1.56902	1.5691
EURAUD.	14-08-18	11:32-13:30			1.57009	14-08-18 11:46	1000	Other	NA	Electronic	1.57009	1.57015

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EURAUD.	14-08-18	13:32-15:30			1.5695	14-08-18 13:44	5000	Other	NA	Electronic	1.56941	1.5695
EURAUD.	14-08-18	15:32-17:30			1.56831	14-08-18 15:32	1000	Other	NA	Electronic	1.56831	1.56838
EURAUD.	15-08-18	09:32-11:30			1.56711	15-08-18 09:51	1000	Other	NA	Electronic	1.56703	1.56711
EURAUD.	15-08-18	11:32-13:30			1.56685	15-08-18 11:59	1000	Other	NA	Electronic	1.56685	1.56693
EURAUD.	15-08-18	13:32-15:30			1.56623	15-08-18 13:45	2000	Other	NA	Electronic	1.56616	1.56623
EURAUD.	15-08-18	15:32-17:30			1.56685	15-08-18 15:48	1000	Other	NA	Electronic	1.56676	1.56685
EURAUD.	16-08-18	09:32-11:30			1.5645	16-08-18 09:32	3000	Other	NA	Electronic	1.56444	1.5645
EURAUD.	16-08-18	11:32-13:30			1.56495	16-08-18 12:19	3000	Other	NA	Electronic	1.56495	1.56504
EURAUD.	16-08-18	13:32-15:30			1.56506	16-08-18 13:42	1000	Other	NA	Electronic	1.56498	1.56506
EURAUD.	16-08-18	15:32-17:30			1.56509	16-08-18 15:56	10000	Other	NA	Electronic	1.56509	1.56517
EURAUD.	17-08-18	09:32-11:30			1.56692	17-08-18 09:44	4000	Other	NA	Electronic	1.56692	1.56699
EURAUD.	17-08-18	11:32-13:30			1.56766	17-08-18 11:42	1000	Other	NA	Electronic	1.5676	1.56766
EURAUD.	17-08-18	13:32-15:30			1.56689	17-08-18 15:21	1000	Other	NA	Electronic	1.5668	1.56689
EURAUD.	17-08-18	15:32-17:30			1.5668	17-08-18 15:48	5000	Other	NA	Electronic	1.56672	1.5668
EURAUD.	20-08-18	09:32-11:30			1.562	20-08-18 10:24	1000	Other	NA	Electronic	1.56192	1.562

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EURAUD.	20-08-18	11:32-13:30			1.56308	20-08-18 11:38	4000	Other	NA	Electronic	1.56308	1.56316
EURAUD.	20-08-18	13:32-15:30			1.56411	20-08-18 13:45	2000	Other	NA	Electronic	1.56411	1.56419
EURAUD.	20-08-18	15:32-17:30			1.56429	20-08-18 15:46	10000	Other	NA	Electronic	1.56429	1.56436
EURAUD.	21-08-18	09:32-11:30			1.56571	21-08-18 09:43	2000	Other	NA	Electronic	1.56571	1.56578
EURAUD.	21-08-18	11:32-13:30			1.56576	21-08-18 12:02	1000	Other	NA	Electronic	1.56576	1.56586
EURAUD.	21-08-18	13:32-15:30			1.56603	21-08-18 13:46	2000	Other	NA	Electronic	1.56602	1.5661
EURAUD.	21-08-18	15:32-17:30			1.56877	21-08-18 15:49	1000	Other	NA	Electronic	1.56877	1.56887
EURAUD.	22-08-18	09:32-11:30			1.578	22-08-18 10:13	3000	Other	NA	Electronic	1.5779	1.578
EURAUD.	22-08-18	11:32-13:30			1.57705	22-08-18 11:40	3000	Other	NA	Electronic	1.57705	1.57712
EURAUD.	22-08-18	13:32-15:30			1.57862	22-08-18 14:07	3000	Other	NA	Electronic	1.57862	1.5787
EURAUD.	22-08-18	15:30-15:32	1.57743	1000								
EURAUD.	23-08-18	09:32-11:30			1.58536	23-08-18 09:58	1000	Other	NA	Electronic	1.58536	1.58542
EURAUD.	23-08-18	11:30-11:32	1.58824	5000								
EURAUD.	23-08-18	13:32-15:30			1.5911	23-08-18 13:42	1000	Other	NA	Electronic	1.5911	1.59117
EURAUD.	23-08-18	15:32-17:30			1.59259	23-08-18 15:34	13000	Other	NA	Electronic	1.59259	1.59265

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EURAUD.	24-08-18	11:30-11:32	1.58673	50000								
EURAUD.	24-08-18	13:30-13:32	1.58625	2000								
EURAUD.	27-08-18	09:32-11:30			1.58891	27-08-18 09:34	10000	Other	NA	Electronic	1.58883	1.58891
EURAUD.	27-08-18	11:32-13:30			1.5875	27-08-18 11:38	6000	Other	NA	Electronic	1.5875	1.58757
EURAUD.	27-08-18	13:32-15:30			1.58915	27-08-18 13:32	6000	Other	NA	Electronic	1.58887	1.58898
EURAUD.	27-08-18	15:30-15:32	1.58907	1000								
EURAUD.	28-08-18	09:32-11:30			1.59106	28-08-18 09:33	2000	Other	NA	Electronic	1.59106	1.59113
EURAUD.	28-08-18	11:32-13:30			1.593	28-08-18 11:49	2000	Other	NA	Electronic	1.5929	1.593
EURAUD.	28-08-18	13:32-15:30			1.59341	28-08-18 13:40	2000	Other	NA	Electronic	1.59341	1.5935
EURAUD.	28-08-18	15:32-17:30			1.59427	28-08-18 16:07	2000	Other	NA	Electronic	1.5942	1.59427
EURAUD.	29-08-18	09:32-11:30			1.59728	29-08-18 10:12	2000	Other	NA	Electronic	1.5972	1.59728
EURAUD.	29-08-18	11:32-13:30			1.59894	29-08-18 12:13	1000	Other	NA	Electronic	1.59887	1.59894
EURAUD.	29-08-18	13:32-15:30			1.60091	29-08-18 13:36	5000	Other	NA	Electronic	1.60083	1.60091
EURAUD.	29-08-18	15:30-15:32	1.60361	50000								
EURAUD.	30-08-18	09:32-11:30			1.60344	30-08-18 09:48	2000	Other	NA	Electronic	1.60337	1.60344

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EURAUD.	30-08-18	11:32-13:30			1.60225	30-08-18 11:38	1000	Other	NA	Electronic	1.60217	1.60225
EURAUD.	30-08-18	13:32-15:30			1.60119	30-08-18 13:50	1000	Other	NA	Electronic	1.60109	1.60119
EURAUD.	30-08-18	15:32-17:30			1.60243	30-08-18 15:32	1000	Other	NA	Electronic	1.60243	1.60252
EURAUD.	31-08-18	09:32-11:30			1.61319	31-08-18 09:39	1000	Other	NA	Electronic	1.61319	1.61328
EURAUD.	31-08-18	11:32-13:30			1.61199	31-08-18 11:37	5000	Other	NA	Electronic	1.61191	1.61199
EURAUD.	31-08-18	13:32-15:30			1.61341	31-08-18 13:54	32000	Other	NA	Electronic	1.61341	1.61348
EURAUD.	31-08-18	15:32-17:30			1.6112	31-08-18 15:33	1000	Other	NA	Electronic	1.6112	1.61128
EURAUD.	03-09-18	09:32-11:30			1.61045	03-09-18 10:13	5000	Other	NA	Electronic	1.61036	1.61045
EURAUD.	03-09-18	11:32-13:30			1.61216	03-09-18 11:36	1000	Other	NA	Electronic	1.61216	1.61226
EURAUD.	03-09-18	13:32-15:30			1.60837	03-09-18 13:41	2000	Other	NA	Electronic	1.60829	1.60837
EURAUD.	03-09-18	15:32-17:30			1.61048	03-09-18 16:15	1000	Other	NA	Electronic	1.61048	1.61058
EURAUD.	04-09-18	09:32-11:30			1.61221	04-09-18 09:52	1000	Other	NA	Electronic	1.6121	1.61221
EURAUD.	04-09-18	11:30-11:32	1.609	5000								
EURAUD.	04-09-18	13:32-15:30			1.61018	04-09-18 13:33	10000	Other	NA	Electronic	1.6101	1.61018
EURAUD.	04-09-18	15:32-17:30			1.61097	04-09-18 15:35	1000	Other	NA	Electronic	1.61097	1.61106

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EURAUD.	05-09-18	09:32-11:30			1.61538	05-09-18 09:34	2000	Other	NA	Electronic	1.61538	1.61547
EURAUD.	05-09-18	11:32-13:30			1.61404	05-09-18 11:34	1000	Other	NA	Electronic	1.61404	1.6141
EURAUD.	05-09-18	13:32-15:30			1.61776	05-09-18 13:32	20000	Other	NA	Electronic	1.61776	1.61785
EURAUD.	05-09-18	15:32-17:30			1.61652	05-09-18 15:47	1000	Other	NA	Electronic	1.61645	1.61652
EURAUD.	06-09-18	09:32-11:30			1.61656	06-09-18 09:44	2000	Other	NA	Electronic	1.61648	1.61656
EURAUD.	06-09-18	11:30-11:32	1.61578	2000								
EURAUD.	06-09-18	13:32-15:30			1.61752	06-09-18 13:32	1000	Other	NA	Electronic	1.61743	1.61752
EURAUD.	06-09-18	15:32-17:30			1.61418	06-09-18 15:47	5000	Other	NA	Electronic	1.61418	1.6143
EURAUD.	07-09-18	09:32-11:30			1.62624	07-09-18 09:37	150000	Other	NA	Electronic	1.62624	1.62634
EURAUD.	07-09-18	11:32-13:30			1.62199	07-09-18 11:47	2000	Other	NA	Electronic	1.62191	1.62199
EURAUD.	07-09-18	13:32-15:30			1.621	07-09-18 13:34	5000	Other	NA	Electronic	1.62093	1.621
EURAUD.	07-09-18	15:30-15:32	1.62312	10000								
EURAUD.	10-09-18	09:30-09:32	1.62535	25000								
EURAUD.	10-09-18	11:32-13:30			1.62573	10-09-18 12:14	50000	Other	NA	Electronic	1.62567	1.62573
EURAUD.	10-09-18	13:32-15:30			1.62833	10-09-18 13:46	1000	Other	NA	Electronic	1.62833	1.62842

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURAUD.	10-09-18	15:32-17:30			1.62952	10-09-18 15:37	1000	Other	NA	Electronic	1.62952	1.6296
EURAUD.	11-09-18	09:32-11:30			1.63284	11-09-18 09:37	2000	Other	NA	Electronic	1.63284	1.63293
EURAUD.	11-09-18	11:32-13:30			1.6316	11-09-18 12:09	2000	Other	NA	Electronic	1.63147	1.6316
EURAUD.	11-09-18	13:32-15:30			1.63338	11-09-18 13:37	1000	Other	NA	Electronic	1.63338	1.63346
EURAUD.	11-09-18	15:32-17:30			1.63189	11-09-18 15:56	2000	Other	NA	Electronic	1.63183	1.63189
EURAUD.	12-09-18	09:30-09:32	1.62929	25000								
EURAUD.	12-09-18	11:32-13:30			1.62743	12-09-18 11:36	2000	Other	NA	Electronic	1.62737	1.62743
EURAUD.	12-09-18	13:32-15:30			1.62795	12-09-18 13:40	1000	Other	NA	Electronic	1.62787	1.62795
EURAUD.	12-09-18	15:30-15:32	1.62202	27000								
EURAUD.	13-09-18	09:32-11:30			1.61761	13-09-18 10:26	2000	Other	NA	Electronic	1.61761	1.61767
EURAUD.	13-09-18	11:32-13:30			1.61511	13-09-18 12:38	5000	Other	NA	Electronic	1.61511	1.61525
EURAUD.	13-09-18	13:30-13:32	1.61811	2000								
EURAUD.	13-09-18	15:30-15:32	1.62384	2000								
EURAUD.	14-09-18	09:32-11:30			1.6256	14-09-18 09:40	1000	Other	NA	Electronic	1.6256	1.62567
EURAUD.	14-09-18	11:30-11:32	1.62662	5000								

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EURAUD.	14-09-18	13:32-15:30			1.62576	14-09-18 13:44	1000	Other	NA	Electronic	1.62576	1.62582
EURAUD.	14-09-18	15:32-17:30			1.62301	14-09-18 15:32	5000	Other	NA	Electronic	1.62301	1.62309
EURAUD.	17-09-18	09:32-11:30			1.62426	17-09-18 09:57	1000	Other	NA	Electronic	1.62419	1.62426
EURAUD.	17-09-18	11:32-13:30			1.62572	17-09-18 11:34	1000	Other	NA	Electronic	1.62564	1.62572
EURAUD.	17-09-18	13:32-15:30			1.62562	17-09-18 13:44	30000	Other	NA	Electronic	1.62562	1.62568
EURAUD.	17-09-18	15:32-17:30			1.6268	17-09-18 15:43	1000	Other	NA	Electronic	1.62673	1.6268
EURAUD.	18-09-18	09:32-11:30			1.62003	18-09-18 09:43	1000	Other	NA	Electronic	1.62003	1.62012
EURAUD.	18-09-18	11:30-11:32	1.62328	2000								
EURAUD.	18-09-18	13:32-15:30			1.62325	18-09-18 13:37	1000	Other	NA	Electronic	1.62318	1.62325
EURAUD.	18-09-18	15:32-17:30			1.61954	18-09-18 16:04	3000	Other	NA	Electronic	1.61945	1.61954
EURAUD.	19-09-18	09:32-11:30			1.61273	19-09-18 09:35	1000	Other	NA	Electronic	1.61273	1.61283
EURAUD.	19-09-18	11:32-13:30			1.61141	19-09-18 11:45	3000	Other	NA	Electronic	1.61134	1.61141
EURAUD.	19-09-18	13:30-13:32	1.60874	3000								
EURAUD.	19-09-18	15:32-17:30			1.60711	19-09-18 16:22	5000	Other	NA	Electronic	1.60705	1.60711
EURAUD.	20-09-18	09:32-11:30			1.61073	20-09-18 10:46	3000	Other	NA	Electronic	1.61073	1.61081



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EURAUD.	20-09-18	11:30-11:32	1.61271	1000								
EURAUD.	20-09-18	13:32-15:30			1.61426	20-09-18 14:04	5000	Other	NA	Electronic	1.61426	1.61436
EURAUD.	20-09-18	15:32-17:30			1.61384	20-09-18 15:53	3000	Other	NA	Electronic	1.61384	1.61393
EURAUD.	21-09-18	09:32-11:30			1.61673	21-09-18 09:52	20000	Other	NA	Electronic	1.61662	1.61673
EURAUD.	21-09-18	11:32-13:30			1.61429	21-09-18 12:00	250000	Other	NA	Electronic	1.6142	1.61429
EURAUD.	21-09-18	13:32-15:30			1.61462	21-09-18 13:50	4000	Other	NA	Electronic	1.61462	1.6147
EURAUD.	21-09-18	15:32-17:30			1.61248	21-09-18 15:49	20000	Other	NA	Electronic	1.61248	1.6126
EURAUD.	24-09-18	09:32-11:30			1.61893	24-09-18 10:17	50000	Other	NA	Electronic	1.61883	1.61893
EURAUD.	24-09-18	11:32-13:30			1.618	24-09-18 11:39	10000	Other	NA	Electronic	1.61792	1.618
EURAUD.	24-09-18	13:30-13:32	1.62292	1000								
EURAUD.	24-09-18	15:32-17:30			1.62157	24-09-18 15:35	20000	Other	NA	Electronic	1.62157	1.62164
EURAUD.	25-09-18	09:32-11:30			1.62426	25-09-18 09:52	1000	Other	NA	Electronic	1.62426	1.62437
EURAUD.	25-09-18	11:32-13:30			1.62511	25-09-18 11:39	2000	Other	NA	Electronic	1.62502	1.62511
EURAUD.	25-09-18	13:32-15:30			1.62339	25-09-18 13:37	20000	Other	NA	Electronic	1.62332	1.62339
EURAUD.	25-09-18	15:32-17:30			1.62437	25-09-18 17:05	1000	Other	NA	Electronic	1.62428	1.62437

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EURAUD.	26-09-18	09:32-11:30			1.62114	26-09-18 09:33	3000	Other	NA	Electronic	1.62114	1.62121
EURAUD.	26-09-18	11:32-13:30			1.61891	26-09-18 11:39	2000000	Other	NA	Electronic	1.61891	1.619
EURAUD.	26-09-18	13:32-15:30			1.6185	26-09-18 13:37	20000	Other	NA	Electronic	1.6185	1.61861
EURAUD.	26-09-18	15:32-17:30			1.61961	26-09-18 15:33	1000	Other	NA	Electronic	1.61955	1.61961
EURAUD.	27-09-18	09:32-11:30			1.61969	27-09-18 09:38	9000	Other	NA	Electronic	1.61969	1.6198
EURAUD.	27-09-18	11:32-13:30			1.62	27-09-18 12:03	20000	Other	NA	Electronic	1.61991	1.62
EURAUD.	27-09-18	13:32-15:30			1.61878	27-09-18 14:20	20000	Other	NA	Electronic	1.61878	1.61888
EURAUD.	27-09-18	15:32-17:30			1.6177	27-09-18 15:53	100000	Other	NA	Electronic	1.61764	1.6177
EURAUD.	28-09-18	09:30-09:32	1.60729	40000								
EURAUD.	28-09-18	11:32-13:30			1.60615	28-09-18 11:43	1000	Other	NA	Electronic	1.60604	1.60615
EURAUD.	28-09-18	13:32-15:30			1.60393	28-09-18 13:46	200000	Other	NA	Electronic	1.60383	1.60393
EURAUD.	28-09-18	15:32-17:30			1.60637	28-09-18 17:28	20000	Other	NA	Electronic	1.60624	1.60637
EURAUDmicro	02-07-18	09:30-09:32	1.57988	45100								
EURAUDmicro	02-07-18	11:30-11:32	1.58083	10010								
EURAUDmicro	02-07-18	13:30-13:32	1.58108	2700								

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EURAUDmicro	02-07-18	15:30-15:32	1.58449	56110								
EURAUDmicro	03-07-18	09:30-09:32	1.57666	1420								
EURAUDmicro	03-07-18	11:30-11:32	1.576	270								
EURAUDmicro	03-07-18	13:30-13:32	1.57697	220								
EURAUDmicro	03-07-18	15:32-17:30			1.57867	03-07-18 15:34	1000	Other	NA	Electronic	1.57831	1.57867
EURAUDmicro	04-07-18	09:32-11:30			1.57606	04-07-18 09:32	200	Other	NA	Electronic	1.57606	1.57644
EURAUDmicro	04-07-18	11:32-13:30			1.57604	04-07-18 11:35	5000	Other	NA	Electronic	1.57566	1.57604
EURAUDmicro	04-07-18	13:32-15:30			1.5764	04-07-18 13:41	700	Other	NA	Electronic	1.57602	1.5764
EURAUDmicro	04-07-18	15:30-15:32	1.57709	250								
EURAUDmicro	05-07-18	09:32-11:30			1.58341	05-07-18 09:33	200	Other	NA	Electronic	1.58301	1.58341
EURAUDmicro	05-07-18	11:30-11:32	1.58145	200								
EURAUDmicro	05-07-18	13:30-13:32	1.58237	1050								
EURAUDmicro	05-07-18	15:30-15:32	1.58375	100								
EURAUDmicro	06-07-18	09:30-09:32	1.5795	100								
EURAUDmicro	06-07-18	11:32-13:30			1.58078	06-07-18 11:32	1000	Other	NA	Electronic	1.58041	1.58078

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EURAUDmicro	06-07-18	13:30-13:32	1.58411	34560								
EURAUDmicro	06-07-18	15:30-15:32	1.58269	1000								
EURAUDmicro	09-07-18	09:30-09:32	1.57372	6030								
EURAUDmicro	09-07-18	11:30-11:32	1.57573	1500								
EURAUDmicro	09-07-18	13:30-13:32	1.57419	14570								
EURAUDmicro	09-07-18	15:30-15:32	1.57268	9270								
EURAUDmicro	10-07-18	09:32-11:30			1.57496	10-07-18 09:32	1000	Other	NA	Electronic	1.57496	1.57537
EURAUDmicro	10-07-18	11:30-11:32	1.57368	2120								
EURAUDmicro	10-07-18	13:30-13:32	1.57172	7900								
EURAUDmicro	10-07-18	15:30-15:32	1.57159	20								
EURAUDmicro	11-07-18	09:30-09:32	1.58305	12130								
EURAUDmicro	11-07-18	11:30-11:32	1.58458	50								
EURAUDmicro	11-07-18	13:30-13:32	1.58731	12210								
EURAUDmicro	11-07-18	15:30-15:32	1.58477	9780								
EURAUDmicro	12-07-18	09:30-09:32	1.5821	1000								

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EURAUDmicro	12-07-18	11:30-11:32	1.57988	11930								
EURAUDmicro	12-07-18	13:30-13:32	1.57861	4380								
EURAUDmicro	12-07-18	15:30-15:32	1.57672	500								
EURAUDmicro	13-07-18	09:30-09:32	1.576	270								
EURAUDmicro	13-07-18	11:30-11:32	1.57547	2180								
EURAUDmicro	13-07-18	13:32-15:30			1.57449	13-07-18 13:34	50	Other	NA	Electronic	1.57449	1.57487
EURAUDmicro	13-07-18	15:30-15:32	1.57417	6000								
EURAUDmicro	16-07-18	09:30-09:32	1.57336	900								
EURAUDmicro	16-07-18	11:30-11:32	1.57659	1500								
EURAUDmicro	16-07-18	13:32-15:30			1.57687	16-07-18 13:33	150	Other	NA	Electronic	1.57651	1.57687
EURAUDmicro	16-07-18	15:30-15:32	1.57861	6200								
EURAUDmicro	17-07-18	09:30-09:32	1.58035	150								
EURAUDmicro	17-07-18	11:30-11:32	1.58113	2000								
EURAUDmicro	17-07-18	13:32-15:30			1.5815	17-07-18 13:32	200	Other	NA	Electronic	1.5815	1.58187
EURAUDmicro	17-07-18	15:30-15:32	1.58059	193320								

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EURAUDmicro	18-07-18	09:30-09:32	1.57998	5010								
EURAUDmicro	18-07-18	11:30-11:32	1.57939	100000								
EURAUDmicro	18-07-18	13:30-13:32	1.57911	270030								
EURAUDmicro	18-07-18	15:30-15:32	1.57661	800								
EURAUDmicro	19-07-18	09:30-09:32	1.57856	740								
EURAUDmicro	19-07-18	11:32-13:30			1.57911	19-07-18 11:38	100	Other	NA	Electronic	1.57874	1.57911
EURAUDmicro	19-07-18	13:32-15:30			1.58072	19-07-18 13:32	100	Other	NA	Electronic	1.58072	1.5811
EURAUDmicro	19-07-18	15:30-15:32	1.58314	320								
EURAUDmicro	20-07-18	09:30-09:32	1.58042	1120								
EURAUDmicro	20-07-18	11:30-11:32	1.581	277200								
EURAUDmicro	20-07-18	13:30-13:32	1.57998	8300								
EURAUDmicro	20-07-18	15:32-17:30			1.58016	20-07-18 15:46	560	Other	NA	Electronic	1.57978	1.58016
EURAUDmicro	23-07-18	09:30-09:32	1.58008	5210								
EURAUDmicro	23-07-18	11:30-11:32	1.58145	70								
EURAUDmicro	23-07-18	13:30-13:32	1.58483	4850								

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EURAUDmicro	23-07-18	15:30-15:32	1.58608	6040								
EURAUDmicro	24-07-18	09:30-09:32	1.58286	1200								
EURAUDmicro	24-07-18	11:32-13:30			1.58056	24-07-18 11:33	400	Other	NA	Electronic	1.58056	1.58095
EURAUDmicro	24-07-18	13:30-13:32	1.57872	7500								
EURAUDmicro	24-07-18	15:30-15:32	1.57576	1010								
EURAUDmicro	25-07-18	09:32-11:30			1.57681	25-07-18 09:32	2000	Other	NA	Electronic	1.57647	1.57681
EURAUDmicro	25-07-18	11:30-11:32	1.57801	16440								
EURAUDmicro	25-07-18	13:32-15:30			1.57581	25-07-18 13:35	5800	Other	NA	Electronic	1.57581	1.57618
EURAUDmicro	25-07-18	15:30-15:32	1.57531	1500								
EURAUDmicro	26-07-18	09:32-11:30			1.57688	26-07-18 09:36	250	Other	NA	Electronic	1.57688	1.57718
EURAUDmicro	26-07-18	11:30-11:32	1.57825	12150								
EURAUDmicro	26-07-18	13:30-13:32	1.57763	63600								
EURAUDmicro	26-07-18	15:32-17:30			1.57807	26-07-18 15:36	100	Other	NA	Electronic	1.57807	1.57843
EURAUDmicro	27-07-18	09:32-11:30			1.57707	27-07-18 09:34	200	Other	NA	Electronic	1.57671	1.57707
EURAUDmicro	27-07-18	11:30-11:32	1.57614	100								

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EURAUDmicro	27-07-18	13:32-15:30			1.57519	27-07-18 13:32	100	Other	NA	Electronic	1.57519	1.57558
EURAUDmicro	27-07-18	15:30-15:32	1.57329	500								
EURAUDmicro	30-07-18	09:30-09:32	1.57898	4900								
EURAUDmicro	30-07-18	11:30-11:32	1.57832	7000								
EURAUDmicro	30-07-18	13:30-13:32	1.58049	1140								
EURAUDmicro	30-07-18	15:32-17:30			1.58159	30-07-18 15:32	1000	Other	NA	Electronic	1.58127	1.58159
EURAUDmicro	31-07-18	09:32-11:30			1.57979	31-07-18 09:38	200	Other	NA	Electronic	1.5798	1.58018
EURAUDmicro	31-07-18	11:30-11:32	1.58069	3700								
EURAUDmicro	31-07-18	13:30-13:32	1.57795	15700								
EURAUDmicro	31-07-18	15:30-15:32	1.57428	960								
EURAUDmicro	01-08-18	09:30-09:32	1.57687	150								
EURAUDmicro	01-08-18	11:32-13:30			1.5753	01-08-18 11:32	100	Other	NA	Electronic	1.57494	1.57529
EURAUDmicro	01-08-18	13:32-15:30			1.57706	01-08-18 13:45	1000	Other	NA	Electronic	1.57669	1.57706
EURAUDmicro	01-08-18	15:30-15:32	1.57649	510								
EURAUDmicro	02-08-18	09:32-11:30			1.57771	02-08-18 09:33	100	Other	NA	Electronic	1.57735	1.57771



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EURAUDmicro	02-08-18	11:30-11:32	1.5769	230								
EURAUDmicro	02-08-18	13:32-15:30			1.57724	02-08-18 13:33	100	Other	NA	Electronic	1.57724	1.5776
EURAUDmicro	02-08-18	15:32-17:30			1.57456	02-08-18 15:34	800	Other	NA	Electronic	1.5742	1.57456
EURAUDmicro	03-08-18	09:32-11:30			1.57264	03-08-18 09:40	180	Other	NA	Electronic	1.57264	1.573
EURAUDmicro	03-08-18	11:30-11:32	1.56737	8130								
EURAUDmicro	03-08-18	13:30-13:32	1.56726	500								
EURAUDmicro	03-08-18	15:32-17:30			1.56517	03-08-18 15:32	10000	Other	NA	Electronic	1.56517	1.56555
EURAUDmicro	06-08-18	09:32-11:30			1.56348	06-08-18 09:44	2040	Other	NA	Electronic	1.56312	1.56348
EURAUDmicro	06-08-18	11:32-13:30			1.56193	06-08-18 11:32	850	Other	NA	Electronic	1.56193	1.5623
EURAUDmicro	06-08-18	13:30-13:32	1.56429	40								
EURAUDmicro	06-08-18	15:32-17:30			1.56463	06-08-18 15:34	800	Other	NA	Electronic	1.56429	1.56463
EURAUDmicro	07-08-18	09:32-11:30			1.55897	07-08-18 09:50	240	Other	NA	Electronic	1.55897	1.55931
EURAUDmicro	07-08-18	11:30-11:32	1.55945	100								
EURAUDmicro	07-08-18	13:32-15:30			1.56055	07-08-18 13:32	600	Other	NA	Electronic	1.56055	1.5609
EURAUDmicro	07-08-18	15:32-17:30			1.56137	07-08-18 15:37	2000	Other	NA	Electronic	1.56104	1.56137

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EURAUDmicro	08-08-18	09:30-09:32	1.56435	200								
EURAUDmicro	08-08-18	11:30-11:32	1.56443	50								
EURAUDmicro	08-08-18	13:30-13:32	1.56596	610								
EURAUDmicro	08-08-18	15:32-17:30			1.56266	08-08-18 16:11	60	Other	NA	Electronic	1.56266	1.56301
EURAUDmicro	09-08-18	09:30-09:32	1.56238	1990								
EURAUDmicro	09-08-18	11:30-11:32	1.56244	100								
EURAUDmicro	09-08-18	13:32-15:30			1.56355	09-08-18 13:34	6000	Other	NA	Electronic	1.5632	1.56355
EURAUDmicro	09-08-18	15:30-15:32	1.56425	5010								
EURAUDmicro	10-08-18	09:32-11:30			1.56876	10-08-18 09:38	500	Other	NA	Electronic	1.56876	1.56913
EURAUDmicro	10-08-18	11:32-13:30			1.56672	10-08-18 11:34	1050	Other	NA	Electronic	1.56672	1.56707
EURAUDmicro	10-08-18	13:30-13:32	1.56569	3000								
EURAUDmicro	10-08-18	15:32-17:30			1.56248	10-08-18 15:39	70	Other	NA	Electronic	1.56248	1.56282
EURAUDmicro	13-08-18	09:30-09:32	1.56502	15200								
EURAUDmicro	13-08-18	11:30-11:32	1.56517	270								
EURAUDmicro	13-08-18	13:32-15:30			1.56776	13-08-18 13:37	500	Other	NA	Electronic	1.56776	1.56813

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EURAUDmicro	13-08-18	15:30-15:32	1.56844	200								
EURAUDmicro	14-08-18	09:32-11:30			1.56948	14-08-18 09:36	100	Other	NA	Electronic	1.56948	1.56982
EURAUDmicro	14-08-18	11:32-13:30			1.5703	14-08-18 11:36	200	Other	NA	Electronic	1.56993	1.5703
EURAUDmicro	14-08-18	13:32-15:30			1.56918	14-08-18 13:32	100	Other	NA	Electronic	1.56915	1.56951
EURAUDmicro	14-08-18	15:30-15:32	1.56803	700								
EURAUDmicro	15-08-18	09:32-11:30			1.56681	15-08-18 09:34	10	Other	NA	Electronic	1.56647	1.56681
EURAUDmicro	15-08-18	11:30-11:32	1.56797	100								
EURAUDmicro	15-08-18	13:30-13:32	1.56551	10								
EURAUDmicro	15-08-18	15:32-17:30			1.56701	15-08-18 15:35	350	Other	NA	Electronic	1.56701	1.56738
EURAUDmicro	16-08-18	09:32-11:30			1.56402	16-08-18 09:35	60	Other	NA	Electronic	1.56402	1.56435
EURAUDmicro	16-08-18	11:32-13:30			1.56513	16-08-18 11:35	20000	Other	NA	Electronic	1.56478	1.56513
EURAUDmicro	16-08-18	13:32-15:30			1.56408	16-08-18 13:34	1310	Other	NA	Electronic	1.56408	1.56443
EURAUDmicro	16-08-18	15:32-17:30			1.56568	16-08-18 15:36	1000	Other	NA	Electronic	1.56534	1.56568
EURAUDmicro	17-08-18	09:32-11:30			1.56708	17-08-18 09:34	10	Other	NA	Electronic	1.56708	1.56742
EURAUDmicro	17-08-18	11:30-11:32	1.5676	1000								

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EURAUDmicro	17-08-18	13:32-15:30			1.56657	17-08-18 13:35	100	Other	NA	Electronic	1.56619	1.56657
EURAUDmicro	17-08-18	15:32-17:30			1.56698	17-08-18 15:50	100	Other	NA	Electronic	1.56698	1.56734
EURAUDmicro	20-08-18	09:30-09:32	1.56075	6000								
EURAUDmicro	20-08-18	11:30-11:32	1.56276	20350								
EURAUDmicro	20-08-18	13:32-15:30			1.56407	20-08-18 13:35	500	Other	NA	Electronic	1.56375	1.56407
EURAUDmicro	20-08-18	15:32-17:30			1.56491	20-08-18 15:34	160	Other	NA	Electronic	1.56455	1.56491
EURAUDmicro	21-08-18	09:32-11:30			1.56603	21-08-18 09:38	20000	Other	NA	Electronic	1.56603	1.56637
EURAUDmicro	21-08-18	11:30-11:32	1.56638	110								
EURAUDmicro	21-08-18	13:30-13:32	1.56696	10								
EURAUDmicro	21-08-18	15:30-15:32	1.56817	100								
EURAUDmicro	22-08-18	09:32-11:30			1.57696	22-08-18 09:32	70	Other	NA	Electronic	1.5766	1.57696
EURAUDmicro	22-08-18	11:32-13:30			1.57688	22-08-18 11:32	100	Other	NA	Electronic	1.57656	1.57688
EURAUDmicro	22-08-18	13:32-15:30			1.57858	22-08-18 13:41	20	Other	NA	Electronic	1.57858	1.57893
EURAUDmicro	22-08-18	15:30-15:32	1.57733	5310								
EURAUDmicro	23-08-18	09:30-09:32	1.58519	2200								

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EURAUDmicro	23-08-18	11:30-11:32	1.5884	1000								
EURAUDmicro	23-08-18	13:30-13:32	1.59057	1600								
EURAUDmicro	23-08-18	15:30-15:32	1.59229	8000								
EURAUDmicro	24-08-18	09:32-11:30			1.59015	24-08-18 09:33	10	Other	NA	Electronic	1.59011	1.59048
EURAUDmicro	24-08-18	11:30-11:32	1.58688	1210								
EURAUDmicro	24-08-18	13:32-15:30			1.58648	24-08-18 13:33	10	Other	NA	Electronic	1.58613	1.58648
EURAUDmicro	24-08-18	15:32-17:30			1.58528	24-08-18 15:34	20	Other	NA	Electronic	1.58528	1.58563
EURAUDmicro	27-08-18	09:32-11:30			1.58862	27-08-18 09:34	40010	Other	NA	Electronic	1.58862	1.58898
EURAUDmicro	27-08-18	11:32-13:30			1.58812	27-08-18 11:32	200	Other	NA	Electronic	1.58775	1.58812
EURAUDmicro	27-08-18	13:32-15:30			1.58875	27-08-18 13:32	1000	Other	NA	Electronic	1.58875	1.58911
EURAUDmicro	27-08-18	15:32-17:30			1.5894	27-08-18 16:00	300	Other	NA	Electronic	1.5894	1.58977
EURAUDmicro	28-08-18	09:30-09:32	1.59119	2000								
EURAUDmicro	28-08-18	11:30-11:32	1.59231	1000								
EURAUDmicro	28-08-18	13:32-15:30			1.59297	28-08-18 13:39	7810	Other	NA	Electronic	1.59297	1.59334
EURAUDmicro	28-08-18	15:32-17:30			1.59396	28-08-18 15:44	3000	Other	NA	Electronic	1.59396	1.59433

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EURAUDmicro	29-08-18	09:30-09:32	1.59668	2000								
EURAUDmicro	29-08-18	11:30-11:32	1.59797	1000								
EURAUDmicro	29-08-18	13:32-15:30			1.60164	29-08-18 13:37	10	Other	NA	Electronic	1.60129	1.60164
EURAUDmicro	29-08-18	15:30-15:32	1.60349	5120								
EURAUDmicro	30-08-18	09:30-09:32	1.60329	150								
EURAUDmicro	30-08-18	11:32-13:30			1.60218	30-08-18 11:42	100	Other	NA	Electronic	1.60185	1.60218
EURAUDmicro	30-08-18	13:30-13:32	1.59901	230								
EURAUDmicro	30-08-18	15:32-17:30			1.60301	30-08-18 15:37	60	Other	NA	Electronic	1.60266	1.60301
EURAUDmicro	31-08-18	09:30-09:32	1.61272	700								
EURAUDmicro	31-08-18	11:32-13:30			1.61172	31-08-18 11:37	100	Other	NA	Electronic	1.61172	1.61207
EURAUDmicro	31-08-18	13:30-13:32	1.61289	10								
EURAUDmicro	31-08-18	15:30-15:32	1.61092	1000								
EURAUDmicro	03-09-18	09:32-11:30			1.60874	03-09-18 09:33	200	Other	NA	Electronic	1.60874	1.60908
EURAUDmicro	03-09-18	11:30-11:32	1.61148	100								
EURAUDmicro	03-09-18	13:30-13:32	1.60828	2250								

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EURAUDmicro	03-09-18	15:30-15:32	1.61115	550								
EURAUDmicro	04-09-18	09:32-11:30			1.61157	04-09-18 09:33	100	Other	NA	Electronic	1.61121	1.61157
EURAUDmicro	04-09-18	11:30-11:32	1.60895	8090								
EURAUDmicro	04-09-18	13:30-13:32	1.60961	100								
EURAUDmicro	04-09-18	15:30-15:32	1.61064	600								
EURAUDmicro	05-09-18	09:32-11:30			1.61585	05-09-18 09:32	100	Other	NA	Electronic	1.61546	1.61585
EURAUDmicro	05-09-18	11:30-11:32	1.61399	200								
EURAUDmicro	05-09-18	13:30-13:32	1.61768	1910								
EURAUDmicro	05-09-18	15:32-17:30			1.61495	05-09-18 15:34	310	Other	NA	Electronic	1.61495	1.61532
EURAUDmicro	06-09-18	09:32-11:30			1.61634	06-09-18 09:37	1000	Other	NA	Electronic	1.61599	1.61634
EURAUDmicro	06-09-18	11:30-11:32	1.61582	100								
EURAUDmicro	06-09-18	13:30-13:32	1.61689	100								
EURAUDmicro	06-09-18	15:30-15:32	1.61429	2100								
EURAUDmicro	07-09-18	09:32-11:30			1.62645	07-09-18 09:37	10	Other	NA	Electronic	1.62611	1.62645
EURAUDmicro	07-09-18	11:30-11:32	1.62053	5350								

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EURAUDmicro	07-09-18	13:30-13:32	1.62015	1000								
EURAUDmicro	07-09-18	15:30-15:32	1.62265	400								
EURAUDmicro	10-09-18	09:30-09:32	1.62559	20								
EURAUDmicro	10-09-18	11:30-11:32	1.62504	220								
EURAUDmicro	10-09-18	13:30-13:32	1.62847	300								
EURAUDmicro	10-09-18	15:32-17:30			1.62958	10-09-18 15:36	100	Other	NA	Electronic	1.62958	1.62994
EURAUDmicro	11-09-18	09:30-09:32	1.63276	1000								
EURAUDmicro	11-09-18	11:30-11:32	1.6313	1200								
EURAUDmicro	11-09-18	13:32-15:30			1.6329	11-09-18 13:36	400	Other	NA	Electronic	1.63291	1.6333
EURAUDmicro	11-09-18	15:32-17:30			1.63235	11-09-18 15:36	270	Other	NA	Electronic	1.63235	1.63269
EURAUDmicro	12-09-18	09:30-09:32	1.62938	3600								
EURAUDmicro	12-09-18	11:30-11:32	1.62765	1420								
EURAUDmicro	12-09-18	13:32-15:30			1.62807	12-09-18 13:45	200	Other	NA	Electronic	1.62771	1.62807
EURAUDmicro	12-09-18	15:30-15:32	1.62214	8800								
EURAUDmicro	13-09-18	09:30-09:32	1.61729	3160								



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EURAUDmicro	13-09-18	11:30-11:32	1.6168	150								
EURAUDmicro	13-09-18	13:30-13:32	1.61864	470								
EURAUDmicro	13-09-18	15:30-15:32	1.62369	600								
EURAUDmicro	14-09-18	09:30-09:32	1.62561	350								
EURAUDmicro	14-09-18	11:30-11:32	1.62629	210								
EURAUDmicro	14-09-18	13:32-15:30			1.62548	14-09-18 13:45	100	Other	NA	Electronic	1.62548	1.62585
EURAUDmicro	14-09-18	15:30-15:32	1.62336	1020								
EURAUDmicro	17-09-18	09:32-11:30			1.62457	17-09-18 09:47	40010	Other	NA	Electronic	1.62423	1.62457
EURAUDmicro	17-09-18	11:30-11:32	1.62606	1000								
EURAUDmicro	17-09-18	13:32-15:30			1.62591	17-09-18 13:52	5000	Other	NA	Electronic	1.62556	1.62591
EURAUDmicro	17-09-18	15:30-15:32	1.6275	440								
EURAUDmicro	18-09-18	09:30-09:32	1.62032	550								
EURAUDmicro	18-09-18	11:30-11:32	1.62325	1190								
EURAUDmicro	18-09-18	13:30-13:32	1.62471	100								
EURAUDmicro	18-09-18	15:30-15:32	1.62146	2150								

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EURAUDmicro	19-09-18	09:32-11:30			1.61338	19-09-18 09:32	200	Other	NA	Electronic	1.61301	1.61338
EURAUDmicro	19-09-18	11:30-11:32	1.6108	1000								
EURAUDmicro	19-09-18	13:30-13:32	1.6092	3290								
EURAUDmicro	19-09-18	15:30-15:32	1.60625	10								
EURAUDmicro	20-09-18	09:32-11:30			1.61086	20-09-18 09:35	210	Other	NA	Electronic	1.61086	1.61123
EURAUDmicro	20-09-18	11:30-11:32	1.61278	3350								
EURAUDmicro	20-09-18	13:30-13:32	1.61608	1050								
EURAUDmicro	20-09-18	15:30-15:32	1.61538	500								
EURAUDmicro	21-09-18	09:30-09:32	1.61545	100								
EURAUDmicro	21-09-18	11:32-13:30			1.61514	21-09-18 11:37	100	Other	NA	Electronic	1.61477	1.61514
EURAUDmicro	21-09-18	13:30-13:32	1.61531	2500								
EURAUDmicro	21-09-18	15:30-15:32	1.61347	50								
EURAUDmicro	24-09-18	09:30-09:32	1.61769	50900								
EURAUDmicro	24-09-18	11:30-11:32	1.6184	7000								
EURAUDmicro	24-09-18	13:30-13:32	1.62294	980								

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EURAUDmicro	24-09-18	15:32-17:30			1.62182	24-09-18 15:35	1000	Other	NA	Electronic	1.62147	1.62182
EURAUDmicro	25-09-18	09:32-11:30			1.62413	25-09-18 09:39	300	Other	NA	Electronic	1.62378	1.62413
EURAUDmicro	25-09-18	11:30-11:32	1.62488	30								
EURAUDmicro	25-09-18	13:32-15:30			1.62287	25-09-18 13:34	200	Other	NA	Electronic	1.62287	1.62324
EURAUDmicro	25-09-18	15:32-17:30			1.62332	25-09-18 15:53	3010	Other	NA	Electronic	1.62332	1.62367
EURAUDmicro	26-09-18	09:30-09:32	1.62112	1100								
EURAUDmicro	26-09-18	11:30-11:32	1.61904	1100								
EURAUDmicro	26-09-18	13:32-15:30			1.61886	26-09-18 13:32	5010	Other	NA	Electronic	1.61852	1.61886
EURAUDmicro	26-09-18	15:32-17:30			1.61939	26-09-18 15:34	200	Other	NA	Electronic	1.61939	1.61974
EURAUDmicro	27-09-18	09:30-09:32	1.62084	1190								
EURAUDmicro	27-09-18	11:32-13:30			1.61864	27-09-18 11:32	20	Other	NA	Electronic	1.61864	1.61902
EURAUDmicro	27-09-18	13:32-15:30			1.61778	27-09-18 13:47	200	Other	NA	Electronic	1.61778	1.61813
EURAUDmicro	27-09-18	15:30-15:32	1.61817	100								
EURAUDmicro	28-09-18	09:30-09:32	1.60732	1320								
EURAUDmicro	28-09-18	11:30-11:32	1.60607	200								

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EURAUDmicro	28-09-18	13:30-13:32	1.60399	11260								
EURAUDmicro	28-09-18	15:32-17:30			1.6051	28-09-18 15:42	1760	Other	NA	Electronic	1.6051	1.60551
EURCAD	02-07-18	09:30-09:32	1.53334	59000								
EURCAD	02-07-18	11:32-13:30			1.53315	02-07-18 11:35	1000	Other	NA	Electronic	1.53281	1.53315
EURCAD	02-07-18	13:30-13:32	1.53097	20000								
EURCAD	02-07-18	15:30-15:32	1.53284	55000								
EURCAD	03-07-18	09:30-09:32	1.53422	10000								
EURCAD	03-07-18	11:30-11:32	1.53258	14000								
EURCAD	03-07-18	13:30-13:32	1.53174	17000								
EURCAD	03-07-18	15:30-15:32	1.53471	1000								
EURCAD	04-07-18	09:30-09:32	1.53056	31000								
EURCAD	04-07-18	11:30-11:32	1.53022	80000								
EURCAD	04-07-18	13:30-13:32	1.52976	8000								
EURCAD	04-07-18	15:32-17:30			1.53026	04-07-18 15:36	1000	Other	NA	Electronic	1.52987	1.53026
EURCAD	05-07-18	09:32-11:30			1.5367	05-07-18 09:32	5000	Other	NA	Electronic	1.53635	1.5367

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURCAD	05-07-18	11:30-11:32	1.53678	11000								
EURCAD	05-07-18	13:30-13:32	1.53602	4000								
EURCAD	05-07-18	15:32-17:30			1.53508	05-07-18 15:32	1000	Other	NA	Electronic	1.53508	1.53543
EURCAD	06-07-18	09:32-11:30			1.53786	06-07-18 09:32	1000	Other	NA	Electronic	1.53786	1.5382
EURCAD	06-07-18	11:30-11:32	1.53876	1000								
EURCAD	06-07-18	13:32-15:30			1.54245	06-07-18 13:32	40000	Other	NA	Electronic	1.54239	1.54275
EURCAD	06-07-18	15:30-15:32	1.53776	50000								
EURCAD	09-07-18	09:32-11:30			1.53982	09-07-18 09:38	1000	Other	NA	Electronic	1.53982	1.54016
EURCAD	09-07-18	11:30-11:32	1.54051	1000								
EURCAD	09-07-18	13:30-13:32	1.53871	2000								
EURCAD	09-07-18	15:30-15:32	1.53899	2000								
EURCAD	10-07-18	09:32-11:30			1.54023	10-07-18 09:36	10000	Other	NA	Electronic	1.5399	1.54023
EURCAD	10-07-18	11:30-11:32	1.53718	45000								
EURCAD	10-07-18	13:30-13:32	1.539	10000								
EURCAD	10-07-18	15:32-17:30			1.53856	10-07-18 15:38	10000	Other	NA	Electronic	1.53856	1.53889

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EURCAD	11-07-18	09:30-09:32	1.54042	5000								
EURCAD	11-07-18	11:30-11:32	1.54102	23000								
EURCAD	11-07-18	13:30-13:32	1.54394	22000								
EURCAD	11-07-18	15:30-15:32	1.54044	16000								
EURCAD	12-07-18	09:32-11:30			1.54019	12-07-18 09:37	3000	Other	NA	Electronic	1.54019	1.54057
EURCAD	12-07-18	11:30-11:32	1.53803	5000								
EURCAD	12-07-18	13:30-13:32	1.53766	1000								
EURCAD	12-07-18	15:30-15:32	1.53829	1000								
EURCAD	13-07-18	09:32-11:30			1.53365	13-07-18 09:36	10000	Other	NA	Electronic	1.53331	1.53365
EURCAD	13-07-18	11:30-11:32	1.53395	5000								
EURCAD	13-07-18	13:32-15:30			1.53466	13-07-18 13:33	2000	Other	NA	Electronic	1.53466	1.53499
EURCAD	13-07-18	15:32-17:30			1.53696	13-07-18 15:34	2000	Other	NA	Electronic	1.53661	1.53696
EURCAD	16-07-18	09:32-11:30			1.5379	16-07-18 09:32	1000	Other	NA	Electronic	1.53788	1.53823
EURCAD	16-07-18	11:30-11:32	1.54093	1000								
EURCAD	16-07-18	13:30-13:32	1.53825	58000								

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EURCAD	16-07-18	15:32-17:30			1.53806	16-07-18 15:32	1000	Other	NA	Electronic	1.5377	1.53805
EURCAD	17-07-18	09:30-09:32	1.5396	1000								
EURCAD	17-07-18	11:30-11:32	1.53974	1000								
EURCAD	17-07-18	13:30-13:32	1.54137	7000								
EURCAD	17-07-18	15:30-15:32	1.54142	1000								
EURCAD	18-07-18	09:30-09:32	1.53933	4000								
EURCAD	18-07-18	11:32-13:30			1.53775	18-07-18 11:35	2000	Other	NA	Electronic	1.53775	1.5381
EURCAD	18-07-18	13:32-15:30			1.53944	18-07-18 13:32	2000	Other	NA	Electronic	1.53943	1.53976
EURCAD	18-07-18	15:30-15:32	1.53828	2000								
EURCAD	19-07-18	09:30-09:32	1.53486	7000								
EURCAD	19-07-18	11:30-11:32	1.53434	17000								
EURCAD	19-07-18	13:30-13:32	1.53644	1000								
EURCAD	19-07-18	15:30-15:32	1.53998	4000								
EURCAD	20-07-18	09:32-11:30			1.54318	20-07-18 09:33	10000	Other	NA	Electronic	1.54318	1.54352
EURCAD	20-07-18	11:32-13:30			1.54413	20-07-18 11:41	2000	Other	NA	Electronic	1.54378	1.54414

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EURCAD	20-07-18	13:30-13:32	1.53805	33000								
EURCAD	20-07-18	15:30-15:32	1.53799	9000								
EURCAD	23-07-18	09:30-09:32	1.53804	42000								
EURCAD	23-07-18	11:32-13:30			1.53986	23-07-18 11:35	1000	Other	NA	Electronic	1.53985	1.54017
EURCAD	23-07-18	13:30-13:32	1.53973	3000								
EURCAD	23-07-18	15:32-17:30			1.53949	23-07-18 15:38	5000	Other	NA	Electronic	1.53918	1.53949
EURCAD	24-07-18	09:32-11:30			1.53994	24-07-18 10:01	3000	Other	NA	Electronic	1.53959	1.53994
EURCAD	24-07-18	11:30-11:32	1.54019	3000								
EURCAD	24-07-18	13:30-13:32	1.53926	2000								
EURCAD	24-07-18	15:32-17:30			1.53902	24-07-18 15:35	1000	Other	NA	Electronic	1.53902	1.53935
EURCAD	25-07-18	09:32-11:30			1.53603	25-07-18 09:42	10000	Other	NA	Electronic	1.53569	1.53603
EURCAD	25-07-18	11:30-11:32	1.53508	85000								
EURCAD	25-07-18	13:30-13:32	1.53266	33000								
EURCAD	25-07-18	15:30-15:32	1.53095	23000								
EURCAD	26-07-18	09:32-11:30			1.52739	26-07-18 09:32	2000	Other	NA	Electronic	1.52704	1.52739



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EURCAD	26-07-18	11:30-11:32	1.52801	27000								
EURCAD	26-07-18	13:30-13:32	1.52487	52000								
EURCAD	26-07-18	15:32-17:30			1.52467	26-07-18 15:35	11000	Other	NA	Electronic	1.52431	1.52467
EURCAD	27-07-18	09:32-11:30			1.51986	27-07-18 09:32	10000	Other	NA	Electronic	1.51986	1.52022
EURCAD	27-07-18	11:30-11:32	1.51918	1000								
EURCAD	27-07-18	13:32-15:30			1.52285	27-07-18 13:32	1000	Other	NA	Electronic	1.52252	1.52285
EURCAD	27-07-18	15:32-17:30			1.52145	27-07-18 15:34	40000	Other	NA	Electronic	1.52112	1.52145
EURCAD	30-07-18	09:32-11:30			1.52566	30-07-18 09:37	15000	Other	NA	Electronic	1.52566	1.526
EURCAD	30-07-18	11:32-13:30			1.52396	30-07-18 11:32	1000	Other	NA	Electronic	1.52362	1.52396
EURCAD	30-07-18	13:32-15:30			1.52474	30-07-18 13:42	1000	Other	NA	Electronic	1.52473	1.52508
EURCAD	30-07-18	15:30-15:32	1.52374	2000								
EURCAD	31-07-18	09:30-09:32	1.52928	7000								
EURCAD	31-07-18	11:30-11:32	1.53008	2000								
EURCAD	31-07-18	13:30-13:32	1.52711	39000								
EURCAD	31-07-18	15:30-15:32	1.5238	32000								

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EURCAD	01-08-18	09:30-09:32	1.52192	1000								
EURCAD	01-08-18	11:30-11:32	1.52149	1000								
EURCAD	01-08-18	13:30-13:32	1.51996	20000								
EURCAD	01-08-18	15:32-17:30			1.51697	01-08-18 15:37	40000	Other	NA	Electronic	1.51661	1.51697
EURCAD	02-08-18	09:32-11:30			1.51349	02-08-18 09:33	1000	Other	NA	Electronic	1.51314	1.51349
EURCAD	02-08-18	11:30-11:32	1.5122	24000								
EURCAD	02-08-18	13:32-15:30			1.51466	02-08-18 13:34	1000	Other	NA	Electronic	1.5143	1.51466
EURCAD	02-08-18	15:32-17:30			1.51053	02-08-18 15:35	20000	Other	NA	Electronic	1.51053	1.51088
EURCAD	03-08-18	09:32-11:30			1.50756	03-08-18 09:33	1000	Other	NA	Electronic	1.50723	1.50756
EURCAD	03-08-18	11:30-11:32	1.5067	4000								
EURCAD	03-08-18	13:30-13:32	1.50338	11000								
EURCAD	03-08-18	15:32-17:30			1.50502	03-08-18 15:37	21000	Other	NA	Electronic	1.50469	1.50502
EURCAD	06-08-18	09:32-11:30			1.5043	06-08-18 09:37	6000	Other	NA	Electronic	1.50396	1.5043
EURCAD	06-08-18	11:32-13:30			1.50176	06-08-18 11:44	1000	Other	NA	Electronic	1.50176	1.50209
EURCAD	06-08-18	13:32-15:30			1.50473	06-08-18 13:34	1000	Other	NA	Electronic	1.50438	1.50472

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EURCAD	06-08-18	15:32-17:30			1.50364	06-08-18 15:32	5000	Other	NA	Electronic	1.50331	1.50364
EURCAD	07-08-18	09:32-11:30			1.50391	07-08-18 09:46	1000	Other	NA	Electronic	1.50358	1.50391
EURCAD	07-08-18	11:32-13:30			1.50356	07-08-18 11:34	2000	Other	NA	Electronic	1.50356	1.5039
EURCAD	07-08-18	13:30-13:32	1.50665	34000								
EURCAD	07-08-18	15:30-15:32	1.5087	2000								
EURCAD	08-08-18	09:32-11:30			1.51638	08-08-18 09:38	25000	Other	NA	Electronic	1.51601	1.51638
EURCAD	08-08-18	11:30-11:32	1.51716	1000								
EURCAD	08-08-18	13:32-15:30			1.51468	08-08-18 13:32	5000	Other	NA	Electronic	1.51435	1.51468
EURCAD	08-08-18	15:32-17:30			1.51617	08-08-18 15:36	1000	Other	NA	Electronic	1.51617	1.5165
EURCAD	09-08-18	09:30-09:32	1.50967	3000								
EURCAD	09-08-18	11:32-13:30			1.51083	09-08-18 11:35	1000	Other	NA	Electronic	1.51083	1.51116
EURCAD	09-08-18	13:32-15:30			1.50906	09-08-18 13:32	7000	Other	NA	Electronic	1.50906	1.5094
EURCAD	09-08-18	15:32-17:30			1.50809	09-08-18 15:51	3000	Other	NA	Electronic	1.50809	1.50843
EURCAD	10-08-18	09:32-11:30			1.5023	10-08-18 09:45	10000	Other	NA	Electronic	1.50196	1.5023
EURCAD	10-08-18	11:32-13:30			1.50057	10-08-18 11:32	1000	Other	NA	Electronic	1.50021	1.50057

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EURCAD	10-08-18	13:32-15:30			1.49614	10-08-18 13:32	3000	Other	NA	Electronic	1.49578	1.49614
EURCAD	10-08-18	15:32-17:30			1.49593	10-08-18 15:39	5000	Other	NA	Electronic	1.49593	1.49628
EURCAD	13-08-18	09:32-11:30			1.49706	13-08-18 09:41	5000	Other	NA	Electronic	1.49706	1.49738
EURCAD	13-08-18	11:32-13:30			1.49749	13-08-18 11:33	1000	Other	NA	Electronic	1.49713	1.49749
EURCAD	13-08-18	13:32-15:30			1.50056	13-08-18 13:34	50000	Other	NA	Electronic	1.50022	1.50056
EURCAD	13-08-18	15:32-17:30			1.49792	13-08-18 15:43	5000	Other	NA	Electronic	1.49758	1.49792
EURCAD	14-08-18	09:32-11:30			1.49256	14-08-18 09:32	8000	Other	NA	Electronic	1.49221	1.49256
EURCAD	14-08-18	11:32-13:30			1.49225	14-08-18 11:40	1000	Other	NA	Electronic	1.49225	1.49258
EURCAD	14-08-18	13:32-15:30			1.48939	14-08-18 13:44	50000	Other	NA	Electronic	1.48939	1.48971
EURCAD	14-08-18	15:30-15:32	1.48836	49000								
EURCAD	15-08-18	09:32-11:30			1.48163	15-08-18 09:43	70000	Other	NA	Electronic	1.4813	1.48163
EURCAD	15-08-18	11:30-11:32	1.4828	1000								
EURCAD	15-08-18	13:30-13:32	1.48433	3000								
EURCAD	15-08-18	15:32-17:30			1.49077	15-08-18 15:32	1000	Other	NA	Electronic	1.49042	1.49077
EURCAD	16-08-18	09:32-11:30			1.49302	16-08-18 09:32	1000	Other	NA	Electronic	1.49267	1.49302

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EURCAD	16-08-18	11:30-11:32	1.49441	2000								
EURCAD	16-08-18	13:30-13:32	1.49589	1000								
EURCAD	16-08-18	15:32-17:30			1.49737	16-08-18 15:35	3000	Other	NA	Electronic	1.49737	1.4977
EURCAD	17-08-18	09:30-09:32	1.49743	10000								
EURCAD	17-08-18	11:32-13:30			1.4982	17-08-18 11:33	50000	Other	NA	Electronic	1.4982	1.49855
EURCAD	17-08-18	13:32-15:30			1.49167	17-08-18 13:32	20000	Other	NA	Electronic	1.49135	1.49167
EURCAD	17-08-18	15:32-17:30			1.4931	17-08-18 15:47	1000	Other	NA	Electronic	1.49278	1.4931
EURCAD	20-08-18	09:30-09:32	1.49044	4000								
EURCAD	20-08-18	11:30-11:32	1.49247	2000								
EURCAD	20-08-18	13:30-13:32	1.4944	1000								
EURCAD	20-08-18	15:30-15:32	1.49444	3000								
EURCAD	21-08-18	09:32-11:30			1.5011	21-08-18 09:32	1000	Other	NA	Electronic	1.5011	1.50143
EURCAD	21-08-18	11:32-13:30			1.50041	21-08-18 11:33	1000	Other	NA	Electronic	1.50009	1.50041
EURCAD	21-08-18	13:30-13:32	1.50133	1000								
EURCAD	21-08-18	15:32-17:30			1.50451	21-08-18 15:32	1000	Other	NA	Electronic	1.50451	1.50482

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EURCAD	22-08-18	09:30-09:32	1.50792	3000								
EURCAD	22-08-18	11:32-13:30			1.51037	22-08-18 11:32	1000	Other	NA	Electronic	1.51037	1.5107
EURCAD	22-08-18	13:32-15:30			1.51106	22-08-18 13:35	6000	Other	NA	Electronic	1.51075	1.51106
EURCAD	22-08-18	15:30-15:32	1.50941	8000								
EURCAD	23-08-18	09:32-11:30			1.50815	23-08-18 10:05	40000	Other	NA	Electronic	1.50815	1.5085
EURCAD	23-08-18	11:32-13:30			1.50976	23-08-18 11:35	5000	Other	NA	Electronic	1.50942	1.50976
EURCAD	23-08-18	13:32-15:30			1.51004	23-08-18 13:40	2000	Other	NA	Electronic	1.51004	1.51039
EURCAD	23-08-18	15:30-15:32	1.51059	50000								
EURCAD	24-08-18	09:32-11:30			1.51322	24-08-18 09:47	1000	Other	NA	Electronic	1.51322	1.51357
EURCAD	24-08-18	11:32-13:30			1.51405	24-08-18 11:32	50000	Other	NA	Electronic	1.51371	1.51405
EURCAD	24-08-18	13:32-15:30			1.5139	24-08-18 13:45	1000	Other	NA	Electronic	1.51357	1.5139
EURCAD	24-08-18	15:32-17:30			1.51404	24-08-18 15:47	1000	Other	NA	Electronic	1.51371	1.51404
EURCAD	27-08-18	09:30-09:32	1.51309	2000								
EURCAD	27-08-18	11:30-11:32	1.51665	30000								
EURCAD	27-08-18	13:30-13:32	1.51878	2000								

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EURCAD	27-08-18	15:30-15:32	1.51549	1000								
EURCAD	28-08-18	09:32-11:30			1.51396	28-08-18 09:38	2000	Other	NA	Electronic	1.51363	1.51396
EURCAD	28-08-18	11:30-11:32	1.51306	4000								
EURCAD	28-08-18	13:30-13:32	1.51221	5000								
EURCAD	28-08-18	15:30-15:32	1.51296	2000								
EURCAD	29-08-18	09:32-11:30			1.50796	29-08-18 09:33	2000	Other	NA	Electronic	1.50796	1.5083
EURCAD	29-08-18	11:32-13:30			1.50988	29-08-18 11:35	1000	Other	NA	Electronic	1.50954	1.50988
EURCAD	29-08-18	13:30-13:32	1.50933	1000								
EURCAD	29-08-18	15:30-15:32	1.51425	5000								
EURCAD	30-08-18	09:32-11:30			1.51226	30-08-18 09:35	2000	Other	NA	Electronic	1.51196	1.51226
EURCAD	30-08-18	11:30-11:32	1.51133	1000								
EURCAD	30-08-18	13:30-13:32	1.51289	16000								
EURCAD	30-08-18	15:32-17:30			1.51249	30-08-18 15:36	2000	Other	NA	Electronic	1.51251	1.51283
EURCAD	31-08-18	09:32-11:30			1.5186	31-08-18 09:33	1000	Other	NA	Electronic	1.5186	1.51893
EURCAD	31-08-18	11:30-11:32	1.51496	1000								

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EURCAD	31-08-18	13:30-13:32	1.51858	3000								
EURCAD	31-08-18	15:32-17:30			1.51692	31-08-18 15:41	2000	Other	NA	Electronic	1.51692	1.51726
EURCAD	03-09-18	09:32-11:30			1.51439	03-09-18 09:33	1000	Other	NA	Electronic	1.52135	1.52169
EURCAD	03-09-18	11:32-13:30			1.51727	03-09-18 11:32	70000	Other	NA	Electronic	1.51698	1.51727
EURCAD	03-09-18	13:32-15:30			1.51705	03-09-18 13:33	1000	Other	NA	Electronic	1.51705	1.51739
EURCAD	03-09-18	15:32-17:30			1.5218	03-09-18 15:36	6000	Other	NA	Electronic	1.52144	1.5218
EURCAD	04-09-18	09:32-11:30			1.52046	04-09-18 09:40	1000	Other	NA	Electronic	1.52046	1.52081
EURCAD	04-09-18	11:32-13:30			1.5206	04-09-18 11:39	100000	Other	NA	Electronic	1.52027	1.5206
EURCAD	04-09-18	13:30-13:32	1.52373	2000								
EURCAD	04-09-18	15:30-15:32	1.52375	9000								
EURCAD	05-09-18	09:32-11:30			1.52727	05-09-18 09:35	2000	Other	NA	Electronic	1.52692	1.52727
EURCAD	05-09-18	11:32-13:30			1.52612	05-09-18 11:33	1000	Other	NA	Electronic	1.52581	1.52612
EURCAD	05-09-18	13:30-13:32	1.53101	10000								
EURCAD	05-09-18	15:30-15:32	1.53211	1000								
EURCAD	06-09-18	09:32-11:30			1.53104	06-09-18 09:38	5000	Other	NA	Electronic	1.53104	1.53139



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EURCAD	06-09-18	11:32-13:30			1.53296	06-09-18 11:42	15000	Other	NA	Electronic	1.53296	1.5333
EURCAD	06-09-18	13:32-15:30			1.53561	06-09-18 13:55	4000	Other	NA	Electronic	1.53525	1.53561
EURCAD	06-09-18	15:30-15:32	1.53471	1000								
EURCAD	07-09-18	09:32-11:30			1.52903	07-09-18 09:36	300000	Other	NA	Electronic	1.52903	1.52937
EURCAD	07-09-18	11:30-11:32	1.52375	14000								
EURCAD	07-09-18	13:30-13:32	1.52243	1000								
EURCAD	07-09-18	15:30-15:32	1.5243	1000								
EURCAD	10-09-18	09:30-09:32	1.52542	2000								
EURCAD	10-09-18	11:32-13:30			1.52637	10-09-18 11:49	1000	Other	NA	Electronic	1.52605	1.52637
EURCAD	10-09-18	13:32-15:30			1.52626	10-09-18 13:34	3000	Other	NA	Electronic	1.52626	1.52656
EURCAD	10-09-18	15:32-17:30			1.52742	10-09-18 15:33	1000	Other	NA	Electronic	1.5271	1.52742
EURCAD	11-09-18	09:32-11:30			1.52705	11-09-18 09:36	10000	Other	NA	Electronic	1.52672	1.52705
EURCAD	11-09-18	11:30-11:32	1.52404	4000								
EURCAD	11-09-18	13:32-15:30			1.52323	11-09-18 13:34	5000	Other	NA	Electronic	1.52323	1.52357
EURCAD	11-09-18	15:32-17:30			1.5225	11-09-18 15:34	5000	Other	NA	Electronic	1.52216	1.5225

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EURCAD	12-09-18	09:32-11:30			1.51343	12-09-18 09:39	15000	Other	NA	Electronic	1.51343	1.51375
EURCAD	12-09-18	11:32-13:30			1.51321	12-09-18 11:34	10000	Other	NA	Electronic	1.51321	1.51355
EURCAD	12-09-18	13:30-13:32	1.51478	10000								
EURCAD	12-09-18	15:32-17:30			1.51171	12-09-18 15:37	9000	Other	NA	Electronic	1.51171	1.51203
EURCAD	13-09-18	09:32-11:30			1.51135	13-09-18 09:33	1000	Other	NA	Electronic	1.51104	1.51135
EURCAD	13-09-18	11:32-13:30			1.51199	13-09-18 11:32	1000	Other	NA	Electronic	1.51199	1.5123
EURCAD	13-09-18	13:30-13:32	1.51847	12000								
EURCAD	13-09-18	15:30-15:32	1.51886	9000								
EURCAD	14-09-18	09:32-11:30			1.52173	14-09-18 09:35	8000	Other	NA	Electronic	1.52173	1.52205
EURCAD	14-09-18	11:32-13:30			1.52021	14-09-18 11:47	1000	Other	NA	Electronic	1.52021	1.52057
EURCAD	14-09-18	13:30-13:32	1.51887	24000								
EURCAD	14-09-18	15:32-17:30			1.51887	14-09-18 15:45	5000	Other	NA	Electronic	1.51852	1.51887
EURCAD	17-09-18	09:32-11:30			1.51785	17-09-18 09:34	2000	Other	NA	Electronic	1.51785	1.51817
EURCAD	17-09-18	11:30-11:32	1.51915	2000								
EURCAD	17-09-18	13:30-13:32	1.52148	2000								

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EURCAD	17-09-18	15:30-15:32	1.52326	5000								
EURCAD	18-09-18	09:30-09:32	1.52133	5000								
EURCAD	18-09-18	11:32-13:30			1.52248	18-09-18 11:33	13000	Other	NA	Electronic	1.52248	1.52281
EURCAD	18-09-18	13:30-13:32	1.52216	3000								
EURCAD	18-09-18	15:30-15:32	1.51869	7000								
EURCAD	19-09-18	09:32-11:30			1.51474	19-09-18 09:36	2000	Other	NA	Electronic	1.51474	1.51508
EURCAD	19-09-18	11:30-11:32	1.51288	23000								
EURCAD	19-09-18	13:32-15:30			1.5126	19-09-18 13:34	2000	Other	NA	Electronic	1.51227	1.5126
EURCAD	19-09-18	15:32-17:30			1.51213	19-09-18 15:33	3000	Other	NA	Electronic	1.51181	1.51213
EURCAD	20-09-18	09:32-11:30			1.5112	20-09-18 09:39	1000	Other	NA	Electronic	1.51087	1.5112
EURCAD	20-09-18	11:30-11:32	1.51463	2000								
EURCAD	20-09-18	13:32-15:30			1.51682	20-09-18 13:34	8000	Other	NA	Electronic	1.51682	1.51718
EURCAD	20-09-18	15:32-17:30			1.51674	20-09-18 15:39	100000	Other	NA	Electronic	1.5164	1.51674
EURCAD	21-09-18	09:32-11:30			1.52001	21-09-18 09:33	1000	Other	NA	Electronic	1.52001	1.52032
EURCAD	21-09-18	11:32-13:30			1.51964	21-09-18 11:44	1000	Other	NA	Electronic	1.51964	1.51998

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EURCAD	21-09-18	13:30-13:32	1.51666	7000								
EURCAD	21-09-18	15:30-15:32	1.51744	15000								
EURCAD	24-09-18	09:32-11:30			1.52324	24-09-18 09:38	3000	Other	NA	Electronic	1.52291	1.52324
EURCAD	24-09-18	11:32-13:30			1.52241	24-09-18 11:33	7000	Other	NA	Electronic	1.52733	1.52768
EURCAD	24-09-18	13:30-13:32	1.5247	10000								
EURCAD	24-09-18	15:32-17:30			1.52324	24-09-18 15:34	1000	Other	NA	Electronic	1.52324	1.52356
EURCAD	25-09-18	09:32-11:30			1.52408	25-09-18 09:33	1000	Other	NA	Electronic	1.52408	1.5244
EURCAD	25-09-18	11:30-11:32	1.5277	2000								
EURCAD	25-09-18	13:30-13:32	1.52566	5000								
EURCAD	25-09-18	15:32-17:30			1.52339	25-09-18 15:48	1000	Other	NA	Electronic	1.52339	1.52373
EURCAD	26-09-18	09:32-11:30			1.52408	26-09-18 09:48	1000	Other	NA	Electronic	1.52376	1.52408
EURCAD	26-09-18	11:32-13:30			1.52166	26-09-18 11:39	300000	Other	NA	Electronic	1.52166	1.522
EURCAD	26-09-18	13:30-13:32	1.5207	1000								
EURCAD	26-09-18	15:32-17:30			1.52422	26-09-18 15:55	20000	Other	NA	Electronic	1.5239	1.52422
EURCAD	27-09-18	09:32-11:30			1.52955	27-09-18 09:34	1000	Other	NA	Electronic	1.52955	1.52989

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EURCAD	27-09-18	11:32-13:30			1.52821	27-09-18 11:48	3000	Other	NA	Electronic	1.52789	1.52821
EURCAD	27-09-18	13:32-15:30			1.52533	27-09-18 13:36	1000	Other	NA	Electronic	1.52533	1.52563
EURCAD	27-09-18	15:30-15:32	1.52267	39000								
EURCAD	28-09-18	09:30-09:32	1.50973	10000								
EURCAD	28-09-18	11:32-13:30			1.50762	28-09-18 11:32	1000	Other	NA	Electronic	1.50728	1.50762
EURCAD	28-09-18	13:32-15:30			1.50245	28-09-18 13:40	1000	Other	NA	Electronic	1.50211	1.50245
EURCAD	28-09-18	15:32-17:30			1.50129	28-09-18 15:34	2000	Other	NA	Electronic	1.50129	1.50166
EURCAD.	02-07-18	09:32-11:30			1.53359	02-07-18 09:32	4000	Other	NA	Electronic	1.53345	1.53358
EURCAD.	02-07-18	11:32-13:30			1.53394	02-07-18 12:42	13000	Other	NA	Electronic	1.53394	1.53408
EURCAD.	02-07-18	13:32-15:30			1.53187	02-07-18 13:37	2000	Other	NA	Electronic	1.53171	1.53187
EURCAD.	03-07-18	09:32-11:30			1.53283	03-07-18 09:56	1000	Other	NA	Electronic	1.53283	1.53299
EURCAD.	03-07-18	11:32-13:30			1.53304	03-07-18 11:37	8000	Other	NA	Electronic	1.53289	1.53304
EURCAD.	03-07-18	13:32-15:30			1.53088	03-07-18 13:37	20000	Other	NA	Electronic	1.53088	1.53101
EURCAD.	03-07-18	15:32-17:30			1.53437	03-07-18 15:40	11000	Other	NA	Electronic	1.53423	1.53437
EURCAD.	04-07-18	09:32-11:30			1.53035	04-07-18 09:42	1000	Other	NA	Electronic	1.5302	1.53035

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EURCAD.	04-07-18	11:30-11:32	1.52987	2000								
EURCAD.	04-07-18	13:32-15:30			1.53003	04-07-18 13:39	2000	Other	NA	Electronic	1.53003	1.53021
EURCAD.	04-07-18	15:32-17:30			1.5299	04-07-18 16:10	1000	Other	NA	Electronic	1.5299	1.53008
EURCAD.	05-07-18	09:32-11:30			1.53669	05-07-18 10:40	1000	Other	NA	Electronic	1.53654	1.53667
EURCAD.	05-07-18	11:32-13:30			1.53694	05-07-18 11:36	10000	Other	NA	Electronic	1.53694	1.5371
EURCAD.	05-07-18	13:32-15:30			1.53572	05-07-18 14:05	1000	Other	NA	Electronic	1.53559	1.53572
EURCAD.	05-07-18	15:32-17:30			1.53486	05-07-18 16:02	41000	Other	NA	Electronic	1.53486	1.53501
EURCAD.	06-07-18	09:32-11:30			1.53797	06-07-18 09:36	1000	Other	NA	Electronic	1.53784	1.53797
EURCAD.	06-07-18	11:32-13:30			1.53888	06-07-18 11:46	1000	Other	NA	Electronic	1.53873	1.53888
EURCAD.	06-07-18	13:32-15:30			1.54151	06-07-18 13:37	5000	Other	NA	Electronic	1.54151	1.54166
EURCAD.	06-07-18	15:32-17:30			1.53755	06-07-18 15:33	1000	Other	NA	Electronic	1.53755	1.53765
EURCAD.	09-07-18	09:32-11:30			1.53905	09-07-18 09:50	1000	Other	NA	Electronic	1.53892	1.53905
EURCAD.	09-07-18	11:32-13:30			1.54088	09-07-18 11:43	1000	Other	NA	Electronic	1.54088	1.541
EURCAD.	09-07-18	13:32-15:30			1.53893	09-07-18 13:32	1000	Other	NA	Electronic	1.53877	1.53893
EURCAD.	09-07-18	15:32-17:30			1.53897	09-07-18 15:53	500000	Other	NA	Electronic	1.53897	1.53909

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EURCAD.	10-07-18	09:32-11:30			1.54	10-07-18 09:35	10000	Other	NA	Electronic	1.54	1.54011
EURCAD.	10-07-18	11:32-13:30			1.53721	10-07-18 11:33	1000	Other	NA	Electronic	1.53707	1.53721
EURCAD.	10-07-18	13:32-15:30			1.53783	10-07-18 14:01	100000	Other	NA	Electronic	1.53769	1.53783
EURCAD.	10-07-18	15:32-17:30			1.53843	10-07-18 15:33	1000	Other	NA	Electronic	1.53831	1.53843
EURCAD.	11-07-18	09:32-11:30			1.54111	11-07-18 09:39	5000	Other	NA	Electronic	1.54099	1.54111
EURCAD.	11-07-18	11:30-11:32	1.54097	38000								
EURCAD.	11-07-18	13:30-13:32	1.54347	350000								
EURCAD.	11-07-18	15:32-17:30			1.539	11-07-18 15:47	8000	Other	NA	Electronic	1.53887	1.539
EURCAD.	12-07-18	09:32-11:30			1.54054	12-07-18 10:13	30000	Other	NA	Electronic	1.54054	1.54068
EURCAD.	12-07-18	11:32-13:30			1.53748	12-07-18 11:40	2000	Other	NA	Electronic	1.53738	1.53748
EURCAD.	12-07-18	13:30-13:32	1.53734	10000								
EURCAD.	12-07-18	15:30-15:32	1.53827	2000								
EURCAD.	13-07-18	09:32-11:30			1.53345	13-07-18 09:47	1000	Other	NA	Electronic	1.53345	1.53358
EURCAD.	13-07-18	11:32-13:30			1.53583	13-07-18 12:21	12000	Other	NA	Electronic	1.53583	1.53595
EURCAD.	13-07-18	13:32-15:30			1.53453	13-07-18 13:34	1000	Other	NA	Electronic	1.53453	1.53466

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EURCAD.	13-07-18	15:32-17:30			1.53689	13-07-18 15:47	4000	Other	NA	Electronic	1.53689	1.53705
EURCAD.	16-07-18	09:32-11:30			1.53865	16-07-18 09:41	3000	Other	NA	Electronic	1.53865	1.53879
EURCAD.	16-07-18	11:32-13:30			1.54039	16-07-18 11:36	100000	Other	NA	Electronic	1.54039	1.54054
EURCAD.	16-07-18	13:32-15:30			1.53733	16-07-18 13:52	8000	Other	NA	Electronic	1.53721	1.53733
EURCAD.	16-07-18	15:32-17:30			1.53796	16-07-18 15:32	5000	Other	NA	Electronic	1.53781	1.53795
EURCAD.	17-07-18	09:30-09:32	1.53993	1000								
EURCAD.	17-07-18	11:32-13:30			1.54035	17-07-18 11:38	1000	Other	NA	Electronic	1.54035	1.54047
EURCAD.	17-07-18	13:32-15:30			1.54127	17-07-18 13:36	2000	Other	NA	Electronic	1.54127	1.5414
EURCAD.	17-07-18	15:30-15:32	1.5417	18000								
EURCAD.	18-07-18	09:30-09:32	1.53929	32000								
EURCAD.	18-07-18	11:32-13:30			1.53791	18-07-18 11:40	1000	Other	NA	Electronic	1.53777	1.53791
EURCAD.	18-07-18	13:30-13:32	1.53936	2000								
EURCAD.	18-07-18	15:32-17:30			1.53797	18-07-18 15:34	8000	Other	NA	Electronic	1.53784	1.53797
EURCAD.	19-07-18	09:32-11:30			1.53538	19-07-18 09:35	1000	Other	NA	Electronic	1.53538	1.53554
EURCAD.	19-07-18	11:32-13:30			1.53425	19-07-18 11:34	1000	Other	NA	Electronic	1.53412	1.53425



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EURCAD.	19-07-18	13:32-15:30			1.53643	19-07-18 13:32	9000	Other	NA	Electronic	1.53643	1.53655
EURCAD.	19-07-18	15:32-17:30			1.5396	19-07-18 15:35	10000	Other	NA	Electronic	1.5396	1.53972
EURCAD.	20-07-18	09:32-11:30			1.54343	20-07-18 09:45	1000	Other	NA	Electronic	1.54328	1.54343
EURCAD.	20-07-18	11:32-13:30			1.54436	20-07-18 12:12	2000	Other	NA	Electronic	1.54436	1.54451
EURCAD.	20-07-18	13:32-15:30			1.53832	20-07-18 13:33	1000	Other	NA	Electronic	1.53832	1.53847
EURCAD.	20-07-18	15:32-17:30			1.53907	20-07-18 15:55	3000	Other	NA	Electronic	1.53896	1.53909
EURCAD.	23-07-18	09:30-09:32	1.53817	8000								
EURCAD.	23-07-18	11:30-11:32	1.53974	10000								
EURCAD.	23-07-18	13:30-13:32	1.53969	10000								
EURCAD.	23-07-18	15:32-17:30			1.53854	23-07-18 15:57	5000	Other	NA	Electronic	1.53854	1.53867
EURCAD.	24-07-18	09:32-11:30			1.53889	24-07-18 09:44	1000	Other	NA	Electronic	1.53876	1.53889
EURCAD.	24-07-18	11:32-13:30			1.53921	24-07-18 12:10	1000	Other	NA	Electronic	1.53907	1.53921
EURCAD.	24-07-18	13:32-15:30			1.53915	24-07-18 13:45	4000	Other	NA	Electronic	1.53899	1.53915
EURCAD.	24-07-18	15:32-17:30			1.53805	24-07-18 15:51	5000	Other	NA	Electronic	1.53793	1.53805
EURCAD.	25-07-18	09:32-11:30			1.5367	25-07-18 09:35	1000	Other	NA	Electronic	1.5367	1.53681

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EURCAD.	25-07-18	11:32-13:30			1.53463	25-07-18 12:03	1000	Other	NA	Electronic	1.53449	1.53463
EURCAD.	25-07-18	13:32-15:30			1.53242	25-07-18 13:33	1000	Other	NA	Electronic	1.53226	1.53242
EURCAD.	25-07-18	15:32-17:30			1.53084	25-07-18 15:32	8000	Other	NA	Electronic	1.53069	1.53084
EURCAD.	26-07-18	09:32-11:30			1.52765	26-07-18 09:40	1000	Other	NA	Electronic	1.52748	1.52765
EURCAD.	26-07-18	11:30-11:32	1.52799	30000								
EURCAD.	26-07-18	13:30-13:32	1.52489	2000								
EURCAD.	26-07-18	15:32-17:30			1.52365	26-07-18 15:52	2000	Other	NA	Electronic	1.52352	1.52365
EURCAD.	27-07-18	09:30-09:32	1.51992	1000								
EURCAD.	27-07-18	11:32-13:30			1.51994	27-07-18 11:53	1000	Other	NA	Electronic	1.51994	1.52007
EURCAD.	27-07-18	13:30-13:32	1.52252	4000								
EURCAD.	27-07-18	15:32-17:30			1.52239	27-07-18 16:44	5000	Other	NA	Electronic	1.52227	1.52239
EURCAD.	30-07-18	09:32-11:30			1.52565	30-07-18 09:33	50000	Other	NA	Electronic	1.52565	1.52578
EURCAD.	30-07-18	11:32-13:30			1.52368	30-07-18 11:44	2000	Other	NA	Electronic	1.52356	1.52368
EURCAD.	30-07-18	13:32-15:30			1.52314	30-07-18 13:59	3000	Other	NA	Electronic	1.52313	1.52328
EURCAD.	30-07-18	15:32-17:30			1.5242	30-07-18 15:35	5000	Other	NA	Electronic	1.5242	1.52432

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURCAD.	31-07-18	09:32-11:30			1.52932	31-07-18 09:35	5000	Other	NA	Electronic	1.52932	1.52945
EURCAD.	31-07-18	11:32-13:30			1.52947	31-07-18 11:48	1000	Other	NA	Electronic	1.52933	1.52947
EURCAD.	31-07-18	13:32-15:30			1.52801	31-07-18 13:36	50000	Other	NA	Electronic	1.52801	1.52815
EURCAD.	31-07-18	15:32-17:30			1.52353	31-07-18 15:35	1000	Other	NA	Electronic	1.5234	1.52353
EURCAD.	01-08-18	09:32-11:30			1.52159	01-08-18 10:02	5000	Other	NA	Electronic	1.52159	1.52171
EURCAD.	01-08-18	11:32-13:30			1.52249	01-08-18 12:00	1000000	Other	NA	Electronic	1.52235	1.52249
EURCAD.	01-08-18	13:30-13:32	1.52006	1000								
EURCAD.	01-08-18	15:32-17:30			1.51665	01-08-18 15:43	1000	Other	NA	Electronic	1.51657	1.51663
EURCAD.	02-08-18	09:32-11:30			1.51348	02-08-18 10:10	5000	Other	NA	Electronic	1.51348	1.51362
EURCAD.	02-08-18	11:30-11:32	1.51258	4000								
EURCAD.	02-08-18	13:32-15:30			1.51365	02-08-18 13:42	50000	Other	NA	Electronic	1.51365	1.51379
EURCAD.	02-08-18	15:32-17:30			1.51067	02-08-18 15:42	2000	Other	NA	Electronic	1.51057	1.51067
EURCAD.	03-08-18	09:32-11:30			1.50676	03-08-18 10:04	1000	Other	NA	Electronic	1.50676	1.50689
EURCAD.	03-08-18	11:32-13:30			1.50746	03-08-18 11:35	1000	Other	NA	Electronic	1.50746	1.50759
EURCAD.	03-08-18	13:32-15:30			1.50299	03-08-18 13:37	50000	Other	NA	Electronic	1.50286	1.503

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EURCAD.	03-08-18	15:32-17:30			1.50428	03-08-18 16:19	2000	Other	NA	Electronic	1.50413	1.50428
EURCAD.	06-08-18	09:32-11:30			1.502	06-08-18 10:49	1000	Other	NA	Electronic	1.50187	1.502
EURCAD.	06-08-18	11:30-11:32	1.50207	10000								
EURCAD.	06-08-18	13:32-15:30			1.50465	06-08-18 13:36	1000	Other	NA	Electronic	1.50465	1.50477
EURCAD.	06-08-18	15:30-15:32	1.50403	2000								
EURCAD.	07-08-18	11:32-13:30			1.50348	07-08-18 11:53	2000	Other	NA	Electronic	1.50335	1.50348
EURCAD.	07-08-18	13:30-13:32	1.50673	2000								
EURCAD.	07-08-18	15:32-17:30			1.51068	07-08-18 16:36	21000	Other	NA	Electronic	1.5107	1.51081
EURCAD.	08-08-18	09:32-11:30			1.5174	08-08-18 11:05	5000	Other	NA	Electronic	1.5174	1.51756
EURCAD.	08-08-18	11:32-13:30			1.5163	08-08-18 12:00	2000	Other	NA	Electronic	1.5163	1.51645
EURCAD.	08-08-18	13:32-15:30			1.51478	08-08-18 13:46	10000	Other	NA	Electronic	1.51478	1.51491
EURCAD.	08-08-18	15:32-17:30			1.51291	08-08-18 17:07	1000	Other	NA	Electronic	1.51291	1.51312
EURCAD.	09-08-18	09:32-11:30			1.5097	09-08-18 09:34	1000	Other	NA	Electronic	1.5097	1.50982
EURCAD.	09-08-18	11:32-13:30			1.51164	09-08-18 11:40	301000	Other	NA	Electronic	1.51155	1.51164
EURCAD.	09-08-18	13:32-15:30			1.5102	09-08-18 14:22	1000	Other	NA	Electronic	1.51008	1.5102

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EURCAD.	09-08-18	15:32-17:30			1.50857	09-08-18 16:56	7000	Other	NA	Electronic	1.50844	1.50857
EURCAD.	10-08-18	09:32-11:30			1.50147	10-08-18 10:00	2000	Other	NA	Electronic	1.50134	1.50147
EURCAD.	10-08-18	11:32-13:30			1.49999	10-08-18 11:38	5000	Other	NA	Electronic	1.49999	1.50012
EURCAD.	10-08-18	13:32-15:30			1.49615	10-08-18 13:53	1000	Other	NA	Electronic	1.49615	1.49628
EURCAD.	10-08-18	15:32-17:30			1.49633	10-08-18 15:36	201000	Other	NA	Electronic	1.4962	1.49633
EURCAD.	13-08-18	09:32-11:30			1.4971	13-08-18 10:03	7000	Other	NA	Electronic	1.49696	1.4971
EURCAD.	13-08-18	11:32-13:30			1.49737	13-08-18 11:33	5000	Other	NA	Electronic	1.49723	1.49737
EURCAD.	13-08-18	13:32-15:30			1.49778	13-08-18 14:39	3000	Other	NA	Electronic	1.49778	1.4979
EURCAD.	13-08-18	15:32-17:30			1.49818	13-08-18 17:01	1000	Other	NA	Electronic	1.49818	1.49831
EURCAD.	14-08-18	09:32-11:30			1.49277	14-08-18 09:36	4000	Other	NA	Electronic	1.49277	1.4929
EURCAD.	14-08-18	11:32-13:30			1.4917	14-08-18 12:05	50000	Other	NA	Electronic	1.4917	1.49179
EURCAD.	14-08-18	13:32-15:30			1.48948	14-08-18 14:13	1000	Other	NA	Electronic	1.48948	1.48959
EURCAD.	14-08-18	15:32-17:30			1.48762	14-08-18 15:38	2000	Other	NA	Electronic	1.48753	1.48762
EURCAD.	15-08-18	09:32-11:30			1.48215	15-08-18 09:54	3000	Other	NA	Electronic	1.48203	1.48215
EURCAD.	15-08-18	11:32-13:30			1.48354	15-08-18 11:32	4000	Other	NA	Electronic	1.48343	1.48354

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EURCAD.	15-08-18	13:32-15:30			1.48442	15-08-18 13:45	2000	Other	NA	Electronic	1.48433	1.48442
EURCAD.	15-08-18	15:30-15:32	1.49058	1000								
EURCAD.	16-08-18	09:32-11:30			1.49279	16-08-18 10:00	5000	Other	NA	Electronic	1.49279	1.4929
EURCAD.	16-08-18	11:32-13:30			1.49507	16-08-18 11:38	5000	Other	NA	Electronic	1.49498	1.49507
EURCAD.	16-08-18	13:32-15:30			1.49606	16-08-18 13:32	9000	Other	NA	Electronic	1.49594	1.49606
EURCAD.	16-08-18	15:32-17:30			1.49764	16-08-18 15:38	50000	Other	NA	Electronic	1.49764	1.49776
EURCAD.	17-08-18	09:32-11:30			1.4976	17-08-18 09:33	2000	Other	NA	Electronic	1.4976	1.49771
EURCAD.	17-08-18	11:32-13:30			1.49803	17-08-18 11:57	10000	Other	NA	Electronic	1.49803	1.49814
EURCAD.	17-08-18	13:32-15:30			1.49295	17-08-18 13:53	5000	Other	NA	Electronic	1.49281	1.49295
EURCAD.	17-08-18	15:32-17:30			1.4933	17-08-18 16:05	2000	Other	NA	Electronic	1.49319	1.4933
EURCAD.	20-08-18	09:32-11:30			1.4913	20-08-18 10:13	5000	Other	NA	Electronic	1.4913	1.49141
EURCAD.	20-08-18	11:32-13:30			1.49293	20-08-18 11:36	1000	Other	NA	Electronic	1.49293	1.493
EURCAD.	20-08-18	13:30-13:32	1.4946	8000								
EURCAD.	20-08-18	15:32-17:30			1.49607	20-08-18 15:58	3000	Other	NA	Electronic	1.49592	1.49607
EURCAD.	21-08-18	09:32-11:30			1.49987	21-08-18 10:14	100000	Other	NA	Electronic	1.49974	1.49987

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EURCAD.	21-08-18	11:32-13:30			1.49913	21-08-18 11:58	100000	Other	NA	Electronic	1.49913	1.49925
EURCAD.	21-08-18	13:32-15:30			1.50073	21-08-18 13:47	2000	Other	NA	Electronic	1.50073	1.50082
EURCAD.	21-08-18	15:30-15:32	1.50436	6000								
EURCAD.	22-08-18	09:32-11:30			1.5086	22-08-18 09:39	10000	Other	NA	Electronic	1.50847	1.5086
EURCAD.	22-08-18	11:32-13:30			1.51182	22-08-18 11:52	2000	Other	NA	Electronic	1.51182	1.51192
EURCAD.	22-08-18	13:32-15:30			1.51012	22-08-18 13:47	3000	Other	NA	Electronic	1.51012	1.51032
EURCAD.	22-08-18	15:32-17:30			1.50892	22-08-18 15:48	5000	Other	NA	Electronic	1.50882	1.50892
EURCAD.	23-08-18	09:32-11:30			1.5075	23-08-18 09:49	10000	Other	NA	Electronic	1.50741	1.5075
EURCAD.	23-08-18	11:32-13:30			1.50889	23-08-18 12:00	2000	Other	NA	Electronic	1.50889	1.50901
EURCAD.	23-08-18	13:32-15:30			1.51052	23-08-18 13:35	1000	Other	NA	Electronic	1.51052	1.51064
EURCAD.	23-08-18	15:32-17:30			1.51076	23-08-18 15:45	1000	Other	NA	Electronic	1.51065	1.51076
EURCAD.	24-08-18	09:32-11:30			1.51248	24-08-18 09:34	2000	Other	NA	Electronic	1.51245	1.51259
EURCAD.	24-08-18	11:32-13:30			1.5147	24-08-18 11:40	3000	Other	NA	Electronic	1.51587	1.51598
EURCAD.	24-08-18	13:32-15:30			1.51185	24-08-18 14:00	3000	Other	NA	Electronic	1.51185	1.51194
EURCAD.	27-08-18	09:32-11:30			1.51425	27-08-18 10:04	3000	Other	NA	Electronic	1.51412	1.51425

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EURCAD.	27-08-18	11:32-13:30			1.5181	27-08-18 12:15	2000	Other	NA	Electronic	1.51799	1.5181
EURCAD.	27-08-18	13:32-15:30			1.51723	27-08-18 13:42	3000	Other	NA	Electronic	1.51723	1.51735
EURCAD.	27-08-18	15:30-15:32	1.51565	2000								
EURCAD.	28-08-18	09:32-11:30			1.51366	28-08-18 09:35	1000	Other	NA	Electronic	1.51366	1.51377
EURCAD.	28-08-18	11:30-11:32	1.51331	4000								
EURCAD.	28-08-18	13:32-15:30			1.51246	28-08-18 13:33	1000	Other	NA	Electronic	1.51236	1.51246
EURCAD.	28-08-18	15:32-17:30			1.51316	28-08-18 15:33	1000	Other	NA	Electronic	1.51316	1.51327
EURCAD.	29-08-18	09:32-11:30			1.50862	29-08-18 09:45	2000	Other	NA	Electronic	1.50862	1.50874
EURCAD.	29-08-18	11:32-13:30			1.50971	29-08-18 11:55	3000	Other	NA	Electronic	1.50962	1.50971
EURCAD.	29-08-18	13:32-15:30			1.50961	29-08-18 13:39	101000	Other	NA	Electronic	1.50951	1.50961
EURCAD.	29-08-18	15:32-17:30			1.51445	29-08-18 15:34	20000	Other	NA	Electronic	1.51435	1.51445
EURCAD.	30-08-18	09:32-11:30			1.51195	30-08-18 09:38	1000	Other	NA	Electronic	1.51195	1.51206
EURCAD.	30-08-18	11:32-13:30			1.51121	30-08-18 12:04	3000	Other	NA	Electronic	1.51121	1.51133
EURCAD.	30-08-18	13:32-15:30			1.51531	30-08-18 14:06	10000	Other	NA	Electronic	1.51531	1.5154
EURCAD.	30-08-18	15:32-17:30			1.51369	30-08-18 16:17	4000	Other	NA	Electronic	1.51358	1.51369



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EURCAD.	31-08-18	09:32-11:30			1.51841	31-08-18 09:32	20000	Other	NA	Electronic	1.51841	1.51854
EURCAD.	31-08-18	11:32-13:30			1.51704	31-08-18 11:50	2000	Other	NA	Electronic	1.51682	1.51704
EURCAD.	31-08-18	13:32-15:30			1.51715	31-08-18 13:56	2000	Other	NA	Electronic	1.51715	1.5173
EURCAD.	31-08-18	15:32-17:30			1.51684	31-08-18 15:53	5000	Other	NA	Electronic	1.51684	1.51694
EURCAD.	03-09-18	09:32-11:30			1.51436	03-09-18 09:32	1000	Other	NA	Electronic	1.51423	1.51436
EURCAD.	03-09-18	11:32-13:30			1.51717	03-09-18 11:46	1000	Other	NA	Electronic	1.51717	1.5173
EURCAD.	03-09-18	13:32-15:30			1.51707	03-09-18 13:53	1000	Other	NA	Electronic	1.51707	1.51718
EURCAD.	03-09-18	15:30-15:32	1.52097	5000								
EURCAD.	04-09-18	09:32-11:30			1.52083	04-09-18 09:39	1000	Other	NA	Electronic	1.52071	1.52083
EURCAD.	04-09-18	11:32-13:30			1.5229	04-09-18 12:16	5000	Other	NA	Electronic	1.52289	1.523
EURCAD.	04-09-18	13:32-15:30			1.52368	04-09-18 13:43	2000	Other	NA	Electronic	1.52359	1.52368
EURCAD.	04-09-18	15:32-17:30			1.52491	04-09-18 15:38	7000	Other	NA	Electronic	1.52478	1.5249
EURCAD.	05-09-18	09:32-11:30			1.5269	05-09-18 09:41	1000	Other	NA	Electronic	1.5269	1.52702
EURCAD.	05-09-18	11:32-13:30			1.526	05-09-18 11:39	5000	Other	NA	Electronic	1.526	1.5261
EURCAD.	05-09-18	13:32-15:30			1.52996	05-09-18 13:37	9000	Other	NA	Electronic	1.52983	1.52996

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EURCAD.	05-09-18	15:32-17:30			1.53329	05-09-18 16:14	3000	Other	NA	Electronic	1.53317	1.53329
EURCAD.	06-09-18	09:32-11:30			1.53076	06-09-18 09:42	1000	Other	NA	Electronic	1.53076	1.53088
EURCAD.	06-09-18	11:32-13:30			1.53358	06-09-18 11:46	1000	Other	NA	Electronic	1.53358	1.53367
EURCAD.	06-09-18	13:32-15:30			1.53529	06-09-18 13:53	2000	Other	NA	Electronic	1.53531	1.53541
EURCAD.	06-09-18	15:32-17:30			1.53575	06-09-18 15:53	2000	Other	NA	Electronic	1.53559	1.53575
EURCAD.	07-09-18	09:32-11:30			1.52874	07-09-18 09:54	1000	Other	NA	Electronic	1.52874	1.52884
EURCAD.	07-09-18	11:32-13:30			1.52368	07-09-18 11:46	30000	Other	NA	Electronic	1.52368	1.5238
EURCAD.	07-09-18	13:30-13:32	1.52222	23000								
EURCAD.	07-09-18	15:32-17:30			1.52393	07-09-18 15:46	1000	Other	NA	Electronic	1.52393	1.52406
EURCAD.	10-09-18	09:32-11:30			1.52611	10-09-18 10:29	1000	Other	NA	Electronic	1.52611	1.52621
EURCAD.	10-09-18	11:32-13:30			1.52579	10-09-18 11:33	20000	Other	NA	Electronic	1.52579	1.52591
EURCAD.	10-09-18	13:32-15:30			1.52644	10-09-18 13:42	10000	Other	NA	Electronic	1.52634	1.52644
EURCAD.	10-09-18	15:32-17:30			1.52687	10-09-18 15:37	1000	Other	NA	Electronic	1.52679	1.52687
EURCAD.	11-09-18	09:32-11:30			1.52648	11-09-18 09:49	2000	Other	NA	Electronic	1.52648	1.52659
EURCAD.	11-09-18	11:32-13:30			1.52377	11-09-18 12:00	1000	Other	NA	Electronic	1.52366	1.52377

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EURCAD.	11-09-18	13:32-15:30			1.52326	11-09-18 13:33	1000	Other	NA	Electronic	1.52326	1.52336
EURCAD.	11-09-18	15:32-17:30			1.52205	11-09-18 16:17	1000	Other	NA	Electronic	1.52195	1.52205
EURCAD.	12-09-18	09:32-11:30			1.51213	12-09-18 10:40	2000	Other	NA	Electronic	1.51201	1.51213
EURCAD.	12-09-18	11:30-11:32	1.51333	1000								
EURCAD.	12-09-18	13:32-15:30			1.51448	12-09-18 13:36	1000	Other	NA	Electronic	1.51436	1.51448
EURCAD.	12-09-18	15:32-17:30			1.51201	12-09-18 16:10	1000	Other	NA	Electronic	1.51201	1.51212
EURCAD.	13-09-18	09:32-11:30			1.51182	13-09-18 09:36	25000	Other	NA	Electronic	1.51173	1.51182
EURCAD.	13-09-18	11:32-13:30			1.51327	13-09-18 12:38	5000	Other	NA	Electronic	1.51311	1.51327
EURCAD.	13-09-18	13:32-15:30			1.51901	13-09-18 13:32	2000	Other	NA	Electronic	1.51889	1.51901
EURCAD.	13-09-18	15:32-17:30			1.51845	13-09-18 15:44	15000	Other	NA	Electronic	1.51845	1.51856
EURCAD.	14-09-18	09:32-11:30			1.52037	14-09-18 11:00	1000	Other	NA	Electronic	1.52037	1.52048
EURCAD.	14-09-18	11:30-11:32	1.51994	11000								
EURCAD.	14-09-18	13:32-15:30			1.51904	14-09-18 13:35	11000	Other	NA	Electronic	1.51893	1.51904
EURCAD.	14-09-18	15:32-17:30			1.51887	14-09-18 15:36	5000	Other	NA	Electronic	1.51887	1.51898
EURCAD.	17-09-18	09:32-11:30			1.5183	17-09-18 09:40	3000	Other	NA	Electronic	1.5183	1.51839

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EURCAD.	17-09-18	11:32-13:30			1.5196	17-09-18 11:45	5000	Other	NA	Electronic	1.51952	1.5196
EURCAD.	17-09-18	13:32-15:30			1.52079	17-09-18 14:31	5000	Other	NA	Electronic	1.52079	1.5209
EURCAD.	17-09-18	15:32-17:30			1.52115	17-09-18 15:52	1000	Other	NA	Electronic	1.52115	1.52122
EURCAD.	18-09-18	09:30-09:32	1.52135	1000								
EURCAD.	18-09-18	11:30-11:32	1.52256	1000								
EURCAD.	18-09-18	13:32-15:30			1.52146	18-09-18 13:38	2000	Other	NA	Electronic	1.52136	1.52146
EURCAD.	18-09-18	15:32-17:30			1.51762	18-09-18 15:40	50000	Other	NA	Electronic	1.5175	1.51762
EURCAD.	19-09-18	09:32-11:30			1.5152	19-09-18 09:37	100000	Other	NA	Electronic	1.51509	1.5152
EURCAD.	19-09-18	11:32-13:30			1.51296	19-09-18 11:38	1000	Other	NA	Electronic	1.51296	1.51307
EURCAD.	19-09-18	13:32-15:30			1.51714	19-09-18 14:24	2000	Other	NA	Electronic	1.51625	1.51714
EURCAD.	19-09-18	15:32-17:30			1.51239	19-09-18 15:36	3000	Other	NA	Electronic	1.51229	1.51239
EURCAD.	20-09-18	09:32-11:30			1.51035	20-09-18 10:29	10000	Other	NA	Electronic	1.51024	1.51035
EURCAD.	20-09-18	11:30-11:32	1.51456	14000								
EURCAD.	20-09-18	13:32-15:30			1.51628	20-09-18 14:01	1000	Other	NA	Electronic	1.51615	1.51628
EURCAD.	20-09-18	15:32-17:30			1.51817	20-09-18 16:30	1000	Other	NA	Electronic	1.51804	1.51817

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EURCAD.	21-09-18	09:32-11:30			1.52012	21-09-18 09:33	3000	Other	NA	Electronic	1.52012	1.52021
EURCAD.	21-09-18	11:32-13:30			1.5205	21-09-18 12:20	4000	Other	NA	Electronic	1.5204	1.5205
EURCAD.	21-09-18	13:32-15:30			1.51807	21-09-18 14:38	3000	Other	NA	Electronic	1.51796	1.51807
EURCAD.	21-09-18	15:32-17:30			1.51689	21-09-18 15:38	3000	Other	NA	Electronic	1.51678	1.51689
EURCAD.	24-09-18	09:32-11:30			1.52309	24-09-18 09:51	15000	Other	NA	Electronic	1.52296	1.52309
EURCAD.	24-09-18	11:32-13:30			1.52293	24-09-18 11:47	5000	Other	NA	Electronic	1.52293	1.523
EURCAD.	24-09-18	13:32-15:30			1.52498	24-09-18 13:39	40000	Other	NA	Electronic	1.52498	1.52511
EURCAD.	24-09-18	15:32-17:30			1.52303	24-09-18 15:58	1000	Other	NA	Electronic	1.52292	1.52303
EURCAD.	25-09-18	09:32-11:30			1.52395	25-09-18 10:25	1000	Other	NA	Electronic	1.52386	1.52395
EURCAD.	25-09-18	11:30-11:32	1.52751	22000								
EURCAD.	25-09-18	13:32-15:30			1.52491	25-09-18 13:34	35000	Other	NA	Electronic	1.52491	1.52502
EURCAD.	26-09-18	09:32-11:30			1.52253	26-09-18 10:45	5000	Other	NA	Electronic	1.52253	1.52265
EURCAD.	26-09-18	11:32-13:30			1.52163	26-09-18 11:32	4000	Other	NA	Electronic	1.52163	1.52171
EURCAD.	26-09-18	13:32-15:30			1.52049	26-09-18 13:59	50000	Other	NA	Electronic	1.52049	1.52062
EURCAD.	26-09-18	15:32-17:30			1.52368	26-09-18 16:33	5000	Other	NA	Electronic	1.52368	1.52378

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EURCAD.	27-09-18	09:32-11:30			1.5283	27-09-18 09:58	3000	Other	NA	Electronic	1.5283	1.52843
EURCAD.	27-09-18	11:32-13:30			1.52625	27-09-18 12:44	5000	Other	NA	Electronic	1.52625	1.52636
EURCAD.	27-09-18	13:32-15:30			1.52501	27-09-18 14:46	1000	Other	NA	Electronic	1.52501	1.52511
EURCAD.	27-09-18	15:32-17:30			1.52282	27-09-18 15:34	5000	Other	NA	Electronic	1.5227	1.52282
EURCAD.	28-09-18	09:32-11:30			1.50978	28-09-18 09:37	1000	Other	NA	Electronic	1.50966	1.50978
EURCAD.	28-09-18	11:32-13:30			1.50682	28-09-18 11:46	20000	Other	NA	Electronic	1.50669	1.50682
EURCAD.	28-09-18	13:32-15:30			1.50166	28-09-18 13:55	3000	Other	NA	Electronic	1.50155	1.50166
EURCAD.	28-09-18	15:32-17:30			1.5017	28-09-18 15:34	2000	Other	NA	Electronic	1.50156	1.5017
EURCADmicro	02-07-18	09:30-09:32	1.53345	200								
EURCADmicro	02-07-18	11:32-13:30			1.53312	02-07-18 11:38	1500	Other	NA	Electronic	1.53278	1.53312
EURCADmicro	02-07-18	13:30-13:32	1.53093	51800								
EURCADmicro	02-07-18	15:30-15:32	1.53264	16310								
EURCADmicro	03-07-18	09:30-09:32	1.53422	3500								
EURCADmicro	03-07-18	11:30-11:32	1.53253	20000								
EURCADmicro	03-07-18	13:30-13:32	1.53162	2200								

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EURCADmicro	03-07-18	15:32-17:30			1.53443	03-07-18 15:36	1000	Other	NA	Electronic	1.53409	1.53443
EURCADmicro	04-07-18	09:30-09:32	1.53066	10								
EURCADmicro	04-07-18	11:30-11:32	1.52976	200								
EURCADmicro	04-07-18	13:30-13:32	1.52979	16510								
EURCADmicro	04-07-18	15:30-15:32	1.53057	20								
EURCADmicro	05-07-18	09:30-09:32	1.53634	4560								
EURCADmicro	05-07-18	11:30-11:32	1.53645	2000								
EURCADmicro	05-07-18	13:30-13:32	1.53595	40								
EURCADmicro	05-07-18	15:30-15:32	1.53578	2040								
EURCADmicro	06-07-18	09:30-09:32	1.53768	50								
EURCADmicro	06-07-18	11:30-11:32	1.53876	15000								
EURCADmicro	06-07-18	13:30-13:32	1.54353	1320								
EURCADmicro	06-07-18	15:30-15:32	1.53798	100								
EURCADmicro	09-07-18	09:32-11:30			1.53926	09-07-18 09:34	200	Other	NA	Electronic	1.53926	1.5396
EURCADmicro	09-07-18	11:32-13:30			1.5406	09-07-18 11:37	100	Other	NA	Electronic	1.54026	1.5406

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EURCADmicro	09-07-18	13:32-15:30			1.53866	09-07-18 13:32	1000	Other	NA	Electronic	1.53866	1.53897
EURCADmicro	09-07-18	15:30-15:32	1.53883	200								
EURCADmicro	10-07-18	09:30-09:32	1.54026	2500								
EURCADmicro	10-07-18	11:30-11:32	1.53719	4670								
EURCADmicro	10-07-18	13:32-15:30			1.53899	10-07-18 13:34	170	Other	NA	Electronic	1.53899	1.53934
EURCADmicro	10-07-18	15:32-17:30			1.5393	10-07-18 15:41	900	Other	NA	Electronic	1.53896	1.5393
EURCADmicro	11-07-18	09:30-09:32	1.54071	1020								
EURCADmicro	11-07-18	11:30-11:32	1.54107	300								
EURCADmicro	11-07-18	13:30-13:32	1.54371	2620								
EURCADmicro	11-07-18	15:30-15:32	1.54034	100								
EURCADmicro	12-07-18	09:32-11:30			1.54042	12-07-18 09:38	100	Other	NA	Electronic	1.54005	1.54042
EURCADmicro	12-07-18	11:30-11:32	1.53827	1000								
EURCADmicro	12-07-18	13:32-15:30			1.53802	12-07-18 13:36	50	Other	NA	Electronic	1.53768	1.53802
EURCADmicro	12-07-18	15:32-17:30			1.53805	12-07-18 15:32	100	Other	NA	Electronic	1.53805	1.53842
EURCADmicro	13-07-18	09:30-09:32	1.53376	2810								



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EURCADmicro	13-07-18	11:32-13:30			1.53435	13-07-18 11:37	800	Other	NA	Electronic	1.53435	1.53469
EURCADmicro	13-07-18	13:32-15:30			1.53499	13-07-18 13:33	40	Other	NA	Electronic	1.53464	1.53499
EURCADmicro	13-07-18	15:30-15:32	1.53666	1200								
EURCADmicro	16-07-18	09:32-11:30			1.53799	16-07-18 09:33	110	Other	NA	Electronic	1.53803	1.53835
EURCADmicro	16-07-18	11:32-13:30			1.54073	16-07-18 11:32	70	Other	NA	Electronic	1.54073	1.54107
EURCADmicro	16-07-18	13:30-13:32	1.53836	450								
EURCADmicro	16-07-18	15:30-15:32	1.53743	100								
EURCADmicro	17-07-18	09:32-11:30			1.54006	17-07-18 09:33	120	Other	NA	Electronic	1.53972	1.54006
EURCADmicro	17-07-18	11:32-13:30			1.54005	17-07-18 11:49	70	Other	NA	Electronic	1.54005	1.54039
EURCADmicro	17-07-18	13:30-13:32	1.54101	10220								
EURCADmicro	17-07-18	15:30-15:32	1.54135	100								
EURCADmicro	18-07-18	09:30-09:32	1.53952	640								
EURCADmicro	18-07-18	11:32-13:30			1.53805	18-07-18 11:33	30	Other	NA	Electronic	1.53805	1.5384
EURCADmicro	18-07-18	13:30-13:32	1.53904	53890								
EURCADmicro	18-07-18	15:30-15:32	1.53816	310								

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EURCADmicro	19-07-18	09:32-11:30			1.53531	19-07-18 09:35	800	Other	NA	Electronic	1.53531	1.53564
EURCADmicro	19-07-18	11:32-13:30			1.53397	19-07-18 11:33	1000	Other	NA	Electronic	1.53397	1.53431
EURCADmicro	19-07-18	13:32-15:30			1.53554	19-07-18 13:40	500	Other	NA	Electronic	1.53521	1.53555
EURCADmicro	19-07-18	15:30-15:32	1.53998	510								
EURCADmicro	20-07-18	09:32-11:30			1.54314	20-07-18 09:35	1550	Other	NA	Electronic	1.54314	1.54347
EURCADmicro	20-07-18	11:32-13:30			1.54337	20-07-18 11:35	25100	Other	NA	Electronic	1.54337	1.54372
EURCADmicro	20-07-18	13:30-13:32	1.53804	40000								
EURCADmicro	20-07-18	15:30-15:32	1.53793	410								
EURCADmicro	23-07-18	09:30-09:32	1.53806	5390								
EURCADmicro	23-07-18	11:32-13:30			1.54003	23-07-18 11:33	70	Other	NA	Electronic	1.53971	1.54003
EURCADmicro	23-07-18	13:30-13:32	1.53965	2370								
EURCADmicro	23-07-18	15:32-17:30			1.53913	23-07-18 15:48	500	Other	NA	Electronic	1.53913	1.53947
EURCADmicro	24-07-18	09:32-11:30			1.54008	24-07-18 09:59	100	Other	NA	Electronic	1.53972	1.54008
EURCADmicro	24-07-18	11:32-13:30			1.53934	24-07-18 11:40	1000	Other	NA	Electronic	1.53935	1.53969
EURCADmicro	24-07-18	13:32-15:30			1.53907	24-07-18 13:32	100	Other	NA	Electronic	1.53907	1.53936

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EURCADmicro	24-07-18	15:32-17:30			1.53816	24-07-18 15:51	1100	Other	NA	Electronic	1.53815	1.53849
EURCADmicro	25-07-18	09:30-09:32	1.5365	1100								
EURCADmicro	25-07-18	11:32-13:30			1.53545	25-07-18 11:37	100	Other	NA	Electronic	1.53512	1.53545
EURCADmicro	25-07-18	13:32-15:30			1.53203	25-07-18 13:34	3000	Other	NA	Electronic	1.53206	1.53239
EURCADmicro	25-07-18	15:30-15:32	1.53076	3000								
EURCADmicro	26-07-18	09:32-11:30			1.52752	26-07-18 09:37	40000	Other	NA	Electronic	1.52717	1.52755
EURCADmicro	26-07-18	11:30-11:32	1.52792	18540								
EURCADmicro	26-07-18	13:30-13:32	1.52505	8530								
EURCADmicro	26-07-18	15:30-15:32	1.52485	3000								
EURCADmicro	27-07-18	09:30-09:32	1.52008	350								
EURCADmicro	27-07-18	11:32-13:30			1.51962	27-07-18 11:35	4000	Other	NA	Electronic	1.51929	1.51962
EURCADmicro	27-07-18	13:30-13:32	1.52253	380								
EURCADmicro	27-07-18	15:32-17:30			1.52145	27-07-18 15:32	30	Other	NA	Electronic	1.52111	1.52145
EURCADmicro	30-07-18	09:32-11:30			1.5261	30-07-18 09:32	440	Other	NA	Electronic	1.52576	1.5261
EURCADmicro	30-07-18	11:30-11:32	1.52369	20000								

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EURCADmicro	30-07-18	13:32-15:30			1.52501	30-07-18 13:40	100	Other	NA	Electronic	1.52464	1.52501
EURCADmicro	30-07-18	15:30-15:32	1.52384	10								
EURCADmicro	31-07-18	09:32-11:30			1.52895	31-07-18 09:44	2000	Other	NA	Electronic	1.52895	1.5293
EURCADmicro	31-07-18	11:32-13:30			1.52968	31-07-18 11:36	100	Other	NA	Electronic	1.52968	1.53003
EURCADmicro	31-07-18	13:30-13:32	1.52677	390								
EURCADmicro	31-07-18	15:30-15:32	1.52403	1990								
EURCADmicro	01-08-18	09:32-11:30			1.52153	01-08-18 09:34	850	Other	NA	Electronic	1.52153	1.52186
EURCADmicro	01-08-18	11:32-13:30			1.52099	01-08-18 11:40	700	Other	NA	Electronic	1.52099	1.52128
EURCADmicro	01-08-18	13:30-13:32	1.52015	8430								
EURCADmicro	01-08-18	15:32-17:30			1.51671	01-08-18 15:37	7560	Other	NA	Electronic	1.51671	1.517
EURCADmicro	02-08-18	09:32-11:30			1.51346	02-08-18 09:32	100	Other	NA	Electronic	1.51314	1.51346
EURCADmicro	02-08-18	11:30-11:32	1.51236	6410								
EURCADmicro	02-08-18	13:32-15:30			1.51454	02-08-18 13:33	60000	Other	NA	Electronic	1.51454	1.51487
EURCADmicro	02-08-18	15:32-17:30			1.51165	02-08-18 15:32	3010	Other	NA	Electronic	1.51132	1.51165
EURCADmicro	03-08-18	09:30-09:32	1.50716	1000								

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EURCADmicro	03-08-18	11:30-11:32	1.50661	410								
EURCADmicro	03-08-18	13:30-13:32	1.50309	9410								
EURCADmicro	03-08-18	15:30-15:32	1.50462	500								
EURCADmicro	06-08-18	09:32-11:30			1.50384	06-08-18 09:48	300	Other	NA	Electronic	1.50384	1.50419
EURCADmicro	06-08-18	11:32-13:30			1.50186	06-08-18 11:32	50	Other	NA	Electronic	1.50186	1.50221
EURCADmicro	06-08-18	13:30-13:32	1.50455	10								
EURCADmicro	06-08-18	15:32-17:30			1.50315	06-08-18 15:36	500	Other	NA	Electronic	1.50281	1.50315
EURCADmicro	07-08-18	09:32-11:30			1.50372	07-08-18 09:40	100	Other	NA	Electronic	1.50338	1.50372
EURCADmicro	07-08-18	11:32-13:30			1.50403	07-08-18 11:32	100	Other	NA	Electronic	1.5037	1.50403
EURCADmicro	07-08-18	13:30-13:32	1.50684	1200								
EURCADmicro	07-08-18	15:30-15:32	1.5092	8000								
EURCADmicro	08-08-18	09:32-11:30			1.51659	08-08-18 09:37	420	Other	NA	Electronic	1.51623	1.51659
EURCADmicro	08-08-18	11:30-11:32	1.51686	20								
EURCADmicro	08-08-18	13:32-15:30			1.51436	08-08-18 13:32	140	Other	NA	Electronic	1.51436	1.5147
EURCADmicro	08-08-18	15:30-15:32	1.51615	30								

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EURCADmicro	09-08-18	09:30-09:32	1.50984	450								
EURCADmicro	09-08-18	11:32-13:30			1.51157	09-08-18 11:39	100	Other	NA	Electronic	1.51124	1.51157
EURCADmicro	09-08-18	13:32-15:30			1.50967	09-08-18 13:33	100	Other	NA	Electronic	1.50932	1.50967
EURCADmicro	09-08-18	15:30-15:32	1.5086	5010								
EURCADmicro	10-08-18	09:32-11:30			1.50225	10-08-18 09:36	500	Other	NA	Electronic	1.50225	1.50257
EURCADmicro	10-08-18	11:30-11:32	1.50016	100								
EURCADmicro	10-08-18	13:30-13:32	1.49621	490								
EURCADmicro	10-08-18	15:30-15:32	1.49604	200								
EURCADmicro	13-08-18	09:32-11:30			1.49648	13-08-18 09:32	10000	Other	NA	Electronic	1.49648	1.49683
EURCADmicro	13-08-18	11:32-13:30			1.49742	13-08-18 11:33	100	Other	NA	Electronic	1.49707	1.49742
EURCADmicro	13-08-18	13:32-15:30			1.5001	13-08-18 13:37	1000	Other	NA	Electronic	1.5001	1.50043
EURCADmicro	13-08-18	15:32-17:30			1.49761	13-08-18 15:40	10	Other	NA	Electronic	1.49761	1.49795
EURCADmicro	14-08-18	09:32-11:30			1.49308	14-08-18 09:45	1000	Other	NA	Electronic	1.49308	1.49342
EURCADmicro	14-08-18	11:32-13:30			1.49164	14-08-18 11:43	20	Other	NA	Electronic	1.49164	1.49199
EURCADmicro	14-08-18	13:32-15:30			1.48927	14-08-18 13:42	150	Other	NA	Electronic	1.48927	1.48958

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EURCADmicro	14-08-18	15:30-15:32	1.48791	1200								
EURCADmicro	15-08-18	09:32-11:30			1.48117	15-08-18 09:32	3000	Other	NA	Electronic	1.48117	1.48147
EURCADmicro	15-08-18	11:32-13:30			1.48356	15-08-18 11:32	120	Other	NA	Electronic	1.48323	1.48356
EURCADmicro	15-08-18	13:32-15:30			1.48415	15-08-18 13:34	4000	Other	NA	Electronic	1.48382	1.48415
EURCADmicro	15-08-18	15:30-15:32	1.49059	3170								
EURCADmicro	16-08-18	09:32-11:30			1.49311	16-08-18 09:47	1000	Other	NA	Electronic	1.49276	1.49311
EURCADmicro	16-08-18	11:30-11:32	1.4943	550								
EURCADmicro	16-08-18	13:32-15:30			1.49617	16-08-18 13:32	4000	Other	NA	Electronic	1.49583	1.49617
EURCADmicro	16-08-18	15:32-17:30			1.4979	16-08-18 15:33	6370	Other	NA	Electronic	1.49761	1.4979
EURCADmicro	17-08-18	09:32-11:30			1.49816	17-08-18 09:37	1000	Other	NA	Electronic	1.49781	1.49816
EURCADmicro	17-08-18	11:30-11:32	1.49815	1510								
EURCADmicro	17-08-18	13:30-13:32	1.49117	1000								
EURCADmicro	17-08-18	15:30-15:32	1.49323	250								
EURCADmicro	20-08-18	09:30-09:32	1.49046	3000								
EURCADmicro	20-08-18	11:32-13:30			1.49286	20-08-18 11:38	250	Other	NA	Electronic	1.49286	1.49317

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EURCADmicro	20-08-18	13:30-13:32	1.49479	80								
EURCADmicro	20-08-18	15:30-15:32	1.49447	350								
EURCADmicro	21-08-18	09:30-09:32	1.50165	10								
EURCADmicro	21-08-18	11:32-13:30			1.49978	21-08-18 11:50	20	Other	NA	Electronic	1.49978	1.50012
EURCADmicro	21-08-18	13:30-13:32	1.50105	6370								
EURCADmicro	21-08-18	15:30-15:32	1.50416	4960								
EURCADmicro	22-08-18	09:32-11:30			1.50888	22-08-18 09:46	1000	Other	NA	Electronic	1.50855	1.50888
EURCADmicro	22-08-18	11:32-13:30			1.51056	22-08-18 11:35	1000	Other	NA	Electronic	1.51025	1.51056
EURCADmicro	22-08-18	13:30-13:32	1.51161	2250								
EURCADmicro	22-08-18	15:30-15:32	1.50967	3380								
EURCADmicro	23-08-18	09:32-11:30			1.50727	23-08-18 09:33	10	Other	NA	Electronic	1.50693	1.50727
EURCADmicro	23-08-18	11:32-13:30			1.50963	23-08-18 11:32	10	Other	NA	Electronic	1.50963	1.50997
EURCADmicro	23-08-18	13:32-15:30			1.51059	23-08-18 13:37	20010	Other	NA	Electronic	1.51026	1.51059
EURCADmicro	23-08-18	15:30-15:32	1.51044	100								
EURCADmicro	24-08-18	09:32-11:30			1.51267	24-08-18 10:00	30	Other	NA	Electronic	1.51267	1.513



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EURCADmicro	24-08-18	11:32-13:30			1.51368	24-08-18 11:32	100	Other	NA	Electronic	1.51368	1.51401
EURCADmicro	24-08-18	13:32-15:30			1.51407	24-08-18 13:43	1000	Other	NA	Electronic	1.51374	1.51407
EURCADmicro	24-08-18	15:30-15:32	1.51509	1000								
EURCADmicro	27-08-18	09:32-11:30			1.51309	27-08-18 09:34	1000	Other	NA	Electronic	1.51309	1.51342
EURCADmicro	27-08-18	11:32-13:30			1.51669	27-08-18 11:32	50	Other	NA	Electronic	1.51633	1.51668
EURCADmicro	27-08-18	13:30-13:32	1.51826	4590								
EURCADmicro	27-08-18	15:32-17:30			1.515	27-08-18 15:39	100	Other	NA	Electronic	1.51466	1.515
EURCADmicro	28-08-18	09:32-11:30			1.51371	28-08-18 09:40	30	Other	NA	Electronic	1.51371	1.51404
EURCADmicro	28-08-18	11:30-11:32	1.51293	250								
EURCADmicro	28-08-18	13:32-15:30			1.51221	28-08-18 13:32	200	Other	NA	Electronic	1.51221	1.51254
EURCADmicro	28-08-18	15:32-17:30			1.51377	28-08-18 15:35	120	Other	NA	Electronic	1.51377	1.51408
EURCADmicro	29-08-18	09:32-11:30			1.50911	29-08-18 09:42	100	Other	NA	Electronic	1.50877	1.50911
EURCADmicro	29-08-18	11:32-13:30			1.50968	29-08-18 11:35	200	Other	NA	Electronic	1.50968	1.50997
EURCADmicro	29-08-18	13:30-13:32	1.50948	300								
EURCADmicro	29-08-18	15:32-17:30			1.51443	29-08-18 15:32	50	Other	NA	Electronic	1.51409	1.51443

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EURCADmicro	30-08-18	09:30-09:32	1.51176	140								
EURCADmicro	30-08-18	11:32-13:30			1.51105	30-08-18 11:35	1000	Other	NA	Electronic	1.51105	1.51141
EURCADmicro	30-08-18	13:30-13:32	1.51276	1980								
EURCADmicro	30-08-18	15:30-15:32	1.51228	1100								
EURCADmicro	31-08-18	09:30-09:32	1.51875	200								
EURCADmicro	31-08-18	11:30-11:32	1.51506	350								
EURCADmicro	31-08-18	13:32-15:30			1.51819	31-08-18 13:32	15000	Other	NA	Electronic	1.51819	1.51849
EURCADmicro	31-08-18	15:32-17:30			1.51805	31-08-18 15:32	300	Other	NA	Electronic	1.51805	1.5184
EURCADmicro	03-09-18	09:30-09:32	1.51433	80								
EURCADmicro	03-09-18	11:32-13:30			1.51731	03-09-18 11:32	320	Other	NA	Electronic	1.51699	1.51731
EURCADmicro	03-09-18	13:30-13:32	1.51692	8000								
EURCADmicro	03-09-18	15:30-15:32	1.52091	10000								
EURCADmicro	04-09-18	09:32-11:30			1.52042	04-09-18 09:34	350	Other	NA	Electronic	1.52009	1.52042
EURCADmicro	04-09-18	11:32-13:30			1.52136	04-09-18 11:40	20	Other	NA	Electronic	1.52102	1.52136
EURCADmicro	04-09-18	13:32-15:30			1.52329	04-09-18 13:33	500	Other	NA	Electronic	1.52329	1.52362

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EURCADmicro	04-09-18	15:30-15:32	1.52452	1000								
EURCADmicro	05-09-18	09:30-09:32	1.52662	32010								
EURCADmicro	05-09-18	11:30-11:32	1.52604	100								
EURCADmicro	05-09-18	13:30-13:32	1.53112	2910								
EURCADmicro	05-09-18	15:30-15:32	1.53251	1100								
EURCADmicro	06-09-18	09:32-11:30			1.53136	06-09-18 09:33	200	Other	NA	Electronic	1.53104	1.53136
EURCADmicro	06-09-18	11:32-13:30			1.5331	06-09-18 11:32	200	Other	NA	Electronic	1.53311	1.53343
EURCADmicro	06-09-18	13:30-13:32	1.53432	4000								
EURCADmicro	06-09-18	15:30-15:32	1.53494	300								
EURCADmicro	07-09-18	09:32-11:30			1.52945	07-09-18 09:38	100	Other	NA	Electronic	1.52912	1.52945
EURCADmicro	07-09-18	11:30-11:32	1.52359	600								
EURCADmicro	07-09-18	13:32-15:30			1.52217	07-09-18 13:32	1000	Other	NA	Electronic	1.52217	1.52253
EURCADmicro	07-09-18	15:32-17:30			1.52453	07-09-18 15:34	100	Other	NA	Electronic	1.5242	1.52453
EURCADmicro	10-09-18	09:30-09:32	1.52501	6000								
EURCADmicro	10-09-18	11:30-11:32	1.52561	200								

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EURCADmicro	10-09-18	13:30-13:32	1.52629	1000								
EURCADmicro	10-09-18	15:30-15:32	1.52699	200								
EURCADmicro	11-09-18	09:30-09:32	1.52651	1500								
EURCADmicro	11-09-18	11:30-11:32	1.52414	130								
EURCADmicro	11-09-18	13:30-13:32	1.52394	1000								
EURCADmicro	11-09-18	15:32-17:30			1.52239	11-09-18 15:49	5000	Other	NA	Electronic	1.52208	1.52239
EURCADmicro	12-09-18	09:30-09:32	1.51434	2000								
EURCADmicro	12-09-18	11:30-11:32	1.51306	10070								
EURCADmicro	12-09-18	13:30-13:32	1.5147	300								
EURCADmicro	12-09-18	15:32-17:30			1.5127	12-09-18 15:33	1000	Other	NA	Electronic	1.51237	1.5127
EURCADmicro	13-09-18	09:32-11:30			1.511	13-09-18 09:35	100	Other	NA	Electronic	1.511	1.51132
EURCADmicro	13-09-18	11:30-11:32	1.51225	1000								
EURCADmicro	13-09-18	13:30-13:32	1.51845	670								
EURCADmicro	13-09-18	15:30-15:32	1.51862	45000								
EURCADmicro	14-09-18	09:30-09:32	1.52201	2100								

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EURCADmicro	14-09-18	11:32-13:30			1.51978	14-09-18 11:40	100	Other	NA	Electronic	1.51978	1.52011
EURCADmicro	14-09-18	13:30-13:32	1.51858	20								
EURCADmicro	14-09-18	15:30-15:32	1.51908	1000								
EURCADmicro	17-09-18	09:30-09:32	1.51801	2000								
EURCADmicro	17-09-18	11:30-11:32	1.51911	20								
EURCADmicro	17-09-18	13:30-13:32	1.52142	43600								
EURCADmicro	17-09-18	15:30-15:32	1.52295	1400								
EURCADmicro	18-09-18	09:32-11:30			1.52158	18-09-18 09:38	3000	Other	NA	Electronic	1.52126	1.52158
EURCADmicro	18-09-18	11:32-13:30			1.52257	18-09-18 11:33	240	Other	NA	Electronic	1.52257	1.52289
EURCADmicro	18-09-18	13:30-13:32	1.52188	1240								
EURCADmicro	18-09-18	15:30-15:32	1.51868	2190								
EURCADmicro	19-09-18	09:32-11:30			1.515	19-09-18 09:32	300	Other	NA	Electronic	1.51466	1.515
EURCADmicro	19-09-18	11:30-11:32	1.51326	3740								
EURCADmicro	19-09-18	13:30-13:32	1.51283	2400								
EURCADmicro	19-09-18	15:32-17:30			1.51274	19-09-18 15:37	30	Other	NA	Electronic	1.5115	1.51186

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EURCADmicro	20-09-18	09:32-11:30			1.511	20-09-18 09:34	100	Other	NA	Electronic	1.511	1.51133
EURCADmicro	20-09-18	11:30-11:32	1.51429	2180								
EURCADmicro	20-09-18	13:32-15:30			1.51647	20-09-18 13:36	230	Other	NA	Electronic	1.51613	1.51647
EURCADmicro	20-09-18	15:30-15:32	1.5182	1000								
EURCADmicro	21-09-18	09:30-09:32	1.52051	1000								
EURCADmicro	21-09-18	11:30-11:32	1.51931	50								
EURCADmicro	21-09-18	13:30-13:32	1.516	5100								
EURCADmicro	21-09-18	15:30-15:32	1.51737	60								
EURCADmicro	24-09-18	09:32-11:30			1.52284	24-09-18 09:33	60	Other	NA	Electronic	1.52284	1.52314
EURCADmicro	24-09-18	11:30-11:32	1.52273	200								
EURCADmicro	24-09-18	13:30-13:32	1.5246	60960								
EURCADmicro	24-09-18	15:30-15:32	1.52332	1110								
EURCADmicro	25-09-18	09:32-11:30			1.52407	25-09-18 09:37	4040	Other	NA	Electronic	1.52407	1.5244
EURCADmicro	25-09-18	11:30-11:32	1.52747	8130								
EURCADmicro	25-09-18	13:32-15:30			1.52533	25-09-18 13:38	20	Other	NA	Electronic	1.52533	1.52567

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EURCADmicro	25-09-18	15:32-17:30			1.52324	25-09-18 15:32	10	Other	NA	Electronic	1.52324	1.52359
EURCADmicro	26-09-18	09:32-11:30			1.52446	26-09-18 09:40	1000	Other	NA	Electronic	1.52414	1.52446
EURCADmicro	26-09-18	11:32-13:30			1.52187	26-09-18 11:32	180	Other	NA	Electronic	1.52157	1.52187
EURCADmicro	26-09-18	13:32-15:30			1.52087	26-09-18 13:38	7000	Other	NA	Electronic	1.52054	1.52087
EURCADmicro	26-09-18	15:30-15:32	1.523	560								
EURCADmicro	27-09-18	09:30-09:32	1.52898	270								
EURCADmicro	27-09-18	11:32-13:30			1.52876	27-09-18 11:32	20	Other	NA	Electronic	1.52843	1.52876
EURCADmicro	27-09-18	13:30-13:32	1.52589	75260								
EURCADmicro	27-09-18	15:30-15:32	1.52286	41910								
EURCADmicro	28-09-18	09:30-09:32	1.50949	3410								
EURCADmicro	28-09-18	11:30-11:32	1.50721	1450								
EURCADmicro	28-09-18	13:32-15:30			1.50211	28-09-18 13:33	1000	Other	NA	Electronic	1.50211	1.50246
EURCADmicro	28-09-18	15:30-15:32	1.502	150								
EURCHF	02-07-18	09:32-11:30			1.1558	02-07-18 09:32	1000	Other	NA	Electronic	1.15554	1.1558
EURCHF	02-07-18	11:32-13:30			1.15626	02-07-18 11:43	50000	Other	NA	Electronic	1.15599	1.15626

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EURCHF	02-07-18	13:30-13:32	1.15509	3000								
EURCHF	02-07-18	15:32-17:30			1.15477	02-07-18 15:39	1000	Other	NA	Electronic	1.15449	1.15477
EURCHF	03-07-18	09:32-11:30			1.15697	03-07-18 09:44	1000	Other	NA	Electronic	1.15697	1.15724
EURCHF	03-07-18	11:32-13:30			1.15785	03-07-18 11:34	1000	Other	NA	Electronic	1.15785	1.1581
EURCHF	03-07-18	13:30-13:32	1.15662	5000								
EURCHF	03-07-18	15:32-17:30			1.15634	03-07-18 15:56	1000	Other	NA	Electronic	1.15634	1.15659
EURCHF	04-07-18	09:30-09:32	1.15568	3000								
EURCHF	04-07-18	11:32-13:30			1.15602	04-07-18 11:54	1000	Other	NA	Electronic	1.15575	1.15602
EURCHF	04-07-18	13:32-15:30			1.15542	04-07-18 13:33	1000	Other	NA	Electronic	1.15512	1.15542
EURCHF	04-07-18	15:30-15:32	1.15669	1000								
EURCHF	05-07-18	09:30-09:32	1.16091	2000								
EURCHF	05-07-18	11:32-13:30			1.16002	05-07-18 11:33	3000	Other	NA	Electronic	1.16002	1.16029
EURCHF	05-07-18	13:30-13:32	1.16124	1000								
EURCHF	05-07-18	15:32-17:30			1.16079	05-07-18 15:34	1000	Other	NA	Electronic	1.16052	1.16079
EURCHF	06-07-18	09:32-11:30			1.16193	06-07-18 09:37	5000	Other	NA	Electronic	1.16167	1.16194



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EURCHF	06-07-18	11:32-13:30			1.16269	06-07-18 11:32	4000	Other	NA	Electronic	1.16269	1.16296
EURCHF	06-07-18	13:30-13:32	1.16345	1000								
EURCHF	06-07-18	15:32-17:30			1.16304	06-07-18 15:32	30000	Other	NA	Electronic	1.16304	1.16332
EURCHF	09-07-18	09:32-11:30			1.16267	09-07-18 09:33	1000	Other	NA	Electronic	1.16239	1.16267
EURCHF	09-07-18	11:30-11:32	1.16344	2000								
EURCHF	09-07-18	13:32-15:30			1.16416	09-07-18 13:34	8000	Other	NA	Electronic	1.16416	1.16443
EURCHF	09-07-18	15:32-17:30			1.16502	09-07-18 15:43	5000	Other	NA	Electronic	1.16475	1.16502
EURCHF	10-07-18	09:32-11:30			1.16432	10-07-18 09:34	4000	Other	NA	Electronic	1.16432	1.16459
EURCHF	10-07-18	11:30-11:32	1.1642	1000								
EURCHF	10-07-18	13:32-15:30			1.16451	10-07-18 13:32	1000	Other	NA	Electronic	1.16451	1.16478
EURCHF	10-07-18	15:32-17:30			1.16455	10-07-18 15:33	5000	Other	NA	Electronic	1.16429	1.16455
EURCHF	11-07-18	09:30-09:32	1.16351	2000								
EURCHF	11-07-18	11:32-13:30			1.16459	11-07-18 11:34	30000	Other	NA	Electronic	1.16459	1.16486
EURCHF	11-07-18	13:30-13:32	1.16415	2000								
EURCHF	11-07-18	15:30-15:32	1.16418	1000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURCHF	12-07-18	09:32-11:30			1.16437	12-07-18 09:32	10000	Other	NA	Electronic	1.16438	1.16464
EURCHF	12-07-18	11:32-13:30			1.16401	12-07-18 11:36	3000	Other	NA	Electronic	1.16375	1.16401
EURCHF	12-07-18	13:30-13:32	1.16863	10000								
EURCHF	12-07-18	15:30-15:32	1.17007	50000								
EURCHF	13-07-18	09:30-09:32	1.16727	10000								
EURCHF	13-07-18	11:30-11:32	1.16929	1000								
EURCHF	13-07-18	13:32-15:30			1.16947	13-07-18 13:59	10000	Other	NA	Electronic	1.16947	1.1698
EURCHF	13-07-18	15:32-17:30			1.17031	13-07-18 15:32	2000	Other	NA	Electronic	1.17031	1.17059
EURCHF	16-07-18	09:32-11:30			1.16977	16-07-18 09:38	5000	Other	NA	Electronic	1.16978	1.17004
EURCHF	16-07-18	11:32-13:30			1.16892	16-07-18 11:35	1000	Other	NA	Electronic	1.16892	1.16917
EURCHF	16-07-18	13:30-13:32	1.16872	20000								
EURCHF	16-07-18	15:32-17:30			1.16846	16-07-18 15:32	50000	Other	NA	Electronic	1.16822	1.16847
EURCHF	17-07-18	09:32-11:30			1.16726	17-07-18 09:32	20000	Other	NA	Electronic	1.16726	1.16752
EURCHF	17-07-18	11:32-13:30			1.16512	17-07-18 11:33	1000	Other	NA	Electronic	1.16486	1.16512
EURCHF	17-07-18	13:32-15:30			1.16506	17-07-18 13:32	20000	Other	NA	Electronic	1.1648	1.16506

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EURCHF	17-07-18	15:30-15:32	1.16648	2000								
EURCHF	18-07-18	09:32-11:30			1.16362	18-07-18 09:35	1000	Other	NA	Electronic	1.16376	1.16409
EURCHF	18-07-18	11:30-11:32	1.16202	3000								
EURCHF	18-07-18	13:30-13:32	1.16232	11000								
EURCHF	18-07-18	15:32-17:30			1.16334	18-07-18 15:35	5000	Other	NA	Electronic	1.16334	1.16361
EURCHF	19-07-18	09:30-09:32	1.16269	3000								
EURCHF	19-07-18	11:30-11:32	1.1619	1000								
EURCHF	19-07-18	13:32-15:30			1.16331	19-07-18 13:35	1000	Other	NA	Electronic	1.16305	1.16332
EURCHF	19-07-18	15:32-17:30			1.16226	19-07-18 15:45	1000	Other	NA	Electronic	1.16198	1.16225
EURCHF	20-07-18	09:32-11:30			1.16394	20-07-18 09:34	2000	Other	NA	Electronic	1.16369	1.16394
EURCHF	20-07-18	11:30-11:32	1.16319	1000								
EURCHF	20-07-18	13:30-13:32	1.16487	3000								
EURCHF	20-07-18	15:32-17:30			1.16502	20-07-18 15:36	1000	Other	NA	Electronic	1.16504	1.16528
EURCHF	23-07-18	09:30-09:32	1.16067	2000								
EURCHF	23-07-18	11:32-13:30			1.16128	23-07-18 11:32	30000	Other	NA	Electronic	1.16129	1.16152

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EURCHF	23-07-18	13:32-15:30			1.16142	23-07-18 13:37	28000	Other	NA	Electronic	1.16115	1.16142
EURCHF	23-07-18	15:32-17:30			1.16171	23-07-18 15:47	2000	Other	NA	Electronic	1.16145	1.16171
EURCHF	24-07-18	09:32-11:30			1.16194	24-07-18 09:40	1000	Other	NA	Electronic	1.16168	1.16194
EURCHF	24-07-18	11:30-11:32	1.16256	25000								
EURCHF	24-07-18	13:32-15:30			1.16267	24-07-18 13:34	20000	Other	NA	Electronic	1.16241	1.16267
EURCHF	24-07-18	15:30-15:32	1.16202	8000								
EURCHF	25-07-18	09:30-09:32	1.1602	4000								
EURCHF	25-07-18	11:32-13:30			1.15997	25-07-18 11:32	20000	Other	NA	Electronic	1.15971	1.15997
EURCHF	25-07-18	13:32-15:30			1.16088	25-07-18 13:39	12000	Other	NA	Electronic	1.16088	1.16112
EURCHF	25-07-18	15:32-17:30			1.16102	25-07-18 15:51	1000	Other	NA	Electronic	1.16075	1.16102
EURCHF	26-07-18	09:32-11:30			1.16324	26-07-18 09:42	1000	Other	NA	Electronic	1.16324	1.16348
EURCHF	26-07-18	11:32-13:30			1.16241	26-07-18 11:46	10000	Other	NA	Electronic	1.16241	1.16269
EURCHF	26-07-18	13:30-13:32	1.1607	20000								
EURCHF	26-07-18	15:32-17:30			1.15839	26-07-18 15:32	2000	Other	NA	Electronic	1.15813	1.15839
EURCHF	27-07-18	09:32-11:30			1.1596	27-07-18 09:42	3000	Other	NA	Electronic	1.15934	1.1596

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EURCHF	27-07-18	11:30-11:32	1.15951	40000								
EURCHF	27-07-18	13:32-15:30			1.15987	27-07-18 13:36	30000	Other	NA	Electronic	1.15987	1.1601
EURCHF	27-07-18	15:32-17:30			1.15888	27-07-18 15:46	10000	Other	NA	Electronic	1.15862	1.15888
EURCHF	30-07-18	09:32-11:30			1.15995	30-07-18 09:46	1000	Other	NA	Electronic	1.15997	1.16023
EURCHF	30-07-18	11:32-13:30			1.15965	30-07-18 11:34	1000	Other	NA	Electronic	1.15939	1.15965
EURCHF	30-07-18	13:30-13:32	1.15903	22000								
EURCHF	30-07-18	15:32-17:30			1.1579	30-07-18 15:32	2000	Other	NA	Electronic	1.1579	1.15817
EURCHF	31-07-18	09:32-11:30			1.15893	31-07-18 09:32	2000	Other	NA	Electronic	1.15867	1.15893
EURCHF	31-07-18	11:32-13:30			1.15948	31-07-18 11:37	3000	Other	NA	Electronic	1.15948	1.15974
EURCHF	31-07-18	13:32-15:30			1.15879	31-07-18 13:42	2000	Other	NA	Electronic	1.15879	1.15906
EURCHF	31-07-18	15:32-17:30			1.15831	31-07-18 15:32	2000	Other	NA	Electronic	1.15805	1.15831
EURCHF	01-08-18	09:32-11:30			1.15868	01-08-18 09:46	7000	Other	NA	Electronic	1.15869	1.15895
EURCHF	01-08-18	11:30-11:32	1.15815	8000								
EURCHF	01-08-18	13:32-15:30			1.15922	01-08-18 13:36	1000	Other	NA	Electronic	1.15896	1.15922
EURCHF	01-08-18	15:32-17:30			1.15821	01-08-18 15:36	7000	Other	NA	Electronic	1.15795	1.15821

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EURCHF	02-08-18	09:32-11:30			1.15515	02-08-18 09:36	1000	Other	NA	Electronic	1.1549	1.15516
EURCHF	02-08-18	11:30-11:32	1.15496	3000								
EURCHF	02-08-18	13:32-15:30			1.15503	02-08-18 13:34	5000	Other	NA	Electronic	1.15503	1.1553
EURCHF	02-08-18	15:32-17:30			1.15474	02-08-18 15:52	5000	Other	NA	Electronic	1.15449	1.15474
EURCHF	03-08-18	09:32-11:30			1.15207	03-08-18 09:58	2000	Other	NA	Electronic	1.15207	1.15234
EURCHF	03-08-18	11:32-13:30			1.15316	03-08-18 11:37	3000	Other	NA	Electronic	1.1529	1.15316
EURCHF	03-08-18	13:30-13:32	1.15132	10000								
EURCHF	03-08-18	15:32-17:30			1.15124	03-08-18 15:34	1000	Other	NA	Electronic	1.15097	1.15124
EURCHF	06-08-18	09:32-11:30			1.15097	06-08-18 09:39	12000	Other	NA	Electronic	1.1507	1.15097
EURCHF	06-08-18	11:32-13:30			1.15123	06-08-18 12:18	1000	Other	NA	Electronic	1.15123	1.15149
EURCHF	06-08-18	13:32-15:30			1.15177	06-08-18 13:36	2000	Other	NA	Electronic	1.15177	1.15202
EURCHF	06-08-18	15:32-17:30			1.15223	06-08-18 16:15	3000	Other	NA	Electronic	1.15199	1.15223
EURCHF	07-08-18	09:32-11:30			1.15338	07-08-18 09:37	1000	Other	NA	Electronic	1.15338	1.15364
EURCHF	07-08-18	11:32-13:30			1.15275	07-08-18 11:37	4000	Other	NA	Electronic	1.15276	1.15301
EURCHF	07-08-18	13:32-15:30			1.15333	07-08-18 13:42	5000	Other	NA	Electronic	1.15305	1.15333

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EURCHF	07-08-18	15:30-15:32	1.15342	1000								
EURCHF	08-08-18	09:32-11:30			1.15417	08-08-18 09:35	1000	Other	NA	Electronic	1.15417	1.15443
EURCHF	08-08-18	11:30-11:32	1.15518	6000								
EURCHF	08-08-18	13:30-13:32	1.1547	1000								
EURCHF	08-08-18	15:32-17:30			1.15306	08-08-18 16:14	1000	Other	NA	Electronic	1.15306	1.15337
EURCHF	09-08-18	09:32-11:30			1.15238	09-08-18 09:34	4000	Other	NA	Electronic	1.15213	1.15238
EURCHF	09-08-18	11:32-13:30			1.15166	09-08-18 11:35	10000	Other	NA	Electronic	1.15141	1.15166
EURCHF	09-08-18	13:32-15:30			1.14999	09-08-18 13:36	2000	Other	NA	Electronic	1.14972	1.14999
EURCHF	09-08-18	15:32-17:30			1.14572	09-08-18 15:33	65000	Other	NA	Electronic	1.14572	1.14597
EURCHF	10-08-18	09:30-09:32	1.14009	3000								
EURCHF	10-08-18	11:32-13:30			1.13912	10-08-18 11:33	1000	Other	NA	Electronic	1.13912	1.13939
EURCHF	10-08-18	13:32-15:30			1.13655	10-08-18 13:33	2000	Other	NA	Electronic	1.13626	1.13654
EURCHF	10-08-18	15:32-17:30			1.13523	10-08-18 15:35	20000	Other	NA	Electronic	1.13523	1.13549
EURCHF	13-08-18	09:32-11:30			1.13213	13-08-18 10:08	4000	Other	NA	Electronic	1.13213	1.13239
EURCHF	13-08-18	11:32-13:30			1.13171	13-08-18 11:43	30000	Other	NA	Electronic	1.13171	1.13197

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EURCHF	13-08-18	13:30-13:32	1.13531	1000								
EURCHF	13-08-18	15:32-17:30			1.13307	13-08-18 15:32	2000	Other	NA	Electronic	1.13309	1.13336
EURCHF	14-08-18	09:30-09:32	1.13006	10000								
EURCHF	14-08-18	11:32-13:30			1.1295	14-08-18 11:35	3000	Other	NA	Electronic	1.12925	1.1295
EURCHF	14-08-18	13:32-15:30			1.12854	14-08-18 13:39	10000	Other	NA	Electronic	1.12829	1.12854
EURCHF	14-08-18	15:32-17:30			1.12677	14-08-18 15:33	7000	Other	NA	Electronic	1.12678	1.12702
EURCHF	15-08-18	09:32-11:30			1.13005	15-08-18 09:48	3000	Other	NA	Electronic	1.13005	1.13029
EURCHF	15-08-18	11:32-13:30			1.1291	15-08-18 11:50	2000	Other	NA	Electronic	1.12884	1.1291
EURCHF	15-08-18	13:32-15:30			1.12818	15-08-18 13:32	1000	Other	NA	Electronic	1.12818	1.12845
EURCHF	15-08-18	15:32-17:30			1.12613	15-08-18 15:40	3000	Other	NA	Electronic	1.12613	1.12639
EURCHF	16-08-18	09:32-11:30			1.12964	16-08-18 09:40	2000	Other	NA	Electronic	1.1294	1.12964
EURCHF	16-08-18	11:32-13:30			1.13027	16-08-18 11:39	1000	Other	NA	Electronic	1.13027	1.13052
EURCHF	16-08-18	13:32-15:30			1.13158	16-08-18 13:34	2000	Other	NA	Electronic	1.13132	1.13158
EURCHF	16-08-18	15:30-15:32	1.13347	9000								
EURCHF	17-08-18	09:32-11:30			1.13481	17-08-18 09:35	2000	Other	NA	Electronic	1.13481	1.13508



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EURCHF	17-08-18	11:32-13:30			1.13426	17-08-18 11:48	5000	Other	NA	Electronic	1.13426	1.13454
EURCHF	17-08-18	13:32-15:30			1.1351	17-08-18 13:41	2000	Other	NA	Electronic	1.1351	1.13537
EURCHF	17-08-18	15:32-17:30			1.13475	17-08-18 15:37	1000	Other	NA	Electronic	1.13475	1.135
EURCHF	20-08-18	09:32-11:30			1.13608	20-08-18 10:28	5000	Other	NA	Electronic	1.13608	1.13633
EURCHF	20-08-18	11:32-13:30			1.13611	20-08-18 12:27	2000	Other	NA	Electronic	1.13612	1.13636
EURCHF	20-08-18	13:32-15:30			1.13589	20-08-18 13:33	30000	Other	NA	Electronic	1.13589	1.13617
EURCHF	20-08-18	15:32-17:30			1.13718	20-08-18 15:35	12000	Other	NA	Electronic	1.13718	1.13743
EURCHF	21-08-18	09:32-11:30			1.13791	21-08-18 09:35	1000	Other	NA	Electronic	1.13764	1.13791
EURCHF	21-08-18	11:32-13:30			1.13686	21-08-18 12:16	1000	Other	NA	Electronic	1.13686	1.13712
EURCHF	21-08-18	13:32-15:30			1.13716	21-08-18 13:55	1000	Other	NA	Electronic	1.13692	1.13716
EURCHF	21-08-18	15:32-17:30			1.13873	21-08-18 15:34	2000	Other	NA	Electronic	1.13848	1.13873
EURCHF	22-08-18	09:32-11:30			1.1394	22-08-18 09:35	14000	Other	NA	Electronic	1.13914	1.1394
EURCHF	22-08-18	11:32-13:30			1.13962	22-08-18 11:45	1000	Other	NA	Electronic	1.13962	1.13986
EURCHF	22-08-18	13:32-15:30			1.1396	22-08-18 13:42	10000	Other	NA	Electronic	1.1396	1.13987
EURCHF	22-08-18	15:32-17:30			1.13973	22-08-18 15:33	1000	Other	NA	Electronic	1.13973	1.14

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EURCHF	23-08-18	09:32-11:30			1.13685	23-08-18 09:38	2000	Other	NA	Electronic	1.13685	1.1371
EURCHF	23-08-18	11:32-13:30			1.13835	23-08-18 11:35	2000	Other	NA	Electronic	1.13808	1.13835
EURCHF	23-08-18	13:32-15:30			1.13892	23-08-18 13:38	5000	Other	NA	Electronic	1.13867	1.13892
EURCHF	23-08-18	15:32-17:30			1.13839	23-08-18 16:16	17000	Other	NA	Electronic	1.13839	1.13862
EURCHF	24-08-18	09:30-09:32	1.13818	1000								
EURCHF	24-08-18	11:32-13:30			1.14007	24-08-18 11:33	1000	Other	NA	Electronic	1.13984	1.14007
EURCHF	24-08-18	13:32-15:30			1.14025	24-08-18 13:55	2000	Other	NA	Electronic	1.14025	1.14051
EURCHF	24-08-18	15:32-17:30			1.14239	24-08-18 15:36	20000	Other	NA	Electronic	1.14239	1.14267
EURCHF	27-08-18	09:32-11:30			1.14207	27-08-18 09:37	1000	Other	NA	Electronic	1.14181	1.14207
EURCHF	27-08-18	11:30-11:32	1.14221	3000								
EURCHF	27-08-18	13:32-15:30			1.14368	27-08-18 13:39	1000	Other	NA	Electronic	1.14344	1.14368
EURCHF	27-08-18	15:30-15:32	1.14422	1000								
EURCHF	28-08-18	09:32-11:30			1.14274	28-08-18 09:34	150000	Other	NA	Electronic	1.14248	1.14274
EURCHF	28-08-18	11:32-13:30			1.14348	28-08-18 11:51	6000	Other	NA	Electronic	1.14321	1.14348
EURCHF	28-08-18	13:30-13:32	1.14374	20000								

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EURCHF	28-08-18	15:30-15:32	1.1432	3000								
EURCHF	29-08-18	09:32-11:30			1.1395	29-08-18 09:36	13000	Other	NA	Electronic	1.1395	1.13975
EURCHF	29-08-18	11:30-11:32	1.13944	500000								
EURCHF	29-08-18	13:32-15:30			1.13667	29-08-18 13:32	1000	Other	NA	Electronic	1.13667	1.13692
EURCHF	29-08-18	15:32-17:30			1.13818	29-08-18 15:36	300000	Other	NA	Electronic	1.13818	1.13843
EURCHF	30-08-18	09:30-09:32	1.13366	1000								
EURCHF	30-08-18	11:30-11:32	1.13434	1000								
EURCHF	30-08-18	13:30-13:32	1.1313	34000								
EURCHF	30-08-18	15:32-17:30			1.13078	30-08-18 15:51	50000	Other	NA	Electronic	1.13078	1.13105
EURCHF	31-08-18	09:32-11:30			1.12886	31-08-18 09:44	6000	Other	NA	Electronic	1.12859	1.12886
EURCHF	31-08-18	11:30-11:32	1.12716	1000								
EURCHF	31-08-18	13:32-15:30			1.12671	31-08-18 13:45	1000	Other	NA	Electronic	1.12671	1.12697
EURCHF	31-08-18	15:32-17:30			1.1253	31-08-18 15:38	13000	Other	NA	Electronic	1.1253	1.12555
EURCHF	03-09-18	09:32-11:30			1.12598	03-09-18 09:36	2000	Other	NA	Electronic	1.12573	1.12598
EURCHF	03-09-18	11:32-13:30			1.12695	03-09-18 11:35	2000	Other	NA	Electronic	1.12667	1.12695

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURCHF	03-09-18	13:32-15:30			1.12567	03-09-18 13:42	100000	Other	NA	Electronic	1.12567	1.12593
EURCHF	03-09-18	15:32-17:30			1.12605	03-09-18 17:15	2000	Other	NA	Electronic	1.12605	1.12638
EURCHF	04-09-18	09:32-11:30			1.12609	04-09-18 09:46	2000	Other	NA	Electronic	1.12583	1.12608
EURCHF	04-09-18	11:32-13:30			1.12525	04-09-18 11:32	1000	Other	NA	Electronic	1.12499	1.12525
EURCHF	04-09-18	13:32-15:30			1.12553	04-09-18 13:42	1000	Other	NA	Electronic	1.12553	1.1258
EURCHF	04-09-18	15:32-17:30			1.12817	04-09-18 15:36	20000	Other	NA	Electronic	1.12791	1.12817
EURCHF	05-09-18	09:30-09:32	1.12812	1000								
EURCHF	05-09-18	11:32-13:30			1.12861	05-09-18 11:32	1000	Other	NA	Electronic	1.12836	1.12861
EURCHF	05-09-18	13:30-13:32	1.13071	3000								
EURCHF	05-09-18	15:30-15:32	1.12847	1000								
EURCHF	06-09-18	09:30-09:32	1.12769	1000								
EURCHF	06-09-18	11:32-13:30			1.12757	06-09-18 11:35	1000	Other	NA	Electronic	1.12731	1.12757
EURCHF	06-09-18	13:32-15:30			1.12637	06-09-18 13:38	1000	Other	NA	Electronic	1.12637	1.12663
EURCHF	06-09-18	15:32-17:30			1.1255	06-09-18 15:32	1000	Other	NA	Electronic	1.12524	1.1255
EURCHF	07-09-18	09:32-11:30			1.12366	07-09-18 09:32	300000	Other	NA	Electronic	1.12366	1.12393

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EURCHF	07-09-18	11:30-11:32	1.12108	5000								
EURCHF	07-09-18	13:32-15:30			1.11961	07-09-18 13:35	4000	Other	NA	Electronic	1.11936	1.11961
EURCHF	07-09-18	15:30-15:32	1.12084	1000								
EURCHF	10-09-18	09:30-09:32	1.12588	7000								
EURCHF	10-09-18	11:30-11:32	1.1276	3000								
EURCHF	10-09-18	13:30-13:32	1.12952	3000								
EURCHF	10-09-18	15:30-15:32	1.12994	1000								
EURCHF	11-09-18	09:32-11:30			1.13086	11-09-18 09:33	1000	Other	NA	Electronic	1.13086	1.13111
EURCHF	11-09-18	11:30-11:32	1.12788	3000								
EURCHF	11-09-18	13:30-13:32	1.12818	2000								
EURCHF	11-09-18	15:32-17:30			1.12845	11-09-18 16:00	5000	Other	NA	Electronic	1.12845	1.1287
EURCHF	12-09-18	09:32-11:30			1.12852	12-09-18 09:44	1000	Other	NA	Electronic	1.12828	1.12852
EURCHF	12-09-18	11:30-11:32	1.12764	2000								
EURCHF	12-09-18	13:32-15:30			1.12803	12-09-18 13:34	5000	Other	NA	Electronic	1.12776	1.12803
EURCHF	12-09-18	15:32-17:30			1.13042	12-09-18 15:32	1000	Other	NA	Electronic	1.13015	1.13042

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EURCHF	13-09-18	09:32-11:30			1.12708	13-09-18 09:48	5000	Other	NA	Electronic	1.12684	1.12708
EURCHF	13-09-18	11:32-13:30			1.127	13-09-18 11:34	3000	Other	NA	Electronic	1.12849	1.12878
EURCHF	13-09-18	13:30-13:32	1.12921	10000								
EURCHF	13-09-18	15:32-17:30			1.13019	13-09-18 15:40	2000	Other	NA	Electronic	1.13019	1.13046
EURCHF	14-09-18	09:30-09:32	1.12805	1000								
EURCHF	14-09-18	11:32-13:30			1.12818	14-09-18 11:34	1000	Other	NA	Electronic	1.12793	1.12818
EURCHF	14-09-18	13:30-13:32	1.12718	1000								
EURCHF	14-09-18	15:32-17:30			1.12675	14-09-18 16:00	2000	Other	NA	Electronic	1.12649	1.12675
EURCHF	17-09-18	09:30-09:32	1.12361	177000								
EURCHF	17-09-18	11:32-13:30			1.12437	17-09-18 11:41	20000	Other	NA	Electronic	1.12411	1.12437
EURCHF	17-09-18	13:32-15:30			1.125	17-09-18 13:45	1000	Other	NA	Electronic	1.12473	1.125
EURCHF	17-09-18	15:30-15:32	1.12468	1000								
EURCHF	18-09-18	09:32-11:30			1.1224	18-09-18 09:55	5000	Other	NA	Electronic	1.1224	1.12266
EURCHF	18-09-18	11:32-13:30			1.12441	18-09-18 11:34	1000	Other	NA	Electronic	1.12417	1.12441
EURCHF	18-09-18	13:30-13:32	1.12495	1000								

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EURCHF	18-09-18	15:30-15:32	1.12492	1000								
EURCHF	19-09-18	09:30-09:32	1.12972	2000								
EURCHF	19-09-18	11:30-11:32	1.13161	1000								
EURCHF	19-09-18	13:32-15:30			1.13072	19-09-18 13:46	1000	Other	NA	Electronic	1.13072	1.131
EURCHF	19-09-18	15:32-17:30			1.13001	19-09-18 15:36	50000	Other	NA	Electronic	1.13001	1.13024
EURCHF	20-09-18	09:30-09:32	1.13054	1000								
EURCHF	20-09-18	11:32-13:30			1.1317	20-09-18 11:32	1000	Other	NA	Electronic	1.13142	1.1317
EURCHF	20-09-18	13:32-15:30			1.13025	20-09-18 13:36	1000	Other	NA	Electronic	1.12998	1.13025
EURCHF	20-09-18	15:32-17:30			1.12909	20-09-18 15:37	1000	Other	NA	Electronic	1.12909	1.12935
EURCHF	21-09-18	09:30-09:32	1.12538	2000								
EURCHF	21-09-18	11:32-13:30			1.1245	21-09-18 11:34	1000	Other	NA	Electronic	1.1245	1.12476
EURCHF	21-09-18	13:32-15:30			1.12423	21-09-18 13:34	4000	Other	NA	Electronic	1.12423	1.12449
EURCHF	21-09-18	15:30-15:32	1.12711	1000								
EURCHF	24-09-18	09:32-11:30			1.12859	24-09-18 09:39	2000	Other	NA	Electronic	1.12831	1.12859
EURCHF	24-09-18	11:32-13:30			1.12813	24-09-18 11:45	1000	Other	NA	Electronic	1.12813	1.1284

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EURCHF	24-09-18	13:30-13:32	1.13146	3000								
EURCHF	24-09-18	15:30-15:32	1.13247	3000								
EURCHF	25-09-18	09:32-11:30			1.13723	25-09-18 09:38	10000	Other	NA	Electronic	1.13697	1.13723
EURCHF	25-09-18	11:30-11:32	1.13767	2000								
EURCHF	25-09-18	13:30-13:32	1.13788	1000								
EURCHF	25-09-18	15:32-17:30			1.13588	25-09-18 15:33	5000	Other	NA	Electronic	1.13564	1.13588
EURCHF	26-09-18	09:32-11:30			1.13702	26-09-18 09:33	1000	Other	NA	Electronic	1.13677	1.13702
EURCHF	26-09-18	11:32-13:30			1.13725	26-09-18 11:32	5000	Other	NA	Electronic	1.137	1.13725
EURCHF	26-09-18	13:32-15:30			1.13728	26-09-18 13:35	2000	Other	NA	Electronic	1.13728	1.13753
EURCHF	26-09-18	15:32-17:30			1.13771	26-09-18 15:34	1000	Other	NA	Electronic	1.13771	1.13794
EURCHF	27-09-18	09:32-11:30			1.13531	27-09-18 09:36	5000	Other	NA	Electronic	1.13505	1.13531
EURCHF	27-09-18	11:30-11:32	1.13738	4000								
EURCHF	27-09-18	13:30-13:32	1.1381	6000								
EURCHF	27-09-18	15:30-15:32	1.14008	7000								
EURCHF	28-09-18	09:30-09:32	1.13243	3000								



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EURCHF	28-09-18	11:32-13:30			1.1322	28-09-18 11:32	20000	Other	NA	Electronic	1.13194	1.1322
EURCHF	28-09-18	13:32-15:30			1.131	28-09-18 13:32	5000	Other	NA	Electronic	1.131	1.13127
EURCHF	28-09-18	15:32-17:30			1.13374	28-09-18 16:23	1000	Other	NA	Electronic	1.13374	1.13399
EURCHF.	02-07-18	09:32-11:30			1.15578	02-07-18 09:41	5000	Other	NA	Electronic	1.15573	1.15578
EURCHF.	02-07-18	11:32-13:30			1.15621	02-07-18 11:43	1000	Other	NA	Electronic	1.15618	1.15621
EURCHF.	02-07-18	13:32-15:30			1.15618	02-07-18 14:17	1000	Other	NA	Electronic	1.15612	1.15616
EURCHF.	03-07-18	09:32-11:30			1.15726	03-07-18 09:43	10000	Other	NA	Electronic	1.15722	1.15726
EURCHF.	03-07-18	11:32-13:30			1.1581	03-07-18 11:50	20000	Other	NA	Electronic	1.1581	1.15813
EURCHF.	03-07-18	13:32-15:30			1.15625	03-07-18 13:45	2000	Other	NA	Electronic	1.15621	1.15625
EURCHF.	03-07-18	15:32-17:30			1.15609	03-07-18 16:05	1000	Other	NA	Electronic	1.15603	1.15609
EURCHF.	04-07-18	09:32-11:30			1.15515	04-07-18 10:09	1000	Other	NA	Electronic	1.15515	1.1552
EURCHF.	04-07-18	11:32-13:30			1.15591	04-07-18 11:38	2000	Other	NA	Electronic	1.15586	1.15591
EURCHF.	04-07-18	13:32-15:30			1.15551	04-07-18 13:40	5000	Other	NA	Electronic	1.15544	1.15551
EURCHF.	04-07-18	15:32-17:30			1.15669	04-07-18 15:39	2000	Other	NA	Electronic	1.15669	1.15679
EURCHF.	05-07-18	09:32-11:30			1.16093	05-07-18 09:34	3000	Other	NA	Electronic	1.16092	1.16096

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EURCHF.	05-07-18	11:32-13:30			1.16061	05-07-18 11:43	2000	Other	NA	Electronic	1.16056	1.16061
EURCHF.	05-07-18	13:32-15:30			1.16135	05-07-18 13:48	4000	Other	NA	Electronic	1.16135	1.16139
EURCHF.	05-07-18	15:32-17:30			1.16127	05-07-18 15:55	1000	Other	NA	Electronic	1.16127	1.16131
EURCHF.	06-07-18	09:32-11:30			1.16185	06-07-18 10:39	2000	Other	NA	Electronic	1.16185	1.1619
EURCHF.	06-07-18	11:32-13:30			1.163	06-07-18 11:44	30000	Other	NA	Electronic	1.16296	1.163
EURCHF.	06-07-18	13:32-15:30			1.16302	06-07-18 13:43	1000	Other	NA	Electronic	1.16302	1.16306
EURCHF.	06-07-18	15:32-17:30			1.1628	06-07-18 15:40	1000	Other	NA	Electronic	1.16272	1.1628
EURCHF.	09-07-18	09:32-11:30			1.16272	09-07-18 10:04	1000	Other	NA	Electronic	1.16269	1.16272
EURCHF.	09-07-18	11:30-11:32	1.16365	6000								
EURCHF.	09-07-18	13:32-15:30			1.16435	09-07-18 13:37	1000	Other	NA	Electronic	1.16436	1.16441
EURCHF.	09-07-18	15:32-17:30			1.16544	09-07-18 17:00	1000	Other	NA	Electronic	1.16544	1.16549
EURCHF.	10-07-18	09:32-11:30			1.16399	10-07-18 09:49	1000	Other	NA	Electronic	1.16399	1.16403
EURCHF.	10-07-18	11:32-13:30			1.16507	10-07-18 12:21	1000	Other	NA	Electronic	1.16507	1.16512
EURCHF.	10-07-18	13:32-15:30			1.16383	10-07-18 14:23	1000	Other	NA	Electronic	1.16379	1.16383
EURCHF.	10-07-18	15:32-17:30			1.16442	10-07-18 16:31	1000	Other	NA	Electronic	1.16437	1.16442

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EURCHF.	11-07-18	09:32-11:30			1.16414	11-07-18 09:45	1000	Other	NA	Electronic	1.16415	1.16421
EURCHF.	11-07-18	11:32-13:30			1.16395	11-07-18 12:00	75000	Other	NA	Electronic	1.16395	1.164
EURCHF.	11-07-18	13:32-15:30			1.1645	11-07-18 14:15	1000	Other	NA	Electronic	1.16444	1.16449
EURCHF.	11-07-18	15:32-17:30			1.1637	11-07-18 16:56	2000	Other	NA	Electronic	1.16366	1.1637
EURCHF.	12-07-18	09:32-11:30			1.16423	12-07-18 09:37	5000	Other	NA	Electronic	1.1642	1.16423
EURCHF.	12-07-18	11:32-13:30			1.16358	12-07-18 11:55	117000	Other	NA	Electronic	1.16354	1.16358
EURCHF.	12-07-18	13:32-15:30			1.16896	12-07-18 13:48	85000	Other	NA	Electronic	1.16896	1.169
EURCHF.	12-07-18	15:30-15:32	1.17	3000								
EURCHF.	13-07-18	09:30-09:32	1.1676	2000								
EURCHF.	13-07-18	11:32-13:30			1.16952	13-07-18 11:38	2000	Other	NA	Electronic	1.16946	1.16952
EURCHF.	13-07-18	13:32-15:30			1.16994	13-07-18 13:50	1000	Other	NA	Electronic	1.16987	1.16994
EURCHF.	13-07-18	15:32-17:30			1.17009	13-07-18 15:36	1000	Other	NA	Electronic	1.17009	1.17014
EURCHF.	16-07-18	09:32-11:30			1.16962	16-07-18 09:39	10000	Other	NA	Electronic	1.16963	1.16967
EURCHF.	16-07-18	11:32-13:30			1.16913	16-07-18 11:45	1000	Other	NA	Electronic	1.16908	1.16913
EURCHF.	16-07-18	13:32-15:30			1.16874	16-07-18 13:34	1000	Other	NA	Electronic	1.16874	1.1688

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EURCHF.	16-07-18	15:32-17:30			1.16797	16-07-18 16:01	1000	Other	NA	Electronic	1.16792	1.16797
EURCHF.	17-07-18	09:32-11:30			1.16594	17-07-18 09:54	1000	Other	NA	Electronic	1.16594	1.16599
EURCHF.	17-07-18	11:32-13:30			1.16499	17-07-18 11:34	1000	Other	NA	Electronic	1.16491	1.16499
EURCHF.	17-07-18	13:32-15:30			1.16486	17-07-18 14:06	121000	Other	NA	Electronic	1.16479	1.16484
EURCHF.	17-07-18	15:32-17:30			1.16677	17-07-18 15:34	2000	Other	NA	Electronic	1.16673	1.16676
EURCHF.	18-07-18	09:32-11:30			1.16386	18-07-18 09:35	5000	Other	NA	Electronic	1.16386	1.16398
EURCHF.	18-07-18	11:30-11:32	1.16181	4000								
EURCHF.	18-07-18	13:32-15:30			1.16239	18-07-18 13:41	1000	Other	NA	Electronic	1.16234	1.16239
EURCHF.	18-07-18	15:32-17:30			1.16355	18-07-18 15:36	1000	Other	NA	Electronic	1.16349	1.16355
EURCHF.	19-07-18	09:30-09:32	1.16274	1000								
EURCHF.	19-07-18	11:32-13:30			1.16215	19-07-18 11:50	1000	Other	NA	Electronic	1.16215	1.16221
EURCHF.	19-07-18	13:32-15:30			1.16337	19-07-18 13:40	1000	Other	NA	Electronic	1.16337	1.16343
EURCHF.	19-07-18	15:30-15:32	1.16231	1000								
EURCHF.	20-07-18	09:32-11:30			1.16355	20-07-18 09:51	1000	Other	NA	Electronic	1.16355	1.16362
EURCHF.	20-07-18	11:32-13:30			1.16338	20-07-18 12:37	2000	Other	NA	Electronic	1.16338	1.16342

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EURCHF.	20-07-18	13:32-15:30			1.16511	20-07-18 14:00	2000	Other	NA	Electronic	1.16511	1.16515
EURCHF.	20-07-18	15:32-17:30			1.16414	20-07-18 15:57	2000	Other	NA	Electronic	1.16407	1.16414
EURCHF.	23-07-18	09:32-11:30			1.16059	23-07-18 09:46	5000	Other	NA	Electronic	1.16054	1.16059
EURCHF.	23-07-18	11:32-13:30			1.16137	23-07-18 11:57	10000	Other	NA	Electronic	1.16132	1.16137
EURCHF.	23-07-18	13:32-15:30			1.16147	23-07-18 14:15	1000	Other	NA	Electronic	1.16147	1.16151
EURCHF.	23-07-18	15:32-17:30			1.16171	23-07-18 16:19	2000	Other	NA	Electronic	1.16171	1.16177
EURCHF.	24-07-18	09:32-11:30			1.16221	24-07-18 10:15	1000	Other	NA	Electronic	1.16221	1.16228
EURCHF.	24-07-18	11:32-13:30			1.16235	24-07-18 12:30	1000	Other	NA	Electronic	1.16229	1.16235
EURCHF.	24-07-18	13:32-15:30			1.16282	24-07-18 13:47	1000	Other	NA	Electronic	1.16282	1.16287
EURCHF.	24-07-18	15:32-17:30			1.16171	24-07-18 15:46	2000	Other	NA	Electronic	1.16171	1.16176
EURCHF.	25-07-18	09:32-11:30			1.15978	25-07-18 09:37	5000	Other	NA	Electronic	1.1597	1.15978
EURCHF.	25-07-18	11:32-13:30			1.15989	25-07-18 11:33	21000	Other	NA	Electronic	1.15984	1.15989
EURCHF.	25-07-18	13:32-15:30			1.16094	25-07-18 13:35	1000	Other	NA	Electronic	1.16088	1.16094
EURCHF.	25-07-18	15:32-17:30			1.16031	25-07-18 15:45	1000	Other	NA	Electronic	1.16031	1.16038
EURCHF.	26-07-18	09:32-11:30			1.16337	26-07-18 09:38	2000	Other	NA	Electronic	1.16337	1.16342

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EURCHF.	26-07-18	11:32-13:30			1.16216	26-07-18 12:00	2000	Other	NA	Electronic	1.1621	1.16215
EURCHF.	26-07-18	13:30-13:32	1.16048	12000								
EURCHF.	26-07-18	15:32-17:30			1.15818	26-07-18 15:38	2000	Other	NA	Electronic	1.15818	1.15822
EURCHF.	27-07-18	09:32-11:30			1.15954	27-07-18 10:25	1000	Other	NA	Electronic	1.15949	1.15955
EURCHF.	27-07-18	11:32-13:30			1.1595	27-07-18 11:40	5000	Other	NA	Electronic	1.1595	1.15955
EURCHF.	27-07-18	13:32-15:30			1.1596	27-07-18 14:27	2000	Other	NA	Electronic	1.15956	1.1596
EURCHF.	30-07-18	09:32-11:30			1.15898	30-07-18 10:37	10000	Other	NA	Electronic	1.15898	1.15904
EURCHF.	30-07-18	11:32-13:30			1.15952	30-07-18 11:52	1000	Other	NA	Electronic	1.15952	1.15956
EURCHF.	30-07-18	13:32-15:30			1.15938	30-07-18 14:02	1000	Other	NA	Electronic	1.15938	1.15944
EURCHF.	30-07-18	15:32-17:30			1.15789	30-07-18 15:39	1000	Other	NA	Electronic	1.15789	1.15794
EURCHF.	31-07-18	09:32-11:30			1.15875	31-07-18 09:32	1000	Other	NA	Electronic	1.15876	1.1588
EURCHF.	31-07-18	13:32-15:30			1.15845	31-07-18 15:00	2000	Other	NA	Electronic	1.15842	1.15845
EURCHF.	31-07-18	15:32-17:30			1.15804	31-07-18 15:32	2000	Other	NA	Electronic	1.15805	1.15809
EURCHF.	01-08-18	09:30-09:32	1.15888	50000								
EURCHF.	01-08-18	11:32-13:30			1.15834	01-08-18 12:16	30000	Other	NA	Electronic	1.1583	1.15836

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EURCHF.	01-08-18	15:32-17:30			1.15764	01-08-18 15:57	2000	Other	NA	Electronic	1.15682	1.15686
EURCHF.	02-08-18	09:32-11:30			1.15426	02-08-18 10:27	1000	Other	NA	Electronic	1.15421	1.15426
EURCHF.	02-08-18	11:32-13:30			1.15476	02-08-18 11:37	5000	Other	NA	Electronic	1.1547	1.15476
EURCHF.	02-08-18	13:32-15:30			1.15499	02-08-18 14:25	1000	Other	NA	Electronic	1.15499	1.15504
EURCHF.	02-08-18	15:32-17:30			1.15461	02-08-18 15:36	1000	Other	NA	Electronic	1.15461	1.15464
EURCHF.	03-08-18	11:32-13:30			1.15298	03-08-18 13:00	1000	Other	NA	Electronic	1.15291	1.15298
EURCHF.	03-08-18	13:32-15:30			1.15054	03-08-18 14:01	1000	Other	NA	Electronic	1.15054	1.15061
EURCHF.	03-08-18	15:32-17:30			1.15103	03-08-18 15:56	2000	Other	NA	Electronic	1.15098	1.15103
EURCHF.	06-08-18	11:32-13:30			1.15119	06-08-18 11:59	2000	Other	NA	Electronic	1.15119	1.15124
EURCHF.	06-08-18	13:32-15:30			1.15246	06-08-18 14:00	2000	Other	NA	Electronic	1.15246	1.15251
EURCHF.	06-08-18	15:32-17:30			1.15213	06-08-18 17:00	10000	Other	NA	Electronic	1.15208	1.15213
EURCHF.	07-08-18	11:32-13:30			1.15301	07-08-18 12:00	1000	Other	NA	Electronic	1.15301	1.15304
EURCHF.	08-08-18	09:32-11:30			1.15417	08-08-18 09:45	2000	Other	NA	Electronic	1.15411	1.15417
EURCHF.	08-08-18	11:32-13:30			1.1541	08-08-18 12:32	9000	Other	NA	Electronic	1.15405	1.1541
EURCHF.	08-08-18	13:32-15:30			1.15368	08-08-18 13:57	7000	Other	NA	Electronic	1.15368	1.15374

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EURCHF.	09-08-18	09:32-11:30			1.1514	09-08-18 11:14	10000	Other	NA	Electronic	1.15134	1.1514
EURCHF.	09-08-18	11:32-13:30			1.15093	09-08-18 13:07	7000	Other	NA	Electronic	1.15088	1.15093
EURCHF.	09-08-18	13:32-15:30			1.14886	09-08-18 13:52	1000	Other	NA	Electronic	1.1488	1.14886
EURCHF.	09-08-18	15:32-17:30			1.14566	09-08-18 15:47	3000	Other	NA	Electronic	1.14561	1.14566
EURCHF.	10-08-18	09:32-11:30			1.14025	10-08-18 09:57	5000	Other	NA	Electronic	1.14018	1.14025
EURCHF.	10-08-18	11:32-13:30			1.13968	10-08-18 11:53	5000	Other	NA	Electronic	1.13968	1.13975
EURCHF.	10-08-18	13:30-13:32	1.13568	14000								
EURCHF.	10-08-18	15:32-17:30			1.13539	10-08-18 15:35	2000	Other	NA	Electronic	1.13539	1.13545
EURCHF.	13-08-18	09:32-11:30			1.13225	13-08-18 10:40	10000	Other	NA	Electronic	1.13225	1.13232
EURCHF.	13-08-18	11:32-13:30			1.13117	13-08-18 11:33	5000	Other	NA	Electronic	1.13113	1.13117
EURCHF.	13-08-18	13:30-13:32	1.13561	70000								
EURCHF.	13-08-18	15:30-15:32	1.13341	55000								
EURCHF.	14-08-18	09:32-11:30			1.13061	14-08-18 10:13	2000	Other	NA	Electronic	1.13061	1.13069
EURCHF.	14-08-18	11:32-13:30			1.12921	14-08-18 11:38	2000	Other	NA	Electronic	1.12914	1.12921
EURCHF.	14-08-18	13:32-15:30			1.12887	14-08-18 13:43	3000	Other	NA	Electronic	1.12887	1.12892



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EURCHF.	14-08-18	15:32-17:30			1.12729	14-08-18 15:38	2000	Other	NA	Electronic	1.12724	1.12729
EURCHF.	15-08-18	11:32-13:30			1.12826	15-08-18 13:13	10000	Other	NA	Electronic	1.1282	1.12826
EURCHF.	15-08-18	13:32-15:30			1.12766	15-08-18 13:45	10000	Other	NA	Electronic	1.12761	1.12766
EURCHF.	15-08-18	15:32-17:30			1.12769	15-08-18 16:19	1000	Other	NA	Electronic	1.12769	1.12776
EURCHF.	16-08-18	09:32-11:30			1.12972	16-08-18 10:09	2000	Other	NA	Electronic	1.12966	1.12972
EURCHF.	16-08-18	13:32-15:30			1.13137	16-08-18 13:33	10000	Other	NA	Electronic	1.13131	1.13137
EURCHF.	16-08-18	15:32-17:30			1.1347	16-08-18 16:16	1000	Other	NA	Electronic	1.13465	1.1347
EURCHF.	17-08-18	11:32-13:30			1.13348	17-08-18 12:30	2000	Other	NA	Electronic	1.13339	1.13348
EURCHF.	17-08-18	13:32-15:30			1.135	17-08-18 15:21	1000	Other	NA	Electronic	1.135	1.13505
EURCHF.	17-08-18	15:32-17:30			1.13468	17-08-18 16:51	1000	Other	NA	Electronic	1.13464	1.13468
EURCHF.	20-08-18	13:32-15:30			1.1375	20-08-18 15:21	3000	Other	NA	Electronic	1.13745	1.1375
EURCHF.	20-08-18	15:32-17:30			1.13821	20-08-18 16:38	1000	Other	NA	Electronic	1.13821	1.13828
EURCHF.	21-08-18	09:32-11:30			1.13766	21-08-18 09:44	1000	Other	NA	Electronic	1.13761	1.13766
EURCHF.	21-08-18	11:32-13:30			1.13701	21-08-18 12:17	100000	Other	NA	Electronic	1.13695	1.13701
EURCHF.	21-08-18	13:32-15:30			1.13638	21-08-18 13:36	2000	Other	NA	Electronic	1.13638	1.13642

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EURCHF.	21-08-18	15:32-17:30			1.13855	21-08-18 16:45	2000	Other	NA	Electronic	1.13855	1.13859
EURCHF.	22-08-18	09:32-11:30			1.14074	22-08-18 11:10	3000	Other	NA	Electronic	1.14065	1.14074
EURCHF.	23-08-18	09:32-11:30			1.1379	23-08-18 10:07	2000	Other	NA	Electronic	1.1379	1.13794
EURCHF.	23-08-18	11:32-13:30			1.13829	23-08-18 11:49	3000	Other	NA	Electronic	1.13829	1.13833
EURCHF.	23-08-18	13:30-13:32	1.1391	2000								
EURCHF.	23-08-18	15:32-17:30			1.13936	23-08-18 15:45	1000	Other	NA	Electronic	1.13931	1.13936
EURCHF.	24-08-18	09:32-11:30			1.1386	24-08-18 10:15	2000	Other	NA	Electronic	1.13853	1.1386
EURCHF.	24-08-18	11:32-13:30			1.14046	24-08-18 11:46	7000	Other	NA	Electronic	1.14046	1.14052
EURCHF.	24-08-18	13:32-15:30			1.14242	24-08-18 14:25	6000	Other	NA	Electronic	1.14242	1.1425
EURCHF.	24-08-18	15:32-17:30			1.14243	24-08-18 16:23	4000	Other	NA	Electronic	1.14237	1.14243
EURCHF.	27-08-18	09:32-11:30			1.14176	27-08-18 10:09	2000	Other	NA	Electronic	1.14176	1.1418
EURCHF.	27-08-18	11:32-13:30			1.14321	27-08-18 12:19	2000	Other	NA	Electronic	1.14321	1.14326
EURCHF.	27-08-18	13:32-15:30			1.14385	27-08-18 13:32	2000	Other	NA	Electronic	1.14378	1.14387
EURCHF.	28-08-18	09:32-11:30			1.14256	28-08-18 09:33	2000	Other	NA	Electronic	1.14256	1.14261
EURCHF.	28-08-18	11:32-13:30			1.14362	28-08-18 12:51	1000	Other	NA	Electronic	1.14356	1.14362

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EURCHF.	28-08-18	13:32-15:30			1.14297	28-08-18 13:39	1000	Other	NA	Electronic	1.14297	1.14302
EURCHF.	28-08-18	15:32-17:30			1.14286	28-08-18 16:07	2000	Other	NA	Electronic	1.14281	1.14286
EURCHF.	29-08-18	11:32-13:30			1.13859	29-08-18 12:12	1000	Other	NA	Electronic	1.13853	1.13859
EURCHF.	29-08-18	13:32-15:30			1.13628	29-08-18 13:41	9000	Other	NA	Electronic	1.13628	1.13634
EURCHF.	29-08-18	15:32-17:30			1.1378	29-08-18 16:12	5000	Other	NA	Electronic	1.1378	1.13785
EURCHF.	30-08-18	09:32-11:30			1.13489	30-08-18 10:00	2000	Other	NA	Electronic	1.13484	1.13489
EURCHF.	30-08-18	11:32-13:30			1.13425	30-08-18 11:38	3000	Other	NA	Electronic	1.13425	1.13431
EURCHF.	30-08-18	13:32-15:30			1.13242	30-08-18 13:54	3000	Other	NA	Electronic	1.13236	1.13242
EURCHF.	30-08-18	15:32-17:30			1.13047	30-08-18 16:14	1000	Other	NA	Electronic	1.13047	1.13053
EURCHF.	31-08-18	09:32-11:30			1.12706	31-08-18 10:41	1000	Other	NA	Electronic	1.12706	1.12709
EURCHF.	31-08-18	11:32-13:30			1.12805	31-08-18 12:00	300000	Other	NA	Electronic	1.128	1.12805
EURCHF.	31-08-18	13:32-15:30			1.12753	31-08-18 14:09	2000	Other	NA	Electronic	1.12747	1.12753
EURCHF.	31-08-18	15:32-17:30			1.12526	31-08-18 15:39	25000	Other	NA	Electronic	1.12526	1.12532
EURCHF.	03-09-18	09:32-11:30			1.12611	03-09-18 11:11	10000	Other	NA	Electronic	1.12611	1.12614
EURCHF.	03-09-18	11:32-13:30			1.12691	03-09-18 12:20	30000	Other	NA	Electronic	1.12683	1.12691

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EURCHF.	03-09-18	15:32-17:30			1.12596	03-09-18 16:39	2000	Other	NA	Electronic	1.12588	1.12596
EURCHF.	04-09-18	13:32-15:30			1.12499	04-09-18 13:49	30000	Other	NA	Electronic	1.12499	1.12505
EURCHF.	04-09-18	15:32-17:30			1.1287	04-09-18 16:13	3000	Other	NA	Electronic	1.1287	1.12877
EURCHF.	05-09-18	09:32-11:30			1.12911	05-09-18 10:50	1000	Other	NA	Electronic	1.12905	1.12911
EURCHF.	05-09-18	11:32-13:30			1.12884	05-09-18 12:27	2000	Other	NA	Electronic	1.1288	1.12884
EURCHF.	05-09-18	13:32-15:30			1.12895	05-09-18 14:18	2000	Other	NA	Electronic	1.12895	1.129
EURCHF.	05-09-18	15:30-15:32	1.12837	1000								
EURCHF.	06-09-18	09:32-11:30			1.1272	06-09-18 09:58	1000	Other	NA	Electronic	1.12719	1.12727
EURCHF.	06-09-18	11:32-13:30			1.12747	06-09-18 11:35	1000	Other	NA	Electronic	1.12741	1.12747
EURCHF.	06-09-18	13:30-13:32	1.12668	5000								
EURCHF.	06-09-18	15:32-17:30			1.12511	06-09-18 15:39	1000	Other	NA	Electronic	1.12511	1.12518
EURCHF.	07-09-18	09:32-11:30			1.12376	07-09-18 09:36	26000	Other	NA	Electronic	1.12376	1.12381
EURCHF.	07-09-18	11:30-11:32	1.12109	1000								
EURCHF.	07-09-18	13:32-15:30			1.11864	07-09-18 13:44	1000	Other	NA	Electronic	1.11864	1.11869
EURCHF.	07-09-18	15:32-17:30			1.12021	07-09-18 16:40	5000	Other	NA	Electronic	1.12016	1.12021

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EURCHF.	10-09-18	09:30-09:32	1.12583	1000								
EURCHF.	10-09-18	11:32-13:30			1.12728	10-09-18 11:46	2000	Other	NA	Electronic	1.12721	1.12728
EURCHF.	10-09-18	13:32-15:30			1.12905	10-09-18 13:33	10000	Other	NA	Electronic	1.129	1.12905
EURCHF.	10-09-18	15:32-17:30			1.13011	10-09-18 15:52	1000	Other	NA	Electronic	1.13011	1.13019
EURCHF.	11-09-18	09:32-11:30			1.12998	11-09-18 09:50	5000	Other	NA	Electronic	1.12998	1.13004
EURCHF.	11-09-18	11:32-13:30			1.12759	11-09-18 12:01	1000	Other	NA	Electronic	1.12753	1.12759
EURCHF.	11-09-18	13:32-15:30			1.12846	11-09-18 14:09	25000	Other	NA	Electronic	1.12839	1.12846
EURCHF.	11-09-18	15:30-15:32	1.12879	10000								
EURCHF.	12-09-18	09:32-11:30			1.12836	12-09-18 09:46	1000	Other	NA	Electronic	1.12831	1.12836
EURCHF.	12-09-18	11:30-11:32	1.12784	1000								
EURCHF.	12-09-18	15:32-17:30			1.12816	12-09-18 16:38	2000	Other	NA	Electronic	1.12811	1.12816
EURCHF.	13-09-18	09:32-11:30			1.12655	13-09-18 10:31	20000	Other	NA	Electronic	1.12655	1.1266
EURCHF.	13-09-18	11:32-13:30			1.1286	13-09-18 13:07	1000	Other	NA	Electronic	1.12853	1.1286
EURCHF.	13-09-18	13:32-15:30			1.12972	13-09-18 13:35	1000	Other	NA	Electronic	1.12966	1.12972
EURCHF.	13-09-18	15:32-17:30			1.13008	13-09-18 16:30	40000	Other	NA	Electronic	1.13004	1.13008

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EURCHF.	14-09-18	11:32-13:30			1.12779	14-09-18 11:38	2000	Other	NA	Electronic	1.12779	1.12784
EURCHF.	14-09-18	13:32-15:30			1.12804	14-09-18 13:45	1000	Other	NA	Electronic	1.12804	1.12808
EURCHF.	14-09-18	15:32-17:30			1.12585	14-09-18 16:01	33000	Other	NA	Electronic	1.12562	1.12579
EURCHF.	17-09-18	09:32-11:30			1.12477	17-09-18 10:31	20000	Other	NA	Electronic	1.12471	1.12477
EURCHF.	17-09-18	11:32-13:30			1.12315	17-09-18 12:14	8000	Other	NA	Electronic	1.12307	1.12315
EURCHF.	17-09-18	13:32-15:30			1.12519	17-09-18 13:38	20000	Other	NA	Electronic	1.12519	1.12525
EURCHF.	17-09-18	15:32-17:30			1.1252	17-09-18 16:31	2000	Other	NA	Electronic	1.1252	1.12524
EURCHF.	18-09-18	09:32-11:30			1.12265	18-09-18 09:41	5000	Other	NA	Electronic	1.12265	1.1227
EURCHF.	18-09-18	11:32-13:30			1.12502	18-09-18 12:05	1000	Other	NA	Electronic	1.12502	1.12508
EURCHF.	18-09-18	13:32-15:30			1.12493	18-09-18 14:10	5000	Other	NA	Electronic	1.12493	1.125
EURCHF.	18-09-18	15:32-17:30			1.1243	18-09-18 16:52	2000	Other	NA	Electronic	1.12424	1.1243
EURCHF.	19-09-18	09:32-11:30			1.13051	19-09-18 09:43	2000	Other	NA	Electronic	1.13046	1.13051
EURCHF.	19-09-18	11:32-13:30			1.13126	19-09-18 13:15	4000	Other	NA	Electronic	1.13126	1.1313
EURCHF.	19-09-18	13:32-15:30			1.13006	19-09-18 14:23	4000	Other	NA	Electronic	1.12999	1.13006
EURCHF.	19-09-18	15:32-17:30			1.12964	19-09-18 15:32	10000	Other	NA	Electronic	1.12964	1.12968

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EURCHF.	20-09-18	09:30-09:32	1.13081	3000								
EURCHF.	20-09-18	11:32-13:30			1.1313	20-09-18 11:38	4000	Other	NA	Electronic	1.1313	1.13138
EURCHF.	20-09-18	13:32-15:30			1.12908	20-09-18 13:45	1000	Other	NA	Electronic	1.12903	1.12908
EURCHF.	20-09-18	15:32-17:30			1.13012	20-09-18 16:00	1000	Other	NA	Electronic	1.13012	1.1302
EURCHF.	21-09-18	09:32-11:30			1.12549	21-09-18 10:15	10000	Other	NA	Electronic	1.12544	1.12549
EURCHF.	21-09-18	11:32-13:30			1.12416	21-09-18 11:43	1000	Other	NA	Electronic	1.1241	1.12417
EURCHF.	21-09-18	13:32-15:30			1.12403	21-09-18 13:46	1000	Other	NA	Electronic	1.12395	1.12403
EURCHF.	21-09-18	15:32-17:30			1.12611	21-09-18 16:01	4000	Other	NA	Electronic	1.12611	1.12619
EURCHF.	24-09-18	09:32-11:30			1.12833	24-09-18 09:47	1000	Other	NA	Electronic	1.12833	1.1284
EURCHF.	24-09-18	11:32-13:30			1.12874	24-09-18 11:57	3000	Other	NA	Electronic	1.12868	1.12874
EURCHF.	24-09-18	13:32-15:30			1.13136	24-09-18 13:32	5000	Other	NA	Electronic	1.13128	1.13136
EURCHF.	24-09-18	15:32-17:30			1.13303	24-09-18 15:34	4000	Other	NA	Electronic	1.13295	1.13303
EURCHF.	25-09-18	09:32-11:30			1.13647	25-09-18 10:15	1000	Other	NA	Electronic	1.1364	1.13647
EURCHF.	25-09-18	11:32-13:30			1.13754	25-09-18 12:37	12000	Other	NA	Electronic	1.13749	1.13754
EURCHF.	25-09-18	13:32-15:30			1.1379	25-09-18 14:14	25000	Other	NA	Electronic	1.1379	1.13796

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EURCHF.	25-09-18	15:32-17:30			1.13487	25-09-18 17:24	1000	Other	NA	Electronic	1.13482	1.13487
EURCHF.	26-09-18	09:32-11:30			1.1371	26-09-18 09:35	3000	Other	NA	Electronic	1.13705	1.1371
EURCHF.	26-09-18	11:32-13:30			1.1377	26-09-18 12:42	20000	Other	NA	Electronic	1.13765	1.1377
EURCHF.	26-09-18	13:32-15:30			1.13741	26-09-18 13:48	21000	Other	NA	Electronic	1.13741	1.13746
EURCHF.	26-09-18	15:32-17:30			1.13776	26-09-18 15:38	12000	Other	NA	Electronic	1.13776	1.13781
EURCHF.	27-09-18	09:32-11:30			1.13676	27-09-18 10:42	9000	Other	NA	Electronic	1.1367	1.13676
EURCHF.	27-09-18	11:32-13:30			1.13678	27-09-18 11:35	1000	Other	NA	Electronic	1.13678	1.13683
EURCHF.	27-09-18	13:32-15:30			1.13881	27-09-18 14:03	1000	Other	NA	Electronic	1.13874	1.13881
EURCHF.	27-09-18	15:32-17:30			1.14007	27-09-18 15:36	2000	Other	NA	Electronic	1.13999	1.14007
EURCHF.	28-09-18	09:32-11:30			1.13175	28-09-18 09:44	1000	Other	NA	Electronic	1.13167	1.13175
EURCHF.	28-09-18	11:32-13:30			1.13129	28-09-18 13:10	2000	Other	NA	Electronic	1.13124	1.13129
EURCHF.	28-09-18	13:32-15:30			1.13199	28-09-18 14:13	2000	Other	NA	Electronic	1.13193	1.13199
EURCHF.	28-09-18	15:30-15:32	1.13413	2000								
EURCHFmicro	02-07-18	09:32-11:30			1.15565	02-07-18 09:32	30	Other	NA	Electronic	1.1556	1.15589
EURCHFmicro	02-07-18	11:32-13:30			1.15574	02-07-18 11:40	100	Other	NA	Electronic	1.15574	1.15601



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EURCHFmicro	02-07-18	13:32-15:30			1.15532	02-07-18 13:33	50	Other	NA	Electronic	1.15504	1.15531
EURCHFmicro	02-07-18	15:32-17:30			1.15483	02-07-18 15:33	100	Other	NA	Electronic	1.15456	1.15483
EURCHFmicro	03-07-18	09:32-11:30			1.15699	03-07-18 09:45	100	Other	NA	Electronic	1.15699	1.15725
EURCHFmicro	03-07-18	11:32-13:30			1.15784	03-07-18 11:35	10	Other	NA	Electronic	1.15784	1.15811
EURCHFmicro	03-07-18	13:32-15:30			1.15641	03-07-18 13:34	500	Other	NA	Electronic	1.15641	1.15668
EURCHFmicro	03-07-18	15:32-17:30			1.15661	03-07-18 15:37	1000	Other	NA	Electronic	1.15633	1.15661
EURCHFmicro	04-07-18	09:30-09:32	1.1559	120								
EURCHFmicro	04-07-18	11:32-13:30			1.15587	04-07-18 11:52	100	Other	NA	Electronic	1.1556	1.15587
EURCHFmicro	04-07-18	13:32-15:30			1.15592	04-07-18 13:48	80	Other	NA	Electronic	1.15566	1.15592
EURCHFmicro	04-07-18	15:32-17:30			1.1565	04-07-18 15:36	3000	Other	NA	Electronic	1.1565	1.1568
EURCHFmicro	05-07-18	09:32-11:30			1.16077	05-07-18 09:38	10000	Other	NA	Electronic	1.16077	1.16104
EURCHFmicro	05-07-18	11:32-13:30			1.16046	05-07-18 11:39	100	Other	NA	Electronic	1.16046	1.16073
EURCHFmicro	05-07-18	13:30-13:32	1.16141	5000								
EURCHFmicro	05-07-18	15:32-17:30			1.16091	05-07-18 15:38	100	Other	NA	Electronic	1.16064	1.16091
EURCHFmicro	06-07-18	09:30-09:32	1.16268	1000								

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EURCHFmicro	06-07-18	11:30-11:32	1.16258	90040								
EURCHFmicro	06-07-18	13:32-15:30			1.1624	06-07-18 13:52	100	Other	NA	Electronic	1.1624	1.16264
EURCHFmicro	06-07-18	15:30-15:32	1.1633	10								
EURCHFmicro	09-07-18	09:32-11:30			1.16245	09-07-18 09:45	100	Other	NA	Electronic	1.16216	1.16245
EURCHFmicro	09-07-18	11:30-11:32	1.16361	4370								
EURCHFmicro	09-07-18	13:30-13:32	1.16437	2600								
EURCHFmicro	09-07-18	15:32-17:30			1.16492	09-07-18 15:36	7100	Other	NA	Electronic	1.16465	1.16492
EURCHFmicro	10-07-18	09:32-11:30			1.16396	10-07-18 09:48	270	Other	NA	Electronic	1.16396	1.16425
EURCHFmicro	10-07-18	11:32-13:30			1.16439	10-07-18 11:32	1000	Other	NA	Electronic	1.16416	1.16439
EURCHFmicro	10-07-18	13:32-15:30			1.16468	10-07-18 13:33	10	Other	NA	Electronic	1.16441	1.16469
EURCHFmicro	10-07-18	15:30-15:32	1.16457	20								
EURCHFmicro	11-07-18	09:32-11:30			1.16361	11-07-18 09:36	100	Other	NA	Electronic	1.16361	1.16388
EURCHFmicro	11-07-18	11:32-13:30			1.16459	11-07-18 11:34	900	Other	NA	Electronic	1.16459	1.16486
EURCHFmicro	11-07-18	13:30-13:32	1.1644	780								
EURCHFmicro	11-07-18	15:32-17:30			1.16432	11-07-18 15:35	140	Other	NA	Electronic	1.16432	1.16459

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EURCHFmicro	12-07-18	09:32-11:30			1.16429	12-07-18 09:37	100	Other	NA	Electronic	1.16404	1.1643
EURCHFmicro	12-07-18	11:32-13:30			1.1641	12-07-18 11:33	10	Other	NA	Electronic	1.16386	1.1641
EURCHFmicro	12-07-18	13:30-13:32	1.1687	25370								
EURCHFmicro	12-07-18	15:30-15:32	1.17005	22100								
EURCHFmicro	13-07-18	09:30-09:32	1.16748	46960								
EURCHFmicro	13-07-18	11:32-13:30			1.16953	13-07-18 11:32	3000	Other	NA	Electronic	1.16927	1.16953
EURCHFmicro	13-07-18	13:32-15:30			1.17026	13-07-18 13:34	5000	Other	NA	Electronic	1.17001	1.17026
EURCHFmicro	13-07-18	15:30-15:32	1.17076	1000								
EURCHFmicro	16-07-18	09:32-11:30			1.17002	16-07-18 09:32	50	Other	NA	Electronic	1.17002	1.17028
EURCHFmicro	16-07-18	11:30-11:32	1.16945	20								
EURCHFmicro	16-07-18	13:32-15:30			1.16864	16-07-18 13:32	4000	Other	NA	Electronic	1.16864	1.16892
EURCHFmicro	16-07-18	15:30-15:32	1.16839	20								
EURCHFmicro	17-07-18	09:30-09:32	1.16759	30								
EURCHFmicro	17-07-18	11:32-13:30			1.16502	17-07-18 11:34	640	Other	NA	Electronic	1.16474	1.16502
EURCHFmicro	17-07-18	13:32-15:30			1.1652	17-07-18 13:32	4000	Other	NA	Electronic	1.16494	1.1652

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EURCHFmicro	17-07-18	15:30-15:32	1.16654	20000								
EURCHFmicro	18-07-18	09:30-09:32	1.16424	100								
EURCHFmicro	18-07-18	11:30-11:32	1.16187	2060								
EURCHFmicro	18-07-18	13:30-13:32	1.16226	2030								
EURCHFmicro	18-07-18	15:30-15:32	1.16386	200								
EURCHFmicro	19-07-18	09:32-11:30			1.1625	19-07-18 09:32	10	Other	NA	Electronic	1.16221	1.16246
EURCHFmicro	19-07-18	11:32-13:30			1.16232	19-07-18 11:37	100	Other	NA	Electronic	1.16202	1.1623
EURCHFmicro	19-07-18	13:32-15:30			1.16335	19-07-18 13:35	20	Other	NA	Electronic	1.16308	1.16335
EURCHFmicro	19-07-18	15:32-17:30			1.16229	19-07-18 15:33	20	Other	NA	Electronic	1.16229	1.16255
EURCHFmicro	20-07-18	09:32-11:30			1.16398	20-07-18 09:34	1300	Other	NA	Electronic	1.16372	1.16398
EURCHFmicro	20-07-18	11:32-13:30			1.16321	20-07-18 12:01	20	Other	NA	Electronic	1.16293	1.16319
EURCHFmicro	20-07-18	13:30-13:32	1.16503	630								
EURCHFmicro	20-07-18	15:32-17:30			1.16491	20-07-18 15:34	200	Other	NA	Electronic	1.16491	1.16518
EURCHFmicro	23-07-18	09:32-11:30			1.1605	23-07-18 09:33	2500	Other	NA	Electronic	1.1605	1.16077
EURCHFmicro	23-07-18	11:32-13:30			1.1614	23-07-18 11:32	600	Other	NA	Electronic	1.1614	1.16167

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EURCHFmicro	23-07-18	13:32-15:30			1.16095	23-07-18 13:39	300	Other	NA	Electronic	1.16095	1.16122
EURCHFmicro	23-07-18	15:30-15:32	1.16154	1010								
EURCHFmicro	24-07-18	09:32-11:30			1.16172	24-07-18 09:33	5000	Other	NA	Electronic	1.16172	1.16198
EURCHFmicro	24-07-18	11:30-11:32	1.1623	60								
EURCHFmicro	24-07-18	13:32-15:30			1.16231	24-07-18 13:32	100	Other	NA	Electronic	1.16231	1.16258
EURCHFmicro	24-07-18	15:32-17:30			1.16188	24-07-18 15:37	50	Other	NA	Electronic	1.16164	1.16188
EURCHFmicro	25-07-18	09:30-09:32	1.16003	6120								
EURCHFmicro	25-07-18	11:32-13:30			1.16	25-07-18 11:34	1500	Other	NA	Electronic	1.15974	1.16
EURCHFmicro	25-07-18	13:32-15:30			1.1613	25-07-18 13:43	60	Other	NA	Electronic	1.16129	1.16154
EURCHFmicro	25-07-18	15:30-15:32	1.16026	3000								
EURCHFmicro	26-07-18	09:32-11:30			1.16338	26-07-18 09:35	50	Other	NA	Electronic	1.16312	1.16338
EURCHFmicro	26-07-18	11:30-11:32	1.16272	500								
EURCHFmicro	26-07-18	13:30-13:32	1.16053	12720								
EURCHFmicro	26-07-18	15:32-17:30			1.15828	26-07-18 15:54	10000	Other	NA	Electronic	1.15802	1.15828
EURCHFmicro	27-07-18	09:32-11:30			1.15951	27-07-18 09:34	100	Other	NA	Electronic	1.15923	1.15951

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EURCHFmicro	27-07-18	11:30-11:32	1.15947	10								
EURCHFmicro	27-07-18	13:30-13:32	1.15994	110								
EURCHFmicro	27-07-18	15:32-17:30			1.15851	27-07-18 15:33	130	Other	NA	Electronic	1.15851	1.15877
EURCHFmicro	30-07-18	09:32-11:30			1.15984	30-07-18 09:41	1000	Other	NA	Electronic	1.15984	1.16011
EURCHFmicro	30-07-18	11:32-13:30			1.15926	30-07-18 11:32	250	Other	NA	Electronic	1.15926	1.15951
EURCHFmicro	30-07-18	13:32-15:30			1.15945	30-07-18 13:38	80000	Other	NA	Electronic	1.15923	1.15946
EURCHFmicro	30-07-18	15:32-17:30			1.15773	30-07-18 15:38	500	Other	NA	Electronic	1.15773	1.158
EURCHFmicro	31-07-18	09:30-09:32	1.15874	2650								
EURCHFmicro	31-07-18	11:30-11:32	1.15958	430								
EURCHFmicro	31-07-18	13:32-15:30			1.15925	31-07-18 13:40	130	Other	NA	Electronic	1.15898	1.15925
EURCHFmicro	31-07-18	15:32-17:30			1.15792	31-07-18 15:37	50	Other	NA	Electronic	1.15792	1.15818
EURCHFmicro	01-08-18	09:30-09:32	1.15881	100								
EURCHFmicro	01-08-18	11:32-13:30			1.15825	01-08-18 11:32	100	Other	NA	Electronic	1.15798	1.15825
EURCHFmicro	01-08-18	13:32-15:30			1.15924	01-08-18 13:40	700	Other	NA	Electronic	1.15897	1.15924
EURCHFmicro	01-08-18	15:32-17:30			1.15831	01-08-18 15:32	100	Other	NA	Electronic	1.15804	1.15831

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EURCHFmicro	02-08-18	09:30-09:32	1.15517	100								
EURCHFmicro	02-08-18	11:30-11:32	1.1545	10								
EURCHFmicro	02-08-18	13:32-15:30			1.15524	02-08-18 14:00	30	Other	NA	Electronic	1.15525	1.1556
EURCHFmicro	02-08-18	15:32-17:30			1.15465	02-08-18 15:50	100	Other	NA	Electronic	1.15465	1.15492
EURCHFmicro	03-08-18	09:32-11:30			1.15204	03-08-18 09:53	1000	Other	NA	Electronic	1.15204	1.15231
EURCHFmicro	03-08-18	11:30-11:32	1.15308	90								
EURCHFmicro	03-08-18	13:32-15:30			1.15123	03-08-18 13:32	150	Other	NA	Electronic	1.15097	1.15125
EURCHFmicro	03-08-18	15:32-17:30			1.15116	03-08-18 15:38	100	Other	NA	Electronic	1.1509	1.15116
EURCHFmicro	06-08-18	09:30-09:32	1.1511	2000								
EURCHFmicro	06-08-18	11:32-13:30			1.15133	06-08-18 12:00	100	Other	NA	Electronic	1.15111	1.15134
EURCHFmicro	06-08-18	13:30-13:32	1.15228	10								
EURCHFmicro	06-08-18	15:30-15:32	1.15242	10								
EURCHFmicro	07-08-18	09:32-11:30			1.15344	07-08-18 09:34	300	Other	NA	Electronic	1.15344	1.15369
EURCHFmicro	07-08-18	11:30-11:32	1.15302	10								
EURCHFmicro	07-08-18	13:32-15:30			1.15323	07-08-18 13:32	600	Other	NA	Electronic	1.15296	1.15323

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURCHFmicro	07-08-18	15:32-17:30			1.15362	07-08-18 15:47	100	Other	NA	Electronic	1.15338	1.15362
EURCHFmicro	08-08-18	09:32-11:30			1.15432	08-08-18 09:40	300	Other	NA	Electronic	1.15406	1.15433
EURCHFmicro	08-08-18	11:32-13:30			1.15433	08-08-18 12:09	50	Other	NA	Electronic	1.15433	1.15459
EURCHFmicro	08-08-18	13:32-15:30			1.15428	08-08-18 13:43	100	Other	NA	Electronic	1.15428	1.15453
EURCHFmicro	08-08-18	15:32-17:30			1.15354	08-08-18 15:56	40	Other	NA	Electronic	1.15323	1.15354
EURCHFmicro	09-08-18	09:32-11:30			1.15249	09-08-18 09:33	100	Other	NA	Electronic	1.15224	1.15249
EURCHFmicro	09-08-18	11:30-11:32	1.15155	150								
EURCHFmicro	09-08-18	13:30-13:32	1.14989	100								
EURCHFmicro	09-08-18	15:32-17:30			1.14562	09-08-18 15:35	500	Other	NA	Electronic	1.14562	1.1459
EURCHFmicro	10-08-18	09:30-09:32	1.14013	300								
EURCHFmicro	10-08-18	11:32-13:30			1.13955	10-08-18 11:36	100	Other	NA	Electronic	1.13928	1.13955
EURCHFmicro	10-08-18	13:30-13:32	1.13537	24010								
EURCHFmicro	10-08-18	15:30-15:32	1.13524	4100								
EURCHFmicro	13-08-18	09:32-11:30			1.13281	13-08-18 09:34	20	Other	NA	Electronic	1.13281	1.13307
EURCHFmicro	13-08-18	11:32-13:30			1.13098	13-08-18 11:33	100	Other	NA	Electronic	1.13098	1.13124



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EURCHFmicro	13-08-18	13:32-15:30			1.13528	13-08-18 13:37	100	Other	NA	Electronic	1.13528	1.13553
EURCHFmicro	13-08-18	15:30-15:32	1.13336	400								
EURCHFmicro	14-08-18	09:30-09:32	1.12972	340								
EURCHFmicro	14-08-18	11:30-11:32	1.12959	500								
EURCHFmicro	14-08-18	13:32-15:30			1.12877	14-08-18 13:37	10	Other	NA	Electronic	1.12854	1.12877
EURCHFmicro	14-08-18	15:30-15:32	1.12735	20								
EURCHFmicro	15-08-18	09:32-11:30			1.13019	15-08-18 09:41	2000	Other	NA	Electronic	1.12993	1.13019
EURCHFmicro	15-08-18	11:30-11:32	1.12812	120								
EURCHFmicro	15-08-18	13:32-15:30			1.12822	15-08-18 13:32	200	Other	NA	Electronic	1.12822	1.12848
EURCHFmicro	15-08-18	15:32-17:30			1.12575	15-08-18 15:32	10	Other	NA	Electronic	1.12575	1.12604
EURCHFmicro	16-08-18	09:32-11:30			1.12958	16-08-18 10:00	1000	Other	NA	Electronic	1.12933	1.12958
EURCHFmicro	16-08-18	11:30-11:32	1.13009	350								
EURCHFmicro	16-08-18	13:30-13:32	1.13138	4050								
EURCHFmicro	16-08-18	15:30-15:32	1.13356	10								
EURCHFmicro	17-08-18	09:30-09:32	1.13501	170								

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EURCHFmicro	17-08-18	11:32-13:30			1.1346	17-08-18 11:57	100	Other	NA	Electronic	1.13435	1.1346
EURCHFmicro	17-08-18	13:30-13:32	1.135	10								
EURCHFmicro	17-08-18	15:32-17:30			1.13473	17-08-18 15:37	1000	Other	NA	Electronic	1.13473	1.13498
EURCHFmicro	20-08-18	09:32-11:30			1.1365	20-08-18 09:40	1000	Other	NA	Electronic	1.1365	1.13676
EURCHFmicro	20-08-18	11:32-13:30			1.13623	20-08-18 11:40	1000	Other	NA	Electronic	1.13623	1.13648
EURCHFmicro	20-08-18	13:32-15:30			1.13623	20-08-18 13:39	50	Other	NA	Electronic	1.13596	1.13623
EURCHFmicro	20-08-18	15:30-15:32	1.13743	120								
EURCHFmicro	21-08-18	09:32-11:30			1.13788	21-08-18 09:34	70	Other	NA	Electronic	1.13762	1.13788
EURCHFmicro	21-08-18	11:32-13:30			1.13793	21-08-18 11:40	20	Other	NA	Electronic	1.13767	1.13793
EURCHFmicro	21-08-18	13:32-15:30			1.13617	21-08-18 13:42	100	Other	NA	Electronic	1.13617	1.13643
EURCHFmicro	21-08-18	15:32-17:30			1.13834	21-08-18 15:32	10	Other	NA	Electronic	1.13859	1.13885
EURCHFmicro	22-08-18	09:32-11:30			1.13928	22-08-18 09:35	20	Other	NA	Electronic	1.13928	1.13951
EURCHFmicro	22-08-18	11:32-13:30			1.14035	22-08-18 11:34	12000	Other	NA	Electronic	1.1401	1.14035
EURCHFmicro	22-08-18	13:32-15:30			1.13951	22-08-18 13:47	10	Other	NA	Electronic	1.13925	1.13951
EURCHFmicro	22-08-18	15:32-17:30			1.14017	22-08-18 15:52	200	Other	NA	Electronic	1.14017	1.14043

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EURCHFmicro	23-08-18	09:32-11:30			1.13683	23-08-18 09:33	100	Other	NA	Electronic	1.13683	1.13707
EURCHFmicro	23-08-18	11:30-11:32	1.13826	40								
EURCHFmicro	23-08-18	13:32-15:30			1.13953	23-08-18 13:50	300	Other	NA	Electronic	1.13953	1.1398
EURCHFmicro	23-08-18	15:30-15:32	1.13936	20								
EURCHFmicro	24-08-18	09:30-09:32	1.13798	50								
EURCHFmicro	24-08-18	11:30-11:32	1.13989	100								
EURCHFmicro	24-08-18	13:32-15:30			1.14078	24-08-18 13:32	250	Other	NA	Electronic	1.14078	1.14103
EURCHFmicro	24-08-18	15:32-17:30			1.14268	24-08-18 15:36	10	Other	NA	Electronic	1.14241	1.14268
EURCHFmicro	27-08-18	09:32-11:30			1.14145	27-08-18 09:59	110	Other	NA	Electronic	1.14145	1.1417
EURCHFmicro	27-08-18	11:32-13:30			1.14214	27-08-18 11:38	100	Other	NA	Electronic	1.14214	1.1424
EURCHFmicro	27-08-18	13:30-13:32	1.14335	430								
EURCHFmicro	27-08-18	15:32-17:30			1.14397	27-08-18 15:48	10	Other	NA	Electronic	1.14397	1.14421
EURCHFmicro	28-08-18	09:32-11:30			1.14299	28-08-18 09:47	10	Other	NA	Electronic	1.14273	1.14299
EURCHFmicro	28-08-18	11:32-13:30			1.14312	28-08-18 12:01	1000	Other	NA	Electronic	1.14288	1.14312
EURCHFmicro	28-08-18	13:32-15:30			1.14321	28-08-18 13:37	400	Other	NA	Electronic	1.14321	1.14347

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EURCHFmicro	28-08-18	15:32-17:30			1.14308	28-08-18 15:33	100	Other	NA	Electronic	1.14281	1.14308
EURCHFmicro	29-08-18	09:32-11:30			1.13934	29-08-18 09:35	500	Other	NA	Electronic	1.13934	1.13961
EURCHFmicro	29-08-18	11:32-13:30			1.13958	29-08-18 11:39	80	Other	NA	Electronic	1.13932	1.13958
EURCHFmicro	29-08-18	13:30-13:32	1.13707	5000								
EURCHFmicro	29-08-18	15:32-17:30			1.13829	29-08-18 15:32	50	Other	NA	Electronic	1.13803	1.13829
EURCHFmicro	30-08-18	09:32-11:30			1.1343	30-08-18 09:33	500	Other	NA	Electronic	1.13404	1.1343
EURCHFmicro	30-08-18	11:30-11:32	1.13462	2500								
EURCHFmicro	30-08-18	13:30-13:32	1.13135	102740								
EURCHFmicro	30-08-18	15:32-17:30			1.13086	30-08-18 15:40	10	Other	NA	Electronic	1.13062	1.13086
EURCHFmicro	31-08-18	09:30-09:32	1.12819	220								
EURCHFmicro	31-08-18	11:30-11:32	1.12728	30								
EURCHFmicro	31-08-18	13:32-15:30			1.12724	31-08-18 13:34	3000	Other	NA	Electronic	1.12698	1.12724
EURCHFmicro	31-08-18	15:32-17:30			1.12517	31-08-18 15:36	570	Other	NA	Electronic	1.12517	1.12542
EURCHFmicro	03-09-18	09:30-09:32	1.12609	330								
EURCHFmicro	03-09-18	11:30-11:32	1.1263	1000								

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EURCHFmicro	03-09-18	13:32-15:30			1.12573	03-09-18 13:52	200	Other	NA	Electronic	1.12548	1.12573
EURCHFmicro	03-09-18	15:32-17:30			1.12596	03-09-18 16:17	100	Other	NA	Electronic	1.12567	1.12596
EURCHFmicro	04-09-18	09:30-09:32	1.12571	160								
EURCHFmicro	04-09-18	11:32-13:30			1.1262	04-09-18 11:43	1000	Other	NA	Electronic	1.12594	1.1262
EURCHFmicro	04-09-18	13:32-15:30			1.12624	04-09-18 13:34	10	Other	NA	Electronic	1.126	1.12624
EURCHFmicro	04-09-18	15:30-15:32	1.12797	1100								
EURCHFmicro	05-09-18	09:30-09:32	1.12812	100								
EURCHFmicro	05-09-18	11:30-11:32	1.12856	120								
EURCHFmicro	05-09-18	13:30-13:32	1.13066	100								
EURCHFmicro	05-09-18	15:30-15:32	1.12816	10								
EURCHFmicro	06-09-18	09:32-11:30			1.12768	06-09-18 09:39	20	Other	NA	Electronic	1.12743	1.12768
EURCHFmicro	06-09-18	11:32-13:30			1.12749	06-09-18 11:46	4000	Other	NA	Electronic	1.12749	1.12774
EURCHFmicro	06-09-18	13:30-13:32	1.12659	100								
EURCHFmicro	06-09-18	15:32-17:30			1.12543	06-09-18 15:34	320	Other	NA	Electronic	1.12543	1.12568
EURCHFmicro	07-09-18	09:32-11:30			1.12389	07-09-18 09:41	410	Other	NA	Electronic	1.12389	1.12414

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EURCHFmicro	07-09-18	11:30-11:32	1.12101	240								
EURCHFmicro	07-09-18	13:32-15:30			1.11961	07-09-18 13:37	200	Other	NA	Electronic	1.11934	1.11961
EURCHFmicro	07-09-18	15:32-17:30			1.12097	07-09-18 15:36	470	Other	NA	Electronic	1.12097	1.12122
EURCHFmicro	10-09-18	09:30-09:32	1.12594	500								
EURCHFmicro	10-09-18	11:30-11:32	1.1274	100								
EURCHFmicro	10-09-18	13:30-13:32	1.12937	300								
EURCHFmicro	10-09-18	15:32-17:30			1.12976	10-09-18 15:35	250	Other	NA	Electronic	1.12976	1.13003
EURCHFmicro	11-09-18	09:30-09:32	1.13127	1120								
EURCHFmicro	11-09-18	11:30-11:32	1.12793	140								
EURCHFmicro	11-09-18	13:32-15:30			1.12767	11-09-18 13:32	10	Other	NA	Electronic	1.12767	1.12793
EURCHFmicro	11-09-18	15:30-15:32	1.12892	130								
EURCHFmicro	12-09-18	09:32-11:30			1.12842	12-09-18 09:47	50	Other	NA	Electronic	1.12816	1.12842
EURCHFmicro	12-09-18	11:30-11:32	1.12802	100								
EURCHFmicro	12-09-18	13:32-15:30			1.12762	12-09-18 13:35	250	Other	NA	Electronic	1.12762	1.12787
EURCHFmicro	12-09-18	15:30-15:32	1.1303	300								

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EURCHFmicro	13-09-18	09:32-11:30			1.12678	13-09-18 09:33	510	Other	NA	Electronic	1.12678	1.12703
EURCHFmicro	13-09-18	11:32-13:30			1.12678	13-09-18 11:33	1000	Other	NA	Electronic	1.12678	1.12705
EURCHFmicro	13-09-18	13:32-15:30			1.12963	13-09-18 13:34	130	Other	NA	Electronic	1.12937	1.12963
EURCHFmicro	13-09-18	15:30-15:32	1.13013	4000								
EURCHFmicro	14-09-18	09:32-11:30			1.12811	14-09-18 09:32	10	Other	NA	Electronic	1.12811	1.12838
EURCHFmicro	14-09-18	11:30-11:32	1.12767	100								
EURCHFmicro	14-09-18	13:30-13:32	1.12715	440								
EURCHFmicro	14-09-18	15:32-17:30			1.12722	14-09-18 15:44	100	Other	NA	Electronic	1.12695	1.12722
EURCHFmicro	17-09-18	09:32-11:30			1.12404	17-09-18 09:34	5010	Other	NA	Electronic	1.12379	1.12404
EURCHFmicro	17-09-18	11:32-13:30			1.12414	17-09-18 11:44	300	Other	NA	Electronic	1.12414	1.12439
EURCHFmicro	17-09-18	13:30-13:32	1.12546	20								
EURCHFmicro	17-09-18	15:32-17:30			1.12487	17-09-18 15:53	50	Other	NA	Electronic	1.12463	1.12487
EURCHFmicro	18-09-18	09:30-09:32	1.12253	1060								
EURCHFmicro	18-09-18	11:32-13:30			1.12441	18-09-18 11:38	20	Other	NA	Electronic	1.12441	1.12467
EURCHFmicro	18-09-18	13:30-13:32	1.12516	100								

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EURCHFmicro	18-09-18	15:32-17:30			1.12459	18-09-18 15:32	3000	Other	NA	Electronic	1.12459	1.12484
EURCHFmicro	19-09-18	09:30-09:32	1.12973	500								
EURCHFmicro	19-09-18	11:30-11:32	1.13147	1100								
EURCHFmicro	19-09-18	13:32-15:30			1.13116	19-09-18 13:35	100	Other	NA	Electronic	1.13091	1.13116
EURCHFmicro	19-09-18	15:32-17:30			1.13	19-09-18 15:34	3000	Other	NA	Electronic	1.12973	1.13
EURCHFmicro	20-09-18	09:32-11:30			1.13071	20-09-18 09:32	130	Other	NA	Electronic	1.13071	1.13095
EURCHFmicro	20-09-18	11:30-11:32	1.13197	1550								
EURCHFmicro	20-09-18	13:32-15:30			1.13194	20-09-18 13:32	100	Other	NA	Electronic	1.13167	1.13194
EURCHFmicro	20-09-18	15:32-17:30			1.12943	20-09-18 15:35	1000	Other	NA	Electronic	1.12943	1.12969
EURCHFmicro	21-09-18	09:30-09:32	1.12517	1310								
EURCHFmicro	21-09-18	11:32-13:30			1.12478	21-09-18 11:34	100	Other	NA	Electronic	1.12478	1.12505
EURCHFmicro	21-09-18	13:32-15:30			1.12427	21-09-18 13:37	10	Other	NA	Electronic	1.12401	1.12427
EURCHFmicro	21-09-18	15:30-15:32	1.127	830								
EURCHFmicro	24-09-18	09:32-11:30			1.12865	24-09-18 09:36	300	Other	NA	Electronic	1.12839	1.12865
EURCHFmicro	24-09-18	11:32-13:30			1.1281	24-09-18 11:42	100	Other	NA	Electronic	1.1281	1.12837



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EURCHFmicro	24-09-18	13:30-13:32	1.13143	20								
EURCHFmicro	24-09-18	15:32-17:30			1.13267	24-09-18 15:32	5000	Other	NA	Electronic	1.13242	1.13267
EURCHFmicro	25-09-18	09:32-11:30			1.13664	25-09-18 09:35	600	Other	NA	Electronic	1.13664	1.13689
EURCHFmicro	25-09-18	11:30-11:32	1.13767	370								
EURCHFmicro	25-09-18	13:32-15:30			1.13787	25-09-18 13:42	290	Other	NA	Electronic	1.13787	1.13812
EURCHFmicro	25-09-18	15:32-17:30			1.13574	25-09-18 15:35	300	Other	NA	Electronic	1.1355	1.13574
EURCHFmicro	26-09-18	09:30-09:32	1.13648	330								
EURCHFmicro	26-09-18	11:30-11:32	1.13729	900								
EURCHFmicro	26-09-18	13:30-13:32	1.13712	1350								
EURCHFmicro	26-09-18	15:32-17:30			1.13777	26-09-18 15:40	1000	Other	NA	Electronic	1.13777	1.13803
EURCHFmicro	27-09-18	09:30-09:32	1.13485	10								
EURCHFmicro	27-09-18	11:30-11:32	1.1373	890								
EURCHFmicro	27-09-18	13:30-13:32	1.13794	4610								
EURCHFmicro	27-09-18	15:30-15:32	1.14001	20								
EURCHFmicro	28-09-18	09:30-09:32	1.13236	600								

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EURCHFmicro	28-09-18	11:30-11:32	1.13182	1000								
EURCHFmicro	28-09-18	13:32-15:30			1.13096	28-09-18 13:32	21210	Other	NA	Electronic	1.13096	1.13122
EURCHFmicro	28-09-18	15:30-15:32	1.13422	430								
EURDKK	02-07-18	13:32-15:30			7.45208	02-07-18 14:42	5000	Other	NA	Electronic	7.44968	7.45208
EURDKK	02-07-18	15:32-17:30			7.45275	02-07-18 16:55	1000	Other	NA	Electronic	7.45015	7.45275
EURDKK	03-07-18	09:32-11:30			7.44965	03-07-18 09:47	2000	Other	NA	Electronic	7.44965	7.4521
EURDKK	03-07-18	11:32-13:30			7.4522	03-07-18 12:34	5000	Other	NA	Electronic	7.4498	7.4522
EURDKK	03-07-18	13:32-15:30			7.452	03-07-18 13:52	4000	Other	NA	Electronic	7.44965	7.452
EURDKK	04-07-18	13:32-15:30			7.45088	04-07-18 14:46	5000	Other	NA	Electronic	7.44831	7.45088
EURDKK	05-07-18	09:32-11:30			7.45106	05-07-18 09:52	5000	Other	NA	Electronic	7.44859	7.45106
EURDKK	05-07-18	13:32-15:30			7.4499	05-07-18 14:49	10000	Other	NA	Electronic	7.4499	7.45245
EURDKK	05-07-18	15:32-17:30			7.45073	05-07-18 15:50	1000	Other	NA	Electronic	7.45073	7.45319
EURDKK	06-07-18	09:32-11:30			7.45347	06-07-18 11:00	1000	Other	NA	Electronic	7.45105	7.45347
EURDKK	06-07-18	11:32-13:30			7.4517	06-07-18 12:34	1000	Other	NA	Electronic	7.4517	7.4541
EURDKK	06-07-18	13:32-15:30			7.45414	06-07-18 15:19	20000	Other	NA	Electronic	7.45153	7.45414

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURDKK	06-07-18	15:32-17:30			7.4522	06-07-18 16:53	4000	Other	NA	Electronic	7.4522	7.45485
EURDKK	09-07-18	13:32-15:30			7.45225	09-07-18 14:35	2000	Other	NA	Electronic	7.45224	7.45465
EURDKK	11-07-18	13:32-15:30			7.45566	11-07-18 13:47	10000	Other	NA	Electronic	7.45324	7.45566
EURDKK	11-07-18	15:32-17:30			7.45324	11-07-18 15:44	10000	Other	NA	Electronic	7.45324	7.45561
EURDKK	12-07-18	11:32-13:30			7.45648	12-07-18 12:23	1000	Other	NA	Electronic	7.45399	7.45648
EURDKK	12-07-18	13:32-15:30			7.45678	12-07-18 14:27	1000	Other	NA	Electronic	7.45402	7.45678
EURDKK	13-07-18	09:32-11:30			7.4563	13-07-18 09:39	5000	Other	NA	Electronic	7.45397	7.4563
EURDKK	13-07-18	13:32-15:30			7.45334	13-07-18 14:46	5000	Other	NA	Electronic	7.45334	7.45577
EURDKK	13-07-18	15:32-17:30			7.4556	13-07-18 16:06	5000	Other	NA	Electronic	7.4531	7.4556
EURDKK	16-07-18	09:32-11:30			7.45338	16-07-18 09:46	1000	Other	NA	Electronic	7.45338	7.45603
EURDKK	17-07-18	09:32-11:30			7.45565	17-07-18 09:46	10000	Other	NA	Electronic	7.45325	7.45565
EURDKK	17-07-18	11:32-13:30			7.45272	17-07-18 12:17	30000	Other	NA	Electronic	7.45272	7.45511
EURDKK	17-07-18	13:32-15:30			7.45491	17-07-18 13:45	30000	Other	NA	Electronic	7.4525	7.45491
EURDKK	18-07-18	09:32-11:30			7.4559	18-07-18 11:09	5000	Other	NA	Electronic	7.45345	7.4559
EURDKK	18-07-18	11:32-13:30			7.45285	18-07-18 12:36	1000	Other	NA	Electronic	7.45285	7.45535

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURDKK	18-07-18	13:30-13:32	7.4546	30000								
EURDKK	19-07-18	13:32-15:30			7.4541	19-07-18 13:32	1000	Other	NA	Electronic	7.4515	7.4541
EURDKK	20-07-18	09:32-11:30			7.4532	20-07-18 10:49	100000	Other	NA	Electronic	7.4507	7.4532
EURDKK	20-07-18	13:32-15:30			7.45233	20-07-18 13:46	5000	Other	NA	Electronic	7.4499	7.45233
EURDKK	23-07-18	13:32-15:30			7.45163	23-07-18 14:04	1000	Other	NA	Electronic	7.44924	7.45163
EURDKK	23-07-18	15:32-17:30			7.4491	23-07-18 15:51	1000	Other	NA	Electronic	7.4491	7.45165
EURDKK	25-07-18	13:32-15:30			7.45009	25-07-18 14:37	8000	Other	NA	Electronic	7.45009	7.45255
EURDKK	25-07-18	15:30-15:32	7.45265	50000								
EURDKK	26-07-18	09:32-11:30			7.45284	26-07-18 09:45	2000	Other	NA	Electronic	7.4504	7.45284
EURDKK	26-07-18	13:32-15:30			7.44975	26-07-18 15:24	2000	Other	NA	Electronic	7.44975	7.45245
EURDKK	26-07-18	15:32-17:30			7.4522	26-07-18 16:03	2000	Other	NA	Electronic	7.44929	7.4522
EURDKK	27-07-18	09:32-11:30			7.45175	27-07-18 10:19	13000	Other	NA	Electronic	7.44935	7.45175
EURDKK	27-07-18	11:32-13:30			7.44815	27-07-18 12:50	10000	Other	NA	Electronic	7.44815	7.45058
EURDKK	27-07-18	13:32-15:30			7.44769	27-07-18 14:55	2000	Other	NA	Electronic	7.44769	7.4501
EURDKK	30-07-18	13:32-15:30			7.44762	30-07-18 14:53	10000	Other	NA	Electronic	7.44762	7.45006

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EURDKK	31-07-18	13:32-15:30			7.44848	31-07-18 13:50	1000	Other	NA	Electronic	7.44848	7.45091
EURDKK	01-08-18	09:32-11:30			7.4527	01-08-18 11:17	5000	Other	NA	Electronic	7.45011	7.4527
EURDKK	01-08-18	11:32-13:30			7.45002	01-08-18 12:16	1000	Other	NA	Electronic	7.45002	7.45265
EURDKK	01-08-18	13:32-15:30			7.45011	01-08-18 13:46	5000	Other	NA	Electronic	7.45011	7.45256
EURDKK	02-08-18	11:32-13:30			7.45289	02-08-18 12:39	1000	Other	NA	Electronic	7.45047	7.45289
EURDKK	03-08-18	09:32-11:30			7.45326	03-08-18 09:34	10000	Other	NA	Electronic	7.45074	7.45326
EURDKK	06-08-18	09:32-11:30			7.45102	06-08-18 10:06	1000	Other	NA	Electronic	7.45102	7.45353
EURDKK	06-08-18	15:32-17:30			7.45329	06-08-18 15:34	1000	Other	NA	Electronic	7.45079	7.45329
EURDKK	07-08-18	11:32-13:30			7.45073	07-08-18 12:17	5000	Other	NA	Electronic	7.45073	7.45324
EURDKK	09-08-18	13:32-15:30			7.45785	09-08-18 13:42	1000	Other	NA	Electronic	7.45534	7.45785
EURDKK	10-08-18	11:32-13:30			7.45545	10-08-18 13:21	1000	Other	NA	Electronic	7.45294	7.45545
EURDKK	13-08-18	09:32-11:30			7.45481	13-08-18 11:24	2000	Other	NA	Electronic	7.4523	7.45481
EURDKK	14-08-18	11:32-13:30			7.45581	14-08-18 13:25	1000	Other	NA	Electronic	7.45331	7.45581
EURDKK	14-08-18	13:32-15:30			7.4542	14-08-18 14:34	1000	Other	NA	Electronic	7.4542	7.45672
EURDKK	15-08-18	09:32-11:30			7.4561	15-08-18 10:51	1000	Other	NA	Electronic	7.4561	7.45862

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EURDKK	16-08-18	15:32-17:30			7.45827	16-08-18 15:51	2000	Other	NA	Electronic	7.45576	7.45827
EURDKK	20-08-18	11:32-13:30			7.45749	20-08-18 11:46	1000	Other	NA	Electronic	7.45749	7.46
EURDKK	21-08-18	09:32-11:30			7.45974	21-08-18 11:08	20000	Other	NA	Electronic	7.45724	7.45974
EURDKK	21-08-18	11:32-13:30			7.45685	21-08-18 12:49	1000	Other	NA	Electronic	7.45685	7.45937
EURDKK	21-08-18	13:32-15:30			7.45789	21-08-18 15:06	1000	Other	NA	Electronic	7.45789	7.4604
EURDKK	21-08-18	15:32-17:30			7.45825	21-08-18 17:18	20000	Other	NA	Electronic	7.45825	7.4608
EURDKK	23-08-18	09:32-11:30			7.45768	23-08-18 11:24	3000	Other	NA	Electronic	7.45768	7.46018
EURDKK	23-08-18	11:32-13:30			7.4602	23-08-18 13:07	3000	Other	NA	Electronic	7.45771	7.4602
EURDKK	24-08-18	11:30-11:32	7.45907	2000								
EURDKK	29-08-18	13:32-15:30			7.4556	29-08-18 14:35	3000	Other	NA	Electronic	7.4556	7.4581
EURDKK	29-08-18	15:32-17:30			7.45847	29-08-18 16:24	10000	Other	NA	Electronic	7.45596	7.45847
EURDKK	30-08-18	13:32-15:30			7.45742	30-08-18 15:26	3000	Other	NA	Electronic	7.45492	7.45742
EURDKK	03-09-18	09:32-11:30			7.45495	03-09-18 11:07	2000	Other	NA	Electronic	7.45243	7.45495
EURDKK	04-09-18	13:32-15:30			7.45577	04-09-18 14:51	8000	Other	NA	Electronic	7.45326	7.45577
EURDKK	05-09-18	13:32-15:30			7.45632	05-09-18 13:34	10000	Other	NA	Electronic	7.45382	7.45632

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EURDKK	07-09-18	09:32-11:30			7.45839	07-09-18 09:44	1000	Other	NA	Electronic	7.4559	7.45839
EURDKK	07-09-18	13:32-15:30			7.45566	07-09-18 15:23	1000	Other	NA	Electronic	7.45566	7.45815
EURDKK	10-09-18	09:32-11:30			7.45626	10-09-18 10:51	2000	Other	NA	Electronic	7.45626	7.45875
EURDKK	10-09-18	11:32-13:30			7.4594	10-09-18 13:07	2000	Other	NA	Electronic	7.45691	7.4594
EURDKK	10-09-18	15:32-17:30			7.45753	10-09-18 17:01	2000	Other	NA	Electronic	7.45753	7.46008
EURDKK	12-09-18	11:32-13:30			7.46054	12-09-18 11:46	1000	Other	NA	Electronic	7.45805	7.46054
EURDKK	12-09-18	13:32-15:30			7.46031	12-09-18 15:22	2000	Other	NA	Electronic	7.45782	7.46031
EURDKK	14-09-18	11:32-13:30			7.46093	14-09-18 13:27	1000	Other	NA	Electronic	7.45844	7.46093
EURDKK	14-09-18	15:32-17:30			7.46134	14-09-18 15:54	1000	Other	NA	Electronic	7.45886	7.46134
EURDKK	17-09-18	11:32-13:30			7.45812	17-09-18 12:06	1000	Other	NA	Electronic	7.45812	7.46061
EURDKK	18-09-18	15:32-17:30			7.46149	18-09-18 16:28	10000	Other	NA	Electronic	7.459	7.46149
EURDKK	20-09-18	11:32-13:30			7.4579	20-09-18 11:59	1000	Other	NA	Electronic	7.4579	7.46042
EURDKK	20-09-18	13:32-15:30			7.45765	20-09-18 14:16	3000	Other	NA	Electronic	7.45765	7.46017
EURDKK	20-09-18	15:32-17:30			7.45961	20-09-18 17:01	1000	Other	NA	Electronic	7.45693	7.45961
EURDKK	21-09-18	15:32-17:30			7.45868	21-09-18 17:10	1000	Other	NA	Electronic	7.45868	7.4612

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EURDKK	24-09-18	09:32-11:30			7.45876	24-09-18 10:06	1000	Other	NA	Electronic	7.45876	7.46126
EURDKK	24-09-18	13:32-15:30			7.45838	24-09-18 13:55	1000	Other	NA	Electronic	7.45838	7.46087
EURDKK	24-09-18	15:32-17:30			7.45833	24-09-18 17:24	10000	Other	NA	Electronic	7.45833	7.4609
EURDKK	25-09-18	11:32-13:30			7.46065	25-09-18 13:26	2000	Other	NA	Electronic	7.45821	7.46065
EURDKK	25-09-18	13:32-15:30			7.45793	25-09-18 13:51	2000	Other	NA	Electronic	7.45793	7.46044
EURDKK	26-09-18	13:32-15:30			7.45969	26-09-18 13:52	1000	Other	NA	Electronic	7.4572	7.45969
EURDKK	27-09-18	09:32-11:30			7.45918	27-09-18 10:25	1000	Other	NA	Electronic	7.45668	7.45918
EURDKK	27-09-18	11:32-13:30			7.46033	27-09-18 12:03	15000	Other	NA	Electronic	7.45783	7.46033
EURDKK	27-09-18	13:32-15:30			7.45909	27-09-18 15:22	1000	Other	NA	Electronic	7.4566	7.45909
EURDKK	27-09-18	15:32-17:30			7.45906	27-09-18 16:25	1000	Other	NA	Electronic	7.45657	7.45906
EURDKK	28-09-18	13:32-15:30			7.45505	28-09-18 13:43	24000	Other	NA	Electronic	7.45505	7.45754
EURDKK.	04-07-18	09:32-11:30			7.4506	04-07-18 10:46	1000	Other	NA	Electronic	7.4506	7.4512
EURDKK.	01-08-18	11:32-13:30			7.45135	01-08-18 12:31	1000	Other	NA	Electronic	7.45135	7.45204
EURDKKmicro	03-07-18	11:32-13:30			7.45195	03-07-18 13:25	200	Other	NA	Electronic	7.4496	7.45195
EURDKKmicro	03-07-18	13:30-13:32	7.4496	200								



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EURDKKmicro	04-07-18	15:32-17:30			7.45216	04-07-18 16:43	900	Other	NA	Electronic	7.44935	7.45216
EURDKKmicro	06-07-18	09:32-11:30			7.45115	06-07-18 10:00	1000	Other	NA	Electronic	7.45115	7.45345
EURDKKmicro	06-07-18	15:32-17:30			7.45445	06-07-18 16:32	1000	Other	NA	Electronic	7.45175	7.45445
EURDKKmicro	09-07-18	13:32-15:30			7.45475	09-07-18 13:57	100	Other	NA	Electronic	7.4522	7.45475
EURDKKmicro	10-07-18	09:32-11:30			7.4545	10-07-18 09:48	10	Other	NA	Electronic	7.45205	7.4545
EURDKKmicro	10-07-18	11:32-13:30			7.45235	10-07-18 12:21	1000	Other	NA	Electronic	7.45235	7.45477
EURDKKmicro	11-07-18	09:32-11:30			7.45534	11-07-18 10:44	1000	Other	NA	Electronic	7.45259	7.45534
EURDKKmicro	12-07-18	13:32-15:30			7.45439	12-07-18 14:55	200	Other	NA	Electronic	7.45436	7.45678
EURDKKmicro	13-07-18	09:32-11:30			7.45671	13-07-18 11:24	1000	Other	NA	Electronic	7.45431	7.45671
EURDKKmicro	13-07-18	11:32-13:30			7.45671	13-07-18 12:53	100	Other	NA	Electronic	7.45436	7.45671
EURDKKmicro	16-07-18	11:32-13:30			7.45344	16-07-18 13:21	5000	Other	NA	Electronic	7.45344	7.45587
EURDKKmicro	17-07-18	15:32-17:30			7.4556	17-07-18 16:41	110	Other	NA	Electronic	7.45305	7.4556
EURDKKmicro	18-07-18	15:32-17:30			7.45244	18-07-18 15:44	10	Other	NA	Electronic	7.45244	7.45499
EURDKKmicro	23-07-18	11:32-13:30			7.4522	23-07-18 12:49	100	Other	NA	Electronic	7.44965	7.4522
EURDKKmicro	24-07-18	09:32-11:30			7.44915	24-07-18 10:11	10000	Other	NA	Electronic	7.44915	7.45155

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EURDKKmicro	24-07-18	11:32-13:30			7.45165	24-07-18 12:56	10000	Other	NA	Electronic	7.44925	7.45165
EURDKKmicro	25-07-18	15:32-17:30			7.44928	25-07-18 16:18	100	Other	NA	Electronic	7.44928	7.45209
EURDKKmicro	27-07-18	09:32-11:30			7.45174	27-07-18 11:02	170	Other	NA	Electronic	7.44935	7.45174
EURDKKmicro	30-07-18	13:32-15:30			7.4506	30-07-18 13:52	10	Other	NA	Electronic	7.44817	7.4506
EURDKKmicro	31-07-18	09:32-11:30			7.45086	31-07-18 10:55	500	Other	NA	Electronic	7.44845	7.45086
EURDKKmicro	31-07-18	11:32-13:30			7.44858	31-07-18 11:55	10000	Other	NA	Electronic	7.44858	7.45099
EURDKKmicro	31-07-18	13:32-15:30			7.4509	31-07-18 14:10	10000	Other	NA	Electronic	7.44832	7.4509
EURDKKmicro	31-07-18	15:32-17:30			7.44925	31-07-18 15:53	10	Other	NA	Electronic	7.44925	7.45167
EURDKKmicro	01-08-18	09:32-11:30			7.44963	01-08-18 09:43	10	Other	NA	Electronic	7.44963	7.45196
EURDKKmicro	01-08-18	11:32-13:30			7.45002	01-08-18 12:16	500	Other	NA	Electronic	7.45002	7.45265
EURDKKmicro	01-08-18	15:32-17:30			7.4499	01-08-18 16:15	100	Other	NA	Electronic	7.4499	7.45246
EURDKKmicro	02-08-18	13:32-15:30			7.45072	02-08-18 14:54	100	Other	NA	Electronic	7.45072	7.4532
EURDKKmicro	02-08-18	15:32-17:30			7.45099	02-08-18 15:45	10	Other	NA	Electronic	7.45099	7.4535
EURDKKmicro	03-08-18	09:32-11:30			7.45101	03-08-18 10:00	150	Other	NA	Electronic	7.45101	7.45358
EURDKKmicro	03-08-18	11:32-13:30			7.45102	03-08-18 12:41	20	Other	NA	Electronic	7.45102	7.45355

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EURDKKmicro	03-08-18	15:32-17:30			7.45248	03-08-18 16:54	100	Other	NA	Electronic	7.45248	7.45501
EURDKKmicro	08-08-18	13:32-15:30			7.45511	08-08-18 14:43	210	Other	NA	Electronic	7.45261	7.45511
EURDKKmicro	09-08-18	09:32-11:30			7.45752	09-08-18 11:03	50	Other	NA	Electronic	7.45501	7.45752
EURDKKmicro	10-08-18	09:32-11:30			7.45569	10-08-18 10:25	100	Other	NA	Electronic	7.4532	7.45569
EURDKKmicro	15-08-18	09:32-11:30			7.4586	15-08-18 11:12	50	Other	NA	Electronic	7.4561	7.4586
EURDKKmicro	16-08-18	09:32-11:30			7.45811	16-08-18 10:46	10	Other	NA	Electronic	7.45559	7.45811
EURDKKmicro	16-08-18	11:32-13:30			7.45607	16-08-18 12:13	100	Other	NA	Electronic	7.45607	7.45857
EURDKKmicro	17-08-18	09:32-11:30			7.45906	17-08-18 10:23	100	Other	NA	Electronic	7.45654	7.45906
EURDKKmicro	17-08-18	11:32-13:30			7.45651	17-08-18 12:07	20	Other	NA	Electronic	7.45651	7.45901
EURDKKmicro	20-08-18	15:32-17:30			7.45716	20-08-18 16:53	100	Other	NA	Electronic	7.45716	7.45967
EURDKKmicro	21-08-18	09:32-11:30			7.45973	21-08-18 10:28	100	Other	NA	Electronic	7.45723	7.45973
EURDKKmicro	27-08-18	09:32-11:30			7.45708	27-08-18 10:06	100	Other	NA	Electronic	7.45708	7.45958
EURDKKmicro	27-08-18	13:32-15:30			7.45955	27-08-18 14:18	200	Other	NA	Electronic	7.45705	7.45955
EURDKKmicro	28-08-18	11:32-13:30			7.4559	28-08-18 12:37	200	Other	NA	Electronic	7.4559	7.45842
EURDKKmicro	29-08-18	11:32-13:30			7.45825	29-08-18 12:50	100	Other	NA	Electronic	7.45576	7.45825

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EURDKKmicro	30-08-18	11:32-13:30			7.45565	30-08-18 11:35	100	Other	NA	Electronic	7.45565	7.45815
EURDKKmicro	03-09-18	09:32-11:30			7.45249	03-09-18 11:23	1000	Other	NA	Electronic	7.45249	7.455
EURDKKmicro	03-09-18	11:32-13:30			7.45254	03-09-18 12:46	10	Other	NA	Electronic	7.45254	7.45505
EURDKKmicro	04-09-18	13:32-15:30			7.45311	04-09-18 14:03	590	Other	NA	Electronic	7.45311	7.45562
EURDKKmicro	06-09-18	11:32-13:30			7.45783	06-09-18 12:26	50	Other	NA	Electronic	7.45534	7.45783
EURDKKmicro	06-09-18	15:32-17:30			7.45465	06-09-18 16:54	100	Other	NA	Electronic	7.45465	7.45712
EURDKKmicro	10-09-18	13:32-15:30			7.46027	10-09-18 14:59	20	Other	NA	Electronic	7.45778	7.46027
EURDKKmicro	10-09-18	15:32-17:30			7.45755	10-09-18 15:48	100	Other	NA	Electronic	7.45755	7.46005
EURDKKmicro	13-09-18	11:32-13:30			7.45825	13-09-18 11:56	100	Other	NA	Electronic	7.45825	7.46074
EURDKKmicro	13-09-18	13:32-15:30			7.46074	13-09-18 14:56	30	Other	NA	Electronic	7.45825	7.46074
EURDKKmicro	18-09-18	15:32-17:30			7.46155	18-09-18 15:35	100	Other	NA	Electronic	7.45905	7.46155
EURDKKmicro	19-09-18	13:30-13:32	7.46096	200								
EURDKKmicro	19-09-18	15:32-17:30			7.46127	19-09-18 16:33	100	Other	NA	Electronic	7.45876	7.46127
EURDKKmicro	20-09-18	09:32-11:30			7.45788	20-09-18 10:04	100	Other	NA	Electronic	7.45788	7.46042
EURDKKmicro	21-09-18	13:32-15:30			7.45805	21-09-18 14:23	100	Other	NA	Electronic	7.45805	7.46056

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EURDKKmicro	24-09-18	11:32-13:30			7.45848	24-09-18 12:37	1000	Other	NA	Electronic	7.45848	7.46097
EURDKKmicro	24-09-18	13:32-15:30			7.46079	24-09-18 15:12	1000	Other	NA	Electronic	7.45829	7.46079
EURDKKmicro	26-09-18	11:32-13:30			7.45683	26-09-18 11:39	500	Other	NA	Electronic	7.45683	7.45932
EURDKKmicro	26-09-18	15:32-17:30			7.45787	26-09-18 15:58	10	Other	NA	Electronic	7.45787	7.46037
EURDKKmicro	27-09-18	11:32-13:30			7.45983	27-09-18 13:01	1000	Other	NA	Electronic	7.45732	7.45983
EURDKKmicro	27-09-18	13:30-13:32	7.45694	1000								
EURDKKmicro	28-09-18	13:32-15:30			7.45513	28-09-18 14:40	1000	Other	NA	Electronic	7.45513	7.45762
EURDKKmicro	28-09-18	15:32-17:30			7.45572	28-09-18 15:45	10	Other	NA	Electronic	7.45572	7.45821
EURGBP	02-07-18	09:30-09:32	0.88491	5000								
EURGBP	02-07-18	11:32-13:30			0.88483	02-07-18 11:32	12000	Other	NA	Electronic	0.88462	0.88483
EURGBP	02-07-18	13:30-13:32	0.88554	5000								
EURGBP	02-07-18	15:30-15:32	0.88404	30000								
EURGBP	03-07-18	09:30-09:32	0.88415	165000								
EURGBP	03-07-18	11:30-11:32	0.88366	15000								
EURGBP	03-07-18	13:30-13:32	0.88431	7000								

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP	03-07-18	15:32-17:30			0.8839	03-07-18 15:32	1000	Other	NA	Electronic	0.8839	0.88411
EURGBP	04-07-18	09:30-09:32	0.88119	17000								
EURGBP	04-07-18	11:30-11:32	0.88157	71000								
EURGBP	04-07-18	13:30-13:32	0.8814	2000								
EURGBP	04-07-18	15:30-15:32	0.88065	5000								
EURGBP	05-07-18	09:32-11:30			0.88351	05-07-18 09:33	3000	Other	NA	Electronic	0.88351	0.8837
EURGBP	05-07-18	11:30-11:32	0.88244	27000								
EURGBP	05-07-18	13:30-13:32	0.88514	381000								
EURGBP	05-07-18	15:32-17:30			0.88477	05-07-18 15:32	1000	Other	NA	Electronic	0.88477	0.88496
EURGBP	06-07-18	09:30-09:32	0.88454	32000								
EURGBP	06-07-18	11:30-11:32	0.88538	103000								
EURGBP	06-07-18	13:32-15:30			0.88621	06-07-18 13:34	10000	Other	NA	Electronic	0.88621	0.88639
EURGBP	06-07-18	15:30-15:32	0.88551	12000								
EURGBP	09-07-18	09:30-09:32	0.88277	43000								
EURGBP	09-07-18	11:32-13:30			0.88291	09-07-18 11:34	1000	Other	NA	Electronic	0.8827	0.88291

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EURGBP	09-07-18	13:30-13:32	0.88195	12000								
EURGBP	09-07-18	15:30-15:32	0.88673	45000								
EURGBP	10-07-18	09:30-09:32	0.88474	1000								
EURGBP	10-07-18	11:30-11:32	0.88414	2000								
EURGBP	10-07-18	13:30-13:32	0.88258	2000								
EURGBP	10-07-18	15:30-15:32	0.88377	29000								
EURGBP	11-07-18	09:30-09:32	0.88342	11000								
EURGBP	11-07-18	11:32-13:30			0.88405	11-07-18 11:38	2000	Other	NA	Electronic	0.88405	0.88425
EURGBP	11-07-18	13:32-15:30			0.8857	11-07-18 13:32	1000	Other	NA	Electronic	0.8857	0.88591
EURGBP	11-07-18	15:32-17:30			0.88544	11-07-18 15:32	2000	Other	NA	Electronic	0.88544	0.88565
EURGBP	12-07-18	09:30-09:32	0.88382	10000								
EURGBP	12-07-18	11:32-13:30			0.88339	12-07-18 11:36	11000	Other	NA	Electronic	0.88319	0.88339
EURGBP	12-07-18	13:32-15:30			0.883	12-07-18 13:32	10000	Other	NA	Electronic	0.88301	0.88321
EURGBP	12-07-18	15:30-15:32	0.88344	25000								
EURGBP	13-07-18	09:30-09:32	0.88581	52000								

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EURGBP	13-07-18	11:30-11:32	0.88559	30000								
EURGBP	13-07-18	13:30-13:32	0.88413	37000								
EURGBP	13-07-18	15:30-15:32	0.88303	22000								
EURGBP	16-07-18	09:30-09:32	0.88247	2000								
EURGBP	16-07-18	11:30-11:32	0.88253	21000								
EURGBP	16-07-18	13:30-13:32	0.88274	8000								
EURGBP	16-07-18	15:32-17:30			0.88482	16-07-18 15:35	1000	Other	NA	Electronic	0.88482	0.88501
EURGBP	17-07-18	09:32-11:30			0.88553	17-07-18 09:32	3000	Other	NA	Electronic	0.88532	0.88553
EURGBP	17-07-18	11:30-11:32	0.88694	14000								
EURGBP	17-07-18	13:30-13:32	0.88833	6000								
EURGBP	17-07-18	15:30-15:32	0.88705	7000								
EURGBP	18-07-18	09:30-09:32	0.89131	5000								
EURGBP	18-07-18	11:30-11:32	0.89172	4000								
EURGBP	18-07-18	13:30-13:32	0.89163	9000								
EURGBP	18-07-18	15:32-17:30			0.89178	18-07-18 15:34	50000	Other	NA	Electronic	0.89178	0.89199



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EURGBP	19-07-18	09:30-09:32	0.8922	36000								
EURGBP	19-07-18	11:30-11:32	0.89268	3000								
EURGBP	19-07-18	13:30-13:32	0.89357	31000								
EURGBP	19-07-18	15:32-17:30			0.89352	19-07-18 15:33	50000	Other	NA	Electronic	0.89332	0.89352
EURGBP	20-07-18	09:30-09:32	0.89497	46000								
EURGBP	20-07-18	11:32-13:30			0.89364	20-07-18 11:35	1000	Other	NA	Electronic	0.89364	0.89385
EURGBP	20-07-18	13:30-13:32	0.89433	13000								
EURGBP	20-07-18	15:32-17:30			0.89306	20-07-18 15:33	1000	Other	NA	Electronic	0.89306	0.89326
EURGBP	23-07-18	09:30-09:32	0.8919	120000								
EURGBP	23-07-18	11:30-11:32	0.89168	23000								
EURGBP	23-07-18	13:32-15:30			0.89261	23-07-18 13:34	10000	Other	NA	Electronic	0.89242	0.89261
EURGBP	23-07-18	15:30-15:32	0.893	15000								
EURGBP	24-07-18	09:30-09:32	0.89142	103000								
EURGBP	24-07-18	11:30-11:32	0.8917	60000								
EURGBP	24-07-18	13:30-13:32	0.89101	5000								

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EURGBP	24-07-18	15:30-15:32	0.89003	4000								
EURGBP	25-07-18	09:32-11:30			0.88937	25-07-18 09:33	10000	Other	NA	Electronic	0.88915	0.88937
EURGBP	25-07-18	11:30-11:32	0.88864	125000								
EURGBP	25-07-18	13:32-15:30			0.88852	25-07-18 13:33	3000	Other	NA	Electronic	0.88852	0.88872
EURGBP	25-07-18	15:32-17:30			0.88795	25-07-18 15:32	3000	Other	NA	Electronic	0.88795	0.88814
EURGBP	26-07-18	09:30-09:32	0.88773	1000								
EURGBP	26-07-18	11:30-11:32	0.88884	5000								
EURGBP	26-07-18	13:30-13:32	0.88859	24000								
EURGBP	26-07-18	15:32-17:30			0.88715	26-07-18 15:32	3000	Other	NA	Electronic	0.88696	0.88715
EURGBP	27-07-18	09:30-09:32	0.88845	7000								
EURGBP	27-07-18	11:30-11:32	0.8875	1000								
EURGBP	27-07-18	13:30-13:32	0.8885	12000								
EURGBP	27-07-18	15:32-17:30			0.88809	27-07-18 15:33	50000	Other	NA	Electronic	0.88809	0.88829
EURGBP	30-07-18	09:30-09:32	0.89033	101000								
EURGBP	30-07-18	11:30-11:32	0.89054	111000								

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EURGBP	30-07-18	13:32-15:30			0.89105	30-07-18 13:35	5000	Other	NA	Electronic	0.89105	0.89125
EURGBP	30-07-18	15:32-17:30			0.8911	30-07-18 15:34	10000	Other	NA	Electronic	0.8911	0.8913
EURGBP	31-07-18	09:30-09:32	0.89107	1000								
EURGBP	31-07-18	11:30-11:32	0.89186	3000								
EURGBP	31-07-18	13:30-13:32	0.89207	1000								
EURGBP	31-07-18	15:30-15:32	0.89254	1000								
EURGBP	01-08-18	09:32-11:30			0.89098	01-08-18 09:32	5000	Other	NA	Electronic	0.89079	0.89098
EURGBP	01-08-18	11:30-11:32	0.88977	10000								
EURGBP	01-08-18	13:30-13:32	0.89006	1000								
EURGBP	01-08-18	15:32-17:30			0.88949	01-08-18 15:35	1000	Other	NA	Electronic	0.88929	0.88949
EURGBP	02-08-18	09:30-09:32	0.88834	1000								
EURGBP	02-08-18	11:30-11:32	0.887	2000								
EURGBP	02-08-18	13:32-15:30			0.89039	02-08-18 13:34	1000	Other	NA	Electronic	0.8902	0.89039
EURGBP	02-08-18	15:30-15:32	0.89119	3000								
EURGBP	03-08-18	09:30-09:32	0.89056	1000								

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EURGBP	03-08-18	11:30-11:32	0.89002	3000								
EURGBP	03-08-18	13:30-13:32	0.89003	21000								
EURGBP	03-08-18	15:30-15:32	0.89083	12000								
EURGBP	06-08-18	09:32-11:30			0.89168	06-08-18 09:33	1000	Other	NA	Electronic	0.89168	0.89187
EURGBP	06-08-18	11:30-11:32	0.89214	1000								
EURGBP	06-08-18	13:30-13:32	0.89283	2000								
EURGBP	06-08-18	15:30-15:32	0.89337	24000								
EURGBP	07-08-18	09:32-11:30			0.89364	07-08-18 09:32	1000	Other	NA	Electronic	0.89364	0.89381
EURGBP	07-08-18	11:30-11:32	0.89485	3000								
EURGBP	07-08-18	13:30-13:32	0.89547	6000								
EURGBP	07-08-18	15:30-15:32	0.89478	1000								
EURGBP	08-08-18	09:30-09:32	0.89897	171000								
EURGBP	08-08-18	11:30-11:32	0.90124	15000								
EURGBP	08-08-18	13:30-13:32	0.90089	1000								
EURGBP	08-08-18	15:30-15:32	0.90037	5000								

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EURGBP	09-08-18	09:30-09:32	0.90056	7000								
EURGBP	09-08-18	11:32-13:30			0.89925	09-08-18 11:40	1000	Other	NA	Electronic	0.89925	0.89944
EURGBP	09-08-18	13:30-13:32	0.8996	15000								
EURGBP	09-08-18	15:32-17:30			0.89897	09-08-18 15:34	2000	Other	NA	Electronic	0.89897	0.89916
EURGBP	10-08-18	09:30-09:32	0.89727	12000								
EURGBP	10-08-18	11:30-11:32	0.89726	1000								
EURGBP	10-08-18	13:30-13:32	0.89719	15000								
EURGBP	10-08-18	15:30-15:32	0.89345	2000								
EURGBP	13-08-18	09:30-09:32	0.89293	3000								
EURGBP	13-08-18	11:32-13:30			0.89224	13-08-18 11:39	1000	Other	NA	Electronic	0.89206	0.89224
EURGBP	13-08-18	13:30-13:32	0.89402	6000								
EURGBP	13-08-18	15:32-17:30			0.89364	13-08-18 15:35	1000	Other	NA	Electronic	0.89364	0.89383
EURGBP	14-08-18	09:30-09:32	0.89141	2000								
EURGBP	14-08-18	11:30-11:32	0.89306	1000								
EURGBP	14-08-18	13:32-15:30			0.89162	14-08-18 13:33	1000	Other	NA	Electronic	0.89162	0.89179

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EURGBP	14-08-18	15:32-17:30			0.89134	14-08-18 15:44	100000	Other	NA	Electronic	0.89134	0.89154
EURGBP	15-08-18	09:32-11:30			0.89044	15-08-18 09:32	4000	Other	NA	Electronic	0.89044	0.89063
EURGBP	15-08-18	11:32-13:30			0.89101	15-08-18 11:33	2000	Other	NA	Electronic	0.89083	0.89101
EURGBP	15-08-18	13:30-13:32	0.89215	3000								
EURGBP	15-08-18	15:32-17:30			0.89168	15-08-18 15:32	2000	Other	NA	Electronic	0.89169	0.89188
EURGBP	16-08-18	09:30-09:32	0.89468	1000								
EURGBP	16-08-18	11:30-11:32	0.89497	1000								
EURGBP	16-08-18	13:32-15:30			0.89544	16-08-18 13:36	1000	Other	NA	Electronic	0.89525	0.89544
EURGBP	16-08-18	15:30-15:32	0.89511	5000								
EURGBP	17-08-18	09:30-09:32	0.89617	43000								
EURGBP	17-08-18	11:30-11:32	0.89575	1000								
EURGBP	17-08-18	13:32-15:30			0.89618	17-08-18 13:37	1000	Other	NA	Electronic	0.89601	0.89618
EURGBP	17-08-18	15:32-17:30			0.89612	17-08-18 15:40	1000	Other	NA	Electronic	0.89612	0.89631
EURGBP	20-08-18	09:30-09:32	0.89529	80000								
EURGBP	20-08-18	11:32-13:30			0.89467	20-08-18 11:41	2000	Other	NA	Electronic	0.89449	0.89467

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP	20-08-18	13:32-15:30			0.89511	20-08-18 13:36	2000	Other	NA	Electronic	0.89511	0.8953
EURGBP	20-08-18	15:32-17:30			0.89601	20-08-18 15:32	10000	Other	NA	Electronic	0.89601	0.8962
EURGBP	21-08-18	09:32-11:30			0.89853	21-08-18 09:41	1000	Other	NA	Electronic	0.89853	0.89871
EURGBP	21-08-18	11:30-11:32	0.89772	20000								
EURGBP	21-08-18	13:32-15:30			0.89636	21-08-18 13:41	15000	Other	NA	Electronic	0.89619	0.89636
EURGBP	21-08-18	15:32-17:30			0.89594	21-08-18 15:35	50000	Other	NA	Electronic	0.89594	0.89612
EURGBP	22-08-18	09:30-09:32	0.89891	19000								
EURGBP	22-08-18	11:30-11:32	0.89944	1000								
EURGBP	22-08-18	13:30-13:32	0.89813	1000								
EURGBP	22-08-18	15:30-15:32	0.89799	1000								
EURGBP	23-08-18	09:32-11:30			0.89889	23-08-18 09:39	2000	Other	NA	Electronic	0.89872	0.89889
EURGBP	23-08-18	11:30-11:32	0.89838	2000								
EURGBP	23-08-18	13:32-15:30			0.89952	23-08-18 13:32	1000	Other	NA	Electronic	0.89933	0.89952
EURGBP	23-08-18	15:30-15:32	0.9019	1000								
EURGBP	24-08-18	09:30-09:32	0.90232	8000								

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EURGBP	24-08-18	11:30-11:32	0.90123	4000								
EURGBP	24-08-18	13:30-13:32	0.90221	1000								
EURGBP	24-08-18	15:32-17:30			0.90446	24-08-18 15:32	1000	Other	NA	Electronic	0.90428	0.90446
EURGBP	27-08-18	09:30-09:32	0.90447	26000								
EURGBP	27-08-18	11:32-13:30			0.90371	27-08-18 11:32	2000	Other	NA	Electronic	0.90371	0.90388
EURGBP	27-08-18	13:32-15:30			0.9042	27-08-18 13:32	2000	Other	NA	Electronic	0.9042	0.90437
EURGBP	27-08-18	15:30-15:32	0.9058	2000								
EURGBP	28-08-18	09:32-11:30			0.9063	28-08-18 09:40	2000	Other	NA	Electronic	0.9063	0.90648
EURGBP	28-08-18	11:32-13:30			0.90686	28-08-18 11:32	3000	Other	NA	Electronic	0.90686	0.90703
EURGBP	28-08-18	13:30-13:32	0.90728	110000								
EURGBP	28-08-18	15:30-15:32	0.90932	56000								
EURGBP	29-08-18	09:30-09:32	0.90583	16000								
EURGBP	29-08-18	11:30-11:32	0.90501	4000								
EURGBP	29-08-18	13:30-13:32	0.90631	2000								
EURGBP	29-08-18	15:30-15:32	0.89944	3000								



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP	30-08-18	09:32-11:30			0.89885	30-08-18 09:33	2000	Other	NA	Electronic	0.89866	0.89885
EURGBP	30-08-18	11:32-13:30			0.89829	30-08-18 11:34	2000	Other	NA	Electronic	0.89811	0.89829
EURGBP	30-08-18	13:30-13:32	0.89644	53000								
EURGBP	30-08-18	15:32-17:30			0.8963	30-08-18 15:36	1000	Other	NA	Electronic	0.8963	0.89648
EURGBP	31-08-18	09:30-09:32	0.89695	1000								
EURGBP	31-08-18	11:32-13:30			0.897	31-08-18 11:32	2000	Other	NA	Electronic	0.89683	0.897
EURGBP	31-08-18	13:32-15:30			0.89701	31-08-18 13:32	1000	Other	NA	Electronic	0.89701	0.89718
EURGBP	31-08-18	15:30-15:32	0.89441	9000								
EURGBP	03-09-18	09:30-09:32	0.90089	2000								
EURGBP	03-09-18	11:30-11:32	0.90241	3000								
EURGBP	03-09-18	13:32-15:30			0.90236	03-09-18 13:33	1000	Other	NA	Electronic	0.90218	0.90236
EURGBP	03-09-18	15:30-15:32	0.90202	6000								
EURGBP	04-09-18	09:32-11:30			0.90167	04-09-18 09:34	1000	Other	NA	Electronic	0.90167	0.90184
EURGBP	04-09-18	11:30-11:32	0.9011	3000								
EURGBP	04-09-18	13:30-13:32	0.89955	6000								

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EURGBP	04-09-18	15:30-15:32	0.90154	98000								
EURGBP	05-09-18	09:30-09:32	0.90369	16000								
EURGBP	05-09-18	11:30-11:32	0.90411	2000								
EURGBP	05-09-18	13:30-13:32	0.89617	1023000								
EURGBP	05-09-18	15:30-15:32	0.90077	30000								
EURGBP	06-09-18	09:30-09:32	0.89962	11000								
EURGBP	06-09-18	11:30-11:32	0.89908	1000								
EURGBP	06-09-18	13:32-15:30			0.89953	06-09-18 13:42	10000	Other	NA	Electronic	0.89934	0.89953
EURGBP	06-09-18	15:30-15:32	0.89813	1000								
EURGBP	07-09-18	09:32-11:30			0.90067	07-09-18 09:45	1000	Other	NA	Electronic	0.90051	0.90067
EURGBP	07-09-18	11:30-11:32	0.89323	7000								
EURGBP	07-09-18	13:32-15:30			0.89299	07-09-18 13:36	2000	Other	NA	Electronic	0.89281	0.89299
EURGBP	07-09-18	15:32-17:30			0.89424	07-09-18 15:33	1000	Other	NA	Electronic	0.89424	0.89442
EURGBP	10-09-18	09:30-09:32	0.8944	1000								
EURGBP	10-09-18	11:30-11:32	0.8953	16000								

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EURGBP	10-09-18	13:30-13:32	0.89	1000								
EURGBP	10-09-18	15:30-15:32	0.89088	5000								
EURGBP	11-09-18	09:30-09:32	0.89004	100000								
EURGBP	11-09-18	11:30-11:32	0.88953	1000								
EURGBP	11-09-18	13:30-13:32	0.89129	6000								
EURGBP	11-09-18	15:32-17:30			0.89123	11-09-18 15:48	3000	Other	NA	Electronic	0.89105	0.89123
EURGBP	12-09-18	09:30-09:32	0.88965	1000								
EURGBP	12-09-18	11:30-11:32	0.89155	20000								
EURGBP	12-09-18	13:30-13:32	0.8917	1000								
EURGBP	12-09-18	15:32-17:30			0.89282	12-09-18 15:36	3000	Other	NA	Electronic	0.89272	0.8929
EURGBP	13-09-18	09:30-09:32	0.88982	6000								
EURGBP	13-09-18	11:30-11:32	0.89133	1000								
EURGBP	13-09-18	13:30-13:32	0.89165	6000								
EURGBP	13-09-18	15:32-17:30			0.89128	13-09-18 15:36	1000	Other	NA	Electronic	0.8911	0.89128
EURGBP	14-09-18	09:32-11:30			0.89124	14-09-18 09:32	5000	Other	NA	Electronic	0.89124	0.89141

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EURGBP	14-09-18	11:32-13:30			0.89209	14-09-18 11:36	10000	Other	NA	Electronic	0.89191	0.89209
EURGBP	14-09-18	13:30-13:32	0.89038	24000								
EURGBP	14-09-18	15:32-17:30			0.89103	14-09-18 15:37	1000	Other	NA	Electronic	0.89085	0.89103
EURGBP	17-09-18	09:32-11:30			0.88976	17-09-18 09:36	1000	Other	NA	Electronic	0.88976	0.88992
EURGBP	17-09-18	11:32-13:30			0.88911	17-09-18 11:34	2000	Other	NA	Electronic	0.88911	0.88929
EURGBP	17-09-18	13:30-13:32	0.88905	1000								
EURGBP	17-09-18	15:32-17:30			0.88916	17-09-18 15:32	3000	Other	NA	Electronic	0.88916	0.88933
EURGBP	18-09-18	09:30-09:32	0.89023	14000								
EURGBP	18-09-18	11:30-11:32	0.88965	1000								
EURGBP	18-09-18	13:32-15:30			0.8897	18-09-18 13:33	1000	Other	NA	Electronic	0.8897	0.88988
EURGBP	18-09-18	15:30-15:32	0.88905	4000								
EURGBP	19-09-18	09:30-09:32	0.88753	5000								
EURGBP	19-09-18	11:32-13:30			0.88868	19-09-18 11:39	1000	Other	NA	Electronic	0.88868	0.88886
EURGBP	19-09-18	13:30-13:32	0.88861	15000								
EURGBP	19-09-18	15:32-17:30			0.88789	19-09-18 15:35	1000	Other	NA	Electronic	0.88789	0.8881

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EURGBP	20-09-18	09:30-09:32	0.88601	11000								
EURGBP	20-09-18	11:30-11:32	0.88484	2000								
EURGBP	20-09-18	13:30-13:32	0.88692	12000								
EURGBP	20-09-18	15:30-15:32	0.88743	3000								
EURGBP	21-09-18	09:30-09:32	0.89275	1000								
EURGBP	21-09-18	11:32-13:30			0.89173	21-09-18 11:35	1000	Other	NA	Electronic	0.89173	0.8919
EURGBP	21-09-18	13:30-13:32	0.89755	313000								
EURGBP	21-09-18	15:30-15:32	0.89847	10000								
EURGBP	24-09-18	09:32-11:30			0.89679	24-09-18 09:37	15000	Other	NA	Electronic	0.89679	0.89697
EURGBP	24-09-18	11:30-11:32	0.89539	5000								
EURGBP	24-09-18	13:32-15:30			0.8976	24-09-18 13:38	2000	Other	NA	Electronic	0.8974	0.8976
EURGBP	24-09-18	15:32-17:30			0.89687	24-09-18 15:33	1000	Other	NA	Electronic	0.89669	0.89687
EURGBP	25-09-18	09:32-11:30			0.89454	25-09-18 09:32	20000	Other	NA	Electronic	0.89435	0.89454
EURGBP	25-09-18	11:30-11:32	0.89531	14000								
EURGBP	25-09-18	13:32-15:30			0.89603	25-09-18 13:32	2000	Other	NA	Electronic	0.89603	0.89622

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EURGBP	25-09-18	15:30-15:32	0.89501	2000								
EURGBP	26-09-18	09:32-11:30			0.89379	26-09-18 09:33	10000	Other	NA	Electronic	0.89361	0.89379
EURGBP	26-09-18	11:30-11:32	0.89315	1000								
EURGBP	26-09-18	13:30-13:32	0.89181	2000								
EURGBP	26-09-18	15:32-17:30			0.89178	26-09-18 15:34	1000	Other	NA	Electronic	0.89178	0.89196
EURGBP	27-09-18	09:30-09:32	0.89305	10000								
EURGBP	27-09-18	11:32-13:30			0.89175	27-09-18 11:37	9000	Other	NA	Electronic	0.89156	0.89175
EURGBP	27-09-18	13:30-13:32	0.89	902000								
EURGBP	27-09-18	15:32-17:30			0.89019	27-09-18 15:33	1000	Other	NA	Electronic	0.89019	0.89038
EURGBP	28-09-18	09:32-11:30			0.88813	28-09-18 09:33	2000	Other	NA	Electronic	0.88813	0.88833
EURGBP	28-09-18	11:30-11:32	0.88771	1000								
EURGBP	28-09-18	13:30-13:32	0.88898	1000								
EURGBP	28-09-18	15:30-15:32	0.89063	4000								
EURGBP.	02-07-18	09:32-11:30			0.88498	02-07-18 09:35	1000	Other	NA	Electronic	0.88497	0.88504
EURGBP.	02-07-18	11:32-13:30			0.88512	02-07-18 11:38	1000	Other	NA	Electronic	0.88512	0.88522

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EURGBP.	02-07-18	13:32-15:30			0.88541	02-07-18 13:45	20000	Other	NA	Electronic	0.88541	0.88549
EURGBP.	02-07-18	15:32-17:30			0.88359	02-07-18 15:59	5000	Other	NA	Electronic	0.88359	0.88366
EURGBP.	03-07-18	09:32-11:30			0.88387	03-07-18 09:35	1000	Other	NA	Electronic	0.88378	0.88387
EURGBP.	03-07-18	11:32-13:30			0.88401	03-07-18 11:41	7000	Other	NA	Electronic	0.88393	0.88401
EURGBP.	03-07-18	13:32-15:30			0.88487	03-07-18 14:00	2000	Other	NA	Electronic	0.88478	0.88486
EURGBP.	03-07-18	15:32-17:30			0.88508	03-07-18 16:56	2000	Other	NA	Electronic	0.885	0.88508
EURGBP.	04-07-18	09:30-09:32	0.88111	3000								
EURGBP.	04-07-18	11:30-11:32	0.88154	4000								
EURGBP.	04-07-18	13:32-15:30			0.88104	04-07-18 14:12	1000	Other	NA	Electronic	0.88104	0.88114
EURGBP.	04-07-18	15:30-15:32	0.88081	3000								
EURGBP.	05-07-18	09:30-09:32	0.88357	5000								
EURGBP.	05-07-18	11:32-13:30			0.88297	05-07-18 11:40	100000	Other	NA	Electronic	0.88297	0.88304
EURGBP.	05-07-18	13:30-13:32	0.88525	7000								
EURGBP.	05-07-18	15:32-17:30			0.8846	05-07-18 15:55	15000	Other	NA	Electronic	0.8846	0.88467
EURGBP.	06-07-18	09:30-09:32	0.88458	1000								

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EURGBP.	06-07-18	11:32-13:30			0.8857	06-07-18 12:03	2000	Other	NA	Electronic	0.88569	0.88577
EURGBP.	06-07-18	13:32-15:30			0.88629	06-07-18 13:34	10000	Other	NA	Electronic	0.88629	0.88636
EURGBP.	06-07-18	15:32-17:30			0.88541	06-07-18 15:37	3000	Other	NA	Electronic	0.88532	0.88541
EURGBP.	09-07-18	09:32-11:30			0.88277	09-07-18 09:35	20000	Other	NA	Electronic	0.88277	0.88286
EURGBP.	09-07-18	11:32-13:30			0.88289	09-07-18 11:40	1000	Other	NA	Electronic	0.88289	0.88298
EURGBP.	09-07-18	13:32-15:30			0.88336	09-07-18 13:43	1000	Other	NA	Electronic	0.88336	0.88366
EURGBP.	09-07-18	15:32-17:30			0.88702	09-07-18 15:42	10000	Other	NA	Electronic	0.88702	0.8871
EURGBP.	10-07-18	09:32-11:30			0.88464	10-07-18 10:39	50000	Other	NA	Electronic	0.88456	0.88464
EURGBP.	10-07-18	11:32-13:30			0.88348	10-07-18 11:48	10000	Other	NA	Electronic	0.88341	0.88348
EURGBP.	10-07-18	13:32-15:30			0.88234	10-07-18 13:42	2000	Other	NA	Electronic	0.88225	0.88234
EURGBP.	10-07-18	15:32-17:30			0.88501	10-07-18 15:47	3000	Other	NA	Electronic	0.88492	0.88501
EURGBP.	11-07-18	09:32-11:30			0.88296	11-07-18 09:36	1000	Other	NA	Electronic	0.88296	0.88305
EURGBP.	11-07-18	11:32-13:30			0.88362	11-07-18 12:09	10000	Other	NA	Electronic	0.88354	0.88362
EURGBP.	11-07-18	13:32-15:30			0.8855	11-07-18 13:44	2000	Other	NA	Electronic	0.8855	0.88559
EURGBP.	11-07-18	15:32-17:30			0.88552	11-07-18 15:32	1000	Other	NA	Electronic	0.88552	0.88558



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EURGBP.	12-07-18	09:30-09:32	0.88375	70000								
EURGBP.	12-07-18	11:30-11:32	0.88348	2000								
EURGBP.	12-07-18	13:32-15:30			0.88261	12-07-18 13:57	100000	Other	NA	Electronic	0.88253	0.88261
EURGBP.	12-07-18	15:32-17:30			0.88322	12-07-18 15:39	2000	Other	NA	Electronic	0.88321	0.88329
EURGBP.	13-07-18	09:32-11:30			0.88563	13-07-18 09:37	1000	Other	NA	Electronic	0.88563	0.88572
EURGBP.	13-07-18	11:32-13:30			0.8852	13-07-18 11:49	5000	Other	NA	Electronic	0.8852	0.88529
EURGBP.	13-07-18	13:30-13:32	0.88418	6000								
EURGBP.	13-07-18	15:30-15:32	0.88301	1000								
EURGBP.	16-07-18	09:32-11:30			0.88221	16-07-18 10:07	3000	Other	NA	Electronic	0.88221	0.88228
EURGBP.	16-07-18	11:32-13:30			0.88232	16-07-18 11:36	1000	Other	NA	Electronic	0.88232	0.88241
EURGBP.	16-07-18	13:30-13:32	0.88275	106000								
EURGBP.	16-07-18	15:32-17:30			0.88497	16-07-18 15:33	1000	Other	NA	Electronic	0.88497	0.88504
EURGBP.	17-07-18	09:32-11:30			0.88544	17-07-18 09:39	1000	Other	NA	Electronic	0.88544	0.88552
EURGBP.	17-07-18	11:32-13:30			0.88699	17-07-18 11:32	5000	Other	NA	Electronic	0.88691	0.88699
EURGBP.	17-07-18	13:32-15:30			0.88794	17-07-18 14:04	2000	Other	NA	Electronic	0.88795	0.88804

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP.	17-07-18	15:32-17:30			0.88703	17-07-18 15:53	10000	Other	NA	Electronic	0.88693	0.88703
EURGBP.	18-07-18	09:32-11:30			0.89123	18-07-18 09:32	10000	Other	NA	Electronic	0.89123	0.8913
EURGBP.	18-07-18	11:32-13:30			0.89155	18-07-18 11:41	20000	Other	NA	Electronic	0.89155	0.89163
EURGBP.	18-07-18	13:32-15:30			0.89138	18-07-18 13:43	40000	Other	NA	Electronic	0.89138	0.89146
EURGBP.	18-07-18	15:32-17:30			0.89172	18-07-18 15:40	121000	Other	NA	Electronic	0.89172	0.89181
EURGBP.	19-07-18	09:32-11:30			0.89268	19-07-18 09:44	15000	Other	NA	Electronic	0.89258	0.89268
EURGBP.	19-07-18	11:32-13:30			0.89305	19-07-18 12:26	10000	Other	NA	Electronic	0.89298	0.89305
EURGBP.	19-07-18	13:32-15:30			0.89389	19-07-18 14:10	6000	Other	NA	Electronic	0.89379	0.89389
EURGBP.	19-07-18	15:32-17:30			0.89342	19-07-18 15:34	1000	Other	NA	Electronic	0.89342	0.8935
EURGBP.	20-07-18	09:32-11:30			0.89502	20-07-18 09:32	50000	Other	NA	Electronic	0.89496	0.89502
EURGBP.	20-07-18	11:32-13:30			0.89378	20-07-18 11:37	45000	Other	NA	Electronic	0.8937	0.89378
EURGBP.	20-07-18	13:32-15:30			0.89403	20-07-18 13:45	15000	Other	NA	Electronic	0.89403	0.89413
EURGBP.	20-07-18	15:30-15:32	0.89326	101000								
EURGBP.	23-07-18	09:32-11:30			0.8916	23-07-18 09:34	1000	Other	NA	Electronic	0.89152	0.8916
EURGBP.	23-07-18	11:32-13:30			0.89182	23-07-18 12:37	4000	Other	NA	Electronic	0.89175	0.89182

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP.	23-07-18	13:32-15:30			0.89238	23-07-18 13:32	3000	Other	NA	Electronic	0.89238	0.89245
EURGBP.	23-07-18	15:32-17:30			0.8929	23-07-18 16:11	3000	Other	NA	Electronic	0.88787	0.88794
EURGBP.	24-07-18	09:30-09:32	0.89136	1000								
EURGBP.	24-07-18	11:32-13:30			0.89134	24-07-18 11:39	2000	Other	NA	Electronic	0.89134	0.89142
EURGBP.	24-07-18	13:32-15:30			0.89114	24-07-18 13:32	20000	Other	NA	Electronic	0.89106	0.89114
EURGBP.	24-07-18	15:32-17:30			0.88997	24-07-18 15:33	1000	Other	NA	Electronic	0.88991	0.88997
EURGBP.	25-07-18	09:32-11:30			0.8895	25-07-18 09:35	1000	Other	NA	Electronic	0.88941	0.8895
EURGBP.	25-07-18	11:32-13:30			0.88881	25-07-18 11:39	2000	Other	NA	Electronic	0.88872	0.88881
EURGBP.	25-07-18	13:32-15:30			0.88969	25-07-18 14:13	10000	Other	NA	Electronic	0.88969	0.88976
EURGBP.	25-07-18	15:32-17:30			0.88784	25-07-18 15:34	3000	Other	NA	Electronic	0.88784	0.88792
EURGBP.	26-07-18	09:32-11:30			0.88769	26-07-18 09:34	1000	Other	NA	Electronic	0.88762	0.88769
EURGBP.	26-07-18	11:32-13:30			0.88878	26-07-18 11:35	1000	Other	NA	Electronic	0.88879	0.88887
EURGBP.	26-07-18	13:32-15:30			0.88869	26-07-18 13:51	10000	Other	NA	Electronic	0.88861	0.88869
EURGBP.	26-07-18	15:32-17:30			0.88696	26-07-18 15:39	1000	Other	NA	Electronic	0.88687	0.88696
EURGBP.	27-07-18	09:32-11:30			0.8882	27-07-18 09:48	1000	Other	NA	Electronic	0.8882	0.88827

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP.	27-07-18	11:30-11:32	0.88745	1000								
EURGBP.	27-07-18	13:30-13:32	0.88847	40000								
EURGBP.	27-07-18	15:32-17:30			0.88886	27-07-18 16:36	14000	Other	NA	Electronic	0.88886	0.88893
EURGBP.	30-07-18	09:32-11:30			0.89028	30-07-18 09:35	1000	Other	NA	Electronic	0.89028	0.89036
EURGBP.	30-07-18	11:32-13:30			0.891	30-07-18 11:39	50000	Other	NA	Electronic	0.891	0.89109
EURGBP.	30-07-18	13:32-15:30			0.89139	30-07-18 13:47	2000	Other	NA	Electronic	0.89139	0.89147
EURGBP.	30-07-18	15:32-17:30			0.89122	30-07-18 15:37	4000	Other	NA	Electronic	0.89122	0.89127
EURGBP.	31-07-18	09:32-11:30			0.89103	31-07-18 09:59	10000	Other	NA	Electronic	0.89103	0.89111
EURGBP.	31-07-18	11:32-13:30			0.89175	31-07-18 12:00	1000	Other	NA	Electronic	0.89168	0.89173
EURGBP.	31-07-18	13:32-15:30			0.89252	31-07-18 13:32	5000	Other	NA	Electronic	0.89245	0.89253
EURGBP.	31-07-18	15:32-17:30			0.89172	31-07-18 15:55	4000	Other	NA	Electronic	0.89172	0.89179
EURGBP.	01-08-18	09:32-11:30			0.89059	01-08-18 10:14	2000	Other	NA	Electronic	0.89059	0.89066
EURGBP.	01-08-18	11:32-13:30			0.8898	01-08-18 11:45	2000	Other	NA	Electronic	0.8898	0.88987
EURGBP.	01-08-18	13:32-15:30			0.89018	01-08-18 13:41	2000	Other	NA	Electronic	0.89011	0.89018
EURGBP.	01-08-18	15:32-17:30			0.88921	01-08-18 15:40	1000	Other	NA	Electronic	0.88921	0.88929

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP.	02-08-18	09:32-11:30			0.88842	02-08-18 09:32	1000	Other	NA	Electronic	0.88834	0.88842
EURGBP.	02-08-18	11:32-13:30			0.88722	02-08-18 11:44	1000	Other	NA	Electronic	0.88722	0.88729
EURGBP.	02-08-18	13:30-13:32	0.89029	24000								
EURGBP.	02-08-18	15:32-17:30			0.89102	02-08-18 15:34	4000	Other	NA	Electronic	0.89095	0.89102
EURGBP.	03-08-18	09:32-11:30			0.89029	03-08-18 09:41	1000	Other	NA	Electronic	0.89021	0.89029
EURGBP.	03-08-18	11:32-13:30			0.89027	03-08-18 11:41	2000	Other	NA	Electronic	0.89021	0.89027
EURGBP.	03-08-18	13:32-15:30			0.89063	03-08-18 14:12	9000	Other	NA	Electronic	0.89056	0.89063
EURGBP.	03-08-18	15:30-15:32	0.89093	250000								
EURGBP.	06-08-18	09:32-11:30			0.8917	06-08-18 09:45	10000	Other	NA	Electronic	0.8917	0.89177
EURGBP.	06-08-18	11:32-13:30			0.89242	06-08-18 11:43	250000	Other	NA	Electronic	0.89242	0.89249
EURGBP.	06-08-18	13:30-13:32	0.89271	4000								
EURGBP.	06-08-18	15:32-17:30			0.8935	06-08-18 15:35	8000	Other	NA	Electronic	0.8935	0.89358
EURGBP.	07-08-18	09:32-11:30			0.89394	07-08-18 09:36	10000	Other	NA	Electronic	0.89387	0.89394
EURGBP.	07-08-18	11:32-13:30			0.89464	07-08-18 11:35	10000	Other	NA	Electronic	0.89464	0.89472
EURGBP.	07-08-18	13:30-13:32	0.89539	1000								

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EURGBP.	07-08-18	15:32-17:30			0.89503	07-08-18 16:00	1000	Other	NA	Electronic	0.89503	0.89509
EURGBP.	08-08-18	09:30-09:32	0.89879	128000								
EURGBP.	08-08-18	11:32-13:30			0.90084	08-08-18 11:59	11000	Other	NA	Electronic	0.90084	0.90092
EURGBP.	08-08-18	13:32-15:30			0.90069	08-08-18 14:35	6000	Other	NA	Electronic	0.90069	0.90076
EURGBP.	08-08-18	15:32-17:30			0.90073	08-08-18 15:36	10000	Other	NA	Electronic	0.90073	0.90079
EURGBP.	09-08-18	09:32-11:30			0.89951	09-08-18 09:43	10000	Other	NA	Electronic	0.89946	0.89951
EURGBP.	09-08-18	11:32-13:30			0.89938	09-08-18 12:05	7000	Other	NA	Electronic	0.89932	0.89938
EURGBP.	09-08-18	13:30-13:32	0.89954	56000								
EURGBP.	09-08-18	15:32-17:30			0.89886	09-08-18 16:12	9000	Other	NA	Electronic	0.89878	0.89886
EURGBP.	10-08-18	09:32-11:30			0.89708	10-08-18 09:42	5000	Other	NA	Electronic	0.89701	0.89708
EURGBP.	10-08-18	11:30-11:32	0.89747	20000								
EURGBP.	10-08-18	13:30-13:32	0.89725	5000								
EURGBP.	10-08-18	15:32-17:30			0.89353	10-08-18 15:35	5000	Other	NA	Electronic	0.89353	0.89358
EURGBP.	13-08-18	09:32-11:30			0.8931	13-08-18 10:18	1000	Other	NA	Electronic	0.89302	0.8931
EURGBP.	13-08-18	11:32-13:30			0.89234	13-08-18 11:33	5000	Other	NA	Electronic	0.89229	0.89234

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EURGBP.	13-08-18	13:32-15:30			0.89441	13-08-18 13:44	250000	Other	NA	Electronic	0.89441	0.89448
EURGBP.	13-08-18	15:32-17:30			0.89393	13-08-18 15:38	1000	Other	NA	Electronic	0.89387	0.89393
EURGBP.	14-08-18	09:32-11:30			0.89178	14-08-18 09:40	2000	Other	NA	Electronic	0.89178	0.89185
EURGBP.	14-08-18	11:32-13:30			0.89298	14-08-18 11:52	60000	Other	NA	Electronic	0.89292	0.89298
EURGBP.	14-08-18	13:30-13:32	0.89176	2000								
EURGBP.	14-08-18	15:32-17:30			0.89132	14-08-18 15:38	2000	Other	NA	Electronic	0.89125	0.89132
EURGBP.	15-08-18	09:32-11:30			0.89038	15-08-18 09:43	3000	Other	NA	Electronic	0.89038	0.89044
EURGBP.	15-08-18	11:30-11:32	0.89086	21000								
EURGBP.	15-08-18	13:32-15:30			0.89237	15-08-18 13:44	1000	Other	NA	Electronic	0.89237	0.89245
EURGBP.	15-08-18	15:30-15:32	0.89187	1000								
EURGBP.	16-08-18	09:32-11:30			0.89477	16-08-18 09:32	105000	Other	NA	Electronic	0.89477	0.89483
EURGBP.	16-08-18	11:32-13:30			0.89524	16-08-18 11:34	10000	Other	NA	Electronic	0.89524	0.89529
EURGBP.	16-08-18	13:32-15:30			0.89508	16-08-18 13:37	25000	Other	NA	Electronic	0.89501	0.89508
EURGBP.	16-08-18	15:32-17:30			0.89533	16-08-18 15:34	10000	Other	NA	Electronic	0.89533	0.8954
EURGBP.	17-08-18	09:32-11:30			0.89612	17-08-18 09:33	20000	Other	NA	Electronic	0.89606	0.89612

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EURGBP.	17-08-18	11:32-13:30			0.89568	17-08-18 12:00	1000	Other	NA	Electronic	0.89568	0.89575
EURGBP.	17-08-18	13:32-15:30			0.89618	17-08-18 13:33	1000	Other	NA	Electronic	0.89618	0.89625
EURGBP.	17-08-18	15:32-17:30			0.89617	17-08-18 15:40	250000	Other	NA	Electronic	0.89617	0.89624
EURGBP.	20-08-18	09:32-11:30			0.89541	20-08-18 09:35	25000	Other	NA	Electronic	0.89541	0.89548
EURGBP.	20-08-18	11:30-11:32	0.89468	1000								
EURGBP.	20-08-18	13:32-15:30			0.89508	20-08-18 13:45	10000	Other	NA	Electronic	0.89501	0.89508
EURGBP.	20-08-18	15:32-17:30			0.89609	20-08-18 15:34	25000	Other	NA	Electronic	0.89602	0.89609
EURGBP.	21-08-18	09:32-11:30			0.89857	21-08-18 10:00	1000	Other	NA	Electronic	0.89857	0.89862
EURGBP.	21-08-18	11:32-13:30			0.89657	21-08-18 12:35	1000	Other	NA	Electronic	0.89657	0.89664
EURGBP.	21-08-18	13:32-15:30			0.89621	21-08-18 13:47	2000	Other	NA	Electronic	0.89616	0.89621
EURGBP.	21-08-18	15:32-17:30			0.89626	21-08-18 15:49	1000	Other	NA	Electronic	0.89626	0.89633
EURGBP.	22-08-18	09:32-11:30			0.89922	22-08-18 09:36	49000	Other	NA	Electronic	0.89916	0.89922
EURGBP.	22-08-18	11:32-13:30			0.89945	22-08-18 11:38	1000	Other	NA	Electronic	0.89945	0.89952
EURGBP.	22-08-18	13:32-15:30			0.89779	22-08-18 13:44	49000	Other	NA	Electronic	0.89779	0.89785
EURGBP.	22-08-18	15:32-17:30			0.89813	22-08-18 15:45	3000	Other	NA	Electronic	0.89806	0.89813



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EURGBP.	23-08-18	09:32-11:30			0.89897	23-08-18 09:41	4000	Other	NA	Electronic	0.89892	0.89897
EURGBP.	23-08-18	11:32-13:30			0.89869	23-08-18 11:57	250000	Other	NA	Electronic	0.89869	0.89876
EURGBP.	23-08-18	13:32-15:30			0.90009	23-08-18 13:51	1000	Other	NA	Electronic	0.90009	0.90016
EURGBP.	23-08-18	15:32-17:30			0.90186	23-08-18 16:15	5000	Other	NA	Electronic	0.9018	0.90186
EURGBP.	24-08-18	09:32-11:30			0.90211	24-08-18 09:33	30000	Other	NA	Electronic	0.90211	0.90218
EURGBP.	24-08-18	11:32-13:30			0.90197	24-08-18 11:46	7000	Other	NA	Electronic	0.90192	0.90197
EURGBP.	24-08-18	13:32-15:30			0.90245	24-08-18 14:00	1000	Other	NA	Electronic	0.90245	0.90251
EURGBP.	24-08-18	15:32-17:30			0.90435	24-08-18 15:34	4000	Other	NA	Electronic	0.90435	0.90441
EURGBP.	27-08-18	09:32-11:30			0.90435	27-08-18 10:34	1000	Other	NA	Electronic	0.90435	0.90441
EURGBP.	27-08-18	11:32-13:30			0.90357	27-08-18 12:44	3000	Other	NA	Electronic	0.90357	0.90361
EURGBP.	27-08-18	13:32-15:30			0.90414	27-08-18 13:38	10000	Other	NA	Electronic	0.90408	0.90414
EURGBP.	27-08-18	15:30-15:32	0.9059	2000								
EURGBP.	28-08-18	09:32-11:30			0.90617	28-08-18 09:33	2000	Other	NA	Electronic	0.90617	0.90624
EURGBP.	28-08-18	11:32-13:30			0.90646	28-08-18 11:47	1000	Other	NA	Electronic	0.90646	0.90653
EURGBP.	28-08-18	13:30-13:32	0.9073	14000								

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EURGBP.	28-08-18	15:32-17:30			0.90925	28-08-18 15:33	2000	Other	NA	Electronic	0.90925	0.90932
EURGBP.	29-08-18	09:32-11:30			0.90572	29-08-18 09:37	4000	Other	NA	Electronic	0.90566	0.90572
EURGBP.	29-08-18	11:30-11:32	0.90501	1000								
EURGBP.	29-08-18	13:32-15:30			0.90647	29-08-18 13:32	6000	Other	NA	Electronic	0.90641	0.90647
EURGBP.	29-08-18	15:32-17:30			0.89953	29-08-18 15:51	3000	Other	NA	Electronic	0.89948	0.89953
EURGBP.	30-08-18	09:32-11:30			0.89842	30-08-18 09:36	2000	Other	NA	Electronic	0.89842	0.89849
EURGBP.	30-08-18	11:32-13:30			0.89786	30-08-18 12:23	1000	Other	NA	Electronic	0.89782	0.89786
EURGBP.	30-08-18	13:30-13:32	0.89633	264000								
EURGBP.	30-08-18	15:32-17:30			0.89653	30-08-18 15:44	5000	Other	NA	Electronic	0.89744	0.89754
EURGBP.	31-08-18	09:32-11:30			0.8975	31-08-18 09:40	5000	Other	NA	Electronic	0.8975	0.89756
EURGBP.	31-08-18	11:32-13:30			0.89716	31-08-18 12:26	10000	Other	NA	Electronic	0.89709	0.89716
EURGBP.	31-08-18	13:32-15:30			0.89723	31-08-18 14:06	1000	Other	NA	Electronic	0.89718	0.89723
EURGBP.	31-08-18	15:30-15:32	0.89422	25000								
EURGBP.	03-09-18	09:32-11:30			0.90123	03-09-18 10:03	15000	Other	NA	Electronic	0.90123	0.90128
EURGBP.	03-09-18	11:32-13:30			0.90232	03-09-18 12:00	1000	Other	NA	Electronic	0.90228	0.90232

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBP.	03-09-18	13:30-13:32	0.90196	1000								
EURGBP.	03-09-18	15:32-17:30			0.90234	03-09-18 15:47	25000	Other	NA	Electronic	0.90226	0.90234
EURGBP.	04-09-18	09:32-11:30			0.90169	04-09-18 10:00	4000	Other	NA	Electronic	0.90169	0.90174
EURGBP.	04-09-18	11:30-11:32	0.90119	1000								
EURGBP.	04-09-18	13:32-15:30			0.89995	04-09-18 13:51	1000	Other	NA	Electronic	0.8999	0.89995
EURGBP.	04-09-18	15:32-17:30			0.90129	04-09-18 16:00	1000	Other	NA	Electronic	0.90122	0.90129
EURGBP.	05-09-18	09:30-09:32	0.90358	6000								
EURGBP.	05-09-18	11:30-11:32	0.90399	2000								
EURGBP.	05-09-18	13:30-13:32	0.89631	4000								
EURGBP.	05-09-18	15:32-17:30			0.90086	05-09-18 15:34	1000	Other	NA	Electronic	0.90086	0.90092
EURGBP.	06-09-18	09:32-11:30			0.89908	06-09-18 09:35	30000	Other	NA	Electronic	0.89903	0.89908
EURGBP.	06-09-18	11:32-13:30			0.89881	06-09-18 11:43	1000	Other	NA	Electronic	0.89881	0.89886
EURGBP.	06-09-18	13:32-15:30			0.89889	06-09-18 14:00	1000	Other	NA	Electronic	0.89877	0.89889
EURGBP.	06-09-18	15:32-17:30			0.89864	06-09-18 15:42	2000	Other	NA	Electronic	0.89857	0.89864
EURGBP.	07-09-18	09:32-11:30			0.90046	07-09-18 09:40	2000	Other	NA	Electronic	0.90046	0.90052

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EURGBP.	07-09-18	11:32-13:30			0.89417	07-09-18 11:44	1000	Other	NA	Electronic	0.89412	0.89417
EURGBP.	07-09-18	13:30-13:32	0.89313	2000								
EURGBP.	07-09-18	15:32-17:30			0.89474	07-09-18 15:38	4000	Other	NA	Electronic	0.89475	0.89481
EURGBP.	10-09-18	09:32-11:30			0.89446	10-09-18 09:42	5000	Other	NA	Electronic	0.89446	0.89452
EURGBP.	10-09-18	11:32-13:30			0.89529	10-09-18 11:32	2000	Other	NA	Electronic	0.89529	0.89534
EURGBP.	10-09-18	13:32-15:30			0.89051	10-09-18 13:33	1000	Other	NA	Electronic	0.89045	0.89051
EURGBP.	10-09-18	15:32-17:30			0.89087	10-09-18 15:50	1000	Other	NA	Electronic	0.89082	0.89087
EURGBP.	11-09-18	09:30-09:32	0.8901	1000								
EURGBP.	11-09-18	11:32-13:30			0.88975	11-09-18 11:46	1000	Other	NA	Electronic	0.88975	0.88981
EURGBP.	11-09-18	13:32-15:30			0.89141	11-09-18 14:00	1000	Other	NA	Electronic	0.89141	0.89151
EURGBP.	11-09-18	15:32-17:30			0.89091	11-09-18 15:51	1000	Other	NA	Electronic	0.89087	0.89091
EURGBP.	12-09-18	09:32-11:30			0.88968	12-09-18 09:56	1000	Other	NA	Electronic	0.88968	0.88975
EURGBP.	12-09-18	11:30-11:32	0.89145	5000								
EURGBP.	12-09-18	13:32-15:30			0.89166	12-09-18 13:42	1000	Other	NA	Electronic	0.89165	0.8917
EURGBP.	12-09-18	15:32-17:30			0.89259	12-09-18 15:44	2000	Other	NA	Electronic	0.89259	0.89266

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EURGBP.	13-09-18	09:32-11:30			0.88996	13-09-18 10:00	1000	Other	NA	Electronic	0.88996	0.89003
EURGBP.	13-09-18	11:32-13:30			0.89146	13-09-18 11:32	2000	Other	NA	Electronic	0.89141	0.89146
EURGBP.	13-09-18	13:30-13:32	0.89144	1000								
EURGBP.	13-09-18	15:32-17:30			0.89096	13-09-18 15:46	2000	Other	NA	Electronic	0.8909	0.89096
EURGBP.	14-09-18	09:30-09:32	0.89135	5000								
EURGBP.	14-09-18	11:32-13:30			0.89285	14-09-18 11:46	10000	Other	NA	Electronic	0.89275	0.89285
EURGBP.	14-09-18	13:30-13:32	0.89073	2000								
EURGBP.	14-09-18	15:32-17:30			0.89077	14-09-18 16:01	1000	Other	NA	Electronic	0.89063	0.89077
EURGBP.	17-09-18	09:32-11:30			0.88965	17-09-18 09:34	2000	Other	NA	Electronic	0.88965	0.8897
EURGBP.	17-09-18	11:32-13:30			0.88957	17-09-18 11:39	2000	Other	NA	Electronic	0.8895	0.88957
EURGBP.	17-09-18	13:32-15:30			0.8894	17-09-18 13:38	1000	Other	NA	Electronic	0.88941	0.88946
EURGBP.	17-09-18	15:32-17:30			0.88903	17-09-18 16:00	1000	Other	NA	Electronic	0.88899	0.88903
EURGBP.	18-09-18	09:30-09:32	0.89024	9000								
EURGBP.	18-09-18	11:32-13:30			0.88948	18-09-18 11:35	2000	Other	NA	Electronic	0.88948	0.88954
EURGBP.	18-09-18	13:32-15:30			0.88987	18-09-18 13:37	1000	Other	NA	Electronic	0.88983	0.88987

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EURGBP.	18-09-18	15:32-17:30			0.8885	18-09-18 16:01	2000	Other	NA	Electronic	0.88845	0.8885
EURGBP.	19-09-18	09:32-11:30			0.8878	19-09-18 09:34	5000	Other	NA	Electronic	0.8878	0.88785
EURGBP.	19-09-18	11:32-13:30			0.88749	19-09-18 11:41	4000	Other	NA	Electronic	0.88738	0.88749
EURGBP.	19-09-18	13:32-15:30			0.8876	19-09-18 14:24	5000	Other	NA	Electronic	0.88755	0.8876
EURGBP.	19-09-18	15:32-17:30			0.88814	19-09-18 15:53	1000	Other	NA	Electronic	0.88814	0.8882
EURGBP.	20-09-18	09:32-11:30			0.88593	20-09-18 09:41	1000	Other	NA	Electronic	0.88593	0.88599
EURGBP.	20-09-18	11:32-13:30			0.88572	20-09-18 11:48	10000	Other	NA	Electronic	0.88572	0.8858
EURGBP.	20-09-18	13:32-15:30			0.88559	20-09-18 13:53	6000	Other	NA	Electronic	0.88555	0.88559
EURGBP.	20-09-18	15:32-17:30			0.88721	20-09-18 15:37	1000	Other	NA	Electronic	0.88714	0.88721
EURGBP.	21-09-18	09:32-11:30			0.89323	21-09-18 09:32	1000	Other	NA	Electronic	0.89315	0.89323
EURGBP.	21-09-18	11:32-13:30			0.89159	21-09-18 11:37	1000	Other	NA	Electronic	0.89155	0.89159
EURGBP.	21-09-18	13:32-15:30			0.89815	21-09-18 13:50	8000	Other	NA	Electronic	0.89814	0.8982
EURGBP.	21-09-18	15:32-17:30			0.89835	21-09-18 15:35	1000	Other	NA	Electronic	0.89835	0.89841
EURGBP.	24-09-18	09:30-09:32	0.89684	1000								
EURGBP.	24-09-18	11:30-11:32	0.89542	250000								

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EURGBP.	24-09-18	13:32-15:30			0.89726	24-09-18 13:32	2000	Other	NA	Electronic	0.8972	0.89726
EURGBP.	24-09-18	15:32-17:30			0.89675	24-09-18 15:34	25000	Other	NA	Electronic	0.89667	0.89675
EURGBP.	25-09-18	09:32-11:30			0.89448	25-09-18 09:36	1000	Other	NA	Electronic	0.89448	0.89454
EURGBP.	25-09-18	11:32-13:30			0.89512	25-09-18 11:42	15000	Other	NA	Electronic	0.89512	0.89518
EURGBP.	25-09-18	13:30-13:32	0.89621	1000								
EURGBP.	25-09-18	15:32-17:30			0.89468	25-09-18 15:42	7000	Other	NA	Electronic	0.89462	0.89468
EURGBP.	26-09-18	09:32-11:30			0.89383	26-09-18 09:32	12000	Other	NA	Electronic	0.89377	0.89383
EURGBP.	26-09-18	11:32-13:30			0.893	26-09-18 11:37	7000	Other	NA	Electronic	0.893	0.89305
EURGBP.	26-09-18	13:32-15:30			0.8916	26-09-18 13:38	1000	Other	NA	Electronic	0.89153	0.8916
EURGBP.	26-09-18	15:32-17:30			0.89185	26-09-18 15:35	30000	Other	NA	Electronic	0.89185	0.89191
EURGBP.	27-09-18	09:32-11:30			0.89149	27-09-18 10:02	7000	Other	NA	Electronic	0.89144	0.89149
EURGBP.	27-09-18	11:32-13:30			0.8908	27-09-18 11:49	2000	Other	NA	Electronic	0.89063	0.8908
EURGBP.	27-09-18	13:32-15:30			0.89022	27-09-18 14:30	2000	Other	NA	Electronic	0.89022	0.8903
EURGBP.	27-09-18	15:30-15:32	0.8906	1000								
EURGBP.	28-09-18	09:32-11:30			0.88838	28-09-18 09:53	5000	Other	NA	Electronic	0.88832	0.88838

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EURGBP	28-09-18	11:32-13:30			0.88733	28-09-18 12:14	1000	Other	NA	Electronic	0.88728	0.88733
EURGBP	28-09-18	13:32-15:30			0.8897	28-09-18 13:37	2000	Other	NA	Electronic	0.8897	0.88978
EURGBP	28-09-18	15:32-17:30			0.89107	28-09-18 15:34	100000	Other	NA	Electronic	0.89107	0.89112
EURGBPmicro	02-07-18	09:30-09:32	0.88494	1420								
EURGBPmicro	02-07-18	11:32-13:30			0.88463	02-07-18 11:32	33100	Other	NA	Electronic	0.88463	0.88483
EURGBPmicro	02-07-18	13:30-13:32	0.88538	110								
EURGBPmicro	02-07-18	15:30-15:32	0.88391	1000								
EURGBPmicro	03-07-18	09:30-09:32	0.88404	21050								
EURGBPmicro	03-07-18	11:30-11:32	0.88366	20030								
EURGBPmicro	03-07-18	13:30-13:32	0.88433	760								
EURGBPmicro	03-07-18	15:30-15:32	0.88398	2000								
EURGBPmicro	04-07-18	09:30-09:32	0.88126	7100								
EURGBPmicro	04-07-18	11:30-11:32	0.88153	16700								
EURGBPmicro	04-07-18	13:30-13:32	0.88131	2920								
EURGBPmicro	04-07-18	15:30-15:32	0.88084	120								



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EURGBPmicro	05-07-18	09:30-09:32	0.88356	640								
EURGBPmicro	05-07-18	11:30-11:32	0.8825	5510								
EURGBPmicro	05-07-18	13:30-13:32	0.88516	80970								
EURGBPmicro	05-07-18	15:30-15:32	0.88485	1040								
EURGBPmicro	06-07-18	09:30-09:32	0.8844	40								
EURGBPmicro	06-07-18	11:30-11:32	0.88538	23440								
EURGBPmicro	06-07-18	13:30-13:32	0.88629	130								
EURGBPmicro	06-07-18	15:30-15:32	0.88562	5700								
EURGBPmicro	09-07-18	09:30-09:32	0.8828	1200								
EURGBPmicro	09-07-18	11:32-13:30			0.88272	09-07-18 11:33	40	Other	NA	Electronic	0.88272	0.88294
EURGBPmicro	09-07-18	13:30-13:32	0.88215	7390								
EURGBPmicro	09-07-18	15:30-15:32	0.88682	280								
EURGBPmicro	10-07-18	09:32-11:30			0.8848	10-07-18 09:33	300	Other	NA	Electronic	0.8848	0.88499
EURGBPmicro	10-07-18	11:30-11:32	0.88412	110								
EURGBPmicro	10-07-18	13:32-15:30			0.88276	10-07-18 13:32	800	Other	NA	Electronic	0.88257	0.88276

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EURGBPmicro	10-07-18	15:30-15:32	0.88372	3900								
EURGBPmicro	11-07-18	09:30-09:32	0.88331	2000								
EURGBPmicro	11-07-18	11:30-11:32	0.88415	10								
EURGBPmicro	11-07-18	13:30-13:32	0.88574	36230								
EURGBPmicro	11-07-18	15:30-15:32	0.88538	2070								
EURGBPmicro	12-07-18	09:30-09:32	0.88389	3510								
EURGBPmicro	12-07-18	11:30-11:32	0.88344	100								
EURGBPmicro	12-07-18	13:30-13:32	0.88315	12230								
EURGBPmicro	12-07-18	15:30-15:32	0.88346	20								
EURGBPmicro	13-07-18	09:30-09:32	0.8859	3000								
EURGBPmicro	13-07-18	11:32-13:30			0.88595	13-07-18 11:32	100	Other	NA	Electronic	0.88574	0.88595
EURGBPmicro	13-07-18	13:30-13:32	0.88407	12460								
EURGBPmicro	13-07-18	15:30-15:32	0.88304	10770								
EURGBPmicro	16-07-18	09:30-09:32	0.88238	5500								
EURGBPmicro	16-07-18	11:30-11:32	0.88246	200								

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EURGBPmicro	16-07-18	13:30-13:32	0.88288	280								
EURGBPmicro	16-07-18	15:30-15:32	0.88484	210								
EURGBPmicro	17-07-18	09:30-09:32	0.88534	5130								
EURGBPmicro	17-07-18	11:30-11:32	0.88671	23050								
EURGBPmicro	17-07-18	13:30-13:32	0.88852	120								
EURGBPmicro	17-07-18	15:32-17:30			0.8874	17-07-18 15:32	100	Other	NA	Electronic	0.88719	0.88741
EURGBPmicro	18-07-18	09:30-09:32	0.89154	1000								
EURGBPmicro	18-07-18	11:30-11:32	0.89193	2100								
EURGBPmicro	18-07-18	13:32-15:30			0.89161	18-07-18 13:32	140	Other	NA	Electronic	0.8914	0.89161
EURGBPmicro	18-07-18	15:30-15:32	0.89202	1100								
EURGBPmicro	19-07-18	09:30-09:32	0.89223	2450								
EURGBPmicro	19-07-18	11:30-11:32	0.89246	1300								
EURGBPmicro	19-07-18	13:30-13:32	0.89346	24040								
EURGBPmicro	19-07-18	15:32-17:30			0.89335	19-07-18 15:33	650	Other	NA	Electronic	0.89335	0.89355
EURGBPmicro	20-07-18	09:30-09:32	0.89512	2000								

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EURGBPmicro	20-07-18	11:30-11:32	0.89371	5000								
EURGBPmicro	20-07-18	13:30-13:32	0.89426	36070								
EURGBPmicro	20-07-18	15:30-15:32	0.89323	2000								
EURGBPmicro	23-07-18	09:30-09:32	0.89181	5310								
EURGBPmicro	23-07-18	11:30-11:32	0.89173	2160								
EURGBPmicro	23-07-18	13:30-13:32	0.89226	300								
EURGBPmicro	23-07-18	15:30-15:32	0.8931	420								
EURGBPmicro	24-07-18	09:30-09:32	0.89138	2750								
EURGBPmicro	24-07-18	11:30-11:32	0.89169	120								
EURGBPmicro	24-07-18	13:30-13:32	0.89104	660								
EURGBPmicro	24-07-18	15:30-15:32	0.88989	32820								
EURGBPmicro	25-07-18	09:30-09:32	0.88907	3640								
EURGBPmicro	25-07-18	11:30-11:32	0.88873	80								
EURGBPmicro	25-07-18	13:30-13:32	0.88892	20								
EURGBPmicro	25-07-18	15:30-15:32	0.88798	200								

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EURGBPmicro	26-07-18	09:30-09:32	0.88787	2050								
EURGBPmicro	26-07-18	11:30-11:32	0.88875	3500								
EURGBPmicro	26-07-18	13:30-13:32	0.88847	2570								
EURGBPmicro	26-07-18	15:30-15:32	0.88716	100								
EURGBPmicro	27-07-18	09:30-09:32	0.88822	100								
EURGBPmicro	27-07-18	11:30-11:32	0.88756	200								
EURGBPmicro	27-07-18	13:30-13:32	0.88857	2900								
EURGBPmicro	27-07-18	15:30-15:32	0.88808	190								
EURGBPmicro	30-07-18	09:30-09:32	0.89018	2100								
EURGBPmicro	30-07-18	11:30-11:32	0.89062	140								
EURGBPmicro	30-07-18	13:32-15:30			0.89093	30-07-18 13:38	2500	Other	NA	Electronic	0.89093	0.89113
EURGBPmicro	30-07-18	15:32-17:30			0.89105	30-07-18 15:33	10	Other	NA	Electronic	0.89109	0.89129
EURGBPmicro	31-07-18	09:30-09:32	0.89124	2330								
EURGBPmicro	31-07-18	11:30-11:32	0.89166	20300								
EURGBPmicro	31-07-18	13:30-13:32	0.89197	20100								

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EURGBPmicro	31-07-18	15:30-15:32	0.89245	500								
EURGBPmicro	01-08-18	09:30-09:32	0.89096	250								
EURGBPmicro	01-08-18	11:30-11:32	0.88964	18100								
EURGBPmicro	01-08-18	13:32-15:30			0.88995	01-08-18 13:36	200	Other	NA	Electronic	0.88995	0.89013
EURGBPmicro	01-08-18	15:30-15:32	0.88946	2000								
EURGBPmicro	02-08-18	09:30-09:32	0.88837	23420								
EURGBPmicro	02-08-18	11:30-11:32	0.88712	490								
EURGBPmicro	02-08-18	13:30-13:32	0.8903	1320								
EURGBPmicro	02-08-18	15:30-15:32	0.89104	4200								
EURGBPmicro	03-08-18	09:30-09:32	0.89049	260								
EURGBPmicro	03-08-18	11:32-13:30			0.89004	03-08-18 11:32	1750	Other	NA	Electronic	0.88986	0.89003
EURGBPmicro	03-08-18	13:30-13:32	0.88999	1510								
EURGBPmicro	03-08-18	15:30-15:32	0.8909	1400								
EURGBPmicro	06-08-18	09:30-09:32	0.89178	2000								
EURGBPmicro	06-08-18	11:32-13:30			0.89218	06-08-18 11:32	50	Other	NA	Electronic	0.89199	0.89218

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EURGBPmicro	06-08-18	13:30-13:32	0.89275	310								
EURGBPmicro	06-08-18	15:30-15:32	0.89328	2560								
EURGBPmicro	07-08-18	09:30-09:32	0.89367	140								
EURGBPmicro	07-08-18	11:30-11:32	0.89471	2420								
EURGBPmicro	07-08-18	13:30-13:32	0.8954	3830								
EURGBPmicro	07-08-18	15:30-15:32	0.89472	2720								
EURGBPmicro	08-08-18	09:30-09:32	0.89887	50840								
EURGBPmicro	08-08-18	11:30-11:32	0.90126	660								
EURGBPmicro	08-08-18	13:32-15:30			0.90089	08-08-18 13:32	10	Other	NA	Electronic	0.90051	0.90069
EURGBPmicro	08-08-18	15:30-15:32	0.90036	4000								
EURGBPmicro	09-08-18	09:30-09:32	0.90057	100210								
EURGBPmicro	09-08-18	11:30-11:32	0.89962	290								
EURGBPmicro	09-08-18	13:30-13:32	0.89933	250								
EURGBPmicro	09-08-18	15:30-15:32	0.89884	15000								
EURGBPmicro	10-08-18	09:30-09:32	0.89739	140								

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EURGBPmicro	10-08-18	11:30-11:32	0.89736	430								
EURGBPmicro	10-08-18	13:30-13:32	0.89724	5150								
EURGBPmicro	10-08-18	15:30-15:32	0.89319	2870								
EURGBPmicro	13-08-18	09:30-09:32	0.89281	2700								
EURGBPmicro	13-08-18	11:32-13:30			0.8921	13-08-18 11:32	100	Other	NA	Electronic	0.8921	0.89228
EURGBPmicro	13-08-18	13:30-13:32	0.8942	400								
EURGBPmicro	13-08-18	15:30-15:32	0.89384	60								
EURGBPmicro	14-08-18	09:30-09:32	0.89144	30100								
EURGBPmicro	14-08-18	11:32-13:30			0.89299	14-08-18 11:34	100	Other	NA	Electronic	0.89299	0.89317
EURGBPmicro	14-08-18	13:30-13:32	0.8917	100								
EURGBPmicro	14-08-18	15:30-15:32	0.89144	2200								
EURGBPmicro	15-08-18	09:30-09:32	0.89059	1040								
EURGBPmicro	15-08-18	11:30-11:32	0.89069	20								
EURGBPmicro	15-08-18	13:30-13:32	0.89221	52210								
EURGBPmicro	15-08-18	15:30-15:32	0.89185	80420								



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EURGBPmicro	16-08-18	09:30-09:32	0.89463	610								
EURGBPmicro	16-08-18	11:30-11:32	0.89497	10								
EURGBPmicro	16-08-18	13:32-15:30			0.89545	16-08-18 13:32	20	Other	NA	Electronic	0.89526	0.89545
EURGBPmicro	16-08-18	15:32-17:30			0.89548	16-08-18 15:34	150	Other	NA	Electronic	0.8953	0.89548
EURGBPmicro	17-08-18	09:30-09:32	0.89625	10								
EURGBPmicro	17-08-18	11:30-11:32	0.8957	440								
EURGBPmicro	17-08-18	13:30-13:32	0.89625	400								
EURGBPmicro	17-08-18	15:30-15:32	0.89616	150								
EURGBPmicro	20-08-18	09:30-09:32	0.89535	3250								
EURGBPmicro	20-08-18	11:30-11:32	0.89452	100								
EURGBPmicro	20-08-18	13:30-13:32	0.89537	120								
EURGBPmicro	20-08-18	15:30-15:32	0.89614	2010								
EURGBPmicro	21-08-18	09:32-11:30			0.89874	21-08-18 09:33	100	Other	NA	Electronic	0.89874	0.89891
EURGBPmicro	21-08-18	11:32-13:30			0.89774	21-08-18 11:33	50	Other	NA	Electronic	0.89755	0.89774
EURGBPmicro	21-08-18	13:30-13:32	0.89633	2110								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBPmicro	21-08-18	15:30-15:32	0.89623	190								
EURGBPmicro	22-08-18	09:30-09:32	0.89891	3340								
EURGBPmicro	22-08-18	11:30-11:32	0.89963	1000								
EURGBPmicro	22-08-18	13:30-13:32	0.89811	1100								
EURGBPmicro	22-08-18	15:32-17:30			0.89827	22-08-18 15:43	800	Other	NA	Electronic	0.89807	0.89827
EURGBPmicro	23-08-18	09:30-09:32	0.89859	2010								
EURGBPmicro	23-08-18	11:30-11:32	0.8983	150								
EURGBPmicro	23-08-18	13:30-13:32	0.89948	1100								
EURGBPmicro	23-08-18	15:30-15:32	0.90195	2400								
EURGBPmicro	24-08-18	09:30-09:32	0.90235	830								
EURGBPmicro	24-08-18	11:30-11:32	0.90101	150								
EURGBPmicro	24-08-18	13:30-13:32	0.9022	60								
EURGBPmicro	24-08-18	15:30-15:32	0.90445	1000								
EURGBPmicro	27-08-18	09:30-09:32	0.90452	2400								
EURGBPmicro	27-08-18	11:30-11:32	0.90372	650								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBPmicro	27-08-18	13:30-13:32	0.90396	20								
EURGBPmicro	27-08-18	15:30-15:32	0.90573	2000								
EURGBPmicro	28-08-18	09:30-09:32	0.9064	200								
EURGBPmicro	28-08-18	11:30-11:32	0.90689	2050								
EURGBPmicro	28-08-18	13:30-13:32	0.90717	220								
EURGBPmicro	28-08-18	15:30-15:32	0.90933	3570								
EURGBPmicro	29-08-18	09:30-09:32	0.90588	2560								
EURGBPmicro	29-08-18	11:30-11:32	0.90493	12400								
EURGBPmicro	29-08-18	13:30-13:32	0.90644	2300								
EURGBPmicro	29-08-18	15:30-15:32	0.89939	11020								
EURGBPmicro	30-08-18	09:30-09:32	0.89879	630								
EURGBPmicro	30-08-18	11:30-11:32	0.89827	120								
EURGBPmicro	30-08-18	13:30-13:32	0.89642	3850								
EURGBPmicro	30-08-18	15:30-15:32	0.89645	300								
EURGBPmicro	31-08-18	09:30-09:32	0.89681	70								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBPmicro	31-08-18	11:30-11:32	0.89665	2140								
EURGBPmicro	31-08-18	13:32-15:30			0.89715	31-08-18 13:35	10	Other	NA	Electronic	0.89715	0.89733
EURGBPmicro	31-08-18	15:30-15:32	0.8943	19680								
EURGBPmicro	03-09-18	09:30-09:32	0.90111	850								
EURGBPmicro	03-09-18	11:30-11:32	0.90245	5300								
EURGBPmicro	03-09-18	13:30-13:32	0.90195	1260								
EURGBPmicro	03-09-18	15:30-15:32	0.90201	400								
EURGBPmicro	04-09-18	09:32-11:30			0.90178	04-09-18 09:33	300	Other	NA	Electronic	0.90178	0.90195
EURGBPmicro	04-09-18	11:30-11:32	0.90125	3220								
EURGBPmicro	04-09-18	13:30-13:32	0.89961	2100								
EURGBPmicro	04-09-18	15:30-15:32	0.90154	37270								
EURGBPmicro	05-09-18	09:30-09:32	0.90357	7150								
EURGBPmicro	05-09-18	11:32-13:30			0.90396	05-09-18 11:32	120	Other	NA	Electronic	0.90396	0.90414
EURGBPmicro	05-09-18	13:30-13:32	0.89645	3230								
EURGBPmicro	05-09-18	15:30-15:32	0.90102	13270								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURGBPmicro	06-09-18	09:32-11:30			0.89913	06-09-18 09:35	400	Other	NA	Electronic	0.89896	0.89913
EURGBPmicro	06-09-18	11:30-11:32	0.89908	2490								
EURGBPmicro	06-09-18	13:32-15:30			0.8991	06-09-18 13:39	1000	Other	NA	Electronic	0.8991	0.89927
EURGBPmicro	06-09-18	15:32-17:30			0.89816	06-09-18 15:35	100	Other	NA	Electronic	0.89816	0.89835
EURGBPmicro	07-09-18	09:32-11:30			0.90009	07-09-18 09:34	10	Other	NA	Electronic	0.90009	0.90026
EURGBPmicro	07-09-18	11:30-11:32	0.89343	950								
EURGBPmicro	07-09-18	13:30-13:32	0.89299	220								
EURGBPmicro	07-09-18	15:30-15:32	0.89428	50								
EURGBPmicro	10-09-18	09:30-09:32	0.89438	4540								
EURGBPmicro	10-09-18	11:32-13:30			0.89539	10-09-18 11:32	150	Other	NA	Electronic	0.89522	0.89539
EURGBPmicro	10-09-18	13:30-13:32	0.89005	450								
EURGBPmicro	10-09-18	15:30-15:32	0.89098	190								
EURGBPmicro	11-09-18	09:30-09:32	0.89017	1410								
EURGBPmicro	11-09-18	11:30-11:32	0.88951	130								
EURGBPmicro	11-09-18	13:30-13:32	0.89138	160								

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EURGBPmicro	11-09-18	15:32-17:30			0.89167	11-09-18 15:35	70	Other	NA	Electronic	0.89167	0.89184
EURGBPmicro	12-09-18	09:30-09:32	0.8896	4000								
EURGBPmicro	12-09-18	11:30-11:32	0.89133	300								
EURGBPmicro	12-09-18	13:30-13:32	0.89155	250								
EURGBPmicro	12-09-18	15:30-15:32	0.89291	190								
EURGBPmicro	13-09-18	09:30-09:32	0.88988	2170								
EURGBPmicro	13-09-18	11:32-13:30			0.89136	13-09-18 11:34	10	Other	NA	Electronic	0.89118	0.89136
EURGBPmicro	13-09-18	13:30-13:32	0.8916	3550								
EURGBPmicro	13-09-18	15:30-15:32	0.89133	430								
EURGBPmicro	14-09-18	09:30-09:32	0.89157	700								
EURGBPmicro	14-09-18	11:32-13:30			0.8919	14-09-18 11:36	2000	Other	NA	Electronic	0.8919	0.89209
EURGBPmicro	14-09-18	13:30-13:32	0.89053	670								
EURGBPmicro	14-09-18	15:30-15:32	0.89155	130								
EURGBPmicro	17-09-18	09:30-09:32	0.88972	200								
EURGBPmicro	17-09-18	11:32-13:30			0.88905	17-09-18 11:35	500	Other	NA	Electronic	0.88905	0.88924

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EURGBPmicro	17-09-18	13:32-15:30			0.88925	17-09-18 13:32	300	Other	NA	Electronic	0.88908	0.88925
EURGBPmicro	17-09-18	15:30-15:32	0.88936	220								
EURGBPmicro	18-09-18	09:30-09:32	0.89016	7220								
EURGBPmicro	18-09-18	11:30-11:32	0.88942	1400								
EURGBPmicro	18-09-18	13:30-13:32	0.88978	150								
EURGBPmicro	18-09-18	15:30-15:32	0.88901	2160								
EURGBPmicro	19-09-18	09:30-09:32	0.88748	120								
EURGBPmicro	19-09-18	11:30-11:32	0.88913	930								
EURGBPmicro	19-09-18	13:30-13:32	0.88856	370								
EURGBPmicro	19-09-18	15:30-15:32	0.88791	4200								
EURGBPmicro	20-09-18	09:30-09:32	0.8859	1660								
EURGBPmicro	20-09-18	11:30-11:32	0.88513	1990								
EURGBPmicro	20-09-18	13:30-13:32	0.88687	22700								
EURGBPmicro	20-09-18	15:30-15:32	0.88742	440								
EURGBPmicro	21-09-18	09:30-09:32	0.89262	14360								

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EURGBPmicro	21-09-18	11:30-11:32	0.89186	250								
EURGBPmicro	21-09-18	13:30-13:32	0.89749	24280								
EURGBPmicro	21-09-18	15:32-17:30			0.89857	21-09-18 15:35	8000	Other	NA	Electronic	0.89838	0.89857
EURGBPmicro	24-09-18	09:32-11:30			0.89697	24-09-18 09:38	200	Other	NA	Electronic	0.89678	0.89697
EURGBPmicro	24-09-18	11:30-11:32	0.89541	1290								
EURGBPmicro	24-09-18	13:30-13:32	0.89707	5660								
EURGBPmicro	24-09-18	15:30-15:32	0.89678	60								
EURGBPmicro	25-09-18	09:32-11:30			0.89432	25-09-18 09:32	350	Other	NA	Electronic	0.89432	0.89452
EURGBPmicro	25-09-18	11:30-11:32	0.89538	270								
EURGBPmicro	25-09-18	13:30-13:32	0.89621	450								
EURGBPmicro	25-09-18	15:30-15:32	0.8948	270								
EURGBPmicro	26-09-18	09:30-09:32	0.89365	1400								
EURGBPmicro	26-09-18	11:30-11:32	0.89331	360								
EURGBPmicro	26-09-18	13:30-13:32	0.89172	10								
EURGBPmicro	26-09-18	15:30-15:32	0.89176	600								



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EURGBPmicro	27-09-18	09:30-09:32	0.89305	300								
EURGBPmicro	27-09-18	11:32-13:30			0.89159	27-09-18 11:32	10	Other	NA	Electronic	0.89141	0.89159
EURGBPmicro	27-09-18	13:30-13:32	0.89001	1750								
EURGBPmicro	27-09-18	15:30-15:32	0.89048	7280								
EURGBPmicro	28-09-18	09:30-09:32	0.8881	100								
EURGBPmicro	28-09-18	11:30-11:32	0.88782	920								
EURGBPmicro	28-09-18	13:30-13:32	0.88916	2060								
EURGBPmicro	28-09-18	15:30-15:32	0.89065	3420								
EURGBPmini	04-07-18	09:32-11:30			0.88095	04-07-18 09:38	400	Other	NA	Electronic	0.88077	0.88095
EURGBPmini	09-07-18	13:32-15:30			0.88649	09-07-18 15:05	800	Other	NA	Electronic	0.88627	0.88647
EURGBPmini	09-07-18	15:32-17:30			0.88751	09-07-18 15:44	400	Other	NA	Electronic	0.88751	0.88771
EURGBPmini	17-07-18	13:30-13:32	0.88861	800								
EURGBPmini	18-07-18	13:32-15:30			0.89228	18-07-18 14:05	800	Other	NA	Electronic	0.89228	0.89248
EURGBPmini	19-07-18	11:32-13:30			0.89394	19-07-18 13:01	1200	Other	NA	Electronic	0.89394	0.89414
EURGBPmini	26-07-18	13:32-15:30			0.88734	26-07-18 14:47	800	Other	NA	Electronic	0.88713	0.88733

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EURGBPmini	07-09-18	11:32-13:30			0.89411	07-09-18 11:45	6300	Other	NA	Electronic	0.89411	0.89427
EURGBPmini	10-09-18	11:32-13:30			0.89054	10-09-18 12:59	6300	Other	NA	Electronic	0.89034	0.89054
EURGBPmini	10-09-18	13:32-15:30			0.89121	10-09-18 13:50	800	Other	NA	Electronic	0.89121	0.89141
EURGBPmini	11-09-18	11:32-13:30			0.88778	11-09-18 12:15	800	Other	NA	Electronic	0.88751	0.88778
EURGBPmini	18-09-18	15:32-17:30			0.88727	18-09-18 16:43	800	Other	NA	Electronic	0.88708	0.88727
EURGBPmini	21-09-18	09:32-11:30			0.89288	21-09-18 10:20	800	Other	NA	Electronic	0.8927	0.89288
EURGBPmini	21-09-18	11:32-13:30			0.89618	21-09-18 13:05	800	Other	NA	Electronic	0.89618	0.89639
EURGBPmini	21-09-18	13:32-15:30			0.89846	21-09-18 14:30	800	Other	NA	Electronic	0.89826	0.89846
EURHKD	02-07-18	11:32-13:30			9.10204	02-07-18 13:26	1000	Other	NA	Electronic	9.10204	9.10525
EURHKD	02-07-18	13:32-15:30			9.09823	02-07-18 13:47	1000	Other	NA	Electronic	9.09823	9.10142
EURHKD	03-07-18	11:32-13:30			9.14114	03-07-18 11:32	10000	Other	NA	Electronic	9.14114	9.14437
EURHKD	04-07-18	09:32-11:30			9.12134	04-07-18 10:12	1000	Other	NA	Electronic	9.12134	9.12454
EURHKD	04-07-18	15:32-17:30			9.14501	04-07-18 16:21	1000	Other	NA	Electronic	9.1418	9.14501
EURHKD	05-07-18	11:32-13:30			9.19679	05-07-18 12:21	58000	Other	NA	Electronic	9.16513	9.17657
EURHKD	06-07-18	09:32-11:30			9.19415	06-07-18 11:23	1000	Other	NA	Electronic	9.19415	9.19736

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHKD	06-07-18	11:32-13:30			9.22404	06-07-18 12:39	1000	Other	NA	Electronic	9.22081	9.22404
EURHKD	06-07-18	13:32-15:30			9.22227	06-07-18 13:55	1000	Other	NA	Electronic	9.22227	9.22549
EURHKD	06-07-18	15:32-17:30			9.21574	06-07-18 16:16	2000	Other	NA	Electronic	9.21251	9.21574
EURHKD	09-07-18	09:32-11:30			9.23774	09-07-18 09:35	1000	Other	NA	Electronic	9.23774	9.24093
EURHKD	09-07-18	13:32-15:30			9.24102	09-07-18 13:32	1000	Other	NA	Electronic	9.23783	9.24102
EURHKD	09-07-18	15:32-17:30			9.21489	09-07-18 16:46	1000	Other	NA	Electronic	9.21489	9.2181
EURHKD	10-07-18	09:32-11:30			9.20308	10-07-18 10:11	1000	Other	NA	Electronic	9.19981	9.20308
EURHKD	10-07-18	13:32-15:30			9.20143	10-07-18 15:18	20000	Other	NA	Electronic	9.20143	9.20464
EURHKD	10-07-18	15:32-17:30			9.21213	10-07-18 16:32	1000	Other	NA	Electronic	9.20894	9.21213
EURHKD	11-07-18	09:32-11:30			9.19144	11-07-18 09:46	1000	Other	NA	Electronic	9.18825	9.19144
EURHKD	11-07-18	11:32-13:30			9.20328	11-07-18 12:14	1000	Other	NA	Electronic	9.19977	9.20328
EURHKD	11-07-18	13:32-15:30			9.21189	11-07-18 14:08	1000	Other	NA	Electronic	9.21189	9.21541
EURHKD	11-07-18	15:32-17:30			9.19907	11-07-18 16:00	1000	Other	NA	Electronic	9.19912	9.20251
EURHKD	12-07-18	09:32-11:30			9.16625	12-07-18 09:59	20000	Other	NA	Electronic	9.16306	9.16625
EURHKD	12-07-18	11:32-13:30			9.14607	12-07-18 11:54	1000	Other	NA	Electronic	9.14607	9.14931

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EURHKD	12-07-18	13:32-15:30			9.17414	12-07-18 15:05	1000	Other	NA	Electronic	9.17091	9.17414
EURHKD	12-07-18	15:32-17:30			9.17403	12-07-18 17:04	1000	Other	NA	Electronic	9.17078	9.17403
EURHKD	13-07-18	11:32-13:30			9.13564	13-07-18 12:24	10000	Other	NA	Electronic	9.13564	9.13888
EURHKD	13-07-18	13:32-15:30			9.14708	13-07-18 14:23	2000	Other	NA	Electronic	9.14388	9.14708
EURHKD	13-07-18	15:30-15:32	9.15721	2000								
EURHKD	16-07-18	15:32-17:30			9.19559	16-07-18 17:29	1000	Other	NA	Electronic	9.19232	9.19559
EURHKD	18-07-18	09:32-11:30			9.11896	18-07-18 11:01	1000	Other	NA	Electronic	9.11896	9.12217
EURHKD	18-07-18	11:32-13:30			9.12335	18-07-18 12:41	15000	Other	NA	Electronic	9.12012	9.12335
EURHKD	18-07-18	13:32-15:30			9.13271	18-07-18 13:49	1000	Other	NA	Electronic	9.13271	9.1359
EURHKD	18-07-18	15:32-17:30			9.13879	18-07-18 15:58	3000	Other	NA	Electronic	9.13879	9.142
EURHKD	19-07-18	09:32-11:30			9.10165	19-07-18 09:41	1000	Other	NA	Electronic	9.10165	9.10486
EURHKD	19-07-18	11:32-13:30			9.10063	19-07-18 11:35	2000	Other	NA	Electronic	9.10063	9.10386
EURHKD	19-07-18	13:32-15:30			9.11803	19-07-18 15:00	1000	Other	NA	Electronic	9.11484	9.11803
EURHKD	19-07-18	15:32-17:30			9.10969	19-07-18 16:32	1000	Other	NA	Electronic	9.10969	9.1129
EURHKD	20-07-18	15:32-17:30			9.18592	20-07-18 15:41	1000	Other	NA	Electronic	9.18592	9.18913

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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EURHKD	23-07-18	09:32-11:30			9.17655	23-07-18 10:00	1000	Other	NA	Electronic	9.17655	9.1798
EURHKD	24-07-18	11:32-13:30			9.18306	24-07-18 12:21	1000	Other	NA	Electronic	9.17985	9.18306
EURHKD	24-07-18	13:32-15:30			9.18562	24-07-18 13:43	1000	Other	NA	Electronic	9.18209	9.18562
EURHKD	24-07-18	15:32-17:30			9.16568	24-07-18 16:05	1000	Other	NA	Electronic	9.16568	9.16895
EURHKD	25-07-18	09:32-11:30			9.17146	25-07-18 11:15	1000	Other	NA	Electronic	9.17146	9.17466
EURHKD	26-07-18	09:32-11:30			9.18894	26-07-18 09:45	2000	Other	NA	Electronic	9.18894	9.19217
EURHKD	26-07-18	11:32-13:30			9.1762	26-07-18 12:55	1000	Other	NA	Electronic	9.1762	9.17975
EURHKD	26-07-18	13:32-15:30			9.16761	26-07-18 13:42	1000	Other	NA	Electronic	9.16761	9.17082
EURHKD	26-07-18	15:32-17:30			9.14865	26-07-18 16:03	2000	Other	NA	Electronic	9.1454	9.14865
EURHKD	27-07-18	11:32-13:30			9.121	27-07-18 12:13	101000	Other	NA	Electronic	9.121	9.12421
EURHKD	01-08-18	09:32-11:30			9.16625	01-08-18 09:35	20000	Other	NA	Electronic	9.16625	9.16958
EURHKD	01-08-18	11:32-13:30			9.18081	01-08-18 12:14	20000	Other	NA	Electronic	9.17739	9.18081
EURHKD	01-08-18	13:32-15:30			9.16109	01-08-18 14:57	10000	Other	NA	Electronic	9.16109	9.16432
EURHKD	01-08-18	15:32-17:30			9.15882	01-08-18 15:44	1000	Other	NA	Electronic	9.15882	9.16203
EURHKD	03-08-18	13:32-15:30			9.08976	03-08-18 14:23	1000	Other	NA	Electronic	9.08655	9.08976

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHKD	06-08-18	15:32-17:30			9.06933	06-08-18 16:19	1000	Other	NA	Electronic	9.06933	9.07254
EURHKD	07-08-18	09:32-11:30			9.10245	07-08-18 10:48	1000	Other	NA	Electronic	9.09922	9.10245
EURHKD	07-08-18	15:32-17:30			9.10184	07-08-18 16:01	1000	Other	NA	Electronic	9.10184	9.10502
EURHKD	09-08-18	13:32-15:30			9.0971	09-08-18 13:59	1000	Other	NA	Electronic	9.0971	9.10029
EURHKD	09-08-18	15:32-17:30			9.07149	09-08-18 16:41	1000	Other	NA	Electronic	9.07149	9.07471
EURHKD	10-08-18	13:32-15:30			8.9733	10-08-18 14:40	1000	Other	NA	Electronic	8.97005	8.9733
EURHKD	10-08-18	15:32-17:30			8.93869	10-08-18 17:23	1000	Other	NA	Electronic	8.93869	8.94219
EURHKD	13-08-18	13:32-15:30			8.96596	13-08-18 13:33	2000	Other	NA	Electronic	8.96596	8.96919
EURHKD	14-08-18	15:32-17:30			8.89904	14-08-18 17:11	1000	Other	NA	Electronic	8.89904	8.9023
EURHKD	15-08-18	13:32-15:30			8.89876	15-08-18 15:15	1000	Other	NA	Electronic	8.89539	8.89876
EURHKD	16-08-18	13:32-15:30			8.9538	16-08-18 13:55	1000	Other	NA	Electronic	8.95061	8.9538
EURHKD	16-08-18	15:32-17:30			8.91692	16-08-18 16:51	1000	Other	NA	Electronic	8.91692	8.92012
EURHKD	20-08-18	15:32-17:30			8.98313	20-08-18 15:58	1000	Other	NA	Electronic	8.97991	8.98313
EURHKD	21-08-18	11:32-13:30			9.04605	21-08-18 11:53	1000	Other	NA	Electronic	9.04284	9.04605
EURHKD	22-08-18	11:32-13:30			9.12151	22-08-18 13:06	1000	Other	NA	Electronic	9.11828	9.12151

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHKD	23-08-18	09:32-11:30			9.07099	23-08-18 09:42	2000	Other	NA	Electronic	9.07099	9.0742
EURHKD	23-08-18	13:32-15:30			9.09533	23-08-18 14:02	2000	Other	NA	Electronic	9.09211	9.09533
EURHKD	23-08-18	15:32-17:30			9.0806	23-08-18 15:51	2000	Other	NA	Electronic	9.0806	9.08382
EURHKD	24-08-18	13:32-15:30			9.11605	24-08-18 14:02	2000	Other	NA	Electronic	9.11605	9.1201
EURHKD	28-08-18	09:32-11:30			9.18516	28-08-18 10:18	1000	Other	NA	Electronic	9.18516	9.18838
EURHKD	29-08-18	09:32-11:30			9.16392	29-08-18 10:22	1000	Other	NA	Electronic	9.16073	9.16392
EURHKD	29-08-18	11:32-13:30			9.15726	29-08-18 12:46	1000	Other	NA	Electronic	9.15405	9.15726
EURHKD	29-08-18	13:32-15:30			9.17815	29-08-18 14:14	1000	Other	NA	Electronic	9.17815	9.18136
EURHKD	30-08-18	11:32-13:30			9.17712	30-08-18 12:03	1000	Other	NA	Electronic	9.17389	9.17712
EURHKD	30-08-18	15:32-17:30			9.14213	30-08-18 15:50	2000	Other	NA	Electronic	9.13894	9.14213
EURHKD	31-08-18	13:32-15:30			9.12773	31-08-18 15:06	1000	Other	NA	Electronic	9.12773	9.13113
EURHKD	03-09-18	13:32-15:30			9.12287	03-09-18 14:42	1000	Other	NA	Electronic	9.11966	9.12287
EURHKD	04-09-18	09:32-11:30			9.0737	04-09-18 10:01	1000	Other	NA	Electronic	9.07049	9.07372
EURHKD	04-09-18	11:32-13:30			9.0749	04-09-18 12:05	1000	Other	NA	Electronic	9.07171	9.0749
EURHKD	07-09-18	09:32-11:30			9.138	07-09-18 09:44	1000	Other	NA	Electronic	9.138	9.14119

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EURHKD	07-09-18	15:32-17:30			9.071	07-09-18 16:30	1000	Other	NA	Electronic	9.071	9.07444
EURHKD	10-09-18	09:32-11:30			9.08514	10-09-18 10:22	1000	Other	NA	Electronic	9.08514	9.08831
EURHKD	10-09-18	11:32-13:30			9.08656	10-09-18 12:34	1000	Other	NA	Electronic	9.08656	9.09024
EURHKD	10-09-18	13:32-15:30			9.11208	10-09-18 14:45	1000	Other	NA	Electronic	9.11208	9.11529
EURHKD	10-09-18	15:32-17:30			9.10776	10-09-18 16:39	1000	Other	NA	Electronic	9.10438	9.10776
EURHKD	11-09-18	09:32-11:30			9.10895	11-09-18 09:33	1000	Other	NA	Electronic	9.10895	9.11212
EURHKD	12-09-18	13:32-15:30			9.14107	12-09-18 15:21	1000	Other	NA	Electronic	9.13785	9.14107
EURHKD	12-09-18	15:32-17:30			9.13131	12-09-18 15:35	2000	Other	NA	Electronic	9.13131	9.13451
EURHKD	13-09-18	11:32-13:30			9.16359	13-09-18 12:50	1000	Other	NA	Electronic	9.16359	9.16679
EURHKD	13-09-18	15:32-17:30			9.16529	13-09-18 15:43	1000	Other	NA	Electronic	9.16212	9.16529
EURHKD	14-09-18	09:32-11:30			9.18097	14-09-18 11:12	2000	Other	NA	Electronic	9.18097	9.18419
EURHKD	18-09-18	13:32-15:30			9.17682	18-09-18 14:52	1000	Other	NA	Electronic	9.17682	9.18025
EURHKD	18-09-18	15:32-17:30			9.15557	18-09-18 16:36	1000	Other	NA	Electronic	9.1524	9.15557
EURHKD	19-09-18	09:32-11:30			9.17474	19-09-18 09:59	10000	Other	NA	Electronic	9.17474	9.17793
EURHKD	20-09-18	15:32-17:30			9.21569	20-09-18 16:32	2000	Other	NA	Electronic	9.21569	9.21889



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EURHKD	24-09-18	09:32-11:30			9.19351	24-09-18 09:38	1000	Other	NA	Electronic	9.19351	9.19719
EURHKD	24-09-18	11:32-13:30			9.17798	24-09-18 12:56	1000	Other	NA	Electronic	9.17473	9.17798
EURHKD	24-09-18	15:32-17:30			9.19343	24-09-18 15:45	1000	Other	NA	Electronic	9.19001	9.19343
EURHKD	26-09-18	09:32-11:30			9.17687	26-09-18 11:04	1000	Other	NA	Electronic	9.17687	9.18006
EURHKD	26-09-18	11:32-13:30			9.17088	26-09-18 12:07	1000	Other	NA	Electronic	9.16749	9.17088
EURHKD	26-09-18	13:32-15:30			9.15851	26-09-18 13:36	1000	Other	NA	Electronic	9.15851	9.16185
EURHKD	28-09-18	09:32-11:30			9.06693	28-09-18 10:14	1000	Other	NA	Electronic	9.06693	9.07015
EURHKD	28-09-18	11:32-13:30			9.06538	28-09-18 12:53	1000	Other	NA	Electronic	9.06217	9.06538
EURHKD	28-09-18	13:32-15:30			9.06796	28-09-18 14:14	1000	Other	NA	Electronic	9.06461	9.06796
EURHKD	28-09-18	15:32-17:30			9.08962	28-09-18 17:12	1000	Other	NA	Electronic	9.08217	9.08962
EURHKD.	05-07-18	11:32-13:30			9.19769	05-07-18 12:22	2000	Other	NA	Electronic	9.13838	9.13934
EURHKD.	16-07-18	09:32-11:30			9.19738	16-07-18 11:04	3000	Other	NA	Electronic	9.19643	9.19738
EURHKD.	22-08-18	11:32-13:30			9.11035	22-08-18 13:22	1000	Other	NA	Electronic	9.11035	9.11128
EURHKD.	22-08-18	13:32-15:30			9.11064	22-08-18 13:32	1000	Other	NA	Electronic	9.11064	9.11159
EURHKD.	20-09-18	11:32-13:30			9.21035	20-09-18 11:34	1000	Other	NA	Electronic	9.20861	9.21106

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EURHKD.	25-09-18	13:32-15:30			9.21006	25-09-18 14:08	1000	Other	NA	Electronic	9.20874	9.21006
EURHKD.	28-09-18	09:32-11:30			9.05869	28-09-18 11:06	1000	Other	NA	Electronic	9.05869	9.05968
EURHKDmicro	02-07-18	09:32-11:30			9.13615	02-07-18 10:42	50	Other	NA	Electronic	9.13293	9.13615
EURHKDmicro	02-07-18	11:32-13:30			9.12415	02-07-18 12:01	100	Other	NA	Electronic	9.12059	9.12415
EURHKDmicro	02-07-18	13:32-15:30			9.09696	02-07-18 13:40	1000	Other	NA	Electronic	9.09696	9.10025
EURHKDmicro	03-07-18	09:32-11:30			9.14177	03-07-18 10:04	100	Other	NA	Electronic	9.14177	9.14497
EURHKDmicro	03-07-18	11:30-11:32	9.14174	40								
EURHKDmicro	03-07-18	15:32-17:30			9.13877	03-07-18 16:41	40	Other	NA	Electronic	9.13556	9.13877
EURHKDmicro	04-07-18	09:32-11:30			9.12601	04-07-18 09:43	300	Other	NA	Electronic	9.12281	9.12601
EURHKDmicro	04-07-18	11:32-13:30			9.13279	04-07-18 12:22	860	Other	NA	Electronic	9.12958	9.13279
EURHKDmicro	04-07-18	15:32-17:30			9.12718	04-07-18 16:08	100	Other	NA	Electronic	9.12718	9.13039
EURHKDmicro	05-07-18	11:32-13:30			9.19321	05-07-18 12:20	360	Other	NA	Electronic	9.19321	9.19644
EURHKDmicro	05-07-18	13:32-15:30			9.17691	05-07-18 13:38	100	Other	NA	Electronic	9.17691	9.18013
EURHKDmicro	06-07-18	11:32-13:30			9.19623	06-07-18 12:30	100	Other	NA	Electronic	9.19623	9.21837
EURHKDmicro	06-07-18	13:32-15:30			9.23058	06-07-18 14:17	200	Other	NA	Electronic	9.23058	9.23379

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EURHKDmicro	09-07-18	11:32-13:30			9.24108	09-07-18 12:59	10	Other	NA	Electronic	9.24108	9.24429
EURHKDmicro	09-07-18	13:32-15:30			9.22193	09-07-18 14:30	10	Other	NA	Electronic	9.21863	9.22189
EURHKDmicro	10-07-18	09:32-11:30			9.20182	10-07-18 09:42	2000	Other	NA	Electronic	9.19861	9.20182
EURHKDmicro	10-07-18	11:30-11:32	9.18637	100								
EURHKDmicro	10-07-18	13:32-15:30			9.19628	10-07-18 14:45	10	Other	NA	Electronic	9.19309	9.19628
EURHKDmicro	11-07-18	09:32-11:30			9.18679	11-07-18 09:45	200	Other	NA	Electronic	9.18679	9.19002
EURHKDmicro	11-07-18	11:32-13:30			9.21267	11-07-18 12:14	10	Other	NA	Electronic	9.20633	9.21267
EURHKDmicro	11-07-18	15:32-17:30			9.19063	11-07-18 16:34	2000	Other	NA	Electronic	9.18742	9.19063
EURHKDmicro	12-07-18	09:32-11:30			9.14729	12-07-18 11:01	100	Other	NA	Electronic	9.14729	9.15063
EURHKDmicro	12-07-18	11:32-13:30			9.17085	12-07-18 12:40	100	Other	NA	Electronic	9.17085	9.17451
EURHKDmicro	12-07-18	15:32-17:30			9.17354	12-07-18 16:32	50	Other	NA	Electronic	9.17032	9.17354
EURHKDmicro	13-07-18	09:32-11:30			9.12892	13-07-18 10:05	100	Other	NA	Electronic	9.12892	9.13213
EURHKDmicro	13-07-18	13:32-15:30			9.16014	13-07-18 14:58	100	Other	NA	Electronic	9.15693	9.16014
EURHKDmicro	16-07-18	09:32-11:30			9.18899	16-07-18 09:32	100	Other	NA	Electronic	9.18899	9.19243
EURHKDmicro	16-07-18	15:32-17:30			9.19193	16-07-18 16:15	3000	Other	NA	Electronic	9.18872	9.19193

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHKDmicro	17-07-18	11:32-13:30			9.17981	17-07-18 12:48	110	Other	NA	Electronic	9.17994	9.18313
EURHKDmicro	17-07-18	15:32-17:30			9.16231	17-07-18 15:58	190	Other	NA	Electronic	9.15916	9.16421
EURHKDmicro	18-07-18	11:32-13:30			9.1182	18-07-18 12:20	50	Other	NA	Electronic	9.11498	9.1182
EURHKDmicro	18-07-18	13:32-15:30			9.1351	18-07-18 14:16	100	Other	NA	Electronic	9.13189	9.1351
EURHKDmicro	18-07-18	15:30-15:32	9.13792	50								
EURHKDmicro	19-07-18	13:32-15:30			9.11225	19-07-18 14:57	100	Other	NA	Electronic	9.11225	9.11546
EURHKDmicro	19-07-18	15:32-17:30			9.11326	19-07-18 16:39	1000	Other	NA	Electronic	9.11007	9.11326
EURHKDmicro	20-07-18	13:32-15:30			9.191	20-07-18 14:30	200	Other	NA	Electronic	9.18781	9.191
EURHKDmicro	20-07-18	15:32-17:30			9.19042	20-07-18 16:02	1500	Other	NA	Electronic	9.19042	9.19364
EURHKDmicro	23-07-18	09:30-09:32	9.17754	100								
EURHKDmicro	23-07-18	11:32-13:30			9.18934	23-07-18 13:22	1000	Other	NA	Electronic	9.18934	9.19254
EURHKDmicro	23-07-18	13:32-15:30			9.18165	23-07-18 13:56	100	Other	NA	Electronic	9.18165	9.18495
EURHKDmicro	24-07-18	13:32-15:30			9.18829	24-07-18 14:00	300	Other	NA	Electronic	9.18451	9.18829
EURHKDmicro	24-07-18	15:32-17:30			9.16855	24-07-18 16:03	30	Other	NA	Electronic	9.16529	9.16855
EURHKDmicro	25-07-18	11:32-13:30			9.18372	25-07-18 13:15	200	Other	NA	Electronic	9.18372	9.18698

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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EURHKDmicro	25-07-18	13:32-15:30			9.16908	25-07-18 14:48	30	Other	NA	Electronic	9.16583	9.16908
EURHKDmicro	25-07-18	15:32-17:30			9.16728	25-07-18 16:38	200	Other	NA	Electronic	9.16409	9.16728
EURHKDmicro	26-07-18	09:32-11:30			9.18834	26-07-18 09:44	100	Other	NA	Electronic	9.18834	9.19153
EURHKDmicro	26-07-18	11:32-13:30			9.18061	26-07-18 12:58	200	Other	NA	Electronic	9.17742	9.18061
EURHKDmicro	26-07-18	13:32-15:30			9.16945	26-07-18 13:35	50	Other	NA	Electronic	9.16618	9.16945
EURHKDmicro	27-07-18	09:32-11:30			9.12236	27-07-18 10:02	10	Other	NA	Electronic	9.12236	9.12559
EURHKDmicro	27-07-18	11:32-13:30			9.12208	27-07-18 11:58	500	Other	NA	Electronic	9.12208	9.12531
EURHKDmicro	27-07-18	15:32-17:30			9.14802	27-07-18 16:49	9000	Other	NA	Electronic	9.14802	9.15125
EURHKDmicro	30-07-18	09:32-11:30			9.17145	30-07-18 09:45	200	Other	NA	Electronic	9.17145	9.17466
EURHKDmicro	30-07-18	13:32-15:30			9.19129	30-07-18 14:44	100	Other	NA	Electronic	9.19129	9.19452
EURHKDmicro	30-07-18	15:32-17:30			9.19103	30-07-18 16:08	50	Other	NA	Electronic	9.19103	9.19424
EURHKDmicro	31-07-18	09:32-11:30			9.21121	31-07-18 11:11	2000	Other	NA	Electronic	9.21121	9.21448
EURHKDmicro	31-07-18	11:32-13:30			9.21945	31-07-18 12:32	1000	Other	NA	Electronic	9.21626	9.21945
EURHKDmicro	31-07-18	15:32-17:30			9.18228	31-07-18 16:20	3000	Other	NA	Electronic	9.18228	9.18548
EURHKDmicro	01-08-18	09:32-11:30			9.16898	01-08-18 09:42	10	Other	NA	Electronic	9.16575	9.16898

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EURHKDmicro	01-08-18	11:32-13:30			9.17701	01-08-18 12:16	50	Other	NA	Electronic	9.17381	9.17702
EURHKDmicro	01-08-18	13:32-15:30			9.16831	01-08-18 13:59	140	Other	NA	Electronic	9.16456	9.16831
EURHKDmicro	01-08-18	15:32-17:30			9.1621	01-08-18 15:47	100	Other	NA	Electronic	9.15889	9.1621
EURHKDmicro	02-08-18	09:30-09:32	9.11509	400								
EURHKDmicro	02-08-18	11:32-13:30			9.10492	02-08-18 11:51	100	Other	NA	Electronic	9.10492	9.11055
EURHKDmicro	02-08-18	13:32-15:30			9.11627	02-08-18 14:51	100	Other	NA	Electronic	9.11304	9.11627
EURHKDmicro	02-08-18	15:32-17:30			9.11422	02-08-18 15:48	10	Other	NA	Electronic	9.11422	9.11743
EURHKDmicro	03-08-18	09:32-11:30			9.09298	03-08-18 11:05	20	Other	NA	Electronic	9.08973	9.09298
EURHKDmicro	03-08-18	11:32-13:30			9.09789	03-08-18 12:24	100	Other	NA	Electronic	9.09468	9.09789
EURHKDmicro	03-08-18	13:32-15:30			9.08875	03-08-18 14:07	50	Other	NA	Electronic	9.08875	9.09196
EURHKDmicro	03-08-18	15:32-17:30			9.10064	03-08-18 15:39	50	Other	NA	Electronic	9.10064	9.10383
EURHKDmicro	06-08-18	09:32-11:30			9.06488	06-08-18 10:14	100	Other	NA	Electronic	9.06125	9.06593
EURHKDmicro	06-08-18	11:32-13:30			9.06309	06-08-18 12:46	50	Other	NA	Electronic	9.05987	9.06309
EURHKDmicro	06-08-18	13:32-15:30			9.06845	06-08-18 14:07	50	Other	NA	Electronic	9.06845	9.07166
EURHKDmicro	06-08-18	15:32-17:30			9.0738	06-08-18 15:40	10	Other	NA	Electronic	9.0738	9.077

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EURHKDmicro	07-08-18	09:32-11:30			9.09971	07-08-18 10:50	200	Other	NA	Electronic	9.09971	9.1029
EURHKDmicro	07-08-18	11:32-13:30			9.10982	07-08-18 12:13	30	Other	NA	Electronic	9.10661	9.10982
EURHKDmicro	07-08-18	15:32-17:30			9.0945	07-08-18 17:21	20	Other	NA	Electronic	9.0945	9.09774
EURHKDmicro	08-08-18	11:32-13:30			9.09014	08-08-18 12:37	20	Other	NA	Electronic	9.08693	9.09014
EURHKDmicro	08-08-18	13:32-15:30			9.10523	08-08-18 14:54	200	Other	NA	Electronic	9.10184	9.10523
EURHKDmicro	09-08-18	09:32-11:30			9.11221	09-08-18 10:18	50	Other	NA	Electronic	9.10902	9.11221
EURHKDmicro	09-08-18	11:32-13:30			9.09498	09-08-18 11:58	30	Other	NA	Electronic	9.09498	9.09837
EURHKDmicro	09-08-18	13:32-15:30			9.08286	09-08-18 14:58	100	Other	NA	Electronic	9.0795	9.08269
EURHKDmicro	09-08-18	15:32-17:30			9.07883	09-08-18 15:50	100	Other	NA	Electronic	9.07564	9.07883
EURHKDmicro	10-08-18	09:32-11:30			8.99458	10-08-18 09:58	200	Other	NA	Electronic	8.99458	8.99781
EURHKDmicro	10-08-18	11:32-13:30			9.00006	10-08-18 11:47	100	Other	NA	Electronic	8.99685	9.00006
EURHKDmicro	10-08-18	13:32-15:30			8.97017	10-08-18 13:54	30	Other	NA	Electronic	8.97017	8.97348
EURHKDmicro	10-08-18	15:32-17:30			8.95193	10-08-18 15:51	200	Other	NA	Electronic	8.95193	8.95531
EURHKDmicro	13-08-18	09:32-11:30			8.94336	13-08-18 10:44	1000	Other	NA	Electronic	8.93997	8.94336
EURHKDmicro	13-08-18	11:32-13:30			8.95194	13-08-18 11:55	100	Other	NA	Electronic	8.94871	8.95194

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EURHKDmicro	13-08-18	13:32-15:30			8.96916	13-08-18 13:40	20	Other	NA	Electronic	8.96916	8.97243
EURHKDmicro	13-08-18	15:32-17:30			8.94556	13-08-18 15:58	30	Other	NA	Electronic	8.94556	8.94875
EURHKDmicro	14-08-18	09:32-11:30			8.94949	14-08-18 09:45	50	Other	NA	Electronic	8.94949	8.95299
EURHKDmicro	14-08-18	11:32-13:30			8.94809	14-08-18 11:44	50	Other	NA	Electronic	8.94471	8.94809
EURHKDmicro	14-08-18	13:32-15:30			8.93808	14-08-18 13:37	20	Other	NA	Electronic	8.93808	8.94145
EURHKDmicro	14-08-18	15:32-17:30			8.90452	14-08-18 15:57	100	Other	NA	Electronic	8.90452	8.90772
EURHKDmicro	15-08-18	09:32-11:30			8.89142	15-08-18 10:26	20	Other	NA	Electronic	8.88807	8.89142
EURHKDmicro	15-08-18	11:32-13:30			8.88391	15-08-18 11:54	100	Other	NA	Electronic	8.88391	8.8871
EURHKDmicro	15-08-18	13:32-15:30			8.87774	15-08-18 14:03	20	Other	NA	Electronic	8.87434	8.87774
EURHKDmicro	16-08-18	09:32-11:30			8.92515	16-08-18 10:46	200	Other	NA	Electronic	8.92192	8.92515
EURHKDmicro	16-08-18	11:32-13:30			8.92586	16-08-18 11:32	50	Other	NA	Electronic	8.92586	8.92908
EURHKDmicro	16-08-18	13:32-15:30			8.95326	16-08-18 13:52	20	Other	NA	Electronic	8.95326	8.9566
EURHKDmicro	16-08-18	15:32-17:30			8.94404	16-08-18 15:34	40	Other	NA	Electronic	8.94085	8.94404
EURHKDmicro	17-08-18	09:32-11:30			8.93321	17-08-18 10:02	30	Other	NA	Electronic	8.92999	8.93321
EURHKDmicro	17-08-18	11:32-13:30			8.94085	17-08-18 11:33	50	Other	NA	Electronic	8.94085	8.94404



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EURHKDmicro	17-08-18	13:32-15:30			8.95692	17-08-18 14:12	20	Other	NA	Electronic	8.95692	8.96015
EURHKDmicro	17-08-18	15:32-17:30			8.96082	17-08-18 16:07	20	Other	NA	Electronic	8.96082	8.96403
EURHKDmicro	20-08-18	09:32-11:30			8.9576	20-08-18 09:49	10	Other	NA	Electronic	8.95441	8.9576
EURHKDmicro	20-08-18	11:32-13:30			8.96979	20-08-18 12:51	150	Other	NA	Electronic	8.96979	8.97298
EURHKDmicro	20-08-18	13:32-15:30			8.97383	20-08-18 14:22	50	Other	NA	Electronic	8.97383	8.97706
EURHKDmicro	20-08-18	15:32-17:30			8.99364	20-08-18 16:35	40	Other	NA	Electronic	8.99364	8.99685
EURHKDmicro	21-08-18	09:32-11:30			9.04266	21-08-18 11:13	50	Other	NA	Electronic	9.03944	9.04266
EURHKDmicro	21-08-18	11:32-13:30			9.0417	21-08-18 11:42	5000	Other	NA	Electronic	9.0417	9.04489
EURHKDmicro	21-08-18	13:32-15:30			9.03961	21-08-18 14:51	50	Other	NA	Electronic	9.03961	9.04279
EURHKDmicro	21-08-18	15:32-17:30			9.05452	21-08-18 16:44	50	Other	NA	Electronic	9.05452	9.05772
EURHKDmicro	22-08-18	09:30-09:32	9.09439	20								
EURHKDmicro	22-08-18	15:32-17:30			9.1001	22-08-18 15:36	20	Other	NA	Electronic	9.09689	9.1001
EURHKDmicro	23-08-18	09:32-11:30			9.09288	23-08-18 11:05	10	Other	NA	Electronic	9.09288	9.09609
EURHKDmicro	23-08-18	11:32-13:30			9.09014	23-08-18 11:43	100	Other	NA	Electronic	9.09014	9.09342
EURHKDmicro	23-08-18	13:32-15:30			9.09309	23-08-18 14:02	100	Other	NA	Electronic	9.09309	9.09632

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EURHKDmicro	23-08-18	15:32-17:30			9.08191	23-08-18 16:04	10	Other	NA	Electronic	9.0787	9.08191
EURHKDmicro	24-08-18	09:32-11:30			9.09193	24-08-18 10:55	30	Other	NA	Electronic	9.0887	9.09193
EURHKDmicro	24-08-18	11:32-13:30			9.09689	24-08-18 11:40	80	Other	NA	Electronic	9.09689	9.10008
EURHKDmicro	24-08-18	13:32-15:30			9.12959	24-08-18 14:04	20	Other	NA	Electronic	9.12959	9.13375
EURHKDmicro	27-08-18	13:32-15:30			9.14759	27-08-18 13:32	20	Other	NA	Electronic	9.14433	9.14759
EURHKDmicro	27-08-18	15:32-17:30			9.16223	27-08-18 16:09	130	Other	NA	Electronic	9.16223	9.16542
EURHKDmicro	28-08-18	09:32-11:30			9.18811	28-08-18 10:25	200	Other	NA	Electronic	9.18811	9.1913
EURHKDmicro	28-08-18	11:32-13:30			9.19383	28-08-18 11:55	200	Other	NA	Electronic	9.19383	9.19704
EURHKDmicro	28-08-18	13:32-15:30			9.20595	28-08-18 13:55	30	Other	NA	Electronic	9.20595	9.20914
EURHKDmicro	28-08-18	15:32-17:30			9.19984	28-08-18 16:14	50	Other	NA	Electronic	9.19663	9.19984
EURHKDmicro	29-08-18	09:32-11:30			9.16239	29-08-18 10:50	50	Other	NA	Electronic	9.1592	9.16239
EURHKDmicro	29-08-18	11:32-13:30			9.15412	29-08-18 12:33	50	Other	NA	Electronic	9.15412	9.15735
EURHKDmicro	29-08-18	13:32-15:30			9.16132	29-08-18 13:46	50	Other	NA	Electronic	9.16132	9.16453
EURHKDmicro	30-08-18	09:32-11:30			9.1801	30-08-18 09:34	10	Other	NA	Electronic	9.17689	9.1801
EURHKDmicro	30-08-18	11:32-13:30			9.17688	30-08-18 11:37	50	Other	NA	Electronic	9.17369	9.17688

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EURHKDmicro	30-08-18	13:30-13:32	9.14075	70								
EURHKDmicro	30-08-18	15:32-17:30			9.14939	30-08-18 16:24	50	Other	NA	Electronic	9.14618	9.14939
EURHKDmicro	31-08-18	09:32-11:30			9.16057	31-08-18 09:32	50	Other	NA	Electronic	9.15735	9.16057
EURHKDmicro	31-08-18	11:32-13:30			9.14391	31-08-18 11:57	100	Other	NA	Electronic	9.1407	9.14391
EURHKDmicro	31-08-18	13:32-15:30			9.12948	31-08-18 13:54	120	Other	NA	Electronic	9.12948	9.13271
EURHKDmicro	31-08-18	15:30-15:32	9.11262	20								
EURHKDmicro	03-09-18	09:30-09:32	9.10862	100								
EURHKDmicro	03-09-18	11:32-13:30			9.11356	03-09-18 12:03	20	Other	NA	Electronic	9.11356	9.11677
EURHKDmicro	03-09-18	13:32-15:30			9.11942	03-09-18 14:40	50	Other	NA	Electronic	9.11942	9.12263
EURHKDmicro	03-09-18	15:32-17:30			9.12375	03-09-18 15:36	50	Other	NA	Electronic	9.12054	9.12375
EURHKDmicro	04-09-18	09:32-11:30			9.07555	04-09-18 09:51	50	Other	NA	Electronic	9.07555	9.07876
EURHKDmicro	04-09-18	11:32-13:30			9.07573	04-09-18 12:11	100	Other	NA	Electronic	9.07252	9.07573
EURHKDmicro	04-09-18	13:32-15:30			9.06351	04-09-18 13:47	20	Other	NA	Electronic	9.06351	9.06672
EURHKDmicro	04-09-18	15:32-17:30			9.08162	04-09-18 16:09	1750	Other	NA	Electronic	9.07843	9.08162
EURHKDmicro	05-09-18	11:32-13:30			9.08957	05-09-18 12:03	300	Other	NA	Electronic	9.08957	9.09276

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EURHKDmicro	05-09-18	13:30-13:32	9.12857	40								
EURHKDmicro	06-09-18	09:32-11:30			9.12285	06-09-18 10:02	50	Other	NA	Electronic	9.11963	9.12285
EURHKDmicro	06-09-18	11:32-13:30			9.14131	06-09-18 12:24	50	Other	NA	Electronic	9.14131	9.14456
EURHKDmicro	06-09-18	13:32-15:30			9.13706	06-09-18 14:04	30	Other	NA	Electronic	9.13384	9.13706
EURHKDmicro	06-09-18	15:32-17:30			9.12557	06-09-18 15:59	100	Other	NA	Electronic	9.12239	9.12557
EURHKDmicro	07-09-18	09:32-11:30			9.13121	07-09-18 10:30	30	Other	NA	Electronic	9.12802	9.13121
EURHKDmicro	07-09-18	11:32-13:30			9.11177	07-09-18 12:00	50	Other	NA	Electronic	9.11177	9.11496
EURHKDmicro	07-09-18	13:32-15:30			9.08957	07-09-18 14:19	50	Other	NA	Electronic	9.08622	9.08957
EURHKDmicro	07-09-18	15:32-17:30			9.08321	07-09-18 15:56	500	Other	NA	Electronic	9.08321	9.08657
EURHKDmicro	10-09-18	09:32-11:30			9.08434	10-09-18 11:22	30	Other	NA	Electronic	9.08434	9.08755
EURHKDmicro	10-09-18	13:32-15:30			9.10915	10-09-18 14:13	20	Other	NA	Electronic	9.10915	9.11303
EURHKDmicro	10-09-18	15:32-17:30			9.10841	10-09-18 17:00	50	Other	NA	Electronic	9.10519	9.10841
EURHKDmicro	11-09-18	09:32-11:30			9.08494	11-09-18 10:37	50	Other	NA	Electronic	9.08494	9.08827
EURHKDmicro	11-09-18	11:32-13:30			9.09642	11-09-18 11:53	100	Other	NA	Electronic	9.09319	9.09642
EURHKDmicro	11-09-18	13:32-15:30			9.08518	11-09-18 13:33	20	Other	NA	Electronic	9.08518	9.08845

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHKDmicro	11-09-18	15:32-17:30			9.0939	11-09-18 17:01	20	Other	NA	Electronic	9.0939	9.09715
EURHKDmicro	12-09-18	13:32-15:30			9.11375	12-09-18 14:01	5010	Other	NA	Electronic	9.11555	9.11972
EURHKDmicro	12-09-18	15:32-17:30			9.12275	12-09-18 16:02	200	Other	NA	Electronic	9.12275	9.12594
EURHKDmicro	13-09-18	09:32-11:30			9.12175	13-09-18 10:12	30	Other	NA	Electronic	9.11856	9.12175
EURHKDmicro	13-09-18	11:32-13:30			9.121	13-09-18 12:05	3000	Other	NA	Electronic	9.11779	9.121
EURHKDmicro	13-09-18	13:32-15:30			9.17631	13-09-18 13:37	50	Other	NA	Electronic	9.17631	9.17953
EURHKDmicro	13-09-18	15:32-17:30			9.16295	13-09-18 15:35	50	Other	NA	Electronic	9.16295	9.16613
EURHKDmicro	14-09-18	09:32-11:30			9.18224	14-09-18 09:44	100	Other	NA	Electronic	9.18224	9.18543
EURHKDmicro	14-09-18	13:32-15:30			9.15249	14-09-18 14:23	3010	Other	NA	Electronic	9.14929	9.15249
EURHKDmicro	14-09-18	15:32-17:30			9.14957	14-09-18 15:50	100	Other	NA	Electronic	9.14957	9.15274
EURHKDmicro	17-09-18	15:32-17:30			9.17135	17-09-18 16:28	100	Other	NA	Electronic	9.17135	9.17452
EURHKDmicro	18-09-18	11:32-13:30			9.18143	18-09-18 12:58	5010	Other	NA	Electronic	9.18143	9.18461
EURHKDmicro	18-09-18	13:32-15:30			9.17235	18-09-18 14:08	5010	Other	NA	Electronic	9.16915	9.17235
EURHKDmicro	19-09-18	09:32-11:30			9.16988	19-09-18 11:04	400	Other	NA	Electronic	9.16988	9.17305
EURHKDmicro	19-09-18	13:32-15:30			9.1466	19-09-18 13:55	5010	Other	NA	Electronic	9.14327	9.14652

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EURHKDmicro	19-09-18	15:32-17:30			9.1662	19-09-18 15:51	110	Other	NA	Electronic	9.1662	9.16941
EURHKDmicro	20-09-18	09:32-11:30			9.18803	20-09-18 10:37	5010	Other	NA	Electronic	9.1878	9.19099
EURHKDmicro	20-09-18	11:32-13:30			9.21391	20-09-18 11:35	100	Other	NA	Electronic	9.21014	9.21367
EURHKDmicro	20-09-18	13:32-15:30			9.22004	20-09-18 13:51	400	Other	NA	Electronic	9.21687	9.22004
EURHKDmicro	20-09-18	15:32-17:30			9.21205	20-09-18 15:59	1500	Other	NA	Electronic	9.20845	9.21205
EURHKDmicro	21-09-18	09:32-11:30			9.20551	21-09-18 09:39	100	Other	NA	Electronic	9.20219	9.20551
EURHKDmicro	21-09-18	11:32-13:30			9.18962	21-09-18 11:49	50	Other	NA	Electronic	9.18962	9.19357
EURHKDmicro	21-09-18	13:32-15:30			9.1794	21-09-18 14:28	100	Other	NA	Electronic	9.17595	9.1794
EURHKDmicro	21-09-18	15:32-17:30			9.16522	21-09-18 16:10	1000	Other	NA	Electronic	9.16522	9.16881
EURHKDmicro	24-09-18	09:32-11:30			9.19503	24-09-18 10:16	300	Other	NA	Electronic	9.1918	9.19503
EURHKDmicro	24-09-18	11:32-13:30			9.21832	24-09-18 13:18	10	Other	NA	Electronic	9.21506	9.21832
EURHKDmicro	24-09-18	13:30-13:32	9.2172	250								
EURHKDmicro	24-09-18	15:32-17:30			9.19619	24-09-18 16:03	100	Other	NA	Electronic	9.19619	9.19962
EURHKDmicro	25-09-18	09:32-11:30			9.18555	25-09-18 10:07	100	Other	NA	Electronic	9.18555	9.18879
EURHKDmicro	25-09-18	11:32-13:30			9.19742	25-09-18 12:21	100	Other	NA	Electronic	9.19742	9.20077

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EURHKDmicro	25-09-18	13:32-15:30			9.20007	25-09-18 13:40	5000	Other	NA	Electronic	9.20007	9.20333
EURHKDmicro	25-09-18	15:32-17:30			9.19428	25-09-18 15:37	100	Other	NA	Electronic	9.19093	9.19428
EURHKDmicro	26-09-18	09:32-11:30			9.17781	26-09-18 10:57	5000	Other	NA	Electronic	9.17475	9.17797
EURHKDmicro	26-09-18	11:32-13:30			9.15965	26-09-18 12:20	1000	Other	NA	Electronic	9.15965	9.16406
EURHKDmicro	27-09-18	09:32-11:30			9.1579	27-09-18 10:43	50	Other	NA	Electronic	9.15468	9.1579
EURHKDmicro	27-09-18	11:32-13:30			9.1527	27-09-18 12:05	300	Other	NA	Electronic	9.14938	9.1527
EURHKDmicro	27-09-18	15:32-17:30			9.11757	27-09-18 15:38	50	Other	NA	Electronic	9.11435	9.11757
EURHKDmicro	28-09-18	09:32-11:30			9.0704	28-09-18 10:26	100	Other	NA	Electronic	9.0704	9.07365
EURHKDmicro	28-09-18	13:32-15:30			9.09069	28-09-18 15:15	300	Other	NA	Electronic	9.09069	9.09403
EURHKDmicro	28-09-18	15:32-17:30			9.09287	28-09-18 15:38	100	Other	NA	Electronic	9.09287	9.09624
EURHUF	02-07-18	11:32-13:30			330.417	02-07-18 13:18	5000	Other	NA	Electronic	330.417	330.686
EURHUF	02-07-18	13:32-15:30			330.402	02-07-18 13:42	1000	Other	NA	Electronic	330.402	330.684
EURHUF	02-07-18	15:32-17:30			330.268	02-07-18 15:36	5000	Other	NA	Electronic	330.268	330.564
EURHUF	03-07-18	09:32-11:30			328.095	03-07-18 10:12	1000	Other	NA	Electronic	328.095	328.357
EURHUF	03-07-18	11:32-13:30			327.488	03-07-18 12:30	5000	Other	NA	Electronic	327.216	327.486

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EURHUF	03-07-18	13:32-15:30			326.635	03-07-18 13:46	300000	Other	NA	Electronic	326.353	326.635
EURHUF	03-07-18	15:32-17:30			327.206	03-07-18 15:36	1000	Other	NA	Electronic	326.917	327.206
EURHUF	04-07-18	09:32-11:30			325.771	04-07-18 10:58	2000	Other	NA	Electronic	325.771	326.065
EURHUF	04-07-18	11:32-13:30			325.509	04-07-18 12:03	10000	Other	NA	Electronic	325.201	325.492
EURHUF	04-07-18	13:32-15:30			325.685	04-07-18 15:04	3000	Other	NA	Electronic	325.388	325.684
EURHUF	04-07-18	15:32-17:30			325.102	04-07-18 16:27	3000	Other	NA	Electronic	325.091	325.406
EURHUF	05-07-18	09:32-11:30			323.914	05-07-18 10:20	2000	Other	NA	Electronic	323.914	324.196
EURHUF	05-07-18	11:32-13:30			322.875	05-07-18 11:47	2000	Other	NA	Electronic	322.875	323.157
EURHUF	05-07-18	13:32-15:30			323.815	05-07-18 13:36	2000	Other	NA	Electronic	323.532	323.815
EURHUF	05-07-18	15:32-17:30			323.542	05-07-18 16:02	1000	Other	NA	Electronic	323.542	323.838
EURHUF	06-07-18	11:32-13:30			323.14	06-07-18 13:12	140000	Other	NA	Electronic	322.863	323.14
EURHUF	06-07-18	13:32-15:30			322.843	06-07-18 14:09	3000	Other	NA	Electronic	322.843	323.12
EURHUF	06-07-18	15:32-17:30			323.1	06-07-18 16:48	2000	Other	NA	Electronic	322.804	323.1
EURHUF	09-07-18	09:32-11:30			322.715	09-07-18 10:56	2000	Other	NA	Electronic	322.71	323.01
EURHUF	09-07-18	11:32-13:30			322.78	09-07-18 11:58	3000	Other	NA	Electronic	322.78	323.04



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EURHUF	09-07-18	13:32-15:30			323.822	09-07-18 14:11	2000	Other	NA	Electronic	323.822	324.1
EURHUF	09-07-18	15:32-17:30			323.232	09-07-18 15:55	2000	Other	NA	Electronic	323.237	323.536
EURHUF	10-07-18	09:32-11:30			325.111	10-07-18 10:20	1000	Other	NA	Electronic	324.841	325.108
EURHUF	10-07-18	11:30-11:32	325.496	2000								
EURHUF	10-07-18	13:30-13:32	324.59	1000								
EURHUF	11-07-18	09:32-11:30			324.73	11-07-18 09:45	2000	Other	NA	Electronic	324.73	324.984
EURHUF	11-07-18	11:32-13:30			324.549	11-07-18 12:00	1000	Other	NA	Electronic	324.549	324.821
EURHUF	11-07-18	13:32-15:30			324.637	11-07-18 14:11	4000	Other	NA	Electronic	324.356	324.637
EURHUF	11-07-18	15:30-15:32	325.16	1000								
EURHUF	12-07-18	15:32-17:30			324.222	12-07-18 17:04	2000	Other	NA	Electronic	324.222	324.578
EURHUF	13-07-18	11:32-13:30			324.23	13-07-18 11:57	30000	Other	NA	Electronic	324.23	324.503
EURHUF	13-07-18	13:32-15:30			323.87	13-07-18 14:12	10000	Other	NA	Electronic	323.611	323.87
EURHUF	16-07-18	09:32-11:30			322.07	16-07-18 09:45	3000	Other	NA	Electronic	321.863	322.07
EURHUF	16-07-18	11:32-13:30			322.14	16-07-18 11:34	4000	Other	NA	Electronic	321.864	322.14
EURHUF	16-07-18	13:32-15:30			322.84	16-07-18 15:06	2000	Other	NA	Electronic	322.84	323.094

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EURHUF	17-07-18	13:32-15:30			322.878	17-07-18 14:52	14000	Other	NA	Electronic	322.605	322.878
EURHUF	17-07-18	15:32-17:30			323.42	17-07-18 15:46	4000	Other	NA	Electronic	323.144	323.405
EURHUF	18-07-18	11:32-13:30			324	18-07-18 11:55	1000	Other	NA	Electronic	324	324.274
EURHUF	19-07-18	09:32-11:30			325.218	19-07-18 10:25	1000	Other	NA	Electronic	325.218	325.505
EURHUF	19-07-18	11:30-11:32	325.37	2000								
EURHUF	19-07-18	13:32-15:30			325.741	19-07-18 14:08	51000	Other	NA	Electronic	325.741	326.027
EURHUF	19-07-18	15:32-17:30			326.651	19-07-18 15:57	1000	Other	NA	Electronic	326.651	326.911
EURHUF	20-07-18	09:32-11:30			326.481	20-07-18 10:17	1000	Other	NA	Electronic	326.205	326.481
EURHUF	20-07-18	11:32-13:30			325.586	20-07-18 11:38	1000	Other	NA	Electronic	325.586	325.855
EURHUF	20-07-18	13:32-15:30			325.82	20-07-18 14:44	1000	Other	NA	Electronic	325.82	326.092
EURHUF	23-07-18	13:32-15:30			326.293	23-07-18 14:18	5000	Other	NA	Electronic	326.293	326.56
EURHUF	24-07-18	09:32-11:30			326.308	24-07-18 10:45	1000	Other	NA	Electronic	326.039	326.308
EURHUF	24-07-18	11:32-13:30			326.61	24-07-18 13:15	1000	Other	NA	Electronic	326.61	326.881
EURHUF	24-07-18	13:32-15:30			325.599	24-07-18 13:57	1000	Other	NA	Electronic	325.288	325.599
EURHUF	25-07-18	09:30-09:32	325.449	1000								

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EURHUF	25-07-18	13:32-15:30			325.104	25-07-18 13:41	1000	Other	NA	Electronic	325.104	325.377
EURHUF	26-07-18	09:32-11:30			324.439	26-07-18 10:00	1000	Other	NA	Electronic	324.158	324.439
EURHUF	26-07-18	13:32-15:30			324.452	26-07-18 14:09	3000	Other	NA	Electronic	321.864	322.194
EURHUF	27-07-18	09:32-11:30			323.586	27-07-18 09:44	2000	Other	NA	Electronic	323.301	323.586
EURHUF	27-07-18	11:32-13:30			322.62	27-07-18 13:27	2000	Other	NA	Electronic	322.348	322.62
EURHUF	27-07-18	13:32-15:30			322.526	27-07-18 14:01	1000	Other	NA	Electronic	322.244	322.526
EURHUF	27-07-18	15:32-17:30			322.12	27-07-18 16:17	105000	Other	NA	Electronic	321.859	322.12
EURHUF	30-07-18	11:32-13:30			322.165	30-07-18 12:53	3000	Other	NA	Electronic	321.893	322.165
EURHUF	30-07-18	15:32-17:30			321.875	30-07-18 15:41	20000	Other	NA	Electronic	321.571	321.875
EURHUF	31-07-18	09:32-11:30			321.181	31-07-18 09:34	100000	Other	NA	Electronic	320.899	321.181
EURHUF	31-07-18	11:32-13:30			320.36	31-07-18 11:32	100000	Other	NA	Electronic	320.099	320.36
EURHUF	31-07-18	13:32-15:30			320.93	31-07-18 15:09	1000	Other	NA	Electronic	320.633	320.93
EURHUF	31-07-18	15:32-17:30			320.55	31-07-18 15:52	2000	Other	NA	Electronic	320.249	320.55
EURHUF	01-08-18	09:32-11:30			321.663	01-08-18 09:43	1000	Other	NA	Electronic	321.38	321.663
EURHUF	01-08-18	11:32-13:30			321.54	01-08-18 12:52	2000	Other	NA	Electronic	321.304	321.56

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EURHUF	01-08-18	13:32-15:30			320.625	01-08-18 15:24	1000	Other	NA	Electronic	320.625	320.921
EURHUF	02-08-18	09:32-11:30			321.901	02-08-18 09:39	20000	Other	NA	Electronic	321.901	322.157
EURHUF	02-08-18	11:32-13:30			321.31	02-08-18 12:37	3000	Other	NA	Electronic	321.314	321.621
EURHUF	02-08-18	13:32-15:30			320.946	02-08-18 14:24	1000	Other	NA	Electronic	320.946	321.243
EURHUF	02-08-18	15:30-15:32	321.062	3000								
EURHUF	03-08-18	11:32-13:30			320.385	03-08-18 12:03	3000	Other	NA	Electronic	320.385	320.66
EURHUF	03-08-18	13:32-15:30			320.829	03-08-18 13:45	1000	Other	NA	Electronic	320.546	320.829
EURHUF	06-08-18	09:32-11:30			320.101	06-08-18 10:15	2000	Other	NA	Electronic	320.101	320.376
EURHUF	06-08-18	11:32-13:30			320.7	06-08-18 12:07	1000	Other	NA	Electronic	320.426	320.7
EURHUF	06-08-18	15:32-17:30			320.137	06-08-18 15:35	2000	Other	NA	Electronic	319.844	320.137
EURHUF	07-08-18	09:32-11:30			319.875	07-08-18 10:16	5000	Other	NA	Electronic	319.875	320.148
EURHUF	07-08-18	11:32-13:30			320.011	07-08-18 12:05	1000	Other	NA	Electronic	319.723	320.011
EURHUF	07-08-18	13:32-15:30			320.024	07-08-18 15:26	1000	Other	NA	Electronic	319.734	320.024
EURHUF	08-08-18	11:32-13:30			319.231	08-08-18 11:33	1000	Other	NA	Electronic	318.944	319.231
EURHUF	08-08-18	13:32-15:30			319.407	08-08-18 13:46	2000	Other	NA	Electronic	319.407	319.681

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EURHUF	08-08-18	15:32-17:30			319.164	08-08-18 16:05	4000	Other	NA	Electronic	319.164	319.46
EURHUF	09-08-18	11:32-13:30			320.057	09-08-18 12:03	2000	Other	NA	Electronic	320.057	320.338
EURHUF	09-08-18	15:32-17:30			320.782	09-08-18 17:12	2000	Other	NA	Electronic	320.782	321.133
EURHUF	10-08-18	11:32-13:30			322.502	10-08-18 12:17	3000	Other	NA	Electronic	322.22	322.502
EURHUF	10-08-18	13:32-15:30			323.229	10-08-18 13:32	1000	Other	NA	Electronic	323.229	323.527
EURHUF	13-08-18	11:32-13:30			323.53	13-08-18 11:55	1000	Other	NA	Electronic	323.53	323.896
EURHUF	13-08-18	13:32-15:30			323.519	13-08-18 14:26	1000	Other	NA	Electronic	323.519	323.844
EURHUF	15-08-18	11:32-13:30			324.873	15-08-18 12:00	3000	Other	NA	Electronic	324.873	325.191
EURHUF	16-08-18	11:32-13:30			324.667	16-08-18 12:01	1000	Other	NA	Electronic	324.319	324.667
EURHUF	20-08-18	11:32-13:30			323.691	20-08-18 12:29	1000	Other	NA	Electronic	323.691	324.017
EURHUF	20-08-18	13:32-15:30			324.044	20-08-18 13:52	1000	Other	NA	Electronic	323.717	324.044
EURHUF	22-08-18	09:32-11:30			322.551	22-08-18 11:29	1000	Other	NA	Electronic	322.551	322.891
EURHUF	22-08-18	15:32-17:30			323.661	22-08-18 17:05	1000	Other	NA	Electronic	323.31	323.661
EURHUF	23-08-18	11:32-13:30			323.628	23-08-18 11:57	1000	Other	NA	Electronic	323.628	323.955
EURHUF	23-08-18	13:32-15:30			324.527	23-08-18 13:49	50000	Other	NA	Electronic	324.203	324.527

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUF	24-08-18	13:32-15:30			323.711	24-08-18 14:09	50000	Other	NA	Electronic	323.711	324.051
EURHUF	27-08-18	09:32-11:30			323.749	27-08-18 10:24	1000	Other	NA	Electronic	323.749	324.071
EURHUF	28-08-18	09:32-11:30			323.654	28-08-18 09:45	1000	Other	NA	Electronic	323.654	323.951
EURHUF	28-08-18	13:32-15:30			324.062	28-08-18 15:15	10000	Other	NA	Electronic	323.798	324.062
EURHUF	28-08-18	15:32-17:30			323.708	28-08-18 16:20	10000	Other	NA	Electronic	323.708	324.051
EURHUF	29-08-18	09:32-11:30			324.285	29-08-18 10:49	1000	Other	NA	Electronic	324.285	324.611
EURHUF	29-08-18	11:32-13:30			325.362	29-08-18 12:57	1000	Other	NA	Electronic	324.993	325.362
EURHUF	29-08-18	13:32-15:30			325.784	29-08-18 13:48	1000	Other	NA	Electronic	325.464	325.784
EURHUF	29-08-18	15:30-15:32	325.522	1000								
EURHUF	30-08-18	09:32-11:30			326.142	30-08-18 10:28	1000	Other	NA	Electronic	326.142	326.417
EURHUF	30-08-18	11:32-13:30			326.073	30-08-18 12:26	1000	Other	NA	Electronic	326.073	326.311
EURHUF	31-08-18	13:32-15:30			326.186	31-08-18 15:18	1000	Other	NA	Electronic	325.918	326.186
EURHUF	31-08-18	15:32-17:30			326.6	31-08-18 16:58	1000	Other	NA	Electronic	326.6	326.875
EURHUF	04-09-18	09:32-11:30			327.816	04-09-18 10:10	1000	Other	NA	Electronic	327.563	327.816
EURHUF	04-09-18	11:32-13:30			327.605	04-09-18 12:59	2000	Other	NA	Electronic	327.362	327.605

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUF	04-09-18	15:32-17:30			327.458	04-09-18 15:41	5000	Other	NA	Electronic	327.458	327.729
EURHUF	05-09-18	09:32-11:30			328.074	05-09-18 11:11	1000	Other	NA	Electronic	328.074	328.327
EURHUF	05-09-18	11:32-13:30			327.657	05-09-18 12:14	10000	Other	NA	Electronic	327.657	327.921
EURHUF	05-09-18	13:32-15:30			327.861	05-09-18 14:27	1000	Other	NA	Electronic	327.598	327.861
EURHUF	05-09-18	15:32-17:30			328.049	05-09-18 15:40	1000	Other	NA	Electronic	328.049	328.33
EURHUF	06-09-18	09:32-11:30			326.949	06-09-18 10:23	1000	Other	NA	Electronic	326.949	327.183
EURHUF	06-09-18	11:32-13:30			326.374	06-09-18 11:35	1000	Other	NA	Electronic	326.374	326.617
EURHUF	06-09-18	13:32-15:30			326.371	06-09-18 14:03	1000	Other	NA	Electronic	326.113	326.371
EURHUF	07-09-18	09:32-11:30			325.081	07-09-18 11:18	1000	Other	NA	Electronic	324.823	325.081
EURHUF	07-09-18	11:32-13:30			325.053	07-09-18 12:32	3000	Other	NA	Electronic	324.788	325.053
EURHUF	07-09-18	15:32-17:30			325.324	07-09-18 16:42	1000	Other	NA	Electronic	325.324	325.606
EURHUF	10-09-18	09:32-11:30			324.455	10-09-18 09:38	1000	Other	NA	Electronic	324.455	324.706
EURHUF	10-09-18	11:32-13:30			325.044	10-09-18 13:02	3000	Other	NA	Electronic	325.044	325.288
EURHUF	11-09-18	11:32-13:30			324.631	11-09-18 11:41	12000	Other	NA	Electronic	324.631	324.871
EURHUF	11-09-18	13:32-15:30			324.804	11-09-18 14:07	1000	Other	NA	Electronic	324.804	325.043

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUF	11-09-18	15:32-17:30			324.677	11-09-18 15:33	1000	Other	NA	Electronic	324.394	324.677
EURHUF	12-09-18	09:30-09:32	324.841	2000								
EURHUF	12-09-18	11:32-13:30			325.931	12-09-18 11:34	1000	Other	NA	Electronic	325.931	326.177
EURHUF	12-09-18	13:32-15:30			324.688	12-09-18 15:22	2000	Other	NA	Electronic	324.688	324.97
EURHUF	13-09-18	09:32-11:30			324.641	13-09-18 11:02	1000	Other	NA	Electronic	324.641	324.942
EURHUF	13-09-18	11:32-13:30			323.979	13-09-18 12:48	1000	Other	NA	Electronic	323.979	324.227
EURHUF	13-09-18	13:32-15:30			323.861	13-09-18 14:11	1000	Other	NA	Electronic	323.861	324.106
EURHUF	14-09-18	09:32-11:30			323.304	14-09-18 11:12	1000	Other	NA	Electronic	323.304	323.558
EURHUF	14-09-18	13:32-15:30			324.352	14-09-18 13:34	2000	Other	NA	Electronic	324.1	324.352
EURHUF	17-09-18	13:32-15:30			324.904	17-09-18 15:29	1000	Other	NA	Electronic	324.904	325.181
EURHUF	18-09-18	11:32-13:30			324.02	18-09-18 12:15	1000	Other	NA	Electronic	323.738	324.02
EURHUF	18-09-18	13:32-15:30			323.235	18-09-18 14:20	5000	Other	NA	Electronic	322.983	323.235
EURHUF	19-09-18	11:32-13:30			323.27	19-09-18 12:28	2000	Other	NA	Electronic	323.27	323.521
EURHUF	20-09-18	13:32-15:30			323.925	20-09-18 15:16	2000	Other	NA	Electronic	323.925	324.201
EURHUF	21-09-18	15:32-17:30			323.976	21-09-18 16:32	2000	Other	NA	Electronic	323.719	323.976



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUF	24-09-18	09:32-11:30			323.657	24-09-18 11:01	5000	Other	NA	Electronic	323.429	323.657
EURHUF	24-09-18	15:32-17:30			323.416	24-09-18 16:04	2000	Other	NA	Electronic	323.416	323.701
EURHUF	25-09-18	11:32-13:30			324.471	25-09-18 13:10	2000	Other	NA	Electronic	324.234	324.471
EURHUF	25-09-18	13:32-15:30			324.249	25-09-18 13:46	3000	Other	NA	Electronic	324.249	324.49
EURHUF	25-09-18	15:32-17:30			324.025	25-09-18 16:05	1000	Other	NA	Electronic	324.025	324.298
EURHUF	27-09-18	09:32-11:30			323.501	27-09-18 10:07	3000	Other	NA	Electronic	323.501	323.727
EURHUF	27-09-18	11:32-13:30			323.533	27-09-18 11:38	1000	Other	NA	Electronic	323.533	323.772
EURHUF	28-09-18	09:32-11:30			324.49	28-09-18 11:02	5000	Other	NA	Electronic	324.49	324.73
EURHUF	28-09-18	11:32-13:30			324.223	28-09-18 12:02	5000	Other	NA	Electronic	324.223	324.464
EURHUF.	03-07-18	11:32-13:30			327.26	03-07-18 12:45	3000	Other	NA	Electronic	327.09	327.26
EURHUF.	03-07-18	13:32-15:30			326.724	03-07-18 13:39	1000	Other	NA	Electronic	326.556	326.713
EURHUF.	04-07-18	09:32-11:30			326.081	04-07-18 10:32	5000	Other	NA	Electronic	326.081	326.231
EURHUF.	04-07-18	11:32-13:30			325.407	04-07-18 12:54	105000	Other	NA	Electronic	325.407	325.57
EURHUF.	05-07-18	11:32-13:30			323.13	05-07-18 12:39	105000	Other	NA	Electronic	322.95	323.13
EURHUF.	09-07-18	13:32-15:30			323.463	09-07-18 13:41	2000	Other	NA	Electronic	323.31	323.466

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUF.	16-07-18	09:32-11:30			321.809	16-07-18 10:00	1000	Other	NA	Electronic	321.809	321.96
EURHUF.	19-07-18	09:32-11:30			325.804	19-07-18 10:37	6000	Other	NA	Electronic	325.641	325.796
EURHUF.	20-07-18	09:32-11:30			325.752	20-07-18 10:03	1000	Other	NA	Electronic	325.58	325.752
EURHUF.	27-07-18	15:32-17:30			322.06	27-07-18 16:22	105000	Other	NA	Electronic	321.913	322.06
EURHUF.	30-07-18	13:32-15:30			321.542	30-07-18 14:31	7000	Other	NA	Electronic	321.542	321.703
EURHUF.	31-07-18	13:32-15:30			321.336	31-07-18 14:38	2000	Other	NA	Electronic	321.171	321.336
EURHUF.	01-08-18	09:32-11:30			321.261	01-08-18 10:32	2000	Other	NA	Electronic	321.261	321.422
EURHUF.	01-08-18	11:32-13:30			321.46	01-08-18 12:18	1000	Other	NA	Electronic	321.298	321.46
EURHUF.	02-08-18	09:32-11:30			322.069	02-08-18 09:59	1000	Other	NA	Electronic	322.069	322.218
EURHUF.	10-08-18	15:32-17:30			324.487	10-08-18 17:25	7000	Other	NA	Electronic	324.188	324.487
EURHUF.	18-09-18	11:32-13:30			323.076	18-09-18 13:01	1000	Other	NA	Electronic	322.834	323.076
EURHUF.	18-09-18	13:32-15:30			322.971	18-09-18 13:49	2000	Other	NA	Electronic	322.789	322.971
EURHUF.	21-09-18	13:32-15:30			324.247	21-09-18 13:52	1000	Other	NA	Electronic	324.048	324.247
EURHUFmicro	02-07-18	09:32-11:30			329.826	02-07-18 09:42	100	Other	NA	Electronic	329.544	329.826
EURHUFmicro	02-07-18	11:32-13:30			329.65	02-07-18 11:55	200	Other	NA	Electronic	329.65	329.927

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EURHUFmicro	02-07-18	13:32-15:30			330.389	02-07-18 13:32	10000	Other	NA	Electronic	330.389	330.66
EURHUFmicro	02-07-18	15:32-17:30			330.627	02-07-18 15:39	30	Other	NA	Electronic	330.331	330.627
EURHUFmicro	03-07-18	09:30-09:32	328.299	4000								
EURHUFmicro	03-07-18	11:32-13:30			327.857	03-07-18 11:35	10000	Other	NA	Electronic	327.857	328.123
EURHUFmicro	03-07-18	13:32-15:30			326.759	03-07-18 13:40	500	Other	NA	Electronic	326.476	326.759
EURHUFmicro	03-07-18	15:30-15:32	326.944	100								
EURHUFmicro	04-07-18	09:32-11:30			326.695	04-07-18 09:37	100	Other	NA	Electronic	326.44	326.695
EURHUFmicro	04-07-18	11:32-13:30			325.671	04-07-18 11:32	100	Other	NA	Electronic	325.676	325.959
EURHUFmicro	04-07-18	13:32-15:30			325.752	04-07-18 13:50	200	Other	NA	Electronic	325.46	325.752
EURHUFmicro	04-07-18	15:30-15:32	325.7	100								
EURHUFmicro	05-07-18	09:32-11:30			323.923	05-07-18 09:35	5000	Other	NA	Electronic	323.923	324.197
EURHUFmicro	05-07-18	11:32-13:30			322.86	05-07-18 12:06	700	Other	NA	Electronic	322.86	323.137
EURHUFmicro	05-07-18	13:32-15:30			323.518	05-07-18 13:35	100	Other	NA	Electronic	323.518	323.8
EURHUFmicro	05-07-18	15:32-17:30			323.782	05-07-18 15:57	30	Other	NA	Electronic	323.486	323.782
EURHUFmicro	06-07-18	09:32-11:30			324.336	06-07-18 09:48	100	Other	NA	Electronic	324.049	324.336

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	06-07-18	11:32-13:30			324.57	06-07-18 12:00	1000	Other	NA	Electronic	324.302	324.57
EURHUFmicro	06-07-18	13:32-15:30			323.051	06-07-18 13:52	100	Other	NA	Electronic	322.768	323.051
EURHUFmicro	06-07-18	15:32-17:30			323.387	06-07-18 15:38	100	Other	NA	Electronic	323.061	323.387
EURHUFmicro	09-07-18	09:32-11:30			322.976	09-07-18 10:06	2000	Other	NA	Electronic	322.7	322.976
EURHUFmicro	09-07-18	11:32-13:30			322.76	09-07-18 11:57	200	Other	NA	Electronic	322.76	323.04
EURHUFmicro	09-07-18	13:32-15:30			323.309	09-07-18 13:41	2000	Other	NA	Electronic	323.04	323.309
EURHUFmicro	09-07-18	15:32-17:30			323.47	09-07-18 16:11	100	Other	NA	Electronic	323.168	323.47
EURHUFmicro	10-07-18	09:32-11:30			325.318	10-07-18 09:32	100	Other	NA	Electronic	325.053	325.318
EURHUFmicro	10-07-18	11:32-13:30			324.935	10-07-18 11:45	200	Other	NA	Electronic	324.935	325.216
EURHUFmicro	10-07-18	13:32-15:30			324.46	10-07-18 13:58	1000	Other	NA	Electronic	324.207	324.462
EURHUFmicro	10-07-18	15:32-17:30			324.021	10-07-18 15:34	10	Other	NA	Electronic	323.732	324.021
EURHUFmicro	11-07-18	09:32-11:30			324.83	11-07-18 09:35	500	Other	NA	Electronic	324.83	325.074
EURHUFmicro	11-07-18	11:32-13:30			324.56	11-07-18 12:09	1010	Other	NA	Electronic	324.56	324.832
EURHUFmicro	11-07-18	13:32-15:30			324.551	11-07-18 13:48	10	Other	NA	Electronic	324.27	324.551
EURHUFmicro	11-07-18	15:32-17:30			325.263	11-07-18 17:09	500	Other	NA	Electronic	324.91	325.263

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	12-07-18	11:32-13:30			325.07	12-07-18 12:06	1010	Other	NA	Electronic	325.07	325.34
EURHUFmicro	12-07-18	13:32-15:30			324.877	12-07-18 14:07	50	Other	NA	Electronic	324.877	325.15
EURHUFmicro	12-07-18	15:30-15:32	324.849	200								
EURHUFmicro	13-07-18	11:32-13:30			323.989	13-07-18 12:29	10000	Other	NA	Electronic	323.718	323.998
EURHUFmicro	13-07-18	13:32-15:30			324.375	13-07-18 13:58	1000	Other	NA	Electronic	324.095	324.375
EURHUFmicro	13-07-18	15:32-17:30			322.937	13-07-18 16:02	400	Other	NA	Electronic	322.937	323.239
EURHUFmicro	16-07-18	09:30-09:32	321.858	200								
EURHUFmicro	16-07-18	11:32-13:30			322.14	16-07-18 12:00	10	Other	NA	Electronic	321.871	322.14
EURHUFmicro	16-07-18	13:32-15:30			322.467	16-07-18 14:04	5000	Other	NA	Electronic	322.467	322.74
EURHUFmicro	16-07-18	15:32-17:30			323.019	16-07-18 15:52	800	Other	NA	Electronic	323.019	323.287
EURHUFmicro	17-07-18	09:32-11:30			323.311	17-07-18 11:18	610	Other	NA	Electronic	323.05	323.311
EURHUFmicro	17-07-18	11:32-13:30			323.027	17-07-18 12:02	610	Other	NA	Electronic	323.027	323.31
EURHUFmicro	17-07-18	13:32-15:30			323.07	17-07-18 14:04	100	Other	NA	Electronic	322.808	323.07
EURHUFmicro	17-07-18	15:32-17:30			323.495	17-07-18 15:59	400	Other	NA	Electronic	323.207	323.49
EURHUFmicro	18-07-18	09:32-11:30			323.91	18-07-18 10:02	2000	Other	NA	Electronic	323.91	324.17

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	18-07-18	11:32-13:30			324.3	18-07-18 12:03	1000	Other	NA	Electronic	324.037	324.3
EURHUFmicro	18-07-18	13:32-15:30			324.27	18-07-18 14:25	480	Other	NA	Electronic	324.27	324.533
EURHUFmicro	18-07-18	15:32-17:30			323.71	18-07-18 16:09	1000	Other	NA	Electronic	323.72	324.005
EURHUFmicro	19-07-18	09:30-09:32	325.408	5610								
EURHUFmicro	19-07-18	11:32-13:30			325.742	19-07-18 11:40	1000	Other	NA	Electronic	325.742	326.031
EURHUFmicro	19-07-18	13:32-15:30			326.146	19-07-18 14:00	50	Other	NA	Electronic	325.865	326.146
EURHUFmicro	19-07-18	15:32-17:30			326.88	19-07-18 15:46	2520	Other	NA	Electronic	326.572	326.883
EURHUFmicro	20-07-18	09:32-11:30			325.629	20-07-18 09:32	1000	Other	NA	Electronic	325.629	325.904
EURHUFmicro	20-07-18	11:30-11:32	325.832	1000								
EURHUFmicro	20-07-18	13:32-15:30			325.322	20-07-18 13:42	100	Other	NA	Electronic	325.322	325.592
EURHUFmicro	20-07-18	15:32-17:30			325.959	20-07-18 16:37	2260	Other	NA	Electronic	325.7	325.959
EURHUFmicro	23-07-18	09:32-11:30			326.675	23-07-18 09:47	100	Other	NA	Electronic	326.392	326.681
EURHUFmicro	23-07-18	11:32-13:30			326.242	23-07-18 13:00	100	Other	NA	Electronic	325.97	326.242
EURHUFmicro	23-07-18	13:32-15:30			326.325	23-07-18 14:16	100	Other	NA	Electronic	326.325	326.605
EURHUFmicro	24-07-18	09:32-11:30			326.509	24-07-18 09:35	120	Other	NA	Electronic	326.509	326.789

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	24-07-18	11:32-13:30			326.75	24-07-18 11:43	200	Other	NA	Electronic	326.75	327.015
EURHUFmicro	24-07-18	13:32-15:30			326.422	24-07-18 13:40	200	Other	NA	Electronic	326.15	326.422
EURHUFmicro	24-07-18	15:32-17:30			325.548	24-07-18 16:00	200	Other	NA	Electronic	325.548	325.84
EURHUFmicro	25-07-18	09:32-11:30			325.622	25-07-18 10:33	20	Other	NA	Electronic	325.622	325.901
EURHUFmicro	25-07-18	11:30-11:32	326.1305	140								
EURHUFmicro	25-07-18	13:32-15:30			325.096	25-07-18 13:43	1000	Other	NA	Electronic	325.096	325.374
EURHUFmicro	25-07-18	15:32-17:30			325.599	25-07-18 15:55	200	Other	NA	Electronic	325.318	325.599
EURHUFmicro	26-07-18	09:32-11:30			324.449	26-07-18 09:43	100	Other	NA	Electronic	324.168	324.449
EURHUFmicro	26-07-18	11:32-13:30			324.859	26-07-18 12:00	200	Other	NA	Electronic	324.593	324.859
EURHUFmicro	26-07-18	13:32-15:30			324.31	26-07-18 13:37	4000	Other	NA	Electronic	324.029	324.31
EURHUFmicro	26-07-18	15:32-17:30			323.977	26-07-18 16:01	900	Other	NA	Electronic	323.676	323.977
EURHUFmicro	27-07-18	09:32-11:30			323.756	27-07-18 09:58	100	Other	NA	Electronic	323.47	323.751
EURHUFmicro	27-07-18	11:32-13:30			323.34	27-07-18 12:00	200	Other	NA	Electronic	323.062	323.34
EURHUFmicro	27-07-18	13:32-15:30			322.525	27-07-18 13:59	3000	Other	NA	Electronic	322.228	322.525
EURHUFmicro	27-07-18	15:32-17:30			321.986	27-07-18 16:08	10	Other	NA	Electronic	321.986	322.301

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	30-07-18	11:32-13:30			321.91	30-07-18 11:52	50	Other	NA	Electronic	321.91	322.17
EURHUFmicro	30-07-18	13:32-15:30			322.11	30-07-18 14:04	2000	Other	NA	Electronic	321.841	322.11
EURHUFmicro	30-07-18	15:32-17:30			321.87	30-07-18 16:20	100	Other	NA	Electronic	321.578	321.87
EURHUFmicro	31-07-18	09:30-09:32	320.989	1000								
EURHUFmicro	31-07-18	11:30-11:32	320.42	750								
EURHUFmicro	31-07-18	13:32-15:30			321.187	31-07-18 13:38	50	Other	NA	Electronic	320.906	321.187
EURHUFmicro	31-07-18	15:32-17:30			320.524	31-07-18 15:32	200	Other	NA	Electronic	320.524	320.827
EURHUFmicro	01-08-18	09:32-11:30			321.663	01-08-18 09:43	10	Other	NA	Electronic	321.38	321.663
EURHUFmicro	01-08-18	11:32-13:30			321.234	01-08-18 12:16	270	Other	NA	Electronic	321.234	321.52
EURHUFmicro	01-08-18	13:32-15:30			321.17	01-08-18 13:45	500	Other	NA	Electronic	320.903	321.17
EURHUFmicro	01-08-18	15:32-17:30			321.097	01-08-18 16:15	100	Other	NA	Electronic	320.795	321.097
EURHUFmicro	02-08-18	09:32-11:30			322.086	02-08-18 09:38	210	Other	NA	Electronic	321.761	322.039
EURHUFmicro	02-08-18	11:32-13:30			321.982	02-08-18 12:17	40	Other	NA	Electronic	321.698	321.982
EURHUFmicro	02-08-18	13:32-15:30			321.08	02-08-18 14:54	100	Other	NA	Electronic	320.798	321.08
EURHUFmicro	03-08-18	09:32-11:30			320.805	03-08-18 10:34	10	Other	NA	Electronic	320.805	321.08



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	03-08-18	11:32-13:30			321.049	03-08-18 12:24	100	Other	NA	Electronic	320.774	321.049
EURHUFmicro	03-08-18	13:32-15:30			320.519	03-08-18 13:35	100	Other	NA	Electronic	320.519	320.803
EURHUFmicro	03-08-18	15:32-17:30			319.564	03-08-18 15:45	250	Other	NA	Electronic	319.564	319.853
EURHUFmicro	06-08-18	09:32-11:30			320.518	06-08-18 10:55	500	Other	NA	Electronic	320.246	320.518
EURHUFmicro	06-08-18	11:32-13:30			320.901	06-08-18 11:36	220	Other	NA	Electronic	320.619	320.901
EURHUFmicro	06-08-18	13:32-15:30			320.27	06-08-18 13:34	500	Other	NA	Electronic	320.27	320.554
EURHUFmicro	07-08-18	09:32-11:30			320.046	07-08-18 10:03	10000	Other	NA	Electronic	319.772	320.046
EURHUFmicro	07-08-18	11:32-13:30			319.904	07-08-18 11:36	1000	Other	NA	Electronic	319.904	320.202
EURHUFmicro	08-08-18	09:32-11:30			319.607	08-08-18 10:22	40	Other	NA	Electronic	319.344	319.607
EURHUFmicro	08-08-18	11:32-13:30			319.75	08-08-18 13:26	100	Other	NA	Electronic	319.47	319.75
EURHUFmicro	08-08-18	13:32-15:30			319.786	08-08-18 13:59	10	Other	NA	Electronic	319.504	319.786
EURHUFmicro	09-08-18	09:32-11:30			319.947	09-08-18 09:33	500	Other	NA	Electronic	319.947	320.237
EURHUFmicro	09-08-18	11:32-13:30			320.171	09-08-18 11:45	350	Other	NA	Electronic	320.171	320.445
EURHUFmicro	10-08-18	09:32-11:30			322.752	10-08-18 09:33	1000	Other	NA	Electronic	322.752	323.035
EURHUFmicro	10-08-18	11:32-13:30			322.727	10-08-18 11:54	2000	Other	NA	Electronic	322.727	323.003

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	10-08-18	13:32-15:30			321.289	10-08-18 14:14	1000	Other	NA	Electronic	320.925	321.289
EURHUFmicro	10-08-18	15:32-17:30			324.138	10-08-18 17:26	1000	Other	NA	Electronic	324.138	324.547
EURHUFmicro	13-08-18	09:32-11:30			324.611	13-08-18 10:21	20	Other	NA	Electronic	324.31	324.611
EURHUFmicro	13-08-18	11:32-13:30			324.439	13-08-18 11:49	1000	Other	NA	Electronic	324.439	324.726
EURHUFmicro	13-08-18	13:32-15:30			323.94	13-08-18 13:43	150	Other	NA	Electronic	323.602	323.94
EURHUFmicro	13-08-18	15:32-17:30			324.121	13-08-18 15:57	100	Other	NA	Electronic	323.805	324.121
EURHUFmicro	14-08-18	09:32-11:30			323.099	14-08-18 10:07	100	Other	NA	Electronic	323.099	323.416
EURHUFmicro	14-08-18	11:32-13:30			322.786	14-08-18 12:45	140	Other	NA	Electronic	322.494	322.786
EURHUFmicro	14-08-18	13:32-15:30			322.522	14-08-18 13:41	1000	Other	NA	Electronic	322.522	322.834
EURHUFmicro	15-08-18	09:32-11:30			324.212	15-08-18 10:07	10100	Other	NA	Electronic	323.877	324.212
EURHUFmicro	15-08-18	11:32-13:30			324.811	15-08-18 11:58	100	Other	NA	Electronic	324.811	325.126
EURHUFmicro	15-08-18	13:32-15:30			324.864	15-08-18 15:10	10	Other	NA	Electronic	324.864	325.191
EURHUFmicro	15-08-18	15:32-17:30			324.953	15-08-18 15:53	10	Other	NA	Electronic	324.63	324.953
EURHUFmicro	16-08-18	09:32-11:30			324.256	16-08-18 11:18	680	Other	NA	Electronic	323.949	324.256
EURHUFmicro	16-08-18	13:32-15:30			323.683	16-08-18 14:47	100	Other	NA	Electronic	323.413	323.683

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	17-08-18	09:32-11:30			324.439	17-08-18 10:02	1000	Other	NA	Electronic	324.115	324.439
EURHUFmicro	17-08-18	13:32-15:30			322.83	17-08-18 15:01	20100	Other	NA	Electronic	322.83	323.153
EURHUFmicro	17-08-18	15:32-17:30			323.189	17-08-18 15:36	100	Other	NA	Electronic	322.864	323.189
EURHUFmicro	20-08-18	09:32-11:30			323.728	20-08-18 10:54	100	Other	NA	Electronic	323.728	324.053
EURHUFmicro	20-08-18	11:32-13:30			323.098	20-08-18 13:29	20100	Other	NA	Electronic	323.098	323.499
EURHUFmicro	20-08-18	15:32-17:30			323.653	20-08-18 15:51	200	Other	NA	Electronic	323.653	323.921
EURHUFmicro	21-08-18	11:32-13:30			323.578	21-08-18 12:21	200	Other	NA	Electronic	323.578	323.918
EURHUFmicro	22-08-18	15:32-17:30			323.162	22-08-18 15:50	100	Other	NA	Electronic	322.838	323.162
EURHUFmicro	23-08-18	09:32-11:30			323.699	23-08-18 09:44	20100	Other	NA	Electronic	323.699	323.977
EURHUFmicro	23-08-18	15:32-17:30			324.329	23-08-18 15:47	10	Other	NA	Electronic	324.329	324.651
EURHUFmicro	27-08-18	09:32-11:30			323.788	27-08-18 11:00	100	Other	NA	Electronic	323.788	324.105
EURHUFmicro	29-08-18	11:32-13:30			325.146	29-08-18 13:03	20	Other	NA	Electronic	324.854	325.146
EURHUFmicro	29-08-18	13:30-13:32	325.119	140								
EURHUFmicro	29-08-18	15:32-17:30			325.976	29-08-18 16:12	5100	Other	NA	Electronic	325.652	325.976
EURHUFmicro	30-08-18	09:32-11:30			326.267	30-08-18 10:51	1000	Other	NA	Electronic	325.993	326.267

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EURHUFmicro	30-08-18	11:32-13:30			326.042	30-08-18 12:33	100	Other	NA	Electronic	326.042	326.332
EURHUFmicro	30-08-18	13:32-15:30			326.714	30-08-18 15:26	1000	Other	NA	Electronic	326.714	326.971
EURHUFmicro	30-08-18	15:32-17:30			326.883	30-08-18 16:55	100	Other	NA	Electronic	326.883	327.159
EURHUFmicro	31-08-18	13:32-15:30			326.004	31-08-18 14:42	1000	Other	NA	Electronic	325.739	326.004
EURHUFmicro	31-08-18	15:32-17:30			326.772	31-08-18 15:56	100	Other	NA	Electronic	326.514	326.772
EURHUFmicro	03-09-18	11:32-13:30			326.69	03-09-18 11:54	100	Other	NA	Electronic	326.446	326.69
EURHUFmicro	03-09-18	13:32-15:30			326.921	03-09-18 14:04	10	Other	NA	Electronic	326.921	327.162
EURHUFmicro	03-09-18	15:32-17:30			327.018	03-09-18 17:17	2000	Other	NA	Electronic	326.68	327.018
EURHUFmicro	04-09-18	13:32-15:30			327.58	04-09-18 14:05	1000	Other	NA	Electronic	327.58	327.823
EURHUFmicro	04-09-18	15:32-17:30			328.046	04-09-18 16:06	300	Other	NA	Electronic	327.774	328.046
EURHUFmicro	05-09-18	09:32-11:30			328.622	05-09-18 10:28	500	Other	NA	Electronic	328.622	328.876
EURHUFmicro	05-09-18	11:32-13:30			327.326	05-09-18 13:14	300	Other	NA	Electronic	327.326	327.579
EURHUFmicro	05-09-18	15:32-17:30			328.38	05-09-18 15:36	100	Other	NA	Electronic	328.078	328.38
EURHUFmicro	06-09-18	09:32-11:30			327.223	06-09-18 09:37	700	Other	NA	Electronic	327.223	327.456
EURHUFmicro	06-09-18	11:32-13:30			324.762	06-09-18 12:17	20	Other	NA	Electronic	324.762	325.804

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EURHUFmicro	06-09-18	13:32-15:30			326.782	06-09-18 13:44	400	Other	NA	Electronic	326.53	326.782
EURHUFmicro	07-09-18	09:32-11:30			325.272	07-09-18 09:59	1000	Other	NA	Electronic	325.031	325.272
EURHUFmicro	07-09-18	11:32-13:30			324.849	07-09-18 11:38	1000	Other	NA	Electronic	324.585	324.849
EURHUFmicro	07-09-18	13:32-15:30			324.978	07-09-18 13:51	200	Other	NA	Electronic	324.978	325.226
EURHUFmicro	07-09-18	15:32-17:30			325.306	07-09-18 16:52	1000	Other	NA	Electronic	325.306	325.587
EURHUFmicro	10-09-18	11:32-13:30			325.272	10-09-18 12:20	10000	Other	NA	Electronic	325.024	325.272
EURHUFmicro	10-09-18	13:32-15:30			324.73	10-09-18 14:50	500	Other	NA	Electronic	324.73	324.981
EURHUFmicro	11-09-18	13:32-15:30			324.958	11-09-18 14:34	500	Other	NA	Electronic	324.699	324.958
EURHUFmicro	12-09-18	09:32-11:30			325.729	12-09-18 11:10	10	Other	NA	Electronic	325.402	325.729
EURHUFmicro	12-09-18	11:32-13:30			325.67	12-09-18 11:42	310	Other	NA	Electronic	325.67	325.925
EURHUFmicro	12-09-18	13:32-15:30			325.373	12-09-18 14:11	1000	Other	NA	Electronic	325.12	325.373
EURHUFmicro	12-09-18	15:32-17:30			325.256	12-09-18 16:51	100	Other	NA	Electronic	325.256	325.535
EURHUFmicro	13-09-18	09:32-11:30			325.574	13-09-18 09:39	50	Other	NA	Electronic	325.574	325.822
EURHUFmicro	13-09-18	11:30-11:32	324.903	600								
EURHUFmicro	13-09-18	13:32-15:30			323.698	13-09-18 13:46	400	Other	NA	Electronic	323.698	324.036

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EURHUFmicro	14-09-18	09:32-11:30			323.374	14-09-18 10:44	1000	Other	NA	Electronic	323.374	323.627
EURHUFmicro	14-09-18	11:32-13:30			323.499	14-09-18 11:49	30	Other	NA	Electronic	323.499	323.751
EURHUFmicro	14-09-18	13:32-15:30			325.108	14-09-18 14:28	50	Other	NA	Electronic	324.856	325.108
EURHUFmicro	14-09-18	15:32-17:30			324.884	14-09-18 15:36	100	Other	NA	Electronic	324.884	325.115
EURHUFmicro	17-09-18	13:32-15:30			324.651	17-09-18 14:43	10	Other	NA	Electronic	324.413	324.651
EURHUFmicro	17-09-18	15:32-17:30			325.225	17-09-18 16:36	10	Other	NA	Electronic	324.951	325.225
EURHUFmicro	18-09-18	09:32-11:30			324.166	18-09-18 11:17	200	Other	NA	Electronic	323.913	324.166
EURHUFmicro	18-09-18	11:32-13:30			323.498	18-09-18 11:43	10	Other	NA	Electronic	323.498	323.77
EURHUFmicro	18-09-18	13:30-13:32	322.78	500								
EURHUFmicro	18-09-18	15:32-17:30			323.8	18-09-18 16:19	100	Other	NA	Electronic	323.8	324.081
EURHUFmicro	19-09-18	09:32-11:30			323.496	19-09-18 11:14	100	Other	NA	Electronic	323.245	323.496
EURHUFmicro	19-09-18	15:32-17:30			322.879	19-09-18 16:31	10	Other	NA	Electronic	322.879	323.161
EURHUFmicro	20-09-18	09:32-11:30			323.56	20-09-18 09:54	1000	Other	NA	Electronic	323.319	323.56
EURHUFmicro	20-09-18	11:32-13:30			323.623	20-09-18 11:44	1000	Other	NA	Electronic	323.623	323.87
EURHUFmicro	20-09-18	13:32-15:30			323.905	20-09-18 15:24	10000	Other	NA	Electronic	323.905	324.171

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURHUFmicro	20-09-18	15:32-17:30			323.879	20-09-18 15:42	10	Other	NA	Electronic	323.879	324.13
EURHUFmicro	21-09-18	09:32-11:30			323.753	21-09-18 10:24	140	Other	NA	Electronic	323.491	323.753
EURHUFmicro	21-09-18	11:32-13:30			323.985	21-09-18 12:01	200	Other	NA	Electronic	323.985	324.226
EURHUFmicro	21-09-18	13:30-13:32	324.258	1010								
EURHUFmicro	21-09-18	15:32-17:30			323.725	21-09-18 16:21	100	Other	NA	Electronic	323.725	324.007
EURHUFmicro	24-09-18	09:32-11:30			323.75	24-09-18 10:26	1000	Other	NA	Electronic	323.502	323.75
EURHUFmicro	24-09-18	11:32-13:30			323.778	24-09-18 12:54	1000	Other	NA	Electronic	323.514	323.778
EURHUFmicro	24-09-18	15:32-17:30			323.669	24-09-18 16:23	100	Other	NA	Electronic	323.386	323.67
EURHUFmicro	25-09-18	09:32-11:30			323.72	25-09-18 10:16	1000	Other	NA	Electronic	323.47	323.72
EURHUFmicro	25-09-18	11:32-13:30			323.8	25-09-18 11:58	1000	Other	NA	Electronic	323.8	324.05
EURHUFmicro	25-09-18	13:32-15:30			324.259	25-09-18 13:32	1010	Other	NA	Electronic	324.259	324.516
EURHUFmicro	26-09-18	09:32-11:30			324.192	26-09-18 09:40	150	Other	NA	Electronic	323.948	324.192
EURHUFmicro	28-09-18	09:32-11:30			324.219	28-09-18 09:40	100	Other	NA	Electronic	323.979	324.219
EURHUFmicro	28-09-18	13:32-15:30			324.012	28-09-18 14:14	300	Other	NA	Electronic	323.772	324.012
EURHUFmicro	28-09-18	15:32-17:30			323.379	28-09-18 15:44	1000	Other	NA	Electronic	323.379	323.645

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	02-07-18	09:30-09:32	128.9945	100000								
EURJPY	02-07-18	11:30-11:32	128.86667	126000								
EURJPY	02-07-18	13:30-13:32	128.62258	46000								
EURJPY	02-07-18	15:30-15:32	128.5038	36000								
EURJPY	03-07-18	09:30-09:32	129.265	19000								
EURJPY	03-07-18	11:30-11:32	129.1915	83000								
EURJPY	03-07-18	13:30-13:32	128.94825	18000								
EURJPY	03-07-18	15:30-15:32	128.88367	26000								
EURJPY	04-07-18	09:30-09:32	128.644	71000								
EURJPY	04-07-18	11:32-13:30			128.609	04-07-18 11:32	5000	Other	NA	Electronic	128.609	128.634
EURJPY	04-07-18	13:30-13:32	128.64533	3000								
EURJPY	04-07-18	15:32-17:30			128.665	04-07-18 15:32	5000	Other	NA	Electronic	128.638	128.665
EURJPY	05-07-18	09:30-09:32	129.317	1000								
EURJPY	05-07-18	11:30-11:32	129.412	13000								
EURJPY	05-07-18	13:30-13:32	129.4075	132000								



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EURJPY	05-07-18	15:30-15:32	129.385	1000								
EURJPY	06-07-18	09:30-09:32	129.54	11000								
EURJPY	06-07-18	11:30-11:32	129.587	30000								
EURJPY	06-07-18	13:30-13:32	129.93414	35000								
EURJPY	06-07-18	15:30-15:32	129.81	5000								
EURJPY	09-07-18	09:30-09:32	130.035	10000								
EURJPY	09-07-18	11:32-13:30			130.058	09-07-18 11:34	1000	Other	NA	Electronic	130.058	130.081
EURJPY	09-07-18	13:30-13:32	130.165	21000								
EURJPY	09-07-18	15:30-15:32	130.0785	75000								
EURJPY	10-07-18	09:30-09:32	130.34767	14000								
EURJPY	10-07-18	11:30-11:32	130.24925	38000								
EURJPY	10-07-18	13:30-13:32	130.291	10000								
EURJPY	10-07-18	15:30-15:32	130.49322	582000								
EURJPY	11-07-18	09:30-09:32	130.13275	51000								
EURJPY	11-07-18	11:30-11:32	130.283	25000								

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EURJPY	11-07-18	13:30-13:32	130.62427	157000								
EURJPY	11-07-18	15:30-15:32	130.71785	63000								
EURJPY	12-07-18	09:30-09:32	131.29733	9000								
EURJPY	12-07-18	11:30-11:32	131.20044	79000								
EURJPY	12-07-18	13:30-13:32	131.33733	22000								
EURJPY	12-07-18	15:30-15:32	131.39275	27000								
EURJPY	13-07-18	09:30-09:32	130.95578	442000								
EURJPY	13-07-18	11:32-13:30			130.922	13-07-18 11:32	5000	Other	NA	Electronic	130.897	130.922
EURJPY	13-07-18	13:30-13:32	130.98767	227000								
EURJPY	13-07-18	15:30-15:32	131.26654	403000								
EURJPY	16-07-18	09:30-09:32	131.57533	11000								
EURJPY	16-07-18	11:30-11:32	131.665	5000								
EURJPY	16-07-18	13:30-13:32	131.5835	51000								
EURJPY	16-07-18	15:30-15:32	131.509	10000								
EURJPY	17-07-18	09:30-09:32	131.845	28000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	17-07-18	11:30-11:32	131.80067	4000								
EURJPY	17-07-18	13:30-13:32	131.807	8000								
EURJPY	17-07-18	15:30-15:32	131.8035	8000								
EURJPY	18-07-18	09:30-09:32	131.334	2000								
EURJPY	18-07-18	11:32-13:30			131.278	18-07-18 11:33	1000	Other	NA	Electronic	131.251	131.278
EURJPY	18-07-18	13:30-13:32	131.2034	12000								
EURJPY	18-07-18	15:32-17:30			131.322	18-07-18 15:33	1000	Other	NA	Electronic	131.323	131.347
EURJPY	19-07-18	09:30-09:32	131.143	2000								
EURJPY	19-07-18	11:30-11:32	130.98767	27000								
EURJPY	19-07-18	13:30-13:32	131.0674	22000								
EURJPY	19-07-18	15:32-17:30			131.042	19-07-18 15:33	20000	Other	NA	Electronic	131.015	131.042
EURJPY	20-07-18	09:30-09:32	130.9834	8000								
EURJPY	20-07-18	11:30-11:32	130.961	50000								
EURJPY	20-07-18	13:30-13:32	131.0422	30000								
EURJPY	20-07-18	15:32-17:30			130.868	20-07-18 15:35	1000	Other	NA	Electronic	130.868	130.892

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EURJPY	23-07-18	09:30-09:32	129.94848	1042000								
EURJPY	23-07-18	11:30-11:32	130.1375	26000								
EURJPY	23-07-18	13:30-13:32	130.33333	23000								
EURJPY	23-07-18	15:30-15:32	130.35	10000								
EURJPY	24-07-18	09:30-09:32	129.99142	200000								
EURJPY	24-07-18	11:32-13:30			130.018	24-07-18 11:32	5000	Other	NA	Electronic	129.993	130.018
EURJPY	24-07-18	13:30-13:32	129.9632	57000								
EURJPY	24-07-18	15:30-15:32	130.092	3000								
EURJPY	25-07-18	09:30-09:32	129.994	30000								
EURJPY	25-07-18	11:30-11:32	129.878	16000								
EURJPY	25-07-18	13:30-13:32	129.97767	22000								
EURJPY	25-07-18	15:30-15:32	129.497	16000								
EURJPY	26-07-18	09:30-09:32	129.724	10000								
EURJPY	26-07-18	11:30-11:32	129.82775	59000								
EURJPY	26-07-18	13:30-13:32	129.70323	129000								

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EURJPY	26-07-18	15:30-15:32	129.5345	3000								
EURJPY	27-07-18	09:32-11:30			129.325	27-07-18 09:33	1000	Other	NA	Electronic	129.325	129.348
EURJPY	27-07-18	11:32-13:30			129.261	27-07-18 11:38	8000	Other	NA	Electronic	129.261	129.285
EURJPY	27-07-18	13:30-13:32	129.281	20000								
EURJPY	27-07-18	15:32-17:30			129.345	27-07-18 15:34	1000	Other	NA	Electronic	129.322	129.345
EURJPY	30-07-18	09:30-09:32	129.7795	110000								
EURJPY	30-07-18	11:30-11:32	129.757	20000								
EURJPY	30-07-18	13:30-13:32	129.856	10000								
EURJPY	30-07-18	15:30-15:32	130.017	2000								
EURJPY	31-07-18	09:30-09:32	130.761	3000								
EURJPY	31-07-18	11:30-11:32	130.82975	362000								
EURJPY	31-07-18	13:30-13:32	131.00557	158000								
EURJPY	31-07-18	15:30-15:32	130.981	15000								
EURJPY	01-08-18	09:30-09:32	130.80425	20000								
EURJPY	01-08-18	11:30-11:32	130.691	1000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	01-08-18	13:30-13:32	130.85133	7000								
EURJPY	01-08-18	15:30-15:32	130.52133	32000								
EURJPY	02-08-18	09:30-09:32	129.5215	35000								
EURJPY	02-08-18	11:30-11:32	129.5345	34000								
EURJPY	02-08-18	13:32-15:30			129.475	02-08-18 13:34	5000	Other	NA	Electronic	129.451	129.475
EURJPY	02-08-18	15:32-17:30			129.474	02-08-18 15:38	1000	Other	NA	Electronic	129.448	129.474
EURJPY	03-08-18	09:30-09:32	129.387	2000								
EURJPY	03-08-18	11:30-11:32	129.49909	56000								
EURJPY	03-08-18	13:30-13:32	128.8766	493000								
EURJPY	03-08-18	15:30-15:32	128.925	2000								
EURJPY	06-08-18	09:30-09:32	128.665	1000								
EURJPY	06-08-18	11:32-13:30			128.591	06-08-18 11:34	2000	Other	NA	Electronic	128.566	128.591
EURJPY	06-08-18	13:32-15:30			128.66	06-08-18 13:34	2000	Other	NA	Electronic	128.66	128.685
EURJPY	06-08-18	15:30-15:32	128.842	10000								
EURJPY	07-08-18	09:30-09:32	128.903	1000								

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EURJPY	07-08-18	11:30-11:32	128.882	5000								
EURJPY	07-08-18	13:32-15:30			128.86	07-08-18 13:34	5000	Other	NA	Electronic	128.86	128.885
EURJPY	07-08-18	15:30-15:32	128.852	2000								
EURJPY	08-08-18	09:30-09:32	128.636	28000								
EURJPY	08-08-18	11:32-13:30			128.794	08-08-18 11:32	2000	Other	NA	Electronic	128.794	128.817
EURJPY	08-08-18	13:30-13:32	128.683	21000								
EURJPY	08-08-18	15:30-15:32	128.7375	29000								
EURJPY	09-08-18	09:30-09:32	128.844	1000								
EURJPY	09-08-18	11:32-13:30			128.803	09-08-18 11:48	20000	Other	NA	Electronic	128.803	128.828
EURJPY	09-08-18	13:32-15:30			128.698	09-08-18 13:32	1000	Other	NA	Electronic	128.672	128.698
EURJPY	09-08-18	15:32-17:30			128.374	09-08-18 15:33	1000	Other	NA	Electronic	128.351	128.374
EURJPY	10-08-18	09:32-11:30			127.256	10-08-18 09:32	2000	Other	NA	Electronic	127.231	127.256
EURJPY	10-08-18	11:30-11:32	127.128	2000								
EURJPY	10-08-18	13:30-13:32	126.59129	207000								
EURJPY	10-08-18	15:30-15:32	126.343	800000								

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	13-08-18	09:32-11:30			125.656	13-08-18 09:32	1000	Other	NA	Electronic	125.656	125.683
EURJPY	13-08-18	11:30-11:32	125.53	2000								
EURJPY	13-08-18	13:30-13:32	126.55225	66000								
EURJPY	13-08-18	15:30-15:32	126.304	46000								
EURJPY	14-08-18	09:30-09:32	126.458	4000								
EURJPY	14-08-18	11:32-13:30			126.458	14-08-18 11:34	100000	Other	NA	Electronic	126.434	126.458
EURJPY	14-08-18	13:32-15:30			126.263	14-08-18 13:34	50000	Other	NA	Electronic	126.263	126.288
EURJPY	14-08-18	15:30-15:32	125.8635	4000								
EURJPY	15-08-18	09:32-11:30			126.01	15-08-18 09:37	2000	Other	NA	Electronic	126.01	126.036
EURJPY	15-08-18	11:30-11:32	125.56267	7000								
EURJPY	15-08-18	13:30-13:32	125.47067	21000								
EURJPY	15-08-18	15:30-15:32	125.11	5000								
EURJPY	16-08-18	09:32-11:30			126.007	16-08-18 09:33	10000	Other	NA	Electronic	125.982	126.007
EURJPY	16-08-18	11:30-11:32	126.118	1000								
EURJPY	16-08-18	13:32-15:30			125.897	16-08-18 13:32	20000	Other	NA	Electronic	125.872	125.897



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EURJPY	16-08-18	15:30-15:32	126.172	1000								
EURJPY	17-08-18	09:30-09:32	126.059	93000								
EURJPY	17-08-18	11:30-11:32	125.853	1000								
EURJPY	17-08-18	13:30-13:32	125.95567	7000								
EURJPY	17-08-18	15:32-17:30			126.107	17-08-18 15:32	1000	Other	NA	Electronic	126.083	126.107
EURJPY	20-08-18	09:32-11:30			126.206	20-08-18 09:34	1000	Other	NA	Electronic	126.206	126.231
EURJPY	20-08-18	11:32-13:30			126.268	20-08-18 11:32	1000	Other	NA	Electronic	126.242	126.268
EURJPY	20-08-18	13:30-13:32	126.23	15000								
EURJPY	20-08-18	15:30-15:32	126.356	1000								
EURJPY	21-08-18	09:30-09:32	127.04833	5000								
EURJPY	21-08-18	11:32-13:30			127.055	21-08-18 11:59	5000	Other	NA	Electronic	127.055	127.08
EURJPY	21-08-18	13:30-13:32	127.101	11000								
EURJPY	21-08-18	15:30-15:32	127.27	1000								
EURJPY	22-08-18	09:30-09:32	127.803	2000								
EURJPY	22-08-18	11:30-11:32	128.026	2000								

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EURJPY	22-08-18	13:30-13:32	128.097	2000								
EURJPY	22-08-18	15:30-15:32	128.142	56000								
EURJPY	23-08-18	09:30-09:32	128.114	13000								
EURJPY	23-08-18	11:32-13:30			128.315	23-08-18 11:32	20000	Other	NA	Electronic	128.315	128.339
EURJPY	23-08-18	13:32-15:30			128.327	23-08-18 13:35	2000	Other	NA	Electronic	128.327	128.351
EURJPY	23-08-18	15:30-15:32	128.65025	181000								
EURJPY	24-08-18	09:32-11:30			128.878	24-08-18 09:34	1000	Other	NA	Electronic	128.852	128.878
EURJPY	24-08-18	11:32-13:30			129.018	24-08-18 11:35	20000	Other	NA	Electronic	128.995	129.018
EURJPY	24-08-18	13:30-13:32	129.16219	96000								
EURJPY	24-08-18	15:32-17:30			129.282	24-08-18 15:33	1000	Other	NA	Electronic	129.258	129.282
EURJPY	27-08-18	09:32-11:30			129.114	27-08-18 09:33	4000	Other	NA	Electronic	129.09	129.114
EURJPY	27-08-18	11:30-11:32	129.071	2000								
EURJPY	27-08-18	13:30-13:32	129.26075	135000								
EURJPY	27-08-18	15:30-15:32	129.615	300000								
EURJPY	28-08-18	09:30-09:32	129.978	1000								

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	28-08-18	11:32-13:30			129.951	28-08-18 11:33	1000	Other	NA	Electronic	129.951	129.976
EURJPY	28-08-18	13:30-13:32	130.2095	51000								
EURJPY	28-08-18	15:32-17:30			130.143	28-08-18 15:32	10000	Other	NA	Electronic	130.143	130.169
EURJPY	29-08-18	09:30-09:32	129.768	15000								
EURJPY	29-08-18	11:30-11:32	129.7224	35000								
EURJPY	29-08-18	13:30-13:32	129.99823	31000								
EURJPY	29-08-18	15:30-15:32	130.6826	146000								
EURJPY	30-08-18	09:30-09:32	130.387	1000								
EURJPY	30-08-18	11:32-13:30			130.346	30-08-18 11:32	10000	Other	NA	Electronic	130.346	130.371
EURJPY	30-08-18	13:30-13:32	129.75565	212000								
EURJPY	30-08-18	15:30-15:32	129.5558	12000								
EURJPY	31-08-18	09:30-09:32	129.284	156000								
EURJPY	31-08-18	11:30-11:32	129.099	15000								
EURJPY	31-08-18	13:30-13:32	128.839	162000								
EURJPY	31-08-18	15:30-15:32	128.68644	111000								

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EURJPY	03-09-18	09:30-09:32	128.78225	8000								
EURJPY	03-09-18	11:30-11:32	129.03267	13000								
EURJPY	03-09-18	13:32-15:30			129.044	03-09-18 13:47	100000	Other	NA	Electronic	129.02	129.044
EURJPY	03-09-18	15:30-15:32	129.0665	6000								
EURJPY	04-09-18	09:30-09:32	128.821	2000								
EURJPY	04-09-18	11:30-11:32	128.57931	268000								
EURJPY	04-09-18	13:32-15:30			128.628	04-09-18 13:36	1000	Other	NA	Electronic	128.603	128.628
EURJPY	04-09-18	15:30-15:32	128.792	16000								
EURJPY	05-09-18	09:30-09:32	129.176	4000								
EURJPY	05-09-18	11:30-11:32	129.26	40000								
EURJPY	05-09-18	13:30-13:32	129.8421	46000								
EURJPY	05-09-18	15:30-15:32	129.495	12000								
EURJPY	06-09-18	09:30-09:32	129.487	1000								
EURJPY	06-09-18	11:30-11:32	129.439	2000								
EURJPY	06-09-18	13:30-13:32	129.327	2000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPY	06-09-18	15:32-17:30			128.831	06-09-18 15:32	10000	Other	NA	Electronic	128.805	128.831
EURJPY	07-09-18	09:30-09:32	129.00986	12000								
EURJPY	07-09-18	11:30-11:32	128.70125	109000								
EURJPY	07-09-18	13:30-13:32	128.397	1000								
EURJPY	07-09-18	15:32-17:30			128.761	07-09-18 15:35	2000	Other	NA	Electronic	128.736	128.761
EURJPY	10-09-18	09:30-09:32	128.74118	64000								
EURJPY	10-09-18	11:30-11:32	128.577	1000								
EURJPY	10-09-18	13:30-13:32	128.99733	3000								
EURJPY	10-09-18	15:30-15:32	128.952	10000								
EURJPY	11-09-18	09:30-09:32	129.23075	17000								
EURJPY	11-09-18	11:30-11:32	128.99075	15000								
EURJPY	11-09-18	13:30-13:32	129.0715	29000								
EURJPY	11-09-18	15:30-15:32	129.22467	152000								
EURJPY	12-09-18	09:30-09:32	129.233	1000								
EURJPY	12-09-18	11:30-11:32	129.14382	129000								

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EURJPY	12-09-18	13:30-13:32	129.084	15000								
EURJPY	12-09-18	15:30-15:32	129.704	21000								
EURJPY	13-09-18	09:32-11:30			129.451	13-09-18 09:33	5000	Other	NA	Electronic	129.426	129.451
EURJPY	13-09-18	11:32-13:30			129.749	13-09-18 11:36	5000	Other	NA	Electronic	129.749	129.775
EURJPY	13-09-18	13:30-13:32	130.31067	34000								
EURJPY	13-09-18	15:32-17:30			130.73	13-09-18 15:41	1000	Other	NA	Electronic	130.705	130.73
EURJPY	14-09-18	09:30-09:32	130.812	37000								
EURJPY	14-09-18	11:30-11:32	130.878	1000								
EURJPY	14-09-18	13:30-13:32	130.632	19000								
EURJPY	14-09-18	15:30-15:32	130.801	1000								
EURJPY	17-09-18	09:30-09:32	130.42033	3000								
EURJPY	17-09-18	11:30-11:32	130.698	2000								
EURJPY	17-09-18	13:30-13:32	130.97967	3000								
EURJPY	17-09-18	15:32-17:30			130.882	17-09-18 15:33	3000	Other	NA	Electronic	130.86	130.882
EURJPY	18-09-18	09:30-09:32	130.76429	141000								

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EURJPY	18-09-18	11:30-11:32	130.9188	44000								
EURJPY	18-09-18	13:30-13:32	131.37	120000								
EURJPY	18-09-18	15:30-15:32	131.27	2000								
EURJPY	19-09-18	09:30-09:32	131.389	114000								
EURJPY	19-09-18	11:30-11:32	131.1916	104000								
EURJPY	19-09-18	13:30-13:32	131.0585	15000								
EURJPY	19-09-18	15:30-15:32	131.03929	22000								
EURJPY	20-09-18	09:30-09:32	131.38563	24000								
EURJPY	20-09-18	11:30-11:32	131.74109	573000								
EURJPY	20-09-18	13:30-13:32	132.08011	129000								
EURJPY	20-09-18	15:30-15:32	132.1815	16000								
EURJPY	21-09-18	09:30-09:32	132.786	45000								
EURJPY	21-09-18	11:30-11:32	132.651	100000								
EURJPY	21-09-18	13:30-13:32	132.29945	62000								
EURJPY	21-09-18	15:30-15:32	132.27233	7000								

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EURJPY	24-09-18	09:30-09:32	132.602	50000								
EURJPY	24-09-18	11:32-13:30			132.483	24-09-18 11:34	1000	Other	NA	Electronic	132.46	132.484
EURJPY	24-09-18	13:30-13:32	132.944	5000								
EURJPY	24-09-18	15:30-15:32	132.6342	9000								
EURJPY	25-09-18	09:32-11:30			132.713	25-09-18 09:36	114000	Other	NA	Electronic	132.713	132.738
EURJPY	25-09-18	11:30-11:32	132.87738	32000								
EURJPY	25-09-18	13:30-13:32	132.948	133000								
EURJPY	25-09-18	15:30-15:32	132.894	10000								
EURJPY	26-09-18	09:32-11:30			132.838	26-09-18 09:33	1000	Other	NA	Electronic	132.815	132.838
EURJPY	26-09-18	11:30-11:32	132.641	6000								
EURJPY	26-09-18	13:32-15:30			132.587	26-09-18 13:36	19000	Other	NA	Electronic	132.564	132.587
EURJPY	26-09-18	15:30-15:32	132.748	114000								
EURJPY	27-09-18	09:30-09:32	132.10825	13000								
EURJPY	27-09-18	11:32-13:30			132.042	27-09-18 11:32	2000	Other	NA	Electronic	132.041	132.067
EURJPY	27-09-18	13:30-13:32	132.042	1000								



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EURJPY	27-09-18	15:30-15:32	132.187	22000								
EURJPY	28-09-18	09:30-09:32	131.6293	51000								
EURJPY	28-09-18	11:32-13:30			131.361	28-09-18 11:34	1000	Other	NA	Electronic	131.337	131.361
EURJPY	28-09-18	13:30-13:32	131.3685	11000								
EURJPY	28-09-18	15:30-15:32	131.858	7000								
EURJPY.	02-07-18	09:32-11:30			128.979	02-07-18 09:50	2000	Other	NA	Electronic	128.974	128.979
EURJPY.	02-07-18	11:30-11:32	128.861	30000								
EURJPY.	02-07-18	13:30-13:32	128.658	7000								
EURJPY.	02-07-18	15:32-17:30			128.501	02-07-18 15:55	32000	Other	NA	Electronic	128.501	128.507
EURJPY.	03-07-18	09:30-09:32	129.278	6000								
EURJPY.	03-07-18	11:30-11:32	129.193	9000								
EURJPY.	03-07-18	13:32-15:30			128.937	03-07-18 13:35	1000	Other	NA	Electronic	128.932	128.937
EURJPY.	03-07-18	15:32-17:30			128.81	03-07-18 15:52	1000	Other	NA	Electronic	128.81	128.817
EURJPY.	04-07-18	09:30-09:32	128.631	10000								
EURJPY.	04-07-18	11:32-13:30			128.626	04-07-18 11:40	30000	Other	NA	Electronic	128.626	128.633

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EURJPY.	04-07-18	13:32-15:30			128.614	04-07-18 13:49	10000	Other	NA	Electronic	128.614	128.621
EURJPY.	04-07-18	15:32-17:30			128.658	04-07-18 15:36	1000	Other	NA	Electronic	128.651	128.658
EURJPY.	05-07-18	09:30-09:32	129.323	2000								
EURJPY.	05-07-18	11:32-13:30			129.452	05-07-18 11:38	400000	Other	NA	Electronic	129.444	129.451
EURJPY.	05-07-18	13:30-13:32	129.417	18000								
EURJPY.	05-07-18	15:30-15:32	129.386	5000								
EURJPY.	06-07-18	09:32-11:30			129.518	06-07-18 09:39	1000	Other	NA	Electronic	129.512	129.518
EURJPY.	06-07-18	11:32-13:30			129.613	06-07-18 11:45	10000	Other	NA	Electronic	129.613	129.618
EURJPY.	06-07-18	13:32-15:30			129.885	06-07-18 13:32	100000	Other	NA	Electronic	129.883	129.888
EURJPY.	06-07-18	15:32-17:30			129.795	06-07-18 15:36	8000	Other	NA	Electronic	129.795	129.801
EURJPY.	09-07-18	09:32-11:30			130.04	09-07-18 09:42	200000	Other	NA	Electronic	130.033	130.04
EURJPY.	09-07-18	11:30-11:32	130.087	5000								
EURJPY.	09-07-18	13:32-15:30			130.21	09-07-18 13:36	150000	Other	NA	Electronic	130.21	130.216
EURJPY.	09-07-18	15:30-15:32	130.098	5000								
EURJPY.	10-07-18	09:30-09:32	130.3255	20000								

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EURJPY.	10-07-18	11:32-13:30			130.272	10-07-18 11:46	22000	Other	NA	Electronic	130.272	130.278
EURJPY.	10-07-18	13:30-13:32	130.3	1000								
EURJPY.	10-07-18	15:30-15:32	130.499	67000								
EURJPY.	11-07-18	09:32-11:30			130.118	11-07-18 09:32	3000	Other	NA	Electronic	130.118	130.123
EURJPY.	11-07-18	11:32-13:30			130.288	11-07-18 11:35	10000	Other	NA	Electronic	130.284	130.288
EURJPY.	11-07-18	13:30-13:32	130.6295	202000								
EURJPY.	11-07-18	15:30-15:32	130.695	5000								
EURJPY.	12-07-18	09:32-11:30			131.246	12-07-18 09:40	5000	Other	NA	Electronic	131.24	131.246
EURJPY.	12-07-18	11:30-11:32	131.172	7000								
EURJPY.	12-07-18	13:30-13:32	131.338	1000								
EURJPY.	12-07-18	15:32-17:30			131.397	12-07-18 15:45	72000	Other	NA	Electronic	131.397	131.405
EURJPY.	13-07-18	09:30-09:32	130.9375	4000								
EURJPY.	13-07-18	11:30-11:32	130.876	30000								
EURJPY.	13-07-18	13:30-13:32	131.006	10000								
EURJPY.	13-07-18	15:30-15:32	131.2755	4000								

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EURJPY.	16-07-18	09:32-11:30			131.602	16-07-18 09:32	1000	Other	NA	Electronic	131.602	131.608
EURJPY.	16-07-18	11:30-11:32	131.678	1000								
EURJPY.	16-07-18	13:32-15:30			131.559	16-07-18 13:34	1000	Other	NA	Electronic	131.552	131.557
EURJPY.	16-07-18	15:32-17:30			131.497	16-07-18 15:32	12000	Other	NA	Electronic	131.497	131.504
EURJPY.	17-07-18	09:30-09:32	131.851	231000								
EURJPY.	17-07-18	11:32-13:30			131.746	17-07-18 11:34	138000	Other	NA	Electronic	131.739	131.745
EURJPY.	17-07-18	13:32-15:30			131.831	17-07-18 13:33	2000	Other	NA	Electronic	131.826	131.831
EURJPY.	17-07-18	15:30-15:32	131.822	2000								
EURJPY.	18-07-18	09:32-11:30			131.339	18-07-18 09:39	1000	Other	NA	Electronic	131.338	131.339
EURJPY.	18-07-18	11:32-13:30			131.223	18-07-18 11:39	95000	Other	NA	Electronic	131.223	131.229
EURJPY.	18-07-18	13:32-15:30			131.177	18-07-18 13:32	30000	Other	NA	Electronic	131.179	131.185
EURJPY.	18-07-18	15:32-17:30			131.356	18-07-18 15:36	3000	Other	NA	Electronic	131.351	131.356
EURJPY.	19-07-18	09:30-09:32	131.172	4000								
EURJPY.	19-07-18	11:32-13:30			131.014	19-07-18 11:34	1000	Other	NA	Electronic	131.008	131.014
EURJPY.	19-07-18	13:32-15:30			131.076	19-07-18 13:32	1000	Other	NA	Electronic	131.076	131.08

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EURJPY.	19-07-18	15:32-17:30			131.037	19-07-18 15:40	1000	Other	NA	Electronic	131.037	131.043
EURJPY.	20-07-18	09:30-09:32	130.992	20000								
EURJPY.	20-07-18	11:30-11:32	131.001	1000								
EURJPY.	20-07-18	13:30-13:32	131.0085	20000								
EURJPY.	20-07-18	15:32-17:30			130.872	20-07-18 15:35	1000	Other	NA	Electronic	130.872	130.877
EURJPY.	23-07-18	09:30-09:32	129.93486	165000								
EURJPY.	23-07-18	11:32-13:30			130.164	23-07-18 11:35	200000	Other	NA	Electronic	130.164	130.169
EURJPY.	23-07-18	13:30-13:32	130.342	6000								
EURJPY.	23-07-18	15:32-17:30			130.349	23-07-18 15:34	3000	Other	NA	Electronic	130.349	130.355
EURJPY.	24-07-18	09:30-09:32	129.996	31000								
EURJPY.	24-07-18	11:32-13:30			130.016	24-07-18 11:40	2000	Other	NA	Electronic	130.01	130.016
EURJPY.	24-07-18	13:32-15:30			129.953	24-07-18 13:32	1000	Other	NA	Electronic	129.948	129.953
EURJPY.	24-07-18	15:32-17:30			130.027	24-07-18 15:53	2000	Other	NA	Electronic	130.021	130.027
EURJPY.	25-07-18	09:30-09:32	129.979	2000								
EURJPY.	25-07-18	11:32-13:30			129.866	25-07-18 11:42	60000	Other	NA	Electronic	129.866	129.872

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EURJPY.	25-07-18	13:30-13:32	129.954	2000								
EURJPY.	25-07-18	15:30-15:32	129.491	20000								
EURJPY.	26-07-18	09:32-11:30			129.738	26-07-18 09:34	60000	Other	NA	Electronic	129.731	129.738
EURJPY.	26-07-18	11:30-11:32	129.83	1000								
EURJPY.	26-07-18	13:32-15:30			129.729	26-07-18 13:35	2000	Other	NA	Electronic	129.722	129.729
EURJPY.	26-07-18	15:32-17:30			129.547	26-07-18 15:39	15000	Other	NA	Electronic	129.547	129.553
EURJPY.	27-07-18	09:32-11:30			129.252	27-07-18 09:49	1000	Other	NA	Electronic	129.246	129.252
EURJPY.	27-07-18	11:32-13:30			129.251	27-07-18 12:03	3000	Other	NA	Electronic	129.251	129.257
EURJPY.	27-07-18	13:32-15:30			129.262	27-07-18 13:37	21000	Other	NA	Electronic	129.259	129.262
EURJPY.	27-07-18	15:32-17:30			129.274	27-07-18 16:09	5000	Other	NA	Electronic	129.27	129.274
EURJPY.	30-07-18	09:30-09:32	129.795	25000								
EURJPY.	30-07-18	11:32-13:30			129.751	30-07-18 11:45	1000	Other	NA	Electronic	129.751	129.756
EURJPY.	30-07-18	13:32-15:30			129.882	30-07-18 13:37	1000	Other	NA	Electronic	129.882	129.889
EURJPY.	30-07-18	15:30-15:32	130.004	2000								
EURJPY.	31-07-18	09:30-09:32	130.7325	2000								

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EURJPY.	31-07-18	11:32-13:30			130.824	31-07-18 11:34	5000	Other	NA	Electronic	130.824	130.829
EURJPY.	31-07-18	13:30-13:32	131.006	1000								
EURJPY.	31-07-18	15:32-17:30			130.974	31-07-18 15:43	1000	Other	NA	Electronic	130.974	130.978
EURJPY.	01-08-18	09:32-11:30			130.775	01-08-18 09:35	10000	Other	NA	Electronic	130.775	130.779
EURJPY.	01-08-18	11:32-13:30			130.693	01-08-18 11:43	1000	Other	NA	Electronic	130.688	130.693
EURJPY.	01-08-18	13:32-15:30			130.769	01-08-18 13:42	30000	Other	NA	Electronic	130.769	130.775
EURJPY.	01-08-18	15:32-17:30			130.481	01-08-18 15:32	44000	Other	NA	Electronic	130.481	130.486
EURJPY.	02-08-18	09:30-09:32	129.537	4000								
EURJPY.	02-08-18	11:32-13:30			129.46	02-08-18 11:47	1000	Other	NA	Electronic	129.46	129.465
EURJPY.	02-08-18	13:32-15:30			129.518	02-08-18 13:47	101000	Other	NA	Electronic	129.517	129.527
EURJPY.	02-08-18	15:30-15:32	129.445	1000								
EURJPY.	03-08-18	09:30-09:32	129.38	1000								
EURJPY.	03-08-18	11:30-11:32	129.488	80000								
EURJPY.	03-08-18	13:32-15:30			128.803	03-08-18 13:33	101000	Other	NA	Electronic	128.801	128.804
EURJPY.	03-08-18	15:32-17:30			128.869	03-08-18 15:33	1000	Other	NA	Electronic	128.87	128.876

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EURJPY.	06-08-18	09:30-09:32	128.648	10000								
EURJPY.	06-08-18	11:32-13:30			128.657	06-08-18 11:48	10000	Other	NA	Electronic	128.657	128.661
EURJPY.	06-08-18	13:32-15:30			128.685	06-08-18 13:46	1000	Other	NA	Electronic	128.68	128.685
EURJPY.	06-08-18	15:32-17:30			128.791	06-08-18 15:52	2000	Other	NA	Electronic	128.792	128.797
EURJPY.	07-08-18	09:32-11:30			128.873	07-08-18 09:57	9000	Other	NA	Electronic	128.867	128.872
EURJPY.	07-08-18	11:32-13:30			128.911	07-08-18 12:01	9000	Other	NA	Electronic	128.906	128.911
EURJPY.	07-08-18	13:32-15:30			128.918	07-08-18 14:02	9000	Other	NA	Electronic	128.918	128.923
EURJPY.	07-08-18	15:32-17:30			128.934	07-08-18 16:14	20000	Other	NA	Electronic	128.934	128.94
EURJPY.	08-08-18	09:32-11:30			128.586	08-08-18 09:34	4000	Other	NA	Electronic	128.586	128.591
EURJPY.	08-08-18	11:32-13:30			128.811	08-08-18 11:33	1000	Other	NA	Electronic	128.806	128.811
EURJPY.	08-08-18	13:32-15:30			128.678	08-08-18 14:20	2000	Other	NA	Electronic	128.671	128.678
EURJPY.	08-08-18	15:32-17:30			128.717	08-08-18 15:38	200000	Other	NA	Electronic	128.717	128.72
EURJPY.	09-08-18	09:32-11:30			128.918	09-08-18 10:08	2000	Other	NA	Electronic	128.913	128.919
EURJPY.	09-08-18	11:32-13:30			128.836	09-08-18 12:09	10000	Other	NA	Electronic	128.831	128.836
EURJPY.	09-08-18	13:32-15:30			128.665	09-08-18 13:55	7000	Other	NA	Electronic	128.665	128.67



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EURJPY.	09-08-18	15:32-17:30			128.271	09-08-18 16:00	2000	Other	NA	Electronic	128.266	128.271
EURJPY.	10-08-18	09:32-11:30			127.267	10-08-18 09:37	1000	Other	NA	Electronic	127.262	127.267
EURJPY.	10-08-18	11:32-13:30			127.11	10-08-18 11:32	5000	Other	NA	Electronic	127.102	127.11
EURJPY.	10-08-18	13:32-15:30			126.752	10-08-18 13:35	14000	Other	NA	Electronic	126.752	126.759
EURJPY.	10-08-18	15:30-15:32	126.387	10000								
EURJPY.	13-08-18	09:32-11:30			125.75	13-08-18 09:34	1000	Other	NA	Electronic	125.75	125.756
EURJPY.	13-08-18	11:30-11:32	125.5334	21000								
EURJPY.	13-08-18	13:32-15:30			126.676	13-08-18 13:35	13000	Other	NA	Electronic	126.669	126.676
EURJPY.	13-08-18	15:32-17:30			126.237	13-08-18 15:34	2000	Other	NA	Electronic	126.237	126.244
EURJPY.	14-08-18	09:30-09:32	126.474	2000								
EURJPY.	14-08-18	11:32-13:30			126.397	14-08-18 11:37	60000	Other	NA	Electronic	126.393	126.397
EURJPY.	14-08-18	13:30-13:32	126.27025	18000								
EURJPY.	14-08-18	15:30-15:32	125.846	1000								
EURJPY.	15-08-18	09:30-09:32	125.979	3000								
EURJPY.	15-08-18	11:32-13:30			125.56	15-08-18 11:32	10000	Other	NA	Electronic	125.56	125.565

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EURJPY.	15-08-18	13:32-15:30			125.446	15-08-18 13:37	2000	Other	NA	Electronic	125.44	125.446
EURJPY.	15-08-18	15:30-15:32	125.197	158000								
EURJPY.	16-08-18	09:32-11:30			126.007	16-08-18 09:54	1000	Other	NA	Electronic	126.007	126.012
EURJPY.	16-08-18	11:32-13:30			125.99	16-08-18 11:56	103000	Other	NA	Electronic	125.99	125.995
EURJPY.	16-08-18	13:32-15:30			125.856	16-08-18 13:34	1000	Other	NA	Electronic	125.849	125.856
EURJPY.	16-08-18	15:32-17:30			126.164	16-08-18 15:33	40000	Other	NA	Electronic	126.164	126.169
EURJPY.	17-08-18	09:32-11:30			125.949	17-08-18 09:38	1000	Other	NA	Electronic	125.949	125.955
EURJPY.	17-08-18	11:30-11:32	125.8395	11000								
EURJPY.	17-08-18	13:32-15:30			126.052	17-08-18 13:36	1000	Other	NA	Electronic	126.046	126.052
EURJPY.	17-08-18	15:32-17:30			126.101	17-08-18 15:54	1000	Other	NA	Electronic	126.095	126.101
EURJPY.	20-08-18	09:30-09:32	126.18325	16000								
EURJPY.	20-08-18	11:32-13:30			126.253	20-08-18 11:34	1000	Other	NA	Electronic	126.247	126.253
EURJPY.	20-08-18	13:32-15:30			126.26	20-08-18 13:42	5000	Other	NA	Electronic	126.254	126.26
EURJPY.	20-08-18	15:32-17:30			126.322	20-08-18 15:41	6000	Other	NA	Electronic	126.322	126.327
EURJPY.	21-08-18	09:32-11:30			127.014	21-08-18 09:34	10000	Other	NA	Electronic	127.014	127.021

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EURJPY.	21-08-18	11:32-13:30			127.018	21-08-18 11:46	5000	Other	NA	Electronic	127.018	127.023
EURJPY.	21-08-18	13:32-15:30			127.087	21-08-18 13:40	50000	Other	NA	Electronic	127.087	127.092
EURJPY.	21-08-18	15:32-17:30			127.29	21-08-18 15:43	1000	Other	NA	Electronic	127.29	127.295
EURJPY.	22-08-18	09:32-11:30			127.83	22-08-18 09:53	10000	Other	NA	Electronic	127.825	127.83
EURJPY.	22-08-18	11:32-13:30			127.951	22-08-18 11:39	1000	Other	NA	Electronic	127.951	127.956
EURJPY.	22-08-18	13:32-15:30			128.124	22-08-18 13:36	1000	Other	NA	Electronic	128.119	128.124
EURJPY.	22-08-18	15:30-15:32	128.161	10000								
EURJPY.	23-08-18	09:32-11:30			128.274	23-08-18 10:08	2000	Other	NA	Electronic	128.268	128.274
EURJPY.	23-08-18	11:32-13:30			128.289	23-08-18 11:40	1000	Other	NA	Electronic	128.289	128.295
EURJPY.	23-08-18	13:32-15:30			128.381	23-08-18 13:40	1000	Other	NA	Electronic	128.376	128.381
EURJPY.	23-08-18	15:30-15:32	128.669	1000								
EURJPY.	24-08-18	09:32-11:30			128.847	24-08-18 09:39	4000	Other	NA	Electronic	128.847	128.852
EURJPY.	24-08-18	11:30-11:32	128.976	1000								
EURJPY.	24-08-18	13:32-15:30			129.128	24-08-18 13:37	9000	Other	NA	Electronic	129.128	129.134
EURJPY.	24-08-18	15:32-17:30			129.335	24-08-18 15:35	2000	Other	NA	Electronic	129.33	129.335

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EURJPY.	27-08-18	09:32-11:30			129.2	27-08-18 09:41	10000	Other	NA	Electronic	129.193	129.2
EURJPY.	27-08-18	11:32-13:30			129.079	27-08-18 11:39	1000	Other	NA	Electronic	129.073	129.079
EURJPY.	27-08-18	13:30-13:32	129.2785	4000								
EURJPY.	27-08-18	15:30-15:32	129.641	12000								
EURJPY.	28-08-18	09:30-09:32	129.956	1000								
EURJPY.	28-08-18	11:32-13:30			129.968	28-08-18 11:40	10000	Other	NA	Electronic	129.963	129.968
EURJPY.	28-08-18	13:30-13:32	130.231	4000								
EURJPY.	28-08-18	15:32-17:30			130.152	28-08-18 16:07	2000	Other	NA	Electronic	130.152	130.159
EURJPY.	29-08-18	09:32-11:30			129.736	29-08-18 09:33	2000	Other	NA	Electronic	129.736	129.741
EURJPY.	29-08-18	11:32-13:30			129.8	29-08-18 11:37	10000	Other	NA	Electronic	129.793	129.8
EURJPY.	29-08-18	13:30-13:32	130.008	6000								
EURJPY.	29-08-18	15:30-15:32	130.6805	30000								
EURJPY.	30-08-18	09:32-11:30			130.459	30-08-18 09:34	41000	Other	NA	Electronic	130.455	130.459
EURJPY.	30-08-18	11:32-13:30			130.271	30-08-18 11:41	5000	Other	NA	Electronic	130.264	130.271
EURJPY.	30-08-18	13:30-13:32	129.75867	8000								

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EURJPY.	30-08-18	15:32-17:30			129.626	30-08-18 15:34	1000	Other	NA	Electronic	129.619	129.626
EURJPY.	31-08-18	09:32-11:30			129.331	31-08-18 09:48	2000	Other	NA	Electronic	129.331	129.336
EURJPY.	31-08-18	11:32-13:30			129.063	31-08-18 11:36	20000	Other	NA	Electronic	129.063	129.068
EURJPY.	31-08-18	13:32-15:30			128.911	31-08-18 13:38	1000	Other	NA	Electronic	128.905	128.911
EURJPY.	31-08-18	15:30-15:32	128.68167	28000								
EURJPY.	03-09-18	09:32-11:30			128.797	03-09-18 09:44	5000	Other	NA	Electronic	128.797	128.802
EURJPY.	03-09-18	11:32-13:30			129.072	03-09-18 11:35	10000	Other	NA	Electronic	129.069	129.076
EURJPY.	03-09-18	13:32-15:30			129.006	03-09-18 13:34	1000	Other	NA	Electronic	129.006	129.012
EURJPY.	03-09-18	15:32-17:30			129.035	03-09-18 15:57	5000	Other	NA	Electronic	129.03	129.035
EURJPY.	04-09-18	09:32-11:30			128.823	04-09-18 09:37	5000	Other	NA	Electronic	128.818	128.823
EURJPY.	04-09-18	11:30-11:32	128.568	2000								
EURJPY.	04-09-18	13:32-15:30			128.674	04-09-18 13:32	1000	Other	NA	Electronic	128.669	128.674
EURJPY.	04-09-18	15:32-17:30			128.82	04-09-18 15:32	35000	Other	NA	Electronic	128.815	128.82
EURJPY.	05-09-18	09:30-09:32	129.207	5000								
EURJPY.	05-09-18	11:32-13:30			129.308	05-09-18 11:33	15000	Other	NA	Electronic	129.303	129.308

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EURJPY.	05-09-18	13:30-13:32	129.88	300000								
EURJPY.	05-09-18	15:32-17:30			129.61	05-09-18 15:40	1000	Other	NA	Electronic	129.611	129.617
EURJPY.	06-09-18	09:32-11:30			129.474	06-09-18 09:36	1000	Other	NA	Electronic	129.468	129.474
EURJPY.	06-09-18	11:30-11:32	129.447	1000								
EURJPY.	06-09-18	13:30-13:32	129.337	1000								
EURJPY.	06-09-18	15:30-15:32	128.786	1000								
EURJPY.	07-09-18	09:32-11:30			128.898	07-09-18 09:50	1000	Other	NA	Electronic	128.898	128.904
EURJPY.	07-09-18	11:30-11:32	128.69	3000								
EURJPY.	07-09-18	13:32-15:30			128.423	07-09-18 13:32	10000	Other	NA	Electronic	128.417	128.423
EURJPY.	07-09-18	15:32-17:30			128.717	07-09-18 15:45	2000	Other	NA	Electronic	128.711	128.717
EURJPY.	10-09-18	09:30-09:32	128.7335	72000								
EURJPY.	10-09-18	11:32-13:30			128.577	10-09-18 11:37	1000	Other	NA	Electronic	128.577	128.582
EURJPY.	10-09-18	13:32-15:30			128.945	10-09-18 13:32	1000	Other	NA	Electronic	128.945	128.95
EURJPY.	10-09-18	15:30-15:32	128.9565	2000								
EURJPY.	11-09-18	09:30-09:32	129.224	4000								

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EURJPY.	11-09-18	11:32-13:30			128.957	11-09-18 11:36	3000	Other	NA	Electronic	128.957	128.964
EURJPY.	11-09-18	13:32-15:30			128.946	11-09-18 13:35	1000	Other	NA	Electronic	128.946	128.953
EURJPY.	11-09-18	15:32-17:30			129.226	11-09-18 15:32	10000	Other	NA	Electronic	129.226	129.232
EURJPY.	12-09-18	09:32-11:30			129.172	12-09-18 10:22	3000	Other	NA	Electronic	129.172	129.178
EURJPY.	12-09-18	11:30-11:32	129.141	1000								
EURJPY.	12-09-18	13:30-13:32	129.094	10000								
EURJPY.	12-09-18	15:30-15:32	129.6966	5000								
EURJPY.	13-09-18	09:32-11:30			129.487	13-09-18 10:07	3000	Other	NA	Electronic	129.487	129.494
EURJPY.	13-09-18	11:30-11:32	129.717	10000								
EURJPY.	13-09-18	13:30-13:32	130.3415	12000								
EURJPY.	13-09-18	15:32-17:30			130.713	13-09-18 15:39	1000	Other	NA	Electronic	130.713	130.718
EURJPY.	14-09-18	09:30-09:32	130.803	5000								
EURJPY.	14-09-18	11:32-13:30			130.898	14-09-18 11:34	1000	Other	NA	Electronic	130.896	130.898
EURJPY.	14-09-18	13:30-13:32	130.639	10000								
EURJPY.	14-09-18	15:32-17:30			130.692	14-09-18 15:47	5000	Other	NA	Electronic	130.689	130.692

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EURJPY.	17-09-18	09:32-11:30			130.481	17-09-18 09:38	1000	Other	NA	Electronic	130.478	130.481
EURJPY.	17-09-18	11:30-11:32	130.661	5000								
EURJPY.	17-09-18	13:32-15:30			130.983	17-09-18 13:33	1000	Other	NA	Electronic	130.983	130.985
EURJPY.	17-09-18	15:32-17:30			130.975	17-09-18 16:28	20000	Other	NA	Electronic	130.975	130.977
EURJPY.	18-09-18	09:32-11:30			130.79	18-09-18 09:35	10000	Other	NA	Electronic	130.787	130.79
EURJPY.	18-09-18	11:32-13:30			131.067	18-09-18 11:42	17000	Other	NA	Electronic	131.063	131.067
EURJPY.	18-09-18	13:32-15:30			131.46	18-09-18 13:34	1000	Other	NA	Electronic	131.46	131.463
EURJPY.	18-09-18	15:30-15:32	131.302	1000								
EURJPY.	19-09-18	09:30-09:32	131.375	5000								
EURJPY.	19-09-18	11:32-13:30			131.254	19-09-18 11:41	7000	Other	NA	Electronic	131.254	131.258
EURJPY.	19-09-18	13:32-15:30			131.031	19-09-18 13:35	1000	Other	NA	Electronic	131.027	131.031
EURJPY.	19-09-18	15:30-15:32	131.039	1000								
EURJPY.	20-09-18	09:32-11:30			131.33	20-09-18 10:00	3000	Other	NA	Electronic	131.325	131.33
EURJPY.	20-09-18	11:30-11:32	131.7366	40000								
EURJPY.	20-09-18	13:30-13:32	132.10125	33000								



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EURJPY.	20-09-18	15:30-15:32	132.188	20000								
EURJPY.	21-09-18	09:32-11:30			132.808	21-09-18 09:33	20000	Other	NA	Electronic	132.804	132.808
EURJPY.	21-09-18	11:32-13:30			132.65	21-09-18 11:33	5000	Other	NA	Electronic	132.646	132.65
EURJPY.	21-09-18	13:30-13:32	132.30167	6000								
EURJPY.	21-09-18	15:32-17:30			132.275	21-09-18 16:28	1000	Other	NA	Electronic	132.268	132.274
EURJPY.	24-09-18	09:32-11:30			132.618	24-09-18 09:32	2000	Other	NA	Electronic	132.616	132.618
EURJPY.	24-09-18	11:32-13:30			132.503	24-09-18 12:07	5000	Other	NA	Electronic	132.5	132.503
EURJPY.	24-09-18	13:32-15:30			132.882	24-09-18 13:32	10000	Other	NA	Electronic	132.882	132.886
EURJPY.	24-09-18	15:32-17:30			132.596	24-09-18 15:37	2000	Other	NA	Electronic	132.596	132.6
EURJPY.	25-09-18	09:32-11:30			132.768	25-09-18 09:40	20000	Other	NA	Electronic	132.763	132.768
EURJPY.	25-09-18	11:30-11:32	132.87	10000								
EURJPY.	25-09-18	13:30-13:32	132.953	2000								
EURJPY.	25-09-18	15:30-15:32	132.875	2000								
EURJPY.	26-09-18	09:32-11:30			132.83	26-09-18 09:33	10000	Other	NA	Electronic	132.826	132.83
EURJPY.	26-09-18	11:32-13:30			132.639	26-09-18 11:35	2000	Other	NA	Electronic	132.635	132.639

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EURJPY.	26-09-18	13:32-15:30			132.606	26-09-18 13:32	1000	Other	NA	Electronic	132.601	132.606
EURJPY.	27-09-18	09:32-11:30			132.114	27-09-18 09:37	1000	Other	NA	Electronic	132.109	132.114
EURJPY.	27-09-18	11:30-11:32	132.053	1000								
EURJPY.	27-09-18	13:32-15:30			131.997	27-09-18 13:33	1000	Other	NA	Electronic	131.997	132.003
EURJPY.	27-09-18	15:32-17:30			132.237	27-09-18 15:38	1000	Other	NA	Electronic	132.237	132.243
EURJPY.	28-09-18	09:30-09:32	131.62625	11000								
EURJPY.	28-09-18	11:32-13:30			131.378	28-09-18 11:32	6000	Other	NA	Electronic	131.374	131.378
EURJPY.	28-09-18	13:32-15:30			131.383	28-09-18 13:37	1000	Other	NA	Electronic	131.378	131.383
EURJPY.	28-09-18	15:30-15:32	131.85	10000								
EURJPYmicro	02-07-18	09:30-09:32	128.98817	141220								
EURJPYmicro	02-07-18	11:30-11:32	128.87147	3430								
EURJPYmicro	02-07-18	13:30-13:32	128.62131	129430								
EURJPYmicro	02-07-18	15:30-15:32	128.49315	83570								
EURJPYmicro	03-07-18	09:30-09:32	129.2786	3850								
EURJPYmicro	03-07-18	11:30-11:32	129.18123	26680								

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EURJPYmicro	03-07-18	13:30-13:32	128.956	130								
EURJPYmicro	03-07-18	15:30-15:32	128.87375	7010								
EURJPYmicro	04-07-18	09:30-09:32	128.6304	990								
EURJPYmicro	04-07-18	11:30-11:32	128.6285	3200								
EURJPYmicro	04-07-18	13:30-13:32	128.62	10								
EURJPYmicro	04-07-18	15:30-15:32	128.6835	30020								
EURJPYmicro	05-07-18	09:30-09:32	129.3238	350								
EURJPYmicro	05-07-18	11:30-11:32	129.4125	51680								
EURJPYmicro	05-07-18	13:30-13:32	129.39321	90160								
EURJPYmicro	05-07-18	15:30-15:32	129.39733	840								
EURJPYmicro	06-07-18	09:30-09:32	129.54767	1930								
EURJPYmicro	06-07-18	11:30-11:32	129.59229	9570								
EURJPYmicro	06-07-18	13:30-13:32	129.94039	17410								
EURJPYmicro	06-07-18	15:30-15:32	129.82167	2030								
EURJPYmicro	09-07-18	09:30-09:32	130.038	6010								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	09-07-18	11:30-11:32	130.06375	2260								
EURJPYmicro	09-07-18	13:30-13:32	130.17029	6620								
EURJPYmicro	09-07-18	15:30-15:32	130.08528	3290								
EURJPYmicro	10-07-18	09:30-09:32	130.31633	14640								
EURJPYmicro	10-07-18	11:30-11:32	130.2475	1130								
EURJPYmicro	10-07-18	13:32-15:30			130.289	10-07-18 13:32	100	Other	NA	Electronic	130.266	130.289
EURJPYmicro	10-07-18	15:30-15:32	130.46879	40940								
EURJPYmicro	11-07-18	09:30-09:32	130.134	2500								
EURJPYmicro	11-07-18	11:30-11:32	130.302	100								
EURJPYmicro	11-07-18	13:30-13:32	130.6365	21390								
EURJPYmicro	11-07-18	15:30-15:32	130.71404	122100								
EURJPYmicro	12-07-18	09:30-09:32	131.2955	11260								
EURJPYmicro	12-07-18	11:30-11:32	131.20491	13070								
EURJPYmicro	12-07-18	13:30-13:32	131.34825	5640								
EURJPYmicro	12-07-18	15:30-15:32	131.388	300								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	13-07-18	09:30-09:32	130.94152	13860								
EURJPYmicro	13-07-18	11:30-11:32	130.8945	320								
EURJPYmicro	13-07-18	13:30-13:32	130.9975	1310								
EURJPYmicro	13-07-18	15:30-15:32	131.26341	159970								
EURJPYmicro	16-07-18	09:30-09:32	131.57583	16430								
EURJPYmicro	16-07-18	11:30-11:32	131.67446	30790								
EURJPYmicro	16-07-18	13:30-13:32	131.60225	2060								
EURJPYmicro	16-07-18	15:30-15:32	131.5395	10690								
EURJPYmicro	17-07-18	09:30-09:32	131.85317	17300								
EURJPYmicro	17-07-18	11:30-11:32	131.79239	53650								
EURJPYmicro	17-07-18	13:30-13:32	131.799	510								
EURJPYmicro	17-07-18	15:30-15:32	131.82557	2950								
EURJPYmicro	18-07-18	09:30-09:32	131.3425	10120								
EURJPYmicro	18-07-18	11:30-11:32	131.273	410								
EURJPYmicro	18-07-18	13:30-13:32	131.20184	2460								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	18-07-18	15:30-15:32	131.326	9000								
EURJPYmicro	19-07-18	09:30-09:32	131.12938	17170								
EURJPYmicro	19-07-18	11:30-11:32	130.9791	5210								
EURJPYmicro	19-07-18	13:30-13:32	131.0334	810								
EURJPYmicro	19-07-18	15:30-15:32	130.9945	20								
EURJPYmicro	20-07-18	09:30-09:32	130.9885	810								
EURJPYmicro	20-07-18	11:30-11:32	131.001	6760								
EURJPYmicro	20-07-18	13:30-13:32	131.0105	6750								
EURJPYmicro	20-07-18	15:30-15:32	130.898	5300								
EURJPYmicro	23-07-18	09:30-09:32	129.94719	129720								
EURJPYmicro	23-07-18	11:30-11:32	130.14725	400								
EURJPYmicro	23-07-18	13:30-13:32	130.32586	10800								
EURJPYmicro	23-07-18	15:32-17:30			130.37	23-07-18 15:32	10	Other	NA	Electronic	130.346	130.37
EURJPYmicro	24-07-18	09:30-09:32	130.001	200								
EURJPYmicro	24-07-18	11:30-11:32	130.017	100								

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EURJPYmicro	24-07-18	13:30-13:32	129.97197	32550								
EURJPYmicro	24-07-18	15:30-15:32	130.03991	10710								
EURJPYmicro	25-07-18	09:32-11:30			129.974	25-07-18 09:32	200	Other	NA	Electronic	129.974	130
EURJPYmicro	25-07-18	11:30-11:32	129.88667	1310								
EURJPYmicro	25-07-18	13:30-13:32	129.95356	5580								
EURJPYmicro	25-07-18	15:30-15:32	129.48033	1110								
EURJPYmicro	26-07-18	09:30-09:32	129.709	300								
EURJPYmicro	26-07-18	11:30-11:32	129.82302	91400								
EURJPYmicro	26-07-18	13:30-13:32	129.7006	89940								
EURJPYmicro	26-07-18	15:30-15:32	129.537	345250								
EURJPYmicro	27-07-18	09:30-09:32	129.32	13270								
EURJPYmicro	27-07-18	11:30-11:32	129.27467	2850								
EURJPYmicro	27-07-18	13:30-13:32	129.28494	410760								
EURJPYmicro	27-07-18	15:30-15:32	129.33167	13770								
EURJPYmicro	30-07-18	09:30-09:32	129.78224	99460								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	30-07-18	11:32-13:30			129.753	30-07-18 11:32	100000	Other	NA	Electronic	129.753	129.777
EURJPYmicro	30-07-18	13:30-13:32	129.879	410								
EURJPYmicro	30-07-18	15:30-15:32	130.0155	610								
EURJPYmicro	31-07-18	09:30-09:32	130.7441	11670								
EURJPYmicro	31-07-18	11:30-11:32	130.82444	7300								
EURJPYmicro	31-07-18	13:30-13:32	131.00721	24120								
EURJPYmicro	31-07-18	15:30-15:32	130.96033	1101210								
EURJPYmicro	01-08-18	09:30-09:32	130.81833	6100								
EURJPYmicro	01-08-18	11:30-11:32	130.68914	5810								
EURJPYmicro	01-08-18	13:30-13:32	130.85156	3560								
EURJPYmicro	01-08-18	15:30-15:32	130.53394	4150								
EURJPYmicro	02-08-18	09:30-09:32	129.55237	37440								
EURJPYmicro	02-08-18	11:30-11:32	129.52178	1580								
EURJPYmicro	02-08-18	13:30-13:32	129.495	3120								
EURJPYmicro	02-08-18	15:30-15:32	129.459	180								



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EURJPYmicro	03-08-18	09:32-11:30			129.361	03-08-18 09:32	4300	Other	NA	Electronic	129.362	129.386
EURJPYmicro	03-08-18	11:30-11:32	129.4883	102060								
EURJPYmicro	03-08-18	13:30-13:32	128.88979	70880								
EURJPYmicro	03-08-18	15:32-17:30			128.876	03-08-18 15:34	18000	Other	NA	Electronic	128.876	128.9
EURJPYmicro	06-08-18	09:30-09:32	128.6452	380								
EURJPYmicro	06-08-18	11:32-13:30			128.592	06-08-18 11:34	20	Other	NA	Electronic	128.568	128.592
EURJPYmicro	06-08-18	13:32-15:30			128.66	06-08-18 13:33	100	Other	NA	Electronic	128.66	128.683
EURJPYmicro	06-08-18	15:30-15:32	128.86563	2270								
EURJPYmicro	07-08-18	09:30-09:32	128.9094	460								
EURJPYmicro	07-08-18	11:30-11:32	128.8592	1500								
EURJPYmicro	07-08-18	13:30-13:32	128.864	50								
EURJPYmicro	07-08-18	15:32-17:30			128.872	07-08-18 15:35	50	Other	NA	Electronic	128.848	128.871
EURJPYmicro	08-08-18	09:32-11:30			128.619	08-08-18 09:33	510	Other	NA	Electronic	128.595	128.62
EURJPYmicro	08-08-18	11:30-11:32	128.79429	3410								
EURJPYmicro	08-08-18	13:30-13:32	128.693	550								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	08-08-18	15:32-17:30			128.739	08-08-18 15:36	500	Other	NA	Electronic	128.711	128.739
EURJPYmicro	09-08-18	09:32-11:30			128.836	09-08-18 09:32	1500	Other	NA	Electronic	128.836	128.86
EURJPYmicro	09-08-18	11:30-11:32	128.855	300								
EURJPYmicro	09-08-18	13:30-13:32	128.665	5750								
EURJPYmicro	09-08-18	15:30-15:32	128.371	450								
EURJPYmicro	10-08-18	09:30-09:32	127.21675	1600								
EURJPYmicro	10-08-18	11:30-11:32	127.13143	720								
EURJPYmicro	10-08-18	13:30-13:32	126.57867	55870								
EURJPYmicro	10-08-18	15:30-15:32	126.359	7210								
EURJPYmicro	13-08-18	09:30-09:32	125.703	200								
EURJPYmicro	13-08-18	11:30-11:32	125.52109	770								
EURJPYmicro	13-08-18	13:30-13:32	126.56525	840								
EURJPYmicro	13-08-18	15:30-15:32	126.32	67030								
EURJPYmicro	14-08-18	09:30-09:32	126.47675	140								
EURJPYmicro	14-08-18	11:30-11:32	126.45517	160								

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EURJPYmicro	14-08-18	13:30-13:32	126.28067	1150								
EURJPYmicro	14-08-18	15:30-15:32	125.878	1330								
EURJPYmicro	15-08-18	09:30-09:32	125.9964	111740								
EURJPYmicro	15-08-18	11:30-11:32	125.55563	4850								
EURJPYmicro	15-08-18	13:30-13:32	125.4512	1070								
EURJPYmicro	15-08-18	15:30-15:32	125.156	2450								
EURJPYmicro	16-08-18	09:30-09:32	125.974	150								
EURJPYmicro	16-08-18	11:32-13:30			126.149	16-08-18 11:34	10	Other	NA	Electronic	126.125	126.149
EURJPYmicro	16-08-18	13:30-13:32	125.881	270								
EURJPYmicro	16-08-18	15:30-15:32	126.1895	200								
EURJPYmicro	17-08-18	09:30-09:32	126.06157	970								
EURJPYmicro	17-08-18	11:30-11:32	125.857	910								
EURJPYmicro	17-08-18	13:30-13:32	125.97022	890								
EURJPYmicro	17-08-18	15:32-17:30			126.09	17-08-18 15:32	2000	Other	NA	Electronic	126.09	126.114
EURJPYmicro	20-08-18	09:30-09:32	126.179	1770								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	20-08-18	11:30-11:32	126.26967	370								
EURJPYmicro	20-08-18	13:30-13:32	126.24267	1290								
EURJPYmicro	20-08-18	15:30-15:32	126.368	8000								
EURJPYmicro	21-08-18	09:30-09:32	127.0545	40								
EURJPYmicro	21-08-18	11:30-11:32	127.055	520								
EURJPYmicro	21-08-18	13:30-13:32	127.10005	8050								
EURJPYmicro	21-08-18	15:30-15:32	127.25933	1150								
EURJPYmicro	22-08-18	09:32-11:30			127.805	22-08-18 09:33	200	Other	NA	Electronic	127.779	127.805
EURJPYmicro	22-08-18	11:30-11:32	128.02567	270								
EURJPYmicro	22-08-18	13:30-13:32	128.09033	800								
EURJPYmicro	22-08-18	15:30-15:32	128.15679	920								
EURJPYmicro	23-08-18	09:30-09:32	128.13	30								
EURJPYmicro	23-08-18	11:30-11:32	128.28614	280								
EURJPYmicro	23-08-18	13:30-13:32	128.332	40								
EURJPYmicro	23-08-18	15:30-15:32	128.6455	300								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	24-08-18	09:32-11:30			128.826	24-08-18 09:32	740	Other	NA	Electronic	128.826	128.849
EURJPYmicro	24-08-18	11:32-13:30			128.975	24-08-18 11:32	4000	Other	NA	Electronic	128.975	129
EURJPYmicro	24-08-18	13:30-13:32	129.16738	3400								
EURJPYmicro	24-08-18	15:30-15:32	129.268	200								
EURJPYmicro	27-08-18	09:30-09:32	129.11	200								
EURJPYmicro	27-08-18	11:30-11:32	129.059	40000								
EURJPYmicro	27-08-18	13:30-13:32	129.27765	9620								
EURJPYmicro	27-08-18	15:30-15:32	129.6345	1600								
EURJPYmicro	28-08-18	09:30-09:32	129.953	2860								
EURJPYmicro	28-08-18	11:32-13:30			129.976	28-08-18 11:41	200	Other	NA	Electronic	129.976	130.002
EURJPYmicro	28-08-18	13:30-13:32	130.24614	690								
EURJPYmicro	28-08-18	15:30-15:32	130.1724	4040								
EURJPYmicro	29-08-18	09:30-09:32	129.782	120								
EURJPYmicro	29-08-18	11:30-11:32	129.72359	13040								
EURJPYmicro	29-08-18	13:32-15:30			130.014	29-08-18 13:34	1000	Other	NA	Electronic	129.99	130.014

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	29-08-18	15:30-15:32	130.68625	8580								
EURJPYmicro	30-08-18	09:30-09:32	130.379	90								
EURJPYmicro	30-08-18	11:30-11:32	130.35467	370								
EURJPYmicro	30-08-18	13:30-13:32	129.76182	43210								
EURJPYmicro	30-08-18	15:30-15:32	129.5607	10680								
EURJPYmicro	31-08-18	09:32-11:30			129.326	31-08-18 09:35	100	Other	NA	Electronic	129.302	129.326
EURJPYmicro	31-08-18	11:30-11:32	129.07725	280								
EURJPYmicro	31-08-18	13:30-13:32	128.872	3550								
EURJPYmicro	31-08-18	15:30-15:32	128.69279	2540								
EURJPYmicro	03-09-18	09:30-09:32	128.7985	96620								
EURJPYmicro	03-09-18	11:30-11:32	129.05	100								
EURJPYmicro	03-09-18	13:30-13:32	129.0135	520								
EURJPYmicro	03-09-18	15:32-17:30			129.09	03-09-18 15:38	500	Other	NA	Electronic	129.065	129.09
EURJPYmicro	04-09-18	09:30-09:32	128.78725	2010								
EURJPYmicro	04-09-18	11:30-11:32	128.58043	5350								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	04-09-18	13:30-13:32	128.665	200								
EURJPYmicro	04-09-18	15:30-15:32	128.79583	760								
EURJPYmicro	05-09-18	09:30-09:32	129.19908	3470								
EURJPYmicro	05-09-18	11:30-11:32	129.264	170								
EURJPYmicro	05-09-18	13:30-13:32	129.85242	6400								
EURJPYmicro	05-09-18	15:30-15:32	129.49636	24070								
EURJPYmicro	06-09-18	09:30-09:32	129.46367	1580								
EURJPYmicro	06-09-18	11:30-11:32	129.443	1010								
EURJPYmicro	06-09-18	13:30-13:32	129.32625	2920								
EURJPYmicro	06-09-18	15:30-15:32	128.7875	130								
EURJPYmicro	07-09-18	09:30-09:32	128.99075	780								
EURJPYmicro	07-09-18	11:30-11:32	128.68512	1730								
EURJPYmicro	07-09-18	13:30-13:32	128.421	30								
EURJPYmicro	07-09-18	15:30-15:32	128.728	10								
EURJPYmicro	10-09-18	09:30-09:32	128.73953	6720								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	10-09-18	11:32-13:30			128.563	10-09-18 11:33	200	Other	NA	Electronic	128.563	128.587
EURJPYmicro	10-09-18	13:30-13:32	128.97925	870								
EURJPYmicro	10-09-18	15:30-15:32	128.97	160								
EURJPYmicro	11-09-18	09:30-09:32	129.21617	820								
EURJPYmicro	11-09-18	11:30-11:32	128.98	3550								
EURJPYmicro	11-09-18	13:30-13:32	129.01975	2230								
EURJPYmicro	11-09-18	15:30-15:32	129.2135	190								
EURJPYmicro	12-09-18	09:30-09:32	129.233	100								
EURJPYmicro	12-09-18	11:30-11:32	129.14065	5330								
EURJPYmicro	12-09-18	13:30-13:32	129.0748	12210								
EURJPYmicro	12-09-18	15:30-15:32	129.6815	306700								
EURJPYmicro	13-09-18	09:30-09:32	129.49657	420								
EURJPYmicro	13-09-18	11:30-11:32	129.7166	3300								
EURJPYmicro	13-09-18	13:30-13:32	130.31278	74780								
EURJPYmicro	13-09-18	15:32-17:30			130.672	13-09-18 15:32	200	Other	NA	Electronic	130.672	130.696



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmicro	14-09-18	09:30-09:32	130.826	8000								
EURJPYmicro	14-09-18	11:30-11:32	130.86375	2230								
EURJPYmicro	14-09-18	13:30-13:32	130.64071	30640								
EURJPYmicro	14-09-18	15:32-17:30			130.714	14-09-18 15:32	10	Other	NA	Electronic	130.714	130.738
EURJPYmicro	17-09-18	09:30-09:32	130.4244	300								
EURJPYmicro	17-09-18	11:30-11:32	130.68513	4430								
EURJPYmicro	17-09-18	13:30-13:32	130.97538	1950								
EURJPYmicro	17-09-18	15:30-15:32	130.86833	270								
EURJPYmicro	18-09-18	09:30-09:32	130.759	1790								
EURJPYmicro	18-09-18	11:30-11:32	130.91775	530								
EURJPYmicro	18-09-18	13:30-13:32	131.3635	500								
EURJPYmicro	18-09-18	15:30-15:32	131.305	120								
EURJPYmicro	19-09-18	09:30-09:32	131.387	7450								
EURJPYmicro	19-09-18	11:30-11:32	131.17967	330								
EURJPYmicro	19-09-18	13:30-13:32	131.056	200								

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EURJPYmicro	19-09-18	15:30-15:32	131.04057	310								
EURJPYmicro	20-09-18	09:30-09:32	131.38139	2690								
EURJPYmicro	20-09-18	11:30-11:32	131.73413	53260								
EURJPYmicro	20-09-18	13:30-13:32	132.0784	37100								
EURJPYmicro	20-09-18	15:30-15:32	132.18363	6700								
EURJPYmicro	21-09-18	09:30-09:32	132.7945	140								
EURJPYmicro	21-09-18	11:30-11:32	132.6335	400								
EURJPYmicro	21-09-18	13:30-13:32	132.31091	3870								
EURJPYmicro	21-09-18	15:32-17:30			132.247	21-09-18 15:35	50	Other	NA	Electronic	132.247	132.272
EURJPYmicro	24-09-18	09:30-09:32	132.59014	330								
EURJPYmicro	24-09-18	11:30-11:32	132.473	100								
EURJPYmicro	24-09-18	13:30-13:32	132.95007	1330								
EURJPYmicro	24-09-18	15:30-15:32	132.64467	1640								
EURJPYmicro	25-09-18	09:30-09:32	132.7198	290								
EURJPYmicro	25-09-18	11:30-11:32	132.88638	2240								

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EURJPYmicro	25-09-18	13:30-13:32	132.95092	2580								
EURJPYmicro	25-09-18	15:30-15:32	132.87933	600								
EURJPYmicro	26-09-18	09:30-09:32	132.83	100								
EURJPYmicro	26-09-18	11:30-11:32	132.61883	650								
EURJPYmicro	26-09-18	13:30-13:32	132.576	300								
EURJPYmicro	26-09-18	15:30-15:32	132.7665	190								
EURJPYmicro	27-09-18	09:30-09:32	132.10567	630								
EURJPYmicro	27-09-18	11:30-11:32	132.08083	630								
EURJPYmicro	27-09-18	13:30-13:32	132.02367	370								
EURJPYmicro	27-09-18	15:30-15:32	132.169	2000								
EURJPYmicro	28-09-18	09:30-09:32	131.64058	9550								
EURJPYmicro	28-09-18	11:30-11:32	131.39475	240								
EURJPYmicro	28-09-18	13:30-13:32	131.37	40								
EURJPYmicro	28-09-18	15:30-15:32	131.85631	4180								
EURJPYmini	02-07-18	13:32-15:30			128.574	02-07-18 14:06	400	Other	NA	Electronic	128.549	128.574

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EURJPYmini	03-07-18	09:32-11:30			129.156	03-07-18 10:30	400	Other	NA	Electronic	129.131	129.156
EURJPYmini	03-07-18	11:32-13:30			129.084	03-07-18 12:09	400	Other	NA	Electronic	129.055	129.083
EURJPYmini	03-07-18	13:32-15:30			128.89	03-07-18 13:39	400	Other	NA	Electronic	128.867	128.89
EURJPYmini	03-07-18	15:32-17:30			128.796	03-07-18 15:57	400	Other	NA	Electronic	128.773	128.796
EURJPYmini	05-07-18	11:32-13:30			129.508	05-07-18 11:52	400	Other	NA	Electronic	129.508	129.532
EURJPYmini	06-07-18	09:32-11:30			129.537	06-07-18 09:33	400	Other	NA	Electronic	129.512	129.537
EURJPYmini	06-07-18	11:32-13:30			129.871	06-07-18 12:36	600	Other	NA	Electronic	129.871	129.9
EURJPYmini	09-07-18	11:32-13:30			130.204	09-07-18 12:13	400	Other	NA	Electronic	130.179	130.204
EURJPYmini	09-07-18	13:32-15:30			130.242	09-07-18 13:48	1000	Other	NA	Electronic	130.242	130.267
EURJPYmini	10-07-18	15:32-17:30			130.612	10-07-18 16:39	1700	Other	NA	Electronic	130.612	130.637
EURJPYmini	11-07-18	11:32-13:30			130.65	11-07-18 12:45	800	Other	NA	Electronic	130.65	130.673
EURJPYmini	11-07-18	13:32-15:30			130.754	11-07-18 15:25	3400	Other	NA	Electronic	130.754	130.779
EURJPYmini	11-07-18	15:32-17:30			130.784	11-07-18 16:16	700	Other	NA	Electronic	130.785	130.809
EURJPYmini	12-07-18	09:32-11:30			131.444	12-07-18 10:39	1000	Other	NA	Electronic	131.444	131.47
EURJPYmini	18-07-18	11:32-13:30			131.149	18-07-18 11:50	400	Other	NA	Electronic	131.149	131.174

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EURJPYmini	25-07-18	11:32-13:30			129.889	25-07-18 12:40	2000	Other	NA	Electronic	129.889	129.913
EURJPYmini	25-07-18	13:32-15:30			129.607	25-07-18 14:57	3000	Other	NA	Electronic	129.582	129.607
EURJPYmini	26-07-18	13:32-15:30			129.593	26-07-18 14:21	400	Other	NA	Electronic	129.568	129.593
EURJPYmini	27-07-18	11:32-13:30			129.159	27-07-18 12:32	600	Other	NA	Electronic	129.135	129.159
EURJPYmini	30-07-18	09:32-11:30			129.803	30-07-18 09:40	400	Other	NA	Electronic	129.803	129.828
EURJPYmini	30-07-18	13:32-15:30			129.947	30-07-18 13:50	400	Other	NA	Electronic	129.947	129.97
EURJPYmini	31-07-18	11:32-13:30			131.12	31-07-18 13:24	1000	Other	NA	Electronic	131.12	131.145
EURJPYmini	01-08-18	15:32-17:30			130.479	01-08-18 15:36	600	Other	NA	Electronic	130.455	130.479
EURJPYmini	02-08-18	11:32-13:30			129.326	02-08-18 12:03	1000	Other	NA	Electronic	129.301	129.326
EURJPYmini	03-08-18	11:32-13:30			129.124	03-08-18 13:04	400	Other	NA	Electronic	129.124	129.149
EURJPYmini	09-08-18	13:32-15:30			128.435	09-08-18 14:22	400	Other	NA	Electronic	128.434	128.459
EURJPYmini	10-08-18	11:32-13:30			126.604	10-08-18 13:29	5400	Other	NA	Electronic	126.577	126.604
EURJPYmini	10-08-18	13:32-15:30			126.794	10-08-18 13:33	400	Other	NA	Electronic	126.794	126.819
EURJPYmini	10-08-18	15:32-17:30			126.164	10-08-18 15:53	400	Other	NA	Electronic	126.139	126.164
EURJPYmini	13-08-18	11:32-13:30			125.908	13-08-18 11:54	1700	Other	NA	Electronic	125.903	125.929

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EURJPYmini	16-08-18	11:32-13:30			125.736	16-08-18 12:58	400	Other	NA	Electronic	125.711	125.736
EURJPYmini	16-08-18	13:32-15:30			126.284	16-08-18 14:06	400	Other	NA	Electronic	126.284	126.308
EURJPYmini	16-08-18	15:32-17:30			126.376	16-08-18 16:07	400	Other	NA	Electronic	126.376	126.398
EURJPYmini	17-08-18	11:32-13:30			125.636	17-08-18 12:08	400	Other	NA	Electronic	125.604	125.635
EURJPYmini	21-08-18	15:32-17:30			127.487	21-08-18 16:05	1700	Other	NA	Electronic	127.487	127.512
EURJPYmini	22-08-18	11:32-13:30			128.199	22-08-18 12:59	400	Other	NA	Electronic	128.176	128.199
EURJPYmini	23-08-18	13:32-15:30			128.616	23-08-18 13:53	9900	Other	NA	Electronic	128.616	128.643
EURJPYmini	24-08-18	09:32-11:30			128.986	24-08-18 10:59	18000	Other	NA	Electronic	128.986	129.008
EURJPYmini	24-08-18	13:32-15:30			129.371	24-08-18 14:04	32400	Other	NA	Electronic	129.371	129.404
EURJPYmini	27-08-18	11:32-13:30			129.203	27-08-18 12:44	400	Other	NA	Electronic	129.203	129.228
EURJPYmini	27-08-18	13:32-15:30			129.572	27-08-18 14:59	400	Other	NA	Electronic	129.572	129.598
EURJPYmini	27-08-18	15:32-17:30			129.807	27-08-18 16:31	400	Other	NA	Electronic	129.807	129.831
EURJPYmini	29-08-18	13:32-15:30			130.33	29-08-18 14:00	1000	Other	NA	Electronic	130.33	130.36
EURJPYmini	30-08-18	11:32-13:30			130.123	30-08-18 12:58	400	Other	NA	Electronic	130.098	130.123
EURJPYmini	30-08-18	13:30-13:32	129.76	400								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURJPYmini	31-08-18	09:32-11:30			129.112	31-08-18 11:16	400	Other	NA	Electronic	129.084	129.112
EURJPYmini	31-08-18	11:32-13:30			129.02	31-08-18 12:17	1000	Other	NA	Electronic	128.994	129.02
EURJPYmini	31-08-18	15:32-17:30			128.651	31-08-18 15:43	1700	Other	NA	Electronic	128.624	128.651
EURJPYmini	04-09-18	13:32-15:30			128.444	04-09-18 13:49	400	Other	NA	Electronic	128.418	128.444
EURJPYmini	05-09-18	11:32-13:30			129.528	05-09-18 13:08	600	Other	NA	Electronic	129.528	129.558
EURJPYmini	06-09-18	13:32-15:30			129.265	06-09-18 14:13	400	Other	NA	Electronic	129.238	129.265
EURJPYmini	06-09-18	15:32-17:30			128.853	06-09-18 15:50	4700	Other	NA	Electronic	128.853	128.878
EURJPYmini	07-09-18	09:32-11:30			128.989	07-09-18 09:45	800	Other	NA	Electronic	128.963	128.989
EURJPYmini	07-09-18	11:32-13:30			128.37	07-09-18 13:05	400	Other	NA	Electronic	128.345	128.37
EURJPYmini	07-09-18	13:32-15:30			128.515	07-09-18 13:35	800	Other	NA	Electronic	128.515	128.542
EURJPYmini	07-09-18	15:32-17:30			128.152	07-09-18 16:18	800	Other	NA	Electronic	128.124	128.152
EURJPYmini	10-09-18	09:32-11:30			128.657	10-09-18 10:00	800	Other	NA	Electronic	128.63	128.656
EURJPYmini	10-09-18	11:32-13:30			128.796	10-09-18 12:54	400	Other	NA	Electronic	128.764	128.793
EURJPYmini	10-09-18	13:32-15:30			128.948	10-09-18 14:00	800	Other	NA	Electronic	128.921	128.948
EURJPYmini	11-09-18	09:32-11:30			129.088	11-09-18 10:31	400	Other	NA	Electronic	129.063	129.088

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EURJPYmini	11-09-18	11:32-13:30			128.801	11-09-18 12:06	400	Other	NA	Electronic	128.775	128.801
EURJPYmini	11-09-18	13:32-15:30			129.142	11-09-18 13:56	400	Other	NA	Electronic	129.142	129.169
EURJPYmini	12-09-18	13:32-15:30			129.734	12-09-18 15:14	400	Other	NA	Electronic	129.734	129.766
EURJPYmini	12-09-18	15:32-17:30			129.527	12-09-18 15:50	800	Other	NA	Electronic	129.501	129.527
EURJPYmini	13-09-18	11:32-13:30			129.901	13-09-18 12:37	800	Other	NA	Electronic	129.901	129.945
EURJPYmini	13-09-18	13:32-15:30			130.664	13-09-18 14:13	1700	Other	NA	Electronic	130.664	130.688
EURJPYmini	13-09-18	15:32-17:30			130.692	13-09-18 15:55	800	Other	NA	Electronic	130.668	130.692
EURJPYmini	14-09-18	15:32-17:30			130.384	14-09-18 16:01	1000	Other	NA	Electronic	130.352	130.388
EURJPYmini	17-09-18	11:32-13:30			130.736	17-09-18 12:00	400	Other	NA	Electronic	130.736	130.76
EURJPYmini	17-09-18	13:32-15:30			130.913	17-09-18 13:55	800	Other	NA	Electronic	130.89	130.913
EURJPYmini	18-09-18	11:32-13:30			131.148	18-09-18 12:30	6300	Other	NA	Electronic	131.123	131.148
EURJPYmini	18-09-18	13:32-15:30			131.471	18-09-18 13:35	600	Other	NA	Electronic	131.471	131.496
EURJPYmini	19-09-18	09:32-11:30			131.203	19-09-18 11:09	400	Other	NA	Electronic	131.178	131.203
EURJPYmini	19-09-18	13:32-15:30			130.835	19-09-18 14:15	400	Other	NA	Electronic	130.81	130.835
EURJPYmini	20-09-18	09:32-11:30			131.479	20-09-18 10:29	400	Other	NA	Electronic	131.473	131.497



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EURJPYmini	20-09-18	11:30-11:32	131.74829	5600								
EURJPYmini	20-09-18	13:32-15:30			132.146	20-09-18 13:33	400	Other	NA	Electronic	132.146	132.17
EURJPYmini	20-09-18	15:32-17:30			132.156	20-09-18 15:40	800	Other	NA	Electronic	132.132	132.156
EURJPYmini	21-09-18	11:32-13:30			132.41	21-09-18 12:16	1000	Other	NA	Electronic	132.386	132.412
EURJPYmini	21-09-18	13:32-15:30			132.32	21-09-18 14:30	800	Other	NA	Electronic	132.32	132.345
EURJPYmini	24-09-18	09:32-11:30			132.595	24-09-18 10:00	800	Other	NA	Electronic	132.572	132.595
EURJPYmini	24-09-18	11:32-13:30			132.758	24-09-18 13:07	400	Other	NA	Electronic	132.758	132.783
EURJPYmini	24-09-18	13:32-15:30			132.86	24-09-18 14:00	400	Other	NA	Electronic	132.836	132.86
EURJPYmini	27-09-18	13:32-15:30			132.354	27-09-18 14:53	400	Other	NA	Electronic	132.352	132.376
EURJPYmini	27-09-18	15:32-17:30			132.478	27-09-18 16:48	400	Other	NA	Electronic	132.478	132.499
EURJPYmini	28-09-18	09:32-11:30			131.54	28-09-18 09:54	800	Other	NA	Electronic	131.518	131.54
EURJPYmini	28-09-18	11:32-13:30			131.198	28-09-18 12:17	400	Other	NA	Electronic	131.177	131.198
EURJPYmini	28-09-18	13:32-15:30			131.552	28-09-18 14:23	400	Other	NA	Electronic	131.552	131.576
EURNOK	02-07-18	09:32-11:30			9.5027	02-07-18 10:31	1000	Other	NA	Electronic	9.5027	9.5089
EURNOK	02-07-18	11:32-13:30			9.49984	02-07-18 11:43	1000	Other	NA	Electronic	9.49984	9.50593

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EURNOK	02-07-18	15:32-17:30			9.50571	02-07-18 17:13	1000	Other	NA	Electronic	9.50571	9.51251
EURNOK	03-07-18	09:32-11:30			9.47399	03-07-18 10:04	1000	Other	NA	Electronic	9.46772	9.47399
EURNOK	04-07-18	09:32-11:30			9.45294	04-07-18 09:50	1000	Other	NA	Electronic	9.44667	9.45294
EURNOK	04-07-18	13:32-15:30			9.4301	04-07-18 14:23	2000	Other	NA	Electronic	9.4301	9.43611
EURNOK	04-07-18	15:32-17:30			9.45225	04-07-18 16:58	1000	Other	NA	Electronic	9.45222	9.45883
EURNOK	05-07-18	09:32-11:30			9.43824	05-07-18 09:42	1000	Other	NA	Electronic	9.43824	9.44469
EURNOK	05-07-18	11:32-13:30			9.43971	05-07-18 12:30	5000	Other	NA	Electronic	9.43971	9.44816
EURNOK	05-07-18	13:32-15:30			9.41411	05-07-18 13:51	1000	Other	NA	Electronic	9.40783	9.41411
EURNOK	05-07-18	15:32-17:30			9.41974	05-07-18 15:34	1000	Other	NA	Electronic	9.41347	9.41974
EURNOK	06-07-18	09:32-11:30			9.43709	06-07-18 10:00	5000	Other	NA	Electronic	9.43085	9.43709
EURNOK	06-07-18	11:32-13:30			9.44685	06-07-18 13:26	1000	Other	NA	Electronic	9.44048	9.44685
EURNOK	06-07-18	15:32-17:30			9.4264	06-07-18 16:19	5000	Other	NA	Electronic	9.41969	9.4264
EURNOK	09-07-18	09:32-11:30			9.40166	09-07-18 09:48	1000	Other	NA	Electronic	9.40169	9.40794
EURNOK	09-07-18	11:32-13:30			9.41792	09-07-18 11:51	2000	Other	NA	Electronic	9.41792	9.42419
EURNOK	09-07-18	13:32-15:30			9.43694	09-07-18 13:57	3000	Other	NA	Electronic	9.43067	9.43694

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EURNOK	09-07-18	15:32-17:30			9.42055	09-07-18 15:35	1000	Other	NA	Electronic	9.41428	9.42055
EURNOK	10-07-18	09:32-11:30			9.41692	10-07-18 10:23	10000	Other	NA	Electronic	9.41692	9.42335
EURNOK	10-07-18	13:32-15:30			9.432	10-07-18 14:37	10000	Other	NA	Electronic	9.42587	9.432
EURNOK	11-07-18	13:32-15:30			9.44517	11-07-18 15:18	3000	Other	NA	Electronic	9.44517	9.45156
EURNOK	11-07-18	15:32-17:30			9.43949	11-07-18 16:47	3000	Other	NA	Electronic	9.43949	9.44585
EURNOK	12-07-18	11:32-13:30			9.45064	12-07-18 12:02	10000	Other	NA	Electronic	9.44425	9.45064
EURNOK	12-07-18	15:32-17:30			9.47922	12-07-18 17:11	1000	Other	NA	Electronic	9.47223	9.47922
EURNOK	16-07-18	09:32-11:30			9.48514	16-07-18 10:18	1000	Other	NA	Electronic	9.47921	9.48523
EURNOK	16-07-18	15:32-17:30			9.49364	16-07-18 15:58	5000	Other	NA	Electronic	9.48738	9.49364
EURNOK	17-07-18	15:32-17:30			9.49734	17-07-18 16:16	1000	Other	NA	Electronic	9.49095	9.49734
EURNOK	18-07-18	11:32-13:30			9.49576	18-07-18 11:55	1000	Other	NA	Electronic	9.49576	9.50175
EURNOK	18-07-18	13:32-15:30			9.52277	18-07-18 13:44	10000	Other	NA	Electronic	9.51684	9.52311
EURNOK	18-07-18	15:32-17:30			9.51459	18-07-18 15:49	1000	Other	NA	Electronic	9.51459	9.52097
EURNOK	19-07-18	09:32-11:30			9.57012	19-07-18 09:44	2000	Other	NA	Electronic	9.56385	9.57012
EURNOK	19-07-18	11:32-13:30			9.57436	19-07-18 12:26	2000	Other	NA	Electronic	9.57458	9.58096

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOK	19-07-18	15:32-17:30			9.57372	19-07-18 17:25	5000	Other	NA	Electronic	9.57372	9.58106
EURNOK	20-07-18	09:32-11:30			9.57362	20-07-18 09:43	2000	Other	NA	Electronic	9.56736	9.57362
EURNOK	20-07-18	11:32-13:30			9.59469	20-07-18 12:27	1000	Other	NA	Electronic	9.59469	9.60092
EURNOK	23-07-18	09:32-11:30			9.55377	23-07-18 09:49	1000	Other	NA	Electronic	9.5475	9.55377
EURNOK	23-07-18	11:32-13:30			9.55828	23-07-18 11:33	1000	Other	NA	Electronic	9.55201	9.55828
EURNOK	23-07-18	13:32-15:30			9.58039	23-07-18 14:14	1000	Other	NA	Electronic	9.57382	9.58039
EURNOK	24-07-18	09:32-11:30			9.56044	24-07-18 10:46	1000	Other	NA	Electronic	9.56044	9.56662
EURNOK	24-07-18	13:32-15:30			9.55241	24-07-18 13:59	1000	Other	NA	Electronic	9.55241	9.55886
EURNOK	24-07-18	15:32-17:30			9.55414	24-07-18 15:48	1000	Other	NA	Electronic	9.55414	9.56041
EURNOK	25-07-18	09:32-11:30			9.54857	25-07-18 09:40	1000	Other	NA	Electronic	9.54857	9.5548
EURNOK	25-07-18	15:32-17:30			9.53627	25-07-18 16:09	2000	Other	NA	Electronic	9.53627	9.54253
EURNOK	26-07-18	09:32-11:30			9.54543	26-07-18 10:00	1000	Other	NA	Electronic	9.53905	9.54538
EURNOK	26-07-18	11:32-13:30			9.54622	26-07-18 12:17	2000	Other	NA	Electronic	9.53983	9.54622
EURNOK	26-07-18	13:32-15:30			9.5393	26-07-18 14:05	2000	Other	NA	Electronic	9.5329	9.53916
EURNOK	26-07-18	15:32-17:30			9.53353	26-07-18 16:55	10000	Other	NA	Electronic	9.52707	9.53353

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOK	27-07-18	13:32-15:30			9.51725	27-07-18 14:02	1000	Other	NA	Electronic	9.51725	9.52364
EURNOK	27-07-18	15:32-17:30			9.53547	27-07-18 15:44	1000	Other	NA	Electronic	9.52909	9.53547
EURNOK	30-07-18	09:32-11:30			9.52575	30-07-18 10:45	1000	Other	NA	Electronic	9.52575	9.53183
EURNOK	30-07-18	11:32-13:30			9.52688	30-07-18 12:56	3000	Other	NA	Electronic	9.52688	9.53309
EURNOK	30-07-18	13:32-15:30			9.52863	30-07-18 14:00	1000	Other	NA	Electronic	9.52863	9.5347
EURNOK	31-07-18	09:32-11:30			9.53705	31-07-18 10:22	1000	Other	NA	Electronic	9.53078	9.53705
EURNOK	31-07-18	11:32-13:30			9.54133	31-07-18 13:11	1000	Other	NA	Electronic	9.54133	9.54736
EURNOK	31-07-18	13:32-15:30			9.54453	31-07-18 14:20	10000	Other	NA	Electronic	9.5382	9.54453
EURNOK	01-08-18	09:32-11:30			9.53916	01-08-18 09:45	1000	Other	NA	Electronic	9.53916	9.54535
EURNOK	01-08-18	11:32-13:30			9.54495	01-08-18 12:16	1000	Other	NA	Electronic	9.53853	9.54495
EURNOK	02-08-18	09:32-11:30			9.54725	02-08-18 10:19	1000	Other	NA	Electronic	9.54124	9.54725
EURNOK	02-08-18	11:32-13:30			9.54391	02-08-18 12:39	1000	Other	NA	Electronic	9.54391	9.55023
EURNOK	03-08-18	15:32-17:30			9.54849	03-08-18 16:21	2000	Other	NA	Electronic	9.54849	9.55503
EURNOK	06-08-18	11:32-13:30			9.53051	06-08-18 13:19	1000	Other	NA	Electronic	9.53051	9.53706
EURNOK	07-08-18	09:32-11:30			9.50004	07-08-18 11:27	1000	Other	NA	Electronic	9.50004	9.50638

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOK	08-08-18	13:32-15:30			9.53983	08-08-18 13:39	1000	Other	NA	Electronic	9.53357	9.53983
EURNOK	08-08-18	15:32-17:30			9.5428	08-08-18 15:41	1000	Other	NA	Electronic	9.5428	9.54921
EURNOK	09-08-18	11:32-13:30			9.55315	09-08-18 13:02	1000	Other	NA	Electronic	9.54684	9.55315
EURNOK	09-08-18	13:32-15:30			9.57495	09-08-18 15:19	5000	Other	NA	Electronic	9.57495	9.58114
EURNOK	10-08-18	09:32-11:30			9.54915	10-08-18 09:52	1000	Other	NA	Electronic	9.54285	9.54915
EURNOK	10-08-18	11:32-13:30			9.52734	10-08-18 11:57	1000	Other	NA	Electronic	9.52734	9.53356
EURNOK	10-08-18	13:32-15:30			9.52824	10-08-18 13:47	10000	Other	NA	Electronic	9.52824	9.53426
EURNOK	10-08-18	15:32-17:30			9.55095	10-08-18 17:19	10000	Other	NA	Electronic	9.5439	9.55095
EURNOK	13-08-18	09:32-11:30			9.53834	13-08-18 09:56	50000	Other	NA	Electronic	9.53834	9.54464
EURNOK	13-08-18	11:32-13:30			9.52691	13-08-18 11:36	50000	Other	NA	Electronic	9.52691	9.53344
EURNOK	13-08-18	13:32-15:30			9.54625	13-08-18 13:33	5000	Other	NA	Electronic	9.54017	9.54625
EURNOK	14-08-18	13:32-15:30			9.52187	14-08-18 14:25	1000	Other	NA	Electronic	9.52187	9.52805
EURNOK	16-08-18	09:32-11:30			9.61569	16-08-18 09:44	1000	Other	NA	Electronic	9.60993	9.61569
EURNOK	16-08-18	15:32-17:30			9.64899	16-08-18 17:06	1000	Other	NA	Electronic	9.64899	9.65561
EURNOK	17-08-18	09:32-11:30			9.67048	17-08-18 10:36	10000	Other	NA	Electronic	9.67048	9.67684

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOK	17-08-18	11:32-13:30			9.66888	17-08-18 13:21	3000	Other	NA	Electronic	9.66888	9.67524
EURNOK	17-08-18	15:32-17:30			9.67275	17-08-18 15:33	30000	Other	NA	Electronic	9.66605	9.67275
EURNOK	20-08-18	15:32-17:30			9.69539	20-08-18 17:21	1000	Other	NA	Electronic	9.69539	9.70175
EURNOK	21-08-18	11:32-13:30			9.70032	21-08-18 12:59	1000	Other	NA	Electronic	9.70032	9.70664
EURNOK	21-08-18	15:32-17:30			9.71525	21-08-18 16:57	3000	Other	NA	Electronic	9.71525	9.72191
EURNOK	22-08-18	11:32-13:30			9.69334	22-08-18 12:44	1000	Other	NA	Electronic	9.68671	9.69334
EURNOK	23-08-18	11:32-13:30			9.65115	23-08-18 12:10	1000	Other	NA	Electronic	9.6451	9.65115
EURNOK	24-08-18	15:32-17:30			9.68445	24-08-18 16:34	4000	Other	NA	Electronic	9.68445	9.69085
EURNOK	28-08-18	15:32-17:30			9.75872	28-08-18 16:37	10000	Other	NA	Electronic	9.75872	9.76506
EURNOK	29-08-18	13:32-15:30			9.75694	29-08-18 13:40	3000	Other	NA	Electronic	9.75057	9.75694
EURNOK	30-08-18	11:32-13:30			9.71412	30-08-18 12:42	2000	Other	NA	Electronic	9.71412	9.72067
EURNOK	30-08-18	13:32-15:30			9.71372	30-08-18 15:02	2000	Other	NA	Electronic	9.71372	9.72006
EURNOK	03-09-18	11:32-13:30			9.70235	03-09-18 11:33	1000	Other	NA	Electronic	9.70235	9.70885
EURNOK	04-09-18	13:32-15:30			9.70995	04-09-18 13:54	1000	Other	NA	Electronic	9.70995	9.71625
EURNOK	05-09-18	11:32-13:30			9.74005	05-09-18 11:52	1000	Other	NA	Electronic	9.74005	9.74635

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOK	05-09-18	13:32-15:30			9.76816	05-09-18 15:09	1000	Other	NA	Electronic	9.76816	9.77435
EURNOK	06-09-18	09:32-11:30			9.77048	06-09-18 11:11	10000	Other	NA	Electronic	9.77048	9.77705
EURNOK	06-09-18	11:32-13:30			9.77215	06-09-18 12:37	1000	Other	NA	Electronic	9.77215	9.77871
EURNOK	06-09-18	15:32-17:30			9.79505	06-09-18 17:28	2000	Other	NA	Electronic	9.78825	9.79505
EURNOK	07-09-18	11:32-13:30			9.75049	07-09-18 12:51	1000	Other	NA	Electronic	9.75049	9.75708
EURNOK	10-09-18	13:32-15:30			9.71605	10-09-18 14:10	6000	Other	NA	Electronic	9.71	9.71605
EURNOK	10-09-18	15:32-17:30			9.72101	10-09-18 15:49	1000	Other	NA	Electronic	9.71464	9.72101
EURNOK	11-09-18	09:32-11:30			9.68962	11-09-18 11:23	1000	Other	NA	Electronic	9.68329	9.68962
EURNOK	11-09-18	11:32-13:30			9.67588	11-09-18 12:14	1000	Other	NA	Electronic	9.67588	9.68225
EURNOK	11-09-18	13:32-15:30			9.68558	11-09-18 14:35	4000	Other	NA	Electronic	9.67924	9.68558
EURNOK	11-09-18	15:32-17:30			9.67345	11-09-18 15:41	1000	Other	NA	Electronic	9.67345	9.6798
EURNOK	12-09-18	09:32-11:30			9.63496	12-09-18 09:40	1000	Other	NA	Electronic	9.63496	9.64158
EURNOK	12-09-18	13:30-13:32	9.63205	1000								
EURNOK	12-09-18	15:30-15:32	9.60027	3000								
EURNOK	13-09-18	11:32-13:30			9.58207	13-09-18 12:01	1000	Other	NA	Electronic	9.57569	9.58207



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EURNOK	14-09-18	11:32-13:30			9.62706	14-09-18 12:38	1000	Other	NA	Electronic	9.62706	9.6331
EURNOK	14-09-18	15:32-17:30			9.6105	14-09-18 16:05	6000	Other	NA	Electronic	9.60467	9.6105
EURNOK	17-09-18	11:32-13:30			9.56745	17-09-18 11:35	1000	Other	NA	Electronic	9.56745	9.57312
EURNOK	17-09-18	13:32-15:30			9.56338	17-09-18 14:01	2000	Other	NA	Electronic	9.56338	9.56946
EURNOK	17-09-18	15:32-17:30			9.55329	17-09-18 17:11	1000	Other	NA	Electronic	9.54754	9.55329
EURNOK	18-09-18	09:32-11:30			9.55468	18-09-18 10:37	15000	Other	NA	Electronic	9.54863	9.55468
EURNOK	18-09-18	11:32-13:30			9.54737	18-09-18 12:40	15000	Other	NA	Electronic	9.54737	9.55329
EURNOK	18-09-18	13:32-15:30			9.54136	18-09-18 15:00	1000	Other	NA	Electronic	9.53636	9.54136
EURNOK	20-09-18	09:32-11:30			9.61056	20-09-18 09:47	1000	Other	NA	Electronic	9.60439	9.61056
EURNOK	20-09-18	11:32-13:30			9.57363	20-09-18 11:47	33000	Other	NA	Electronic	9.57363	9.57884
EURNOK	21-09-18	15:32-17:30			9.56875	21-09-18 17:03	2000	Other	NA	Electronic	9.56875	9.57512
EURNOK	24-09-18	09:32-11:30			9.5692	24-09-18 10:23	15000	Other	NA	Electronic	9.56344	9.5692
EURNOK	24-09-18	13:32-15:30			9.59236	24-09-18 13:56	1000	Other	NA	Electronic	9.59236	9.59812
EURNOK	24-09-18	15:32-17:30			9.56587	24-09-18 16:47	2000	Other	NA	Electronic	9.56587	9.57157
EURNOK	25-09-18	09:32-11:30			9.5712	25-09-18 10:32	8000	Other	NA	Electronic	9.57121	9.57718

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EURNOK	25-09-18	11:32-13:30			9.57496	25-09-18 11:42	1000	Other	NA	Electronic	9.56906	9.57496
EURNOK	25-09-18	15:32-17:30			9.55844	25-09-18 15:46	1000	Other	NA	Electronic	9.55844	9.56415
EURNOK	26-09-18	13:32-15:30			9.54126	26-09-18 13:43	1000	Other	NA	Electronic	9.53555	9.54126
EURNOK	26-09-18	15:32-17:30			9.52868	26-09-18 15:43	2000	Other	NA	Electronic	9.52868	9.53433
EURNOK	27-09-18	09:32-11:30			9.5063	27-09-18 11:25	5000	Other	NA	Electronic	9.50632	9.512
EURNOK	27-09-18	15:32-17:30			9.50262	27-09-18 15:47	1000	Other	NA	Electronic	9.49687	9.50262
EURNOK	28-09-18	09:32-11:30			9.46596	28-09-18 10:07	1000	Other	NA	Electronic	9.46019	9.46596
EURNOK	28-09-18	15:32-17:30			9.45628	28-09-18 17:11	1000	Other	NA	Electronic	9.45072	9.45628
EURNOK.	05-07-18	11:32-13:30			9.42683	05-07-18 13:26	2000	Other	NA	Electronic	9.42683	9.4288
EURNOK.	06-07-18	11:32-13:30			9.44164	06-07-18 12:52	5000	Other	NA	Electronic	9.43955	9.44152
EURNOK.	06-07-18	15:32-17:30			9.41909	06-07-18 16:12	5000	Other	NA	Electronic	9.41909	9.42129
EURNOK.	17-07-18	15:32-17:30			9.49564	17-07-18 17:29	50000	Other	NA	Electronic	9.49564	9.49848
EURNOK.	18-07-18	11:32-13:30			9.50238	18-07-18 11:59	2000	Other	NA	Electronic	9.50058	9.50238
EURNOK.	18-07-18	13:32-15:30			9.51798	18-07-18 13:43	50000	Other	NA	Electronic	9.51798	9.51985
EURNOK.	13-08-18	09:32-11:30			9.5363	13-08-18 11:02	1000	Other	NA	Electronic	9.5342	9.5363

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EURNOK.	13-08-18	13:32-15:30			9.53692	13-08-18 14:39	1000	Other	NA	Electronic	9.53692	9.53896
EURNOK.	16-08-18	09:32-11:30			9.60881	16-08-18 09:41	1000	Other	NA	Electronic	9.6068	9.60881
EURNOK.	16-08-18	15:32-17:30			9.65238	16-08-18 17:10	1000	Other	NA	Electronic	9.65238	9.6547
EURNOK.	28-08-18	11:32-13:30			9.72531	28-08-18 12:00	1000	Other	NA	Electronic	9.72328	9.72531
EURNOK.	29-08-18	15:32-17:30			9.75768	29-08-18 15:58	3000	Other	NA	Electronic	9.75768	9.75967
EURNOK.	19-09-18	09:32-11:30			9.53509	19-09-18 10:45	4000	Other	NA	Electronic	9.53306	9.53509
EURNOK.	20-09-18	11:32-13:30			9.57599	20-09-18 11:46	4000	Other	NA	Electronic	9.57599	9.57831
EURNOK.	27-09-18	13:32-15:30			9.49863	27-09-18 13:48	1000	Other	NA	Electronic	9.49663	9.49863
EURNOK.	28-09-18	09:32-11:30			9.46863	28-09-18 09:36	1000	Other	NA	Electronic	9.46863	9.47069
EURNOKmicro	02-07-18	09:32-11:30			9.5058	02-07-18 10:25	500	Other	NA	Electronic	9.5058	9.5118
EURNOKmicro	02-07-18	11:32-13:30			9.49582	02-07-18 11:47	100	Other	NA	Electronic	9.49599	9.50209
EURNOKmicro	02-07-18	13:32-15:30			9.51543	02-07-18 13:37	100	Other	NA	Electronic	9.50939	9.51543
EURNOKmicro	03-07-18	09:32-11:30			9.47401	03-07-18 10:04	100	Other	NA	Electronic	9.46764	9.47401
EURNOKmicro	03-07-18	11:32-13:30			9.47008	03-07-18 11:45	500	Other	NA	Electronic	9.46363	9.47008
EURNOKmicro	03-07-18	15:32-17:30			9.47598	03-07-18 16:23	5000	Other	NA	Electronic	9.47598	9.48237

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EURNOKmicro	04-07-18	09:32-11:30			9.44967	04-07-18 09:47	190	Other	NA	Electronic	9.44346	9.44967
EURNOKmicro	04-07-18	11:32-13:30			9.44605	04-07-18 11:52	190	Other	NA	Electronic	9.44605	9.45217
EURNOKmicro	04-07-18	13:32-15:30			9.435	04-07-18 13:53	3000	Other	NA	Electronic	9.435	9.44127
EURNOKmicro	04-07-18	15:32-17:30			9.4516	04-07-18 16:22	5000	Other	NA	Electronic	9.4516	9.45828
EURNOKmicro	05-07-18	09:32-11:30			9.43558	05-07-18 10:37	500	Other	NA	Electronic	9.42931	9.43558
EURNOKmicro	05-07-18	11:32-13:30			9.43862	05-07-18 11:33	100	Other	NA	Electronic	9.43235	9.43862
EURNOKmicro	05-07-18	13:32-15:30			9.42585	05-07-18 13:41	150	Other	NA	Electronic	9.41968	9.42585
EURNOKmicro	05-07-18	15:32-17:30			9.41892	05-07-18 16:58	1000	Other	NA	Electronic	9.41892	9.42526
EURNOKmicro	06-07-18	09:32-11:30			9.44009	06-07-18 11:09	1000	Other	NA	Electronic	9.44009	9.44636
EURNOKmicro	06-07-18	11:32-13:30			9.44667	06-07-18 12:08	200	Other	NA	Electronic	9.44028	9.44667
EURNOKmicro	06-07-18	15:32-17:30			9.42928	06-07-18 15:50	150	Other	NA	Electronic	9.42272	9.42928
EURNOKmicro	09-07-18	09:32-11:30			9.41224	09-07-18 09:45	2000	Other	NA	Electronic	9.40604	9.41224
EURNOKmicro	09-07-18	11:30-11:32	9.42118	1000								
EURNOKmicro	09-07-18	13:32-15:30			9.43614	09-07-18 13:50	10	Other	NA	Electronic	9.42987	9.43614
EURNOKmicro	09-07-18	15:32-17:30			9.41838	09-07-18 15:54	300	Other	NA	Electronic	9.41212	9.41838

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EURNOKmicro	10-07-18	11:32-13:30			9.42478	10-07-18 11:37	5000	Other	NA	Electronic	9.41851	9.42478
EURNOKmicro	10-07-18	13:32-15:30			9.41206	10-07-18 13:44	1000	Other	NA	Electronic	9.41206	9.41832
EURNOKmicro	10-07-18	15:32-17:30			9.426	10-07-18 16:55	100	Other	NA	Electronic	9.41973	9.426
EURNOKmicro	11-07-18	09:32-11:30			9.44215	11-07-18 10:39	750	Other	NA	Electronic	9.53497	9.54126
EURNOKmicro	12-07-18	09:32-11:30			9.4655	12-07-18 10:57	10000	Other	NA	Electronic	9.45904	9.4655
EURNOKmicro	12-07-18	11:32-13:30			9.45566	12-07-18 11:36	10	Other	NA	Electronic	9.45566	9.46191
EURNOKmicro	12-07-18	13:32-15:30			9.45971	12-07-18 15:10	300	Other	NA	Electronic	9.45971	9.4659
EURNOKmicro	12-07-18	15:32-17:30			9.46417	12-07-18 16:11	100	Other	NA	Electronic	9.46417	9.47043
EURNOKmicro	13-07-18	09:32-11:30			9.48044	13-07-18 10:38	300	Other	NA	Electronic	9.48044	9.48671
EURNOKmicro	13-07-18	15:32-17:30			9.48328	13-07-18 16:00	1000	Other	NA	Electronic	9.48329	9.48956
EURNOKmicro	16-07-18	09:32-11:30			9.48085	16-07-18 10:03	1700	Other	NA	Electronic	9.4742	9.48091
EURNOKmicro	16-07-18	11:32-13:30			9.48618	16-07-18 12:35	100	Other	NA	Electronic	9.47992	9.48618
EURNOKmicro	16-07-18	13:32-15:30			9.48775	16-07-18 14:48	2000	Other	NA	Electronic	9.48776	9.49415
EURNOKmicro	16-07-18	15:32-17:30			9.49554	16-07-18 15:52	2000	Other	NA	Electronic	9.48908	9.49554
EURNOKmicro	17-07-18	09:32-11:30			9.48503	17-07-18 10:18	800	Other	NA	Electronic	9.48503	9.4913

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EURNOKmicro	17-07-18	11:32-13:30			9.48636	17-07-18 12:45	2000	Other	NA	Electronic	9.48013	9.48636
EURNOKmicro	17-07-18	13:32-15:30			9.49678	17-07-18 13:52	110	Other	NA	Electronic	9.49064	9.49678
EURNOKmicro	17-07-18	15:32-17:30			9.49154	17-07-18 15:49	100	Other	NA	Electronic	9.48527	9.49154
EURNOKmicro	18-07-18	09:32-11:30			9.49352	18-07-18 11:08	1000	Other	NA	Electronic	9.49352	9.4998
EURNOKmicro	18-07-18	11:32-13:30			9.51399	18-07-18 12:50	50	Other	NA	Electronic	9.50773	9.51399
EURNOKmicro	18-07-18	13:32-15:30			9.52446	18-07-18 13:52	110	Other	NA	Electronic	9.5241	9.52993
EURNOKmicro	18-07-18	15:32-17:30			9.52501	18-07-18 15:42	30	Other	NA	Electronic	9.51874	9.52501
EURNOKmicro	19-07-18	09:30-09:32	9.55735	50								
EURNOKmicro	19-07-18	11:32-13:30			9.56397	19-07-18 11:57	500	Other	NA	Electronic	9.5581	9.56397
EURNOKmicro	19-07-18	13:32-15:30			9.56494	19-07-18 13:33	500	Other	NA	Electronic	9.5582	9.56494
EURNOKmicro	19-07-18	15:32-17:30			9.56793	19-07-18 15:43	1000	Other	NA	Electronic	9.56793	9.5742
EURNOKmicro	20-07-18	09:32-11:30			9.5703	20-07-18 09:37	300	Other	NA	Electronic	9.5703	9.57657
EURNOKmicro	20-07-18	11:32-13:30			9.5999	20-07-18 12:08	100	Other	NA	Electronic	9.59344	9.6
EURNOKmicro	20-07-18	13:32-15:30			9.59789	20-07-18 13:36	500	Other	NA	Electronic	9.59137	9.59789
EURNOKmicro	23-07-18	09:32-11:30			9.55711	23-07-18 09:40	1000	Other	NA	Electronic	9.55084	9.55711

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EURNOKmicro	23-07-18	11:30-11:32	9.55836	220								
EURNOKmicro	23-07-18	13:32-15:30			9.56626	23-07-18 13:40	300	Other	NA	Electronic	9.56626	9.57253
EURNOKmicro	23-07-18	15:32-17:30			9.58005	23-07-18 17:04	10	Other	NA	Electronic	9.58005	9.58671
EURNOKmicro	24-07-18	09:32-11:30			9.55994	24-07-18 10:46	500	Other	NA	Electronic	9.55994	9.56621
EURNOKmicro	24-07-18	11:32-13:30			9.56504	24-07-18 11:34	1000	Other	NA	Electronic	9.55852	9.56504
EURNOKmicro	24-07-18	13:32-15:30			9.5497	24-07-18 14:34	510	Other	NA	Electronic	9.5497	9.55597
EURNOKmicro	24-07-18	15:32-17:30			9.55472	24-07-18 16:55	1000	Other	NA	Electronic	9.55472	9.56109
EURNOKmicro	25-07-18	09:32-11:30			9.54892	25-07-18 09:43	100	Other	NA	Electronic	9.54892	9.55498
EURNOKmicro	25-07-18	11:32-13:30			9.55073	25-07-18 12:09	100	Other	NA	Electronic	9.54454	9.55073
EURNOKmicro	25-07-18	13:32-15:30			9.55805	25-07-18 13:50	200	Other	NA	Electronic	9.55164	9.55774
EURNOKmicro	25-07-18	15:30-15:32	9.54493	510								
EURNOKmicro	26-07-18	11:32-13:30			9.54534	26-07-18 12:25	400	Other	NA	Electronic	9.53907	9.54534
EURNOKmicro	26-07-18	13:32-15:30			9.5391	26-07-18 13:44	1000	Other	NA	Electronic	9.53288	9.53907
EURNOKmicro	26-07-18	15:32-17:30			9.53521	26-07-18 15:33	10	Other	NA	Electronic	9.52894	9.53521
EURNOKmicro	27-07-18	11:32-13:30			9.53152	27-07-18 12:27	400	Other	NA	Electronic	9.53152	9.5379

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EURNOKmicro	27-07-18	15:32-17:30			9.55702	27-07-18 16:59	50	Other	NA	Electronic	9.54988	9.55702
EURNOKmicro	30-07-18	09:32-11:30			9.53596	30-07-18 09:50	500	Other	NA	Electronic	9.52964	9.53596
EURNOKmicro	30-07-18	11:32-13:30			9.52542	30-07-18 12:04	50	Other	NA	Electronic	9.52535	9.53149
EURNOKmicro	30-07-18	13:32-15:30			9.52863	30-07-18 13:52	5000	Other	NA	Electronic	9.52876	9.53484
EURNOKmicro	30-07-18	15:32-17:30			9.53518	30-07-18 16:08	100	Other	NA	Electronic	9.52892	9.53518
EURNOKmicro	31-07-18	11:32-13:30			9.54149	31-07-18 13:04	5000	Other	NA	Electronic	9.54149	9.54776
EURNOKmicro	31-07-18	13:32-15:30			9.53635	31-07-18 13:40	1000	Other	NA	Electronic	9.53635	9.54262
EURNOKmicro	31-07-18	15:32-17:30			9.53535	31-07-18 16:27	100	Other	NA	Electronic	9.53535	9.54206
EURNOKmicro	01-08-18	09:32-11:30			9.5363	01-08-18 09:42	10	Other	NA	Electronic	9.5363	9.54246
EURNOKmicro	01-08-18	11:32-13:30			9.54165	01-08-18 11:53	150	Other	NA	Electronic	9.53565	9.54165
EURNOKmicro	01-08-18	13:32-15:30			9.53255	01-08-18 15:09	50	Other	NA	Electronic	9.53255	9.53895
EURNOKmicro	01-08-18	15:32-17:30			9.53324	01-08-18 16:16	100	Other	NA	Electronic	9.53324	9.53985
EURNOKmicro	02-08-18	11:32-13:30			9.54911	02-08-18 12:17	30	Other	NA	Electronic	9.54277	9.54911
EURNOKmicro	02-08-18	13:32-15:30			9.55303	02-08-18 14:02	250	Other	NA	Electronic	9.55303	9.55939
EURNOKmicro	02-08-18	15:30-15:32	9.55164	250								



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EURNOKmicro	03-08-18	11:32-13:30			9.54085	03-08-18 11:36	100	Other	NA	Electronic	9.53405	9.54085
EURNOKmicro	06-08-18	09:32-11:30			9.53645	06-08-18 09:48	1000	Other	NA	Electronic	9.53645	9.54263
EURNOKmicro	06-08-18	11:32-13:30			9.53016	06-08-18 11:37	180	Other	NA	Electronic	9.53016	9.53665
EURNOKmicro	06-08-18	15:32-17:30			9.52297	06-08-18 15:48	800	Other	NA	Electronic	9.52297	9.52932
EURNOKmicro	07-08-18	09:32-11:30			9.51325	07-08-18 09:53	100	Other	NA	Electronic	9.51325	9.51949
EURNOKmicro	07-08-18	11:32-13:30			9.50244	07-08-18 12:00	100	Other	NA	Electronic	9.4967	9.50244
EURNOKmicro	07-08-18	13:32-15:30			9.50555	07-08-18 13:49	660	Other	NA	Electronic	9.50555	9.51184
EURNOKmicro	07-08-18	15:32-17:30			9.50701	07-08-18 16:04	350	Other	NA	Electronic	9.50067	9.50701
EURNOKmicro	08-08-18	11:32-13:30			9.52848	08-08-18 11:37	100	Other	NA	Electronic	9.52208	9.52848
EURNOKmicro	08-08-18	13:32-15:30			9.54093	08-08-18 13:57	10	Other	NA	Electronic	9.54093	9.54695
EURNOKmicro	08-08-18	15:32-17:30			9.54474	08-08-18 16:13	200	Other	NA	Electronic	9.54474	9.55098
EURNOKmicro	09-08-18	09:32-11:30			9.54466	09-08-18 09:44	40	Other	NA	Electronic	9.53815	9.54466
EURNOKmicro	09-08-18	11:32-13:30			9.54517	09-08-18 13:06	300	Other	NA	Electronic	9.54517	9.55148
EURNOKmicro	09-08-18	13:32-15:30			9.55879	09-08-18 14:14	50	Other	NA	Electronic	9.55245	9.55879
EURNOKmicro	09-08-18	15:32-17:30			9.58953	09-08-18 15:43	100	Other	NA	Electronic	9.58345	9.58953

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EURNOKmicro	10-08-18	09:32-11:30			9.5497	10-08-18 09:44	2000	Other	NA	Electronic	9.54364	9.5497
EURNOKmicro	10-08-18	11:32-13:30			9.52996	10-08-18 11:58	100	Other	NA	Electronic	9.52364	9.52996
EURNOKmicro	10-08-18	13:32-15:30			9.54205	10-08-18 13:39	1100	Other	NA	Electronic	9.53543	9.54205
EURNOKmicro	10-08-18	15:32-17:30			9.54159	10-08-18 15:39	200	Other	NA	Electronic	9.54159	9.54796
EURNOKmicro	13-08-18	09:32-11:30			9.53322	13-08-18 10:58	10	Other	NA	Electronic	9.53322	9.53975
EURNOKmicro	13-08-18	11:32-13:30			9.52204	13-08-18 11:55	100	Other	NA	Electronic	9.52204	9.52856
EURNOKmicro	13-08-18	13:32-15:30			9.54034	13-08-18 14:26	10	Other	NA	Electronic	9.53405	9.54034
EURNOKmicro	14-08-18	09:32-11:30			9.52958	14-08-18 09:36	200	Other	NA	Electronic	9.52324	9.52958
EURNOKmicro	14-08-18	11:32-13:30			9.52437	14-08-18 12:49	100	Other	NA	Electronic	9.51816	9.52437
EURNOKmicro	14-08-18	13:32-15:30			9.5281	14-08-18 13:37	440	Other	NA	Electronic	9.52188	9.5281
EURNOKmicro	15-08-18	09:32-11:30			9.55735	15-08-18 11:20	1000	Other	NA	Electronic	9.55107	9.55735
EURNOKmicro	15-08-18	11:32-13:30			9.55378	15-08-18 11:54	100	Other	NA	Electronic	9.54739	9.55376
EURNOKmicro	15-08-18	13:32-15:30			9.56658	15-08-18 14:26	200	Other	NA	Electronic	9.56658	9.57295
EURNOKmicro	15-08-18	15:32-17:30			9.60087	15-08-18 16:04	1000	Other	NA	Electronic	9.60087	9.60708
EURNOKmicro	16-08-18	09:32-11:30			9.6054	16-08-18 09:42	660	Other	NA	Electronic	9.6054	9.61179

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EURNOKmicro	16-08-18	11:32-13:30			9.61371	16-08-18 11:38	200	Other	NA	Electronic	9.60708	9.61371
EURNOKmicro	16-08-18	13:32-15:30			9.63215	16-08-18 15:20	100	Other	NA	Electronic	9.63215	9.63846
EURNOKmicro	16-08-18	15:32-17:30			9.63325	16-08-18 15:35	500	Other	NA	Electronic	9.63325	9.63965
EURNOKmicro	17-08-18	09:32-11:30			9.68224	17-08-18 10:50	50	Other	NA	Electronic	9.67593	9.68224
EURNOKmicro	17-08-18	11:32-13:30			9.67233	17-08-18 11:44	2000	Other	NA	Electronic	9.67233	9.67862
EURNOKmicro	17-08-18	15:32-17:30			9.67015	17-08-18 17:02	100	Other	NA	Electronic	9.67015	9.67665
EURNOKmicro	20-08-18	09:32-11:30			9.66682	20-08-18 11:29	500	Other	NA	Electronic	9.66682	9.67316
EURNOKmicro	20-08-18	11:30-11:32	9.67051	200								
EURNOKmicro	20-08-18	13:32-15:30			9.67352	20-08-18 13:38	200	Other	NA	Electronic	9.67352	9.67966
EURNOKmicro	20-08-18	15:32-17:30			9.69466	20-08-18 16:52	500	Other	NA	Electronic	9.794	9.80095
EURNOKmicro	21-08-18	09:32-11:30			9.69934	21-08-18 10:13	1200	Other	NA	Electronic	9.69934	9.70571
EURNOKmicro	21-08-18	11:32-13:30			9.71795	21-08-18 11:44	50	Other	NA	Electronic	9.71165	9.71795
EURNOKmicro	21-08-18	13:32-15:30			9.71094	21-08-18 15:08	50	Other	NA	Electronic	9.71094	9.71725
EURNOKmicro	21-08-18	15:32-17:30			9.71508	21-08-18 16:14	350	Other	NA	Electronic	9.71508	9.72115
EURNOKmicro	22-08-18	09:32-11:30			9.70977	22-08-18 09:41	390	Other	NA	Electronic	9.70335	9.70977

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EURNOKmicro	22-08-18	11:32-13:30			9.69519	22-08-18 11:48	300	Other	NA	Electronic	9.68885	9.69519
EURNOKmicro	22-08-18	13:30-13:32	9.68226	400								
EURNOKmicro	23-08-18	09:32-11:30			9.64973	23-08-18 09:44	1000	Other	NA	Electronic	9.64339	9.64973
EURNOKmicro	23-08-18	11:32-13:30			9.64634	23-08-18 11:53	1000	Other	NA	Electronic	9.64634	9.65265
EURNOKmicro	23-08-18	13:32-15:30			9.66454	23-08-18 13:52	400	Other	NA	Electronic	9.65789	9.66454
EURNOKmicro	23-08-18	15:32-17:30			9.67877	23-08-18 16:10	300	Other	NA	Electronic	9.67877	9.68511
EURNOKmicro	24-08-18	11:32-13:30			9.69971	24-08-18 11:50	50	Other	NA	Electronic	9.69337	9.69971
EURNOKmicro	24-08-18	15:32-17:30			9.68925	24-08-18 16:49	310	Other	NA	Electronic	9.68925	9.6956
EURNOKmicro	27-08-18	09:30-09:32	9.70566	300								
EURNOKmicro	27-08-18	13:32-15:30			9.71075	27-08-18 13:32	20	Other	NA	Electronic	9.70415	9.71075
EURNOKmicro	27-08-18	15:32-17:30			9.71991	27-08-18 16:35	600	Other	NA	Electronic	9.72008	9.72625
EURNOKmicro	28-08-18	09:32-11:30			9.72245	28-08-18 10:21	100	Other	NA	Electronic	9.71619	9.72245
EURNOKmicro	28-08-18	13:32-15:30			9.74135	28-08-18 13:51	300	Other	NA	Electronic	9.73465	9.74135
EURNOKmicro	28-08-18	15:32-17:30			9.76045	28-08-18 15:32	1000	Other	NA	Electronic	9.76045	9.76661
EURNOKmicro	29-08-18	11:32-13:30			9.75218	29-08-18 12:07	10000	Other	NA	Electronic	9.7459	9.75218

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOKmicro	29-08-18	13:32-15:30			9.76411	29-08-18 14:41	500	Other	NA	Electronic	9.76411	9.77045
EURNOKmicro	30-08-18	09:32-11:30			9.72835	30-08-18 09:34	500	Other	NA	Electronic	9.72174	9.72835
EURNOKmicro	30-08-18	11:32-13:30			9.71501	30-08-18 12:20	200	Other	NA	Electronic	9.71501	9.72155
EURNOKmicro	30-08-18	13:30-13:32	9.72614	600								
EURNOKmicro	31-08-18	09:32-11:30			9.72326	31-08-18 10:27	600	Other	NA	Electronic	9.71698	9.72326
EURNOKmicro	31-08-18	11:32-13:30			9.71625	31-08-18 11:59	1000	Other	NA	Electronic	9.71054	9.71598
EURNOKmicro	31-08-18	13:30-13:32	9.70249	50								
EURNOKmicro	31-08-18	15:32-17:30			9.72355	31-08-18 15:37	500	Other	NA	Electronic	9.72355	9.72995
EURNOKmicro	03-09-18	09:32-11:30			9.70585	03-09-18 10:05	450	Other	NA	Electronic	9.69937	9.70585
EURNOKmicro	03-09-18	11:32-13:30			9.70233	03-09-18 11:56	1000	Other	NA	Electronic	9.70233	9.70895
EURNOKmicro	03-09-18	13:32-15:30			9.70651	03-09-18 13:40	660	Other	NA	Electronic	9.70651	9.71317
EURNOKmicro	03-09-18	15:32-17:30			9.70685	03-09-18 16:39	500	Other	NA	Electronic	9.70685	9.71349
EURNOKmicro	04-09-18	09:32-11:30			9.71692	04-09-18 09:42	350	Other	NA	Electronic	9.71692	9.72328
EURNOKmicro	04-09-18	11:32-13:30			9.72119	04-09-18 12:54	100	Other	NA	Electronic	9.71483	9.72119
EURNOKmicro	05-09-18	11:32-13:30			9.76488	05-09-18 13:22	40	Other	NA	Electronic	9.76488	9.77151

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOKmicro	05-09-18	13:32-15:30			9.77009	05-09-18 13:57	600	Other	NA	Electronic	9.77009	9.77663
EURNOKmicro	06-09-18	09:32-11:30			9.75655	06-09-18 09:35	100	Other	NA	Electronic	9.75655	9.7626
EURNOKmicro	06-09-18	13:32-15:30			9.78885	06-09-18 13:58	200	Other	NA	Electronic	9.78224	9.78885
EURNOKmicro	06-09-18	15:32-17:30			9.79065	06-09-18 15:59	100	Other	NA	Electronic	9.78395	9.79065
EURNOKmicro	07-09-18	11:32-13:30			9.75993	07-09-18 12:49	600	Other	NA	Electronic	9.75334	9.75993
EURNOKmicro	07-09-18	13:32-15:30			9.77017	07-09-18 13:41	2000	Other	NA	Electronic	9.76354	9.77017
EURNOKmicro	10-09-18	09:32-11:30			9.71053	10-09-18 09:43	500	Other	NA	Electronic	9.70395	9.71053
EURNOKmicro	10-09-18	11:32-13:30			9.71577	10-09-18 13:29	100	Other	NA	Electronic	9.70945	9.71577
EURNOKmicro	11-09-18	09:32-11:30			9.6898	11-09-18 10:20	50	Other	NA	Electronic	9.6898	9.69608
EURNOKmicro	11-09-18	11:32-13:30			9.69446	11-09-18 13:10	4000	Other	NA	Electronic	9.68833	9.69446
EURNOKmicro	11-09-18	13:32-15:30			9.67165	11-09-18 14:57	50	Other	NA	Electronic	9.67165	9.67778
EURNOKmicro	11-09-18	15:32-17:30			9.67836	11-09-18 15:39	1000	Other	NA	Electronic	9.67208	9.67836
EURNOKmicro	12-09-18	09:32-11:30			9.6443	12-09-18 09:36	260	Other	NA	Electronic	9.63762	9.6443
EURNOKmicro	12-09-18	13:32-15:30			9.63056	12-09-18 13:52	20	Other	NA	Electronic	9.62522	9.63056
EURNOKmicro	12-09-18	15:32-17:30			9.60457	12-09-18 15:45	100	Other	NA	Electronic	9.59766	9.60457

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOKmicro	13-09-18	11:32-13:30			9.56644	13-09-18 12:34	150	Other	NA	Electronic	9.56066	9.56662
EURNOKmicro	14-09-18	11:32-13:30			9.61763	14-09-18 11:37	300	Other	NA	Electronic	9.61763	9.62363
EURNOKmicro	14-09-18	13:32-15:30			9.6333	14-09-18 14:03	2000	Other	NA	Electronic	9.6333	9.63814
EURNOKmicro	14-09-18	15:32-17:30			9.61054	14-09-18 16:08	2000	Other	NA	Electronic	9.60398	9.61054
EURNOKmicro	17-09-18	09:32-11:30			9.58067	17-09-18 09:33	20	Other	NA	Electronic	9.57467	9.58067
EURNOKmicro	17-09-18	11:32-13:30			9.57241	17-09-18 11:48	500	Other	NA	Electronic	9.56671	9.57241
EURNOKmicro	17-09-18	13:32-15:30			9.55789	17-09-18 13:48	900	Other	NA	Electronic	9.55213	9.55789
EURNOKmicro	17-09-18	15:32-17:30			9.54908	17-09-18 16:52	1000	Other	NA	Electronic	9.54908	9.55476
EURNOKmicro	18-09-18	09:32-11:30			9.55818	18-09-18 10:51	250	Other	NA	Electronic	9.55222	9.55818
EURNOKmicro	18-09-18	13:32-15:30			9.53993	18-09-18 14:55	150	Other	NA	Electronic	9.53397	9.53993
EURNOKmicro	18-09-18	15:32-17:30			9.52207	18-09-18 16:09	250	Other	NA	Electronic	9.52207	9.52773
EURNOKmicro	19-09-18	15:32-17:30			9.51854	19-09-18 16:02	1500	Other	NA	Electronic	9.51854	9.52422
EURNOKmicro	20-09-18	09:32-11:30			9.61214	20-09-18 10:44	250	Other	NA	Electronic	9.60636	9.61214
EURNOKmicro	20-09-18	11:32-13:30			9.59032	20-09-18 11:32	900	Other	NA	Electronic	9.58393	9.59032
EURNOKmicro	20-09-18	15:32-17:30			9.5866	20-09-18 16:10	120	Other	NA	Electronic	9.58088	9.5866

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNOKmicro	21-09-18	13:32-15:30			9.57295	21-09-18 13:55	1100	Other	NA	Electronic	9.5669	9.57295
EURNOKmicro	24-09-18	11:32-13:30			9.57489	24-09-18 11:45	200	Other	NA	Electronic	9.56925	9.57489
EURNOKmicro	24-09-18	13:32-15:30			9.59958	24-09-18 13:48	600	Other	NA	Electronic	9.59958	9.60519
EURNOKmicro	24-09-18	15:32-17:30			9.57206	24-09-18 16:40	600	Other	NA	Electronic	9.56639	9.57206
EURNOKmicro	25-09-18	13:32-15:30			9.56475	25-09-18 13:56	500	Other	NA	Electronic	9.55905	9.56475
EURNOKmicro	25-09-18	15:32-17:30			9.56711	25-09-18 16:18	1900	Other	NA	Electronic	9.56126	9.56711
EURNOKmicro	26-09-18	11:32-13:30			9.53686	26-09-18 11:59	200	Other	NA	Electronic	9.53686	9.54163
EURNOKmicro	26-09-18	13:32-15:30			9.52294	26-09-18 14:16	200	Other	NA	Electronic	9.51732	9.52294
EURNOKmicro	26-09-18	15:32-17:30			9.53058	26-09-18 16:24	500	Other	NA	Electronic	9.52489	9.53058
EURNOKmicro	27-09-18	09:32-11:30			9.52285	27-09-18 09:33	17000	Other	NA	Electronic	9.52285	9.52854
EURNOKmicro	27-09-18	11:32-13:30			9.4943	27-09-18 11:52	300	Other	NA	Electronic	9.4943	9.49969
EURNOKmicro	27-09-18	13:32-15:30			9.50049	27-09-18 14:18	1000	Other	NA	Electronic	9.49489	9.50049
EURNOKmicro	27-09-18	15:32-17:30			9.49265	27-09-18 15:38	300	Other	NA	Electronic	9.49265	9.49839
EURNOKmicro	28-09-18	09:32-11:30			9.46484	28-09-18 10:00	300	Other	NA	Electronic	9.45906	9.46484
EURNOKmicro	28-09-18	11:32-13:30			9.45557	28-09-18 12:50	20	Other	NA	Electronic	9.45557	9.46123



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EURNOKmicro	28-09-18	13:32-15:30			9.46324	28-09-18 13:50	19000	Other	NA	Electronic	9.45753	9.46324
EURNOKmicro	28-09-18	15:32-17:30			9.46005	28-09-18 16:06	610	Other	NA	Electronic	9.45453	9.46005
EURNZD	02-07-18	09:30-09:32	1.72553	19000								
EURNZD	02-07-18	11:30-11:32	1.72928	11000								
EURNZD	02-07-18	13:30-13:32	1.72971	5000								
EURNZD	02-07-18	15:32-17:30			1.73187	02-07-18 15:33	10000	Other	NA	Electronic	1.73186	1.73251
EURNZD	03-07-18	09:30-09:32	1.7301	83000								
EURNZD	03-07-18	11:32-13:30			1.73095	03-07-18 11:32	2000	Other	NA	Electronic	1.73033	1.73095
EURNZD	03-07-18	13:30-13:32	1.72972	11000								
EURNZD	03-07-18	15:30-15:32	1.72613	30000								
EURNZD	04-07-18	09:30-09:32	1.7203	38000								
EURNZD	04-07-18	11:30-11:32	1.72162	3000								
EURNZD	04-07-18	13:32-15:30			1.72189	04-07-18 13:32	3000	Other	NA	Electronic	1.72119	1.72189
EURNZD	04-07-18	15:30-15:32	1.72085	1000								
EURNZD	05-07-18	09:30-09:32	1.72316	250000								

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EURNZD	05-07-18	11:32-13:30			1.72442	05-07-18 11:34	3000	Other	NA	Electronic	1.72442	1.72505
EURNZD	05-07-18	13:32-15:30			1.72423	05-07-18 13:37	5000	Other	NA	Electronic	1.7236	1.72423
EURNZD	05-07-18	15:30-15:32	1.72309	1000								
EURNZD	06-07-18	09:32-11:30			1.71788	06-07-18 09:32	10000	Other	NA	Electronic	1.71724	1.71788
EURNZD	06-07-18	11:30-11:32	1.71797	8000								
EURNZD	06-07-18	13:30-13:32	1.72304	4000								
EURNZD	06-07-18	15:32-17:30			1.7196	06-07-18 15:42	10000	Other	NA	Electronic	1.71898	1.7196
EURNZD	09-07-18	09:32-11:30			1.71952	09-07-18 09:33	30000	Other	NA	Electronic	1.71952	1.72017
EURNZD	09-07-18	11:30-11:32	1.71943	2000								
EURNZD	09-07-18	13:30-13:32	1.7191	1000								
EURNZD	09-07-18	15:32-17:30			1.71814	09-07-18 15:32	7000	Other	NA	Electronic	1.7175	1.71814
EURNZD	10-07-18	09:30-09:32	1.7195	24000								
EURNZD	10-07-18	11:30-11:32	1.71878	10000								
EURNZD	10-07-18	13:30-13:32	1.71667	4000								
EURNZD	10-07-18	15:32-17:30			1.71564	10-07-18 15:42	50000	Other	NA	Electronic	1.71564	1.71628

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EURNZD	11-07-18	09:32-11:30			1.72238	11-07-18 09:37	1000	Other	NA	Electronic	1.72174	1.72239
EURNZD	11-07-18	11:30-11:32	1.72417	7000								
EURNZD	11-07-18	13:30-13:32	1.72923	2000								
EURNZD	11-07-18	15:32-17:30			1.72739	11-07-18 15:37	50000	Other	NA	Electronic	1.72739	1.72801
EURNZD	12-07-18	09:32-11:30			1.72711	12-07-18 09:32	1000	Other	NA	Electronic	1.72651	1.72711
EURNZD	12-07-18	11:30-11:32	1.72568	4000								
EURNZD	12-07-18	13:30-13:32	1.72414	3000								
EURNZD	12-07-18	15:30-15:32	1.72553	1000								
EURNZD	13-07-18	09:30-09:32	1.72621	1000								
EURNZD	13-07-18	11:32-13:30			1.72752	13-07-18 11:34	2000	Other	NA	Electronic	1.72752	1.72815
EURNZD	13-07-18	13:32-15:30			1.7269	13-07-18 13:32	10000	Other	NA	Electronic	1.7269	1.72753
EURNZD	13-07-18	15:30-15:32	1.72565	2000								
EURNZD	16-07-18	09:32-11:30			1.72581	16-07-18 09:38	1000	Other	NA	Electronic	1.72516	1.72581
EURNZD	16-07-18	11:32-13:30			1.72785	16-07-18 11:34	3000	Other	NA	Electronic	1.72725	1.72785
EURNZD	16-07-18	13:30-13:32	1.72588	3000								

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EURNZD	16-07-18	15:32-17:30			1.72972	16-07-18 15:32	7000	Other	NA	Electronic	1.72972	1.73036
EURNZD	17-07-18	09:30-09:32	1.71806	15000								
EURNZD	17-07-18	11:32-13:30			1.7186	17-07-18 11:37	2000	Other	NA	Electronic	1.7186	1.71924
EURNZD	17-07-18	13:30-13:32	1.7212	39000								
EURNZD	17-07-18	15:32-17:30			1.7196	17-07-18 15:32	1000	Other	NA	Electronic	1.7196	1.72023
EURNZD	18-07-18	09:30-09:32	1.71915	3000								
EURNZD	18-07-18	11:32-13:30			1.71759	18-07-18 11:33	10000	Other	NA	Electronic	1.71759	1.71822
EURNZD	18-07-18	13:30-13:32	1.716	80000								
EURNZD	18-07-18	15:32-17:30			1.71554	18-07-18 15:33	1000	Other	NA	Electronic	1.71554	1.71615
EURNZD	19-07-18	09:30-09:32	1.72269	9000								
EURNZD	19-07-18	11:30-11:32	1.72263	4000								
EURNZD	19-07-18	13:30-13:32	1.72365	20000								
EURNZD	19-07-18	15:30-15:32	1.72694	10000								
EURNZD	20-07-18	09:30-09:32	1.72201	10000								
EURNZD	20-07-18	11:32-13:30			1.72433	20-07-18 11:35	1000	Other	NA	Electronic	1.72368	1.72433

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EURNZD	20-07-18	13:32-15:30			1.72364	20-07-18 13:36	3000	Other	NA	Electronic	1.72302	1.72365
EURNZD	20-07-18	15:32-17:30			1.72146	20-07-18 15:33	10000	Other	NA	Electronic	1.72081	1.72143
EURNZD	23-07-18	09:30-09:32	1.7184	2000								
EURNZD	23-07-18	11:32-13:30			1.72036	23-07-18 11:35	50000	Other	NA	Electronic	1.72036	1.72098
EURNZD	23-07-18	13:30-13:32	1.72315	70000								
EURNZD	23-07-18	15:30-15:32	1.72577	237000								
EURNZD	24-07-18	09:30-09:32	1.7216	2000								
EURNZD	24-07-18	11:30-11:32	1.71976	1000								
EURNZD	24-07-18	13:32-15:30			1.71916	24-07-18 13:39	25000	Other	NA	Electronic	1.71851	1.71916
EURNZD	24-07-18	15:32-17:30			1.71848	24-07-18 15:40	30000	Other	NA	Electronic	1.71783	1.71848
EURNZD	25-07-18	09:30-09:32	1.71694	10000								
EURNZD	25-07-18	11:32-13:30			1.71815	25-07-18 11:38	1000	Other	NA	Electronic	1.71752	1.71815
EURNZD	25-07-18	13:32-15:30			1.71789	25-07-18 13:42	5000	Other	NA	Electronic	1.71789	1.71854
EURNZD	25-07-18	15:30-15:32	1.71502	222000								
EURNZD	26-07-18	09:32-11:30			1.71596	26-07-18 09:34	2000	Other	NA	Electronic	1.71596	1.71659

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EURNZD	26-07-18	11:30-11:32	1.71812	148000								
EURNZD	26-07-18	13:30-13:32	1.71714	1000								
EURNZD	26-07-18	15:30-15:32	1.71629	1000								
EURNZD	27-07-18	09:32-11:30			1.71793	27-07-18 09:56	5000	Other	NA	Electronic	1.71793	1.71858
EURNZD	27-07-18	11:32-13:30			1.7178	27-07-18 11:46	11000	Other	NA	Electronic	1.7178	1.71844
EURNZD	27-07-18	13:32-15:30			1.71676	27-07-18 13:37	50000	Other	NA	Electronic	1.71675	1.71739
EURNZD	27-07-18	15:32-17:30			1.71488	27-07-18 15:34	2000	Other	NA	Electronic	1.71424	1.71488
EURNZD	30-07-18	09:30-09:32	1.7167	4000								
EURNZD	30-07-18	11:32-13:30			1.71603	30-07-18 11:41	35000	Other	NA	Electronic	1.71603	1.71668
EURNZD	30-07-18	13:32-15:30			1.71664	30-07-18 13:49	3000	Other	NA	Electronic	1.71664	1.71724
EURNZD	30-07-18	15:32-17:30			1.71513	30-07-18 15:39	7000	Other	NA	Electronic	1.71453	1.71513
EURNZD	31-07-18	09:30-09:32	1.7198	65000								
EURNZD	31-07-18	11:30-11:32	1.72093	20000								
EURNZD	31-07-18	13:30-13:32	1.71953	3000								
EURNZD	31-07-18	15:32-17:30			1.71852	31-07-18 15:33	2000	Other	NA	Electronic	1.71789	1.71852

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	01-08-18	09:32-11:30			1.71879	01-08-18 09:36	50000	Other	NA	Electronic	1.71818	1.71879
EURNZD	01-08-18	11:32-13:30			1.71675	01-08-18 11:33	10000	Other	NA	Electronic	1.71614	1.71675
EURNZD	01-08-18	13:32-15:30			1.71707	01-08-18 13:33	10000	Other	NA	Electronic	1.71707	1.71772
EURNZD	01-08-18	15:32-17:30			1.71723	01-08-18 15:34	100000	Other	NA	Electronic	1.71723	1.71785
EURNZD	02-08-18	09:32-11:30			1.719	02-08-18 09:44	10000	Other	NA	Electronic	1.71899	1.71964
EURNZD	02-08-18	11:32-13:30			1.71882	02-08-18 11:35	1000	Other	NA	Electronic	1.71823	1.71883
EURNZD	02-08-18	13:32-15:30			1.72035	02-08-18 13:47	10000	Other	NA	Electronic	1.72034	1.72095
EURNZD	02-08-18	15:30-15:32	1.72055	10000								
EURNZD	03-08-18	09:32-11:30			1.71945	03-08-18 09:58	10000	Other	NA	Electronic	1.71945	1.72008
EURNZD	03-08-18	11:30-11:32	1.7165	1000								
EURNZD	03-08-18	13:32-15:30			1.71744	03-08-18 13:36	1000	Other	NA	Electronic	1.71678	1.71744
EURNZD	03-08-18	15:32-17:30			1.71568	03-08-18 16:35	1000	Other	NA	Electronic	1.71505	1.71568
EURNZD	06-08-18	09:32-11:30			1.71502	06-08-18 09:50	40000	Other	NA	Electronic	1.71502	1.71563
EURNZD	06-08-18	11:32-13:30			1.7152	06-08-18 11:36	25000	Other	NA	Electronic	1.71456	1.7152
EURNZD	06-08-18	13:30-13:32	1.71611	38000								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	06-08-18	15:32-17:30			1.7167	06-08-18 15:32	1000	Other	NA	Electronic	1.7167	1.71735
EURNZD	07-08-18	09:32-11:30			1.71723	07-08-18 10:35	2000	Other	NA	Electronic	1.71723	1.71787
EURNZD	07-08-18	11:32-13:30			1.71839	07-08-18 11:58	7000	Other	NA	Electronic	1.71779	1.71839
EURNZD	07-08-18	13:32-15:30			1.71988	07-08-18 13:33	1000	Other	NA	Electronic	1.71928	1.71988
EURNZD	07-08-18	15:32-17:30			1.72009	07-08-18 15:48	5000	Other	NA	Electronic	1.72009	1.72072
EURNZD	08-08-18	09:32-11:30			1.72078	08-08-18 09:32	1000	Other	NA	Electronic	1.72016	1.72078
EURNZD	08-08-18	11:32-13:30			1.72032	08-08-18 11:53	2000	Other	NA	Electronic	1.71968	1.72032
EURNZD	08-08-18	13:32-15:30			1.71987	08-08-18 13:42	10000	Other	NA	Electronic	1.71987	1.72056
EURNZD	08-08-18	15:32-17:30			1.7203	08-08-18 15:52	1000	Other	NA	Electronic	1.7203	1.72093
EURNZD	09-08-18	09:32-11:30			1.74217	09-08-18 10:04	15000	Other	NA	Electronic	1.74217	1.74278
EURNZD	09-08-18	11:30-11:32	1.7431	5000								
EURNZD	09-08-18	13:30-13:32	1.74519	4000								
EURNZD	09-08-18	15:32-17:30			1.74645	09-08-18 15:43	5000	Other	NA	Electronic	1.74645	1.74705
EURNZD	10-08-18	09:30-09:32	1.74001	1000								
EURNZD	10-08-18	11:30-11:32	1.7364	20000								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	10-08-18	13:32-15:30			1.73092	10-08-18 13:33	30000	Other	NA	Electronic	1.7303	1.73092
EURNZD	10-08-18	15:30-15:32	1.72795	1000								
EURNZD	13-08-18	09:32-11:30			1.73069	13-08-18 09:40	70000	Other	NA	Electronic	1.73006	1.73069
EURNZD	13-08-18	11:32-13:30			1.73075	13-08-18 11:44	1000	Other	NA	Electronic	1.73076	1.73139
EURNZD	13-08-18	13:32-15:30			1.73379	13-08-18 13:39	10000	Other	NA	Electronic	1.73379	1.73442
EURNZD	13-08-18	15:32-17:30			1.73072	13-08-18 15:55	70000	Other	NA	Electronic	1.73068	1.73133
EURNZD	14-08-18	09:32-11:30			1.72929	14-08-18 09:39	5000	Other	NA	Electronic	1.72869	1.72929
EURNZD	14-08-18	11:32-13:30			1.72833	14-08-18 11:33	2000	Other	NA	Electronic	1.72833	1.72899
EURNZD	14-08-18	13:30-13:32	1.72526	2000								
EURNZD	14-08-18	15:32-17:30			1.72412	14-08-18 15:41	1000	Other	NA	Electronic	1.72347	1.72412
EURNZD	15-08-18	09:32-11:30			1.72741	15-08-18 09:55	1000	Other	NA	Electronic	1.72741	1.72806
EURNZD	15-08-18	11:32-13:30			1.72663	15-08-18 11:45	2000	Other	NA	Electronic	1.72663	1.72727
EURNZD	15-08-18	13:32-15:30			1.72446	15-08-18 13:36	2000	Other	NA	Electronic	1.72386	1.72446
EURNZD	15-08-18	15:32-17:30			1.72744	15-08-18 15:32	2000	Other	NA	Electronic	1.72744	1.72804
EURNZD	16-08-18	09:32-11:30			1.72751	16-08-18 09:36	3000	Other	NA	Electronic	1.72686	1.72751

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	16-08-18	11:32-13:30			1.72688	16-08-18 11:44	1000	Other	NA	Electronic	1.72688	1.72748
EURNZD	16-08-18	13:32-15:30			1.72478	16-08-18 13:35	1000	Other	NA	Electronic	1.7241	1.72478
EURNZD	16-08-18	15:32-17:30			1.72682	16-08-18 15:54	50000	Other	NA	Electronic	1.72617	1.72682
EURNZD	17-08-18	09:32-11:30			1.72508	17-08-18 10:14	50000	Other	NA	Electronic	1.72444	1.72508
EURNZD	17-08-18	11:32-13:30			1.72582	17-08-18 11:34	10000	Other	NA	Electronic	1.72518	1.72582
EURNZD	17-08-18	13:32-15:30			1.72621	17-08-18 13:52	3000	Other	NA	Electronic	1.72621	1.72684
EURNZD	17-08-18	15:32-17:30			1.72714	17-08-18 15:56	2000	Other	NA	Electronic	1.72654	1.72714
EURNZD	20-08-18	09:32-11:30			1.72393	20-08-18 10:03	1000	Other	NA	Electronic	1.72393	1.72457
EURNZD	20-08-18	11:30-11:32	1.72554	5000								
EURNZD	20-08-18	13:32-15:30			1.72634	20-08-18 13:43	2000	Other	NA	Electronic	1.7257	1.72634
EURNZD	20-08-18	15:30-15:32	1.72794	5000								
EURNZD	21-08-18	09:32-11:30			1.72834	21-08-18 09:39	4000	Other	NA	Electronic	1.72771	1.72834
EURNZD	21-08-18	11:32-13:30			1.72769	21-08-18 12:18	2000	Other	NA	Electronic	1.72705	1.72769
EURNZD	21-08-18	13:32-15:30			1.72619	21-08-18 13:34	10000	Other	NA	Electronic	1.72619	1.72684
EURNZD	21-08-18	15:32-17:30			1.7264	21-08-18 15:37	1000	Other	NA	Electronic	1.7264	1.72704

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	22-08-18	09:32-11:30			1.73159	22-08-18 09:45	3000	Other	NA	Electronic	1.73094	1.73159
EURNZD	22-08-18	11:32-13:30			1.73153	22-08-18 11:50	1000	Other	NA	Electronic	1.7309	1.73153
EURNZD	22-08-18	13:30-13:32	1.73133	50000								
EURNZD	22-08-18	15:32-17:30			1.73053	22-08-18 15:45	1000	Other	NA	Electronic	1.73058	1.73123
EURNZD	23-08-18	09:32-11:30			1.73267	23-08-18 09:32	3000	Other	NA	Electronic	1.73207	1.73267
EURNZD	23-08-18	11:32-13:30			1.73532	23-08-18 11:32	5000	Other	NA	Electronic	1.73466	1.73532
EURNZD	23-08-18	13:32-15:30			1.73552	23-08-18 13:32	1000	Other	NA	Electronic	1.73552	1.73617
EURNZD	23-08-18	15:30-15:32	1.73953	22000								
EURNZD	24-08-18	09:32-11:30			1.74066	24-08-18 09:40	1000	Other	NA	Electronic	1.74066	1.74132
EURNZD	24-08-18	11:32-13:30			1.73784	24-08-18 11:34	4000	Other	NA	Electronic	1.7372	1.73784
EURNZD	24-08-18	13:32-15:30			1.7398	24-08-18 13:37	20000	Other	NA	Electronic	1.73916	1.7398
EURNZD	24-08-18	15:30-15:32	1.73819	1000								
EURNZD	27-08-18	09:32-11:30			1.741	27-08-18 09:41	2000	Other	NA	Electronic	1.741	1.7416
EURNZD	27-08-18	11:30-11:32	1.73994	2000								
EURNZD	27-08-18	13:30-13:32	1.74237	10000								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	27-08-18	15:32-17:30			1.7441	27-08-18 15:33	1000	Other	NA	Electronic	1.74345	1.7441
EURNZD	28-08-18	09:32-11:30			1.7432	28-08-18 09:58	2000	Other	NA	Electronic	1.74319	1.74383
EURNZD	28-08-18	11:30-11:32	1.74378	20000								
EURNZD	28-08-18	13:32-15:30			1.74524	28-08-18 13:36	2000	Other	NA	Electronic	1.74464	1.74524
EURNZD	28-08-18	15:32-17:30			1.74399	28-08-18 16:12	4000	Other	NA	Electronic	1.74335	1.74399
EURNZD	29-08-18	09:32-11:30			1.73909	29-08-18 09:36	5000	Other	NA	Electronic	1.73849	1.73909
EURNZD	29-08-18	11:32-13:30			1.74112	29-08-18 11:33	2000	Other	NA	Electronic	1.74049	1.74112
EURNZD	29-08-18	13:32-15:30			1.74384	29-08-18 13:37	2000	Other	NA	Electronic	1.74318	1.74384
EURNZD	29-08-18	15:32-17:30			1.7458	29-08-18 15:39	1000	Other	NA	Electronic	1.7458	1.7464
EURNZD	30-08-18	09:32-11:30			1.75435	30-08-18 10:00	2000	Other	NA	Electronic	1.75435	1.75498
EURNZD	30-08-18	11:32-13:30			1.75431	30-08-18 11:41	1000	Other	NA	Electronic	1.75431	1.75495
EURNZD	30-08-18	13:32-15:30			1.7513	30-08-18 13:33	1000	Other	NA	Electronic	1.7513	1.75194
EURNZD	30-08-18	15:32-17:30			1.75404	30-08-18 15:39	1000	Other	NA	Electronic	1.75344	1.75404
EURNZD	31-08-18	09:32-11:30			1.75662	31-08-18 09:32	30000	Other	NA	Electronic	1.75662	1.75726
EURNZD	31-08-18	11:32-13:30			1.75562	31-08-18 11:39	1000	Other	NA	Electronic	1.75562	1.75626

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	31-08-18	13:32-15:30			1.75437	31-08-18 13:36	1000	Other	NA	Electronic	1.75373	1.75437
EURNZD	31-08-18	15:32-17:30			1.75357	31-08-18 15:38	2000	Other	NA	Electronic	1.75297	1.75357
EURNZD	03-09-18	09:30-09:32	1.7545	40000								
EURNZD	03-09-18	11:32-13:30			1.75739	03-09-18 11:41	5000	Other	NA	Electronic	1.75739	1.75804
EURNZD	03-09-18	13:32-15:30			1.75705	03-09-18 13:34	1000	Other	NA	Electronic	1.75705	1.75769
EURNZD	03-09-18	15:32-17:30			1.7596	03-09-18 15:33	1000	Other	NA	Electronic	1.75892	1.7596
EURNZD	04-09-18	09:32-11:30			1.76617	04-09-18 09:49	2000	Other	NA	Electronic	1.76552	1.76617
EURNZD	04-09-18	11:32-13:30			1.76323	04-09-18 11:37	1000	Other	NA	Electronic	1.76323	1.76388
EURNZD	04-09-18	13:32-15:30			1.76355	04-09-18 13:36	10000	Other	NA	Electronic	1.76355	1.76419
EURNZD	04-09-18	15:30-15:32	1.76626	5000								
EURNZD	05-09-18	09:32-11:30			1.76471	05-09-18 10:00	1000	Other	NA	Electronic	1.76408	1.76471
EURNZD	05-09-18	11:32-13:30			1.76494	05-09-18 11:42	1000	Other	NA	Electronic	1.76429	1.76494
EURNZD	05-09-18	13:30-13:32	1.76812	1000								
EURNZD	05-09-18	15:32-17:30			1.76546	05-09-18 15:47	10000	Other	NA	Electronic	1.76546	1.76613
EURNZD	06-09-18	09:30-09:32	1.76255	20000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	06-09-18	11:32-13:30			1.76329	06-09-18 11:33	2000	Other	NA	Electronic	1.76266	1.76329
EURNZD	06-09-18	13:32-15:30			1.76669	06-09-18 13:59	1000	Other	NA	Electronic	1.76497	1.76669
EURNZD	06-09-18	15:32-17:30			1.7611	06-09-18 15:34	25000	Other	NA	Electronic	1.7611	1.76174
EURNZD	07-09-18	09:32-11:30			1.76963	07-09-18 09:35	3000	Other	NA	Electronic	1.76963	1.77024
EURNZD	07-09-18	11:30-11:32	1.76481	2000								
EURNZD	07-09-18	13:32-15:30			1.76554	07-09-18 13:36	2000	Other	NA	Electronic	1.76554	1.76614
EURNZD	07-09-18	15:32-17:30			1.76631	07-09-18 15:40	10000	Other	NA	Electronic	1.76631	1.76695
EURNZD	10-09-18	09:32-11:30			1.77169	10-09-18 09:33	1000	Other	NA	Electronic	1.77107	1.77169
EURNZD	10-09-18	11:32-13:30			1.77154	10-09-18 11:44	5000	Other	NA	Electronic	1.77092	1.77154
EURNZD	10-09-18	13:32-15:30			1.77284	10-09-18 13:39	2000	Other	NA	Electronic	1.77284	1.77357
EURNZD	10-09-18	15:32-17:30			1.77499	10-09-18 15:34	2000	Other	NA	Electronic	1.77438	1.77499
EURNZD	11-09-18	09:32-11:30			1.77914	11-09-18 10:22	10000	Other	NA	Electronic	1.77847	1.77912
EURNZD	11-09-18	11:32-13:30			1.77811	11-09-18 11:34	1000	Other	NA	Electronic	1.77811	1.77871
EURNZD	11-09-18	13:32-15:30			1.782	11-09-18 14:16	1000	Other	NA	Electronic	1.7814	1.782
EURNZD	11-09-18	15:32-17:30			1.78087	11-09-18 15:47	1000	Other	NA	Electronic	1.78021	1.78087

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	12-09-18	09:32-11:30			1.7777	12-09-18 09:34	5000	Other	NA	Electronic	1.7777	1.7783
EURNZD	12-09-18	11:32-13:30			1.77705	12-09-18 12:07	5000	Other	NA	Electronic	1.77705	1.77771
EURNZD	12-09-18	13:32-15:30			1.77676	12-09-18 14:00	10000	Other	NA	Electronic	1.77676	1.77736
EURNZD	12-09-18	15:32-17:30			1.775	12-09-18 15:32	10000	Other	NA	Electronic	1.77436	1.775
EURNZD	13-09-18	09:30-09:32	1.77326	2000								
EURNZD	13-09-18	11:30-11:32	1.77485	4000								
EURNZD	13-09-18	13:32-15:30			1.77613	13-09-18 13:32	20000	Other	NA	Electronic	1.77553	1.77613
EURNZD	13-09-18	15:30-15:32	1.77969	50000								
EURNZD	14-09-18	09:32-11:30			1.77712	14-09-18 09:36	20000	Other	NA	Electronic	1.77712	1.77777
EURNZD	14-09-18	11:32-13:30			1.77879	14-09-18 11:36	80000	Other	NA	Electronic	1.77819	1.77879
EURNZD	14-09-18	13:32-15:30			1.77703	14-09-18 14:10	1000	Other	NA	Electronic	1.7764	1.77703
EURNZD	14-09-18	15:32-17:30			1.77607	14-09-18 15:33	20000	Other	NA	Electronic	1.77546	1.77607
EURNZD	17-09-18	09:30-09:32	1.77385	2000								
EURNZD	17-09-18	11:32-13:30			1.77562	17-09-18 11:35	20000	Other	NA	Electronic	1.775	1.77562
EURNZD	17-09-18	13:32-15:30			1.77527	17-09-18 14:03	3000	Other	NA	Electronic	1.77527	1.7759

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	17-09-18	15:32-17:30			1.77444	17-09-18 15:57	1000	Other	NA	Electronic	1.77444	1.77504
EURNZD	18-09-18	09:32-11:30			1.7711	18-09-18 09:47	1000	Other	NA	Electronic	1.77044	1.7711
EURNZD	18-09-18	11:32-13:30			1.77401	18-09-18 11:38	2000	Other	NA	Electronic	1.77337	1.77401
EURNZD	18-09-18	13:32-15:30			1.77771	18-09-18 13:52	4000	Other	NA	Electronic	1.77705	1.77771
EURNZD	18-09-18	15:32-17:30			1.77415	18-09-18 15:39	20000	Other	NA	Electronic	1.77415	1.7748
EURNZD	19-09-18	09:32-11:30			1.76935	19-09-18 09:35	1000	Other	NA	Electronic	1.76935	1.76995
EURNZD	19-09-18	11:32-13:30			1.76857	19-09-18 11:49	3000	Other	NA	Electronic	1.76764	1.76824
EURNZD	19-09-18	13:32-15:30			1.76657	19-09-18 13:40	100000	Other	NA	Electronic	1.76657	1.76717
EURNZD	19-09-18	15:32-17:30			1.76513	19-09-18 15:37	6000	Other	NA	Electronic	1.76513	1.76573
EURNZD	20-09-18	09:32-11:30			1.75691	20-09-18 09:41	2000	Other	NA	Electronic	1.75691	1.75757
EURNZD	20-09-18	11:32-13:30			1.75997	20-09-18 11:32	1000	Other	NA	Electronic	1.75997	1.76061
EURNZD	20-09-18	13:30-13:32	1.7625	4000								
EURNZD	20-09-18	15:32-17:30			1.75981	20-09-18 15:36	20000	Other	NA	Electronic	1.75918	1.75981
EURNZD	21-09-18	09:30-09:32	1.759	4000								
EURNZD	21-09-18	11:32-13:30			1.76101	21-09-18 11:43	2000	Other	NA	Electronic	1.76037	1.76101



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	21-09-18	13:32-15:30			1.75852	21-09-18 13:39	2000	Other	NA	Electronic	1.75852	1.75915
EURNZD	21-09-18	15:32-17:30			1.75856	21-09-18 15:37	1000	Other	NA	Electronic	1.75796	1.75856
EURNZD	24-09-18	09:32-11:30			1.76534	24-09-18 09:33	22000	Other	NA	Electronic	1.76534	1.76598
EURNZD	24-09-18	11:30-11:32	1.76321	2000								
EURNZD	24-09-18	13:32-15:30			1.77005	24-09-18 13:34	15000	Other	NA	Electronic	1.77005	1.77069
EURNZD	24-09-18	15:32-17:30			1.77126	24-09-18 15:33	1000	Other	NA	Electronic	1.77126	1.77186
EURNZD	25-09-18	09:32-11:30			1.76997	25-09-18 09:38	3000	Other	NA	Electronic	1.76997	1.77057
EURNZD	25-09-18	11:32-13:30			1.77163	25-09-18 11:34	5000	Other	NA	Electronic	1.77163	1.77223
EURNZD	25-09-18	13:32-15:30			1.77172	25-09-18 14:00	1000	Other	NA	Electronic	1.76974	1.77172
EURNZD	25-09-18	15:32-17:30			1.76982	25-09-18 15:37	10000	Other	NA	Electronic	1.76982	1.77046
EURNZD	26-09-18	09:32-11:30			1.76822	26-09-18 09:34	1000	Other	NA	Electronic	1.76756	1.76822
EURNZD	26-09-18	11:32-13:30			1.76588	26-09-18 11:48	2000	Other	NA	Electronic	1.76524	1.76588
EURNZD	26-09-18	13:32-15:30			1.76501	26-09-18 13:45	10000	Other	NA	Electronic	1.76501	1.76561
EURNZD	26-09-18	15:32-17:30			1.76597	26-09-18 15:57	2000	Other	NA	Electronic	1.76597	1.76662
EURNZD	27-09-18	09:32-11:30			1.76389	27-09-18 09:45	3000	Other	NA	Electronic	1.7639	1.76453

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD	27-09-18	11:32-13:30			1.76212	27-09-18 11:32	1000	Other	NA	Electronic	1.76212	1.76272
EURNZD	27-09-18	13:32-15:30			1.76153	27-09-18 13:36	3000	Other	NA	Electronic	1.76093	1.76153
EURNZD	27-09-18	15:32-17:30			1.76184	27-09-18 15:32	5000	Other	NA	Electronic	1.76124	1.76184
EURNZD	28-09-18	09:32-11:30			1.75492	28-09-18 09:55	10000	Other	NA	Electronic	1.75432	1.75494
EURNZD	28-09-18	11:32-13:30			1.75203	28-09-18 11:39	2000	Other	NA	Electronic	1.75142	1.75203
EURNZD	28-09-18	13:32-15:30			1.75188	28-09-18 13:41	2000	Other	NA	Electronic	1.75188	1.7525
EURNZD	28-09-18	15:32-17:30			1.7505	28-09-18 15:42	100000	Other	NA	Electronic	1.7505	1.75112
EURNZD.	02-07-18	09:32-11:30			1.7268	02-07-18 09:34	1000	Other	NA	Electronic	1.72659	1.72678
EURNZD.	02-07-18	11:30-11:32	1.72914	10000								
EURNZD.	02-07-18	13:32-15:30			1.73109	02-07-18 13:48	1000	Other	NA	Electronic	1.7309	1.7311
EURNZD.	02-07-18	15:32-17:30			1.73222	02-07-18 15:32	50000	Other	NA	Electronic	1.73203	1.73222
EURNZD.	03-07-18	09:30-09:32	1.72993	5000								
EURNZD.	03-07-18	11:32-13:30			1.73061	03-07-18 11:35	50000	Other	NA	Electronic	1.73061	1.73083
EURNZD.	03-07-18	13:32-15:30			1.7298	03-07-18 14:28	3000	Other	NA	Electronic	1.72962	1.7298
EURNZD.	03-07-18	15:32-17:30			1.72648	03-07-18 15:38	30000	Other	NA	Electronic	1.72648	1.72663

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	04-07-18	09:32-11:30			1.72016	04-07-18 09:34	1000	Other	NA	Electronic	1.72016	1.72031
EURNZD.	04-07-18	11:32-13:30			1.72198	04-07-18 11:39	1000	Other	NA	Electronic	1.72176	1.72198
EURNZD.	04-07-18	13:32-15:30			1.72192	04-07-18 14:28	1000	Other	NA	Electronic	1.72192	1.72216
EURNZD.	04-07-18	15:32-17:30			1.72126	04-07-18 16:05	1000	Other	NA	Electronic	1.72105	1.72126
EURNZD.	05-07-18	09:32-11:30			1.72359	05-07-18 09:34	3000	Other	NA	Electronic	1.72338	1.72359
EURNZD.	05-07-18	11:32-13:30			1.72506	05-07-18 12:03	19000	Other	NA	Electronic	1.72485	1.72506
EURNZD.	05-07-18	13:30-13:32	1.72445	20000								
EURNZD.	05-07-18	15:32-17:30			1.72213	05-07-18 15:41	5000	Other	NA	Electronic	1.72192	1.72213
EURNZD.	06-07-18	09:32-11:30			1.71825	06-07-18 09:36	1000	Other	NA	Electronic	1.71804	1.71825
EURNZD.	06-07-18	11:32-13:30			1.71753	06-07-18 11:42	1000	Other	NA	Electronic	1.71733	1.71753
EURNZD.	06-07-18	13:32-15:30			1.72148	06-07-18 13:43	14000	Other	NA	Electronic	1.72148	1.72167
EURNZD.	06-07-18	15:32-17:30			1.719	06-07-18 15:50	1000	Other	NA	Electronic	1.7188	1.719
EURNZD.	09-07-18	09:32-11:30			1.71933	09-07-18 09:43	13000	Other	NA	Electronic	1.71933	1.71953
EURNZD.	09-07-18	11:32-13:30			1.71937	09-07-18 11:32	1000	Other	NA	Electronic	1.71937	1.71954
EURNZD.	09-07-18	13:32-15:30			1.71937	09-07-18 13:41	10000	Other	NA	Electronic	1.71937	1.71958

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	09-07-18	15:32-17:30			1.71709	09-07-18 15:46	1000	Other	NA	Electronic	1.71691	1.71711
EURNZD.	10-07-18	09:32-11:30			1.71878	10-07-18 10:22	50000	Other	NA	Electronic	1.71859	1.71878
EURNZD.	10-07-18	11:32-13:30			1.71938	10-07-18 11:43	1000	Other	NA	Electronic	1.71938	1.71958
EURNZD.	10-07-18	13:32-15:30			1.7157	10-07-18 13:54	2000	Other	NA	Electronic	1.71557	1.7157
EURNZD.	10-07-18	15:30-15:32	1.71644	3000								
EURNZD.	11-07-18	09:32-11:30			1.7236	11-07-18 09:46	2000	Other	NA	Electronic	1.7234	1.72357
EURNZD.	11-07-18	11:32-13:30			1.72436	11-07-18 11:32	23000	Other	NA	Electronic	1.72436	1.72456
EURNZD.	11-07-18	13:32-15:30			1.72886	11-07-18 13:41	5000	Other	NA	Electronic	1.72886	1.72904
EURNZD.	11-07-18	15:32-17:30			1.72695	11-07-18 16:49	2000	Other	NA	Electronic	1.72673	1.72692
EURNZD.	12-07-18	09:32-11:30			1.72702	12-07-18 10:29	10000	Other	NA	Electronic	1.72702	1.72722
EURNZD.	12-07-18	11:32-13:30			1.72512	12-07-18 11:40	1000	Other	NA	Electronic	1.72498	1.72512
EURNZD.	12-07-18	13:32-15:30			1.72396	12-07-18 13:57	25000	Other	NA	Electronic	1.72384	1.72399
EURNZD.	12-07-18	15:32-17:30			1.72485	12-07-18 15:55	5000	Other	NA	Electronic	1.72464	1.72485
EURNZD.	13-07-18	09:32-11:30			1.72573	13-07-18 09:47	23000	Other	NA	Electronic	1.72553	1.72573
EURNZD.	13-07-18	11:30-11:32	1.72729	6000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	13-07-18	13:32-15:30			1.72834	13-07-18 13:45	5000	Other	NA	Electronic	1.72834	1.72854
EURNZD.	13-07-18	15:32-17:30			1.72589	13-07-18 15:48	2000	Other	NA	Electronic	1.72589	1.72612
EURNZD.	16-07-18	09:32-11:30			1.72564	16-07-18 09:40	2000	Other	NA	Electronic	1.72542	1.72564
EURNZD.	16-07-18	11:32-13:30			1.72723	16-07-18 11:40	11000	Other	NA	Electronic	1.72723	1.72743
EURNZD.	16-07-18	13:32-15:30			1.72733	16-07-18 14:24	11000	Other	NA	Electronic	1.72733	1.72752
EURNZD.	16-07-18	15:32-17:30			1.72932	16-07-18 15:51	11000	Other	NA	Electronic	1.72932	1.7295
EURNZD.	17-07-18	09:32-11:30			1.71932	17-07-18 10:48	10000	Other	NA	Electronic	1.71913	1.71933
EURNZD.	17-07-18	11:32-13:30			1.71901	17-07-18 11:32	4000	Other	NA	Electronic	1.71901	1.71918
EURNZD.	17-07-18	13:32-15:30			1.72211	17-07-18 13:54	4000	Other	NA	Electronic	1.72211	1.72232
EURNZD.	17-07-18	15:32-17:30			1.71934	17-07-18 15:39	1000	Other	NA	Electronic	1.71934	1.71954
EURNZD.	18-07-18	09:30-09:32	1.71951	1000								
EURNZD.	18-07-18	11:32-13:30			1.71792	18-07-18 11:36	5000	Other	NA	Electronic	1.71792	1.7181
EURNZD.	18-07-18	13:32-15:30			1.71747	18-07-18 14:22	1000	Other	NA	Electronic	1.71747	1.71768
EURNZD.	18-07-18	15:32-17:30			1.71542	18-07-18 15:47	5000	Other	NA	Electronic	1.71525	1.71542
EURNZD.	19-07-18	09:32-11:30			1.72242	19-07-18 09:33	10000	Other	NA	Electronic	1.72242	1.72263

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	19-07-18	11:32-13:30			1.72281	19-07-18 11:37	1000	Other	NA	Electronic	1.72281	1.72298
EURNZD.	19-07-18	13:32-15:30			1.72463	19-07-18 13:33	1000	Other	NA	Electronic	1.72462	1.72481
EURNZD.	19-07-18	15:32-17:30			1.7278	19-07-18 16:29	5000	Other	NA	Electronic	1.7278	1.72801
EURNZD.	20-07-18	09:32-11:30			1.72337	20-07-18 09:54	201000	Other	NA	Electronic	1.72313	1.72333
EURNZD.	20-07-18	11:32-13:30			1.72449	20-07-18 11:42	10000	Other	NA	Electronic	1.72429	1.72449
EURNZD.	20-07-18	13:32-15:30			1.72242	20-07-18 13:40	1000	Other	NA	Electronic	1.72222	1.72242
EURNZD.	20-07-18	15:32-17:30			1.72122	20-07-18 15:36	1000	Other	NA	Electronic	1.72122	1.72144
EURNZD.	23-07-18	09:32-11:30			1.71804	23-07-18 09:43	1000	Other	NA	Electronic	1.71804	1.71821
EURNZD.	23-07-18	11:32-13:30			1.72018	23-07-18 11:42	10000	Other	NA	Electronic	1.72018	1.72039
EURNZD.	23-07-18	13:32-15:30			1.72473	23-07-18 14:14	10000	Other	NA	Electronic	1.72473	1.72494
EURNZD.	23-07-18	15:30-15:32	1.72556	1000								
EURNZD.	24-07-18	09:32-11:30			1.72144	24-07-18 09:42	5000	Other	NA	Electronic	1.72131	1.72151
EURNZD.	24-07-18	11:32-13:30			1.71971	24-07-18 12:00	1000	Other	NA	Electronic	1.71952	1.71971
EURNZD.	24-07-18	13:32-15:30			1.71855	24-07-18 14:01	5000	Other	NA	Electronic	1.71835	1.71855
EURNZD.	24-07-18	15:32-17:30			1.7176	24-07-18 16:00	10000	Other	NA	Electronic	1.7176	1.7178

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EURNZD.	25-07-18	09:32-11:30			1.71683	25-07-18 10:04	101000	Other	NA	Electronic	1.71683	1.71703
EURNZD.	25-07-18	11:32-13:30			1.71773	25-07-18 13:00	1000	Other	NA	Electronic	1.71755	1.71773
EURNZD.	25-07-18	13:32-15:30			1.71741	25-07-18 13:59	2000	Other	NA	Electronic	1.71719	1.71741
EURNZD.	25-07-18	15:32-17:30			1.71538	25-07-18 15:35	4000	Other	NA	Electronic	1.71517	1.71538
EURNZD.	26-07-18	09:32-11:30			1.71605	26-07-18 11:01	101000	Other	NA	Electronic	1.71605	1.71625
EURNZD.	26-07-18	11:30-11:32	1.71777	7000								
EURNZD.	26-07-18	13:32-15:30			1.7166	26-07-18 13:32	1000	Other	NA	Electronic	1.7166	1.71682
EURNZD.	27-07-18	11:32-13:30			1.71756	27-07-18 12:15	1000	Other	NA	Electronic	1.71756	1.71776
EURNZD.	27-07-18	13:32-15:30			1.71691	27-07-18 13:47	1000	Other	NA	Electronic	1.71691	1.71711
EURNZD.	27-07-18	15:32-17:30			1.71376	27-07-18 16:16	2000	Other	NA	Electronic	1.71385	1.71413
EURNZD.	30-07-18	09:32-11:30			1.71617	30-07-18 10:08	3000	Other	NA	Electronic	1.71617	1.71637
EURNZD.	30-07-18	11:32-13:30			1.71584	30-07-18 11:56	2000	Other	NA	Electronic	1.71584	1.71607
EURNZD.	30-07-18	13:32-15:30			1.71581	30-07-18 14:06	3000	Other	NA	Electronic	1.71561	1.71581
EURNZD.	30-07-18	15:32-17:30			1.71573	30-07-18 15:50	250000	Other	NA	Electronic	1.71573	1.71593
EURNZD.	31-07-18	09:32-11:30			1.71963	31-07-18 09:44	5000	Other	NA	Electronic	1.71961	1.7198

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	31-07-18	11:32-13:30			1.72144	31-07-18 11:53	5000	Other	NA	Electronic	1.72144	1.72158
EURNZD.	31-07-18	13:32-15:30			1.71832	31-07-18 13:51	5000	Other	NA	Electronic	1.71812	1.71832
EURNZD.	31-07-18	15:32-17:30			1.71828	31-07-18 15:57	30000	Other	NA	Electronic	1.71828	1.71847
EURNZD.	01-08-18	09:32-11:30			1.71812	01-08-18 09:41	5000	Other	NA	Electronic	1.71812	1.71832
EURNZD.	01-08-18	11:32-13:30			1.71719	01-08-18 11:42	1000	Other	NA	Electronic	1.71698	1.71719
EURNZD.	01-08-18	13:32-15:30			1.71661	01-08-18 14:21	2000	Other	NA	Electronic	1.71662	1.71682
EURNZD.	02-08-18	09:32-11:30			1.71994	02-08-18 10:00	5000	Other	NA	Electronic	1.71994	1.72013
EURNZD.	02-08-18	11:32-13:30			1.71966	02-08-18 13:21	5000	Other	NA	Electronic	1.71948	1.71966
EURNZD.	02-08-18	13:32-15:30			1.72089	02-08-18 14:04	10000	Other	NA	Electronic	1.72086	1.72107
EURNZD.	02-08-18	15:32-17:30			1.71902	02-08-18 16:48	10000	Other	NA	Electronic	1.7188	1.71902
EURNZD.	03-08-18	09:32-11:30			1.71937	03-08-18 10:05	1000	Other	NA	Electronic	1.71937	1.71956
EURNZD.	03-08-18	11:32-13:30			1.71605	03-08-18 11:36	4000	Other	NA	Electronic	1.71589	1.71605
EURNZD.	03-08-18	15:32-17:30			1.71571	03-08-18 16:19	1000	Other	NA	Electronic	1.71571	1.7159
EURNZD.	06-08-18	09:32-11:30			1.71448	06-08-18 10:26	30000	Other	NA	Electronic	1.71428	1.71448
EURNZD.	06-08-18	11:32-13:30			1.71445	06-08-18 11:32	30000	Other	NA	Electronic	1.71445	1.71467



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	06-08-18	13:32-15:30			1.71611	06-08-18 13:46	1000	Other	NA	Electronic	1.71591	1.71611
EURNZD.	06-08-18	15:32-17:30			1.71678	06-08-18 15:35	6000	Other	NA	Electronic	1.71678	1.71699
EURNZD.	07-08-18	09:32-11:30			1.718	07-08-18 11:29	50000	Other	NA	Electronic	1.71787	1.718
EURNZD.	07-08-18	11:32-13:30			1.71928	07-08-18 13:12	21000	Other	NA	Electronic	1.71928	1.71948
EURNZD.	07-08-18	13:32-15:30			1.72146	07-08-18 14:54	1000	Other	NA	Electronic	1.72146	1.72167
EURNZD.	07-08-18	15:32-17:30			1.72017	07-08-18 16:12	1000	Other	NA	Electronic	1.72003	1.72017
EURNZD.	08-08-18	09:32-11:30			1.72001	08-08-18 09:36	3000	Other	NA	Electronic	1.72001	1.72011
EURNZD.	08-08-18	11:32-13:30			1.72157	08-08-18 12:47	32000	Other	NA	Electronic	1.72157	1.72175
EURNZD.	08-08-18	13:32-15:30			1.72139	08-08-18 14:05	2000	Other	NA	Electronic	1.72681	1.72833
EURNZD.	08-08-18	15:32-17:30			1.72043	08-08-18 15:59	3000	Other	NA	Electronic	1.72025	1.72043
EURNZD.	09-08-18	09:32-11:30			1.74292	09-08-18 09:48	1000	Other	NA	Electronic	1.74292	1.74306
EURNZD.	09-08-18	11:32-13:30			1.74292	09-08-18 11:39	10000	Other	NA	Electronic	1.74292	1.74316
EURNZD.	09-08-18	13:32-15:30			1.74602	09-08-18 13:35	2000	Other	NA	Electronic	1.74583	1.74602
EURNZD.	09-08-18	15:32-17:30			1.74648	09-08-18 15:46	1000	Other	NA	Electronic	1.74648	1.74667
EURNZD.	10-08-18	09:32-11:30			1.73922	10-08-18 09:56	1000	Other	NA	Electronic	1.73922	1.73942

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	10-08-18	11:32-13:30			1.73588	10-08-18 11:33	3000	Other	NA	Electronic	1.73588	1.73608
EURNZD.	10-08-18	13:32-15:30			1.73137	10-08-18 13:32	1000	Other	NA	Electronic	1.73122	1.73137
EURNZD.	10-08-18	15:32-17:30			1.72855	10-08-18 15:49	3000	Other	NA	Electronic	1.7284	1.72855
EURNZD.	13-08-18	11:32-13:30			1.73069	13-08-18 11:33	5000	Other	NA	Electronic	1.73047	1.73069
EURNZD.	13-08-18	13:32-15:30			1.73164	13-08-18 15:00	14000	Other	NA	Electronic	1.73164	1.73185
EURNZD.	14-08-18	09:32-11:30			1.72928	14-08-18 10:10	2000	Other	NA	Electronic	1.72928	1.72948
EURNZD.	14-08-18	11:32-13:30			1.72783	14-08-18 12:09	1000	Other	NA	Electronic	1.72769	1.72783
EURNZD.	14-08-18	13:32-15:30			1.72531	14-08-18 13:43	5000	Other	NA	Electronic	1.7251	1.72531
EURNZD.	14-08-18	15:32-17:30			1.72366	14-08-18 15:38	2000	Other	NA	Electronic	1.72346	1.72366
EURNZD.	15-08-18	09:32-11:30			1.72766	15-08-18 10:24	10000	Other	NA	Electronic	1.72766	1.72791
EURNZD.	15-08-18	11:32-13:30			1.72614	15-08-18 12:09	250000	Other	NA	Electronic	1.72594	1.72614
EURNZD.	15-08-18	13:32-15:30			1.72546	15-08-18 13:45	2000	Other	NA	Electronic	1.72536	1.72546
EURNZD.	15-08-18	15:32-17:30			1.72856	15-08-18 15:43	250000	Other	NA	Electronic	1.72856	1.72875
EURNZD.	16-08-18	09:32-11:30			1.72658	16-08-18 10:04	2000	Other	NA	Electronic	1.72658	1.72679
EURNZD.	16-08-18	11:32-13:30			1.72407	16-08-18 12:55	10000	Other	NA	Electronic	1.72407	1.72431

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	16-08-18	13:32-15:30			1.72512	16-08-18 13:40	5000	Other	NA	Electronic	1.72512	1.72525
EURNZD.	17-08-18	11:32-13:30			1.72468	17-08-18 12:25	2000	Other	NA	Electronic	1.72449	1.72468
EURNZD.	17-08-18	13:32-15:30			1.72675	17-08-18 13:46	10000	Other	NA	Electronic	1.72675	1.72686
EURNZD.	17-08-18	15:32-17:30			1.72679	17-08-18 16:40	5000	Other	NA	Electronic	1.72658	1.72679
EURNZD.	20-08-18	09:32-11:30			1.72349	20-08-18 09:36	1000	Other	NA	Electronic	1.7233	1.72349
EURNZD.	20-08-18	13:32-15:30			1.72536	20-08-18 13:39	250000	Other	NA	Electronic	1.72536	1.72555
EURNZD.	20-08-18	15:32-17:30			1.72874	20-08-18 16:06	3000	Other	NA	Electronic	1.72874	1.72887
EURNZD.	21-08-18	11:32-13:30			1.7288	21-08-18 11:44	1000	Other	NA	Electronic	1.7288	1.72901
EURNZD.	21-08-18	13:32-15:30			1.72635	21-08-18 13:46	2000	Other	NA	Electronic	1.72615	1.72635
EURNZD.	21-08-18	15:32-17:30			1.72818	21-08-18 15:58	1000	Other	NA	Electronic	1.72804	1.72818
EURNZD.	22-08-18	09:32-11:30			1.73027	22-08-18 10:40	10000	Other	NA	Electronic	1.73027	1.73048
EURNZD.	22-08-18	11:32-13:30			1.73148	22-08-18 11:52	10000	Other	NA	Electronic	1.73148	1.73169
EURNZD.	22-08-18	15:32-17:30			1.73111	22-08-18 17:06	2000	Other	NA	Electronic	1.73111	1.7313
EURNZD.	23-08-18	09:32-11:30			1.73348	23-08-18 10:11	1000	Other	NA	Electronic	1.73348	1.73367
EURNZD.	23-08-18	11:32-13:30			1.73563	23-08-18 11:44	7000	Other	NA	Electronic	1.73543	1.73563

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	23-08-18	13:32-15:30			1.73608	23-08-18 13:33	250000	Other	NA	Electronic	1.73608	1.73619
EURNZD.	23-08-18	15:30-15:32	1.73925	11000								
EURNZD.	24-08-18	09:32-11:30			1.73851	24-08-18 10:34	10000	Other	NA	Electronic	1.73835	1.73853
EURNZD.	24-08-18	11:30-11:32	1.73756	1000								
EURNZD.	24-08-18	13:32-15:30			1.74022	24-08-18 13:46	2000	Other	NA	Electronic	1.74022	1.74042
EURNZD.	27-08-18	09:32-11:30			1.74103	27-08-18 09:41	1000	Other	NA	Electronic	1.74103	1.74123
EURNZD.	27-08-18	11:32-13:30			1.74147	27-08-18 12:16	1000	Other	NA	Electronic	1.74147	1.7416
EURNZD.	27-08-18	13:32-15:30			1.74239	27-08-18 13:32	1000	Other	NA	Electronic	1.74239	1.74261
EURNZD.	27-08-18	15:32-17:30			1.74444	27-08-18 15:59	20000	Other	NA	Electronic	1.74444	1.7446
EURNZD.	28-08-18	09:30-09:32	1.74403	1000								
EURNZD.	28-08-18	11:32-13:30			1.74541	28-08-18 11:58	10000	Other	NA	Electronic	1.74527	1.74541
EURNZD.	28-08-18	13:30-13:32	1.74551	2000								
EURNZD.	28-08-18	15:32-17:30			1.74454	28-08-18 16:07	2000	Other	NA	Electronic	1.74434	1.74454
EURNZD.	29-08-18	09:32-11:30			1.7387	29-08-18 09:34	1000	Other	NA	Electronic	1.73856	1.7387
EURNZD.	29-08-18	11:32-13:30			1.74084	29-08-18 11:41	1000	Other	NA	Electronic	1.74084	1.74104

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	29-08-18	13:32-15:30			1.74333	29-08-18 13:36	10000	Other	NA	Electronic	1.74311	1.74333
EURNZD.	29-08-18	15:32-17:30			1.74543	29-08-18 15:33	50000	Other	NA	Electronic	1.74528	1.74543
EURNZD.	30-08-18	09:32-11:30			1.75615	30-08-18 11:04	2000	Other	NA	Electronic	1.75602	1.75615
EURNZD.	30-08-18	11:32-13:30			1.75166	30-08-18 13:17	2000	Other	NA	Electronic	1.75145	1.75166
EURNZD.	30-08-18	15:32-17:30			1.75533	30-08-18 16:20	2000	Other	NA	Electronic	1.75512	1.75533
EURNZD.	31-08-18	09:32-11:30			1.75654	31-08-18 11:06	2000	Other	NA	Electronic	1.75654	1.75667
EURNZD.	31-08-18	11:32-13:30			1.7545	31-08-18 12:39	2000	Other	NA	Electronic	1.75411	1.7545
EURNZD.	31-08-18	13:32-15:30			1.75371	31-08-18 13:39	1000	Other	NA	Electronic	1.75371	1.75389
EURNZD.	31-08-18	15:32-17:30			1.75331	31-08-18 16:30	2000	Other	NA	Electronic	1.75311	1.75331
EURNZD.	03-09-18	09:32-11:30			1.75438	03-09-18 09:32	2000	Other	NA	Electronic	1.75438	1.75459
EURNZD.	03-09-18	11:32-13:30			1.7576	03-09-18 11:41	10000	Other	NA	Electronic	1.7576	1.75782
EURNZD.	03-09-18	13:32-15:30			1.75766	03-09-18 13:45	2000	Other	NA	Electronic	1.75745	1.75766
EURNZD.	03-09-18	15:32-17:30			1.75941	03-09-18 15:32	1000	Other	NA	Electronic	1.75917	1.75941
EURNZD.	04-09-18	09:32-11:30			1.76547	04-09-18 09:32	5000	Other	NA	Electronic	1.76525	1.76547
EURNZD.	04-09-18	11:32-13:30			1.7639	04-09-18 11:34	50000	Other	NA	Electronic	1.7637	1.7639

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	04-09-18	13:32-15:30			1.76325	04-09-18 13:40	20000	Other	NA	Electronic	1.76325	1.76345
EURNZD.	04-09-18	15:32-17:30			1.7672	04-09-18 15:39	20000	Other	NA	Electronic	1.76699	1.7672
EURNZD.	05-09-18	09:32-11:30			1.76545	05-09-18 10:27	5000	Other	NA	Electronic	1.76545	1.76568
EURNZD.	05-09-18	11:32-13:30			1.76449	05-09-18 12:00	5000	Other	NA	Electronic	1.76449	1.76472
EURNZD.	05-09-18	13:30-13:32	1.76785	19000								
EURNZD.	05-09-18	15:32-17:30			1.7643	05-09-18 17:02	1000	Other	NA	Electronic	1.7643	1.7645
EURNZD.	06-09-18	09:32-11:30			1.76225	06-09-18 09:42	1000	Other	NA	Electronic	1.76207	1.76225
EURNZD.	06-09-18	11:32-13:30			1.76279	06-09-18 11:43	5000	Other	NA	Electronic	1.76279	1.763
EURNZD.	06-09-18	13:32-15:30			1.76565	06-09-18 14:05	2000	Other	NA	Electronic	1.76565	1.76584
EURNZD.	06-09-18	15:32-17:30			1.76156	06-09-18 15:53	2000	Other	NA	Electronic	1.76156	1.76179
EURNZD.	07-09-18	09:32-11:30			1.76772	07-09-18 10:37	10000	Other	NA	Electronic	1.76772	1.76793
EURNZD.	07-09-18	11:32-13:30			1.76478	07-09-18 11:38	10000	Other	NA	Electronic	1.76478	1.76502
EURNZD.	07-09-18	13:32-15:30			1.76496	07-09-18 13:32	10000	Other	NA	Electronic	1.76496	1.76519
EURNZD.	07-09-18	15:32-17:30			1.7673	07-09-18 15:35	3000	Other	NA	Electronic	1.7673	1.76743
EURNZD.	10-09-18	09:32-11:30			1.77057	10-09-18 10:42	1000	Other	NA	Electronic	1.77036	1.77057

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	10-09-18	11:32-13:30			1.77054	10-09-18 11:58	2000	Other	NA	Electronic	1.77055	1.77077
EURNZD.	10-09-18	13:32-15:30			1.7731	10-09-18 13:40	10000	Other	NA	Electronic	1.77287	1.7731
EURNZD.	10-09-18	15:32-17:30			1.77576	10-09-18 15:49	10000	Other	NA	Electronic	1.77554	1.77576
EURNZD.	11-09-18	09:30-09:32	1.77914	10000								
EURNZD.	11-09-18	11:32-13:30			1.77747	11-09-18 12:03	2000	Other	NA	Electronic	1.77747	1.77768
EURNZD.	11-09-18	13:32-15:30			1.78235	11-09-18 14:20	5000	Other	NA	Electronic	1.78218	1.78235
EURNZD.	11-09-18	15:32-17:30			1.78032	11-09-18 15:50	2000	Other	NA	Electronic	1.78032	1.78053
EURNZD.	12-09-18	09:32-11:30			1.77712	12-09-18 09:53	1000	Other	NA	Electronic	1.77712	1.77736
EURNZD.	12-09-18	11:32-13:30			1.7773	12-09-18 12:02	5000	Other	NA	Electronic	1.7773	1.7774
EURNZD.	12-09-18	13:32-15:30			1.7781	12-09-18 13:39	1000	Other	NA	Electronic	1.7781	1.77823
EURNZD.	12-09-18	15:32-17:30			1.77358	12-09-18 16:04	1000	Other	NA	Electronic	1.77345	1.77358
EURNZD.	13-09-18	09:32-11:30			1.77411	13-09-18 09:36	20000	Other	NA	Electronic	1.77399	1.77411
EURNZD.	13-09-18	11:32-13:30			1.7752	13-09-18 12:29	10000	Other	NA	Electronic	1.77489	1.7752
EURNZD.	13-09-18	13:32-15:30			1.77589	13-09-18 13:32	3000	Other	NA	Electronic	1.77817	1.77857
EURNZD.	13-09-18	15:30-15:32	1.78003	1000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	14-09-18	09:32-11:30			1.77736	14-09-18 10:10	2000	Other	NA	Electronic	1.77736	1.77746
EURNZD.	14-09-18	11:30-11:32	1.77812	1000								
EURNZD.	17-09-18	09:32-11:30			1.77397	17-09-18 09:33	5000	Other	NA	Electronic	1.77397	1.77418
EURNZD.	17-09-18	11:32-13:30			1.77494	17-09-18 12:08	5000	Other	NA	Electronic	1.77483	1.77494
EURNZD.	17-09-18	13:32-15:30			1.77517	17-09-18 14:17	1000	Other	NA	Electronic	1.77504	1.77517
EURNZD.	18-09-18	09:32-11:30			1.77069	18-09-18 09:44	1000	Other	NA	Electronic	1.77048	1.77069
EURNZD.	18-09-18	11:32-13:30			1.77421	18-09-18 11:39	20000	Other	NA	Electronic	1.77409	1.77421
EURNZD.	18-09-18	13:32-15:30			1.77594	18-09-18 13:48	1000	Other	NA	Electronic	1.77594	1.77605
EURNZD.	18-09-18	15:32-17:30			1.77142	18-09-18 16:43	13000	Other	NA	Electronic	1.77142	1.77153
EURNZD.	19-09-18	09:32-11:30			1.76995	19-09-18 09:46	1000	Other	NA	Electronic	1.76983	1.76995
EURNZD.	19-09-18	11:32-13:30			1.76832	19-09-18 11:58	1000	Other	NA	Electronic	1.76822	1.76832
EURNZD.	19-09-18	13:32-15:30			1.76738	19-09-18 13:34	1000	Other	NA	Electronic	1.76717	1.76738
EURNZD.	19-09-18	15:32-17:30			1.76535	19-09-18 15:37	1000	Other	NA	Electronic	1.76535	1.76549
EURNZD.	20-09-18	09:32-11:30			1.75744	20-09-18 09:37	1000	Other	NA	Electronic	1.75725	1.75744
EURNZD.	20-09-18	11:30-11:32	1.7604	10000								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	20-09-18	13:32-15:30			1.76084	20-09-18 13:38	13000	Other	NA	Electronic	1.76084	1.76105
EURNZD.	20-09-18	15:32-17:30			1.75893	20-09-18 15:37	5000	Other	NA	Electronic	1.75893	1.75915
EURNZD.	21-09-18	09:32-11:30			1.75948	21-09-18 09:40	10000	Other	NA	Electronic	1.75948	1.7596
EURNZD.	21-09-18	11:32-13:30			1.76055	21-09-18 11:32	2000	Other	NA	Electronic	1.76055	1.76074
EURNZD.	21-09-18	15:32-17:30			1.75802	21-09-18 16:13	50000	Other	NA	Electronic	1.75788	1.75802
EURNZD.	24-09-18	09:32-11:30			1.76562	24-09-18 09:34	1000	Other	NA	Electronic	1.76545	1.76562
EURNZD.	24-09-18	11:32-13:30			1.76427	24-09-18 12:51	25000	Other	NA	Electronic	1.76427	1.76448
EURNZD.	24-09-18	13:32-15:30			1.77132	24-09-18 13:48	10000	Other	NA	Electronic	1.77112	1.77132
EURNZD.	24-09-18	15:32-17:30			1.76925	24-09-18 15:44	3000	Other	NA	Electronic	1.76925	1.76936
EURNZD.	25-09-18	09:32-11:30			1.77008	25-09-18 10:49	25000	Other	NA	Electronic	1.76989	1.77008
EURNZD.	25-09-18	11:32-13:30			1.77197	25-09-18 11:38	2000	Other	NA	Electronic	1.77176	1.77197
EURNZD.	25-09-18	13:32-15:30			1.77074	25-09-18 13:43	2000	Other	NA	Electronic	1.77074	1.77093
EURNZD.	25-09-18	15:32-17:30			1.77081	25-09-18 16:45	5000	Other	NA	Electronic	1.77069	1.77081
EURNZD.	26-09-18	09:32-11:30			1.76804	26-09-18 09:34	3000	Other	NA	Electronic	1.76784	1.76804
EURNZD.	26-09-18	11:32-13:30			1.76755	26-09-18 12:56	25000	Other	NA	Electronic	1.76745	1.76755

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZD.	27-09-18	09:32-11:30			1.76404	27-09-18 09:48	3000	Other	NA	Electronic	1.76385	1.76404
EURNZD.	27-09-18	11:32-13:30			1.76289	27-09-18 12:28	2000	Other	NA	Electronic	1.76268	1.76289
EURNZD.	27-09-18	13:32-15:30			1.76195	27-09-18 14:58	10000	Other	NA	Electronic	1.76176	1.76195
EURNZD.	27-09-18	15:32-17:30			1.76233	27-09-18 15:52	10000	Other	NA	Electronic	1.76233	1.76244
EURNZD.	28-09-18	09:30-09:32	1.75512	40000								
EURNZD.	28-09-18	11:32-13:30			1.75075	28-09-18 11:45	40000	Other	NA	Electronic	1.75075	1.75097
EURNZDmicro	02-07-18	09:30-09:32	1.72548	28000								
EURNZDmicro	02-07-18	11:30-11:32	1.72996	38500								
EURNZDmicro	02-07-18	13:30-13:32	1.72957	100								
EURNZDmicro	02-07-18	15:32-17:30			1.73243	02-07-18 15:32	900	Other	NA	Electronic	1.73181	1.73243
EURNZDmicro	03-07-18	09:30-09:32	1.73009	10050								
EURNZDmicro	03-07-18	11:30-11:32	1.73098	1000								
EURNZDmicro	03-07-18	13:30-13:32	1.72975	600								
EURNZDmicro	03-07-18	15:30-15:32	1.72628	1610								
EURNZDmicro	04-07-18	09:32-11:30			1.72034	04-07-18 09:32	3000	Other	NA	Electronic	1.72034	1.72098

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	04-07-18	11:32-13:30			1.72115	04-07-18 11:32	20000	Other	NA	Electronic	1.72115	1.72181
EURNZDmicro	04-07-18	13:30-13:32	1.72114	550								
EURNZDmicro	04-07-18	15:32-17:30			1.72066	04-07-18 15:35	100	Other	NA	Electronic	1.72066	1.72135
EURNZDmicro	05-07-18	09:32-11:30			1.72299	05-07-18 09:36	1000	Other	NA	Electronic	1.72236	1.72299
EURNZDmicro	05-07-18	11:32-13:30			1.72495	05-07-18 11:33	780	Other	NA	Electronic	1.72431	1.72495
EURNZDmicro	05-07-18	13:32-15:30			1.725	05-07-18 13:32	250	Other	NA	Electronic	1.72436	1.725
EURNZDmicro	05-07-18	15:30-15:32	1.72263	1500								
EURNZDmicro	06-07-18	09:32-11:30			1.7182	06-07-18 09:33	100	Other	NA	Electronic	1.71759	1.7182
EURNZDmicro	06-07-18	11:32-13:30			1.71741	06-07-18 11:33	300	Other	NA	Electronic	1.71741	1.71806
EURNZDmicro	06-07-18	13:30-13:32	1.72239	900								
EURNZDmicro	06-07-18	15:30-15:32	1.72	100								
EURNZDmicro	09-07-18	09:32-11:30			1.71953	09-07-18 09:35	200	Other	NA	Electronic	1.71953	1.72017
EURNZDmicro	09-07-18	11:32-13:30			1.71967	09-07-18 11:38	1010	Other	NA	Electronic	1.71903	1.71967
EURNZDmicro	09-07-18	13:30-13:32	1.71923	970								
EURNZDmicro	09-07-18	15:32-17:30			1.71804	09-07-18 15:40	2000	Other	NA	Electronic	1.71739	1.71804

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	10-07-18	09:30-09:32	1.71946	300								
EURNZDmicro	10-07-18	11:30-11:32	1.71809	2010								
EURNZDmicro	10-07-18	13:30-13:32	1.71699	850								
EURNZDmicro	10-07-18	15:30-15:32	1.71598	270								
EURNZDmicro	11-07-18	09:32-11:30			1.72123	11-07-18 09:33	3000	Other	NA	Electronic	1.72123	1.72185
EURNZDmicro	11-07-18	11:30-11:32	1.72446	21000								
EURNZDmicro	11-07-18	13:32-15:30			1.72954	11-07-18 13:32	10	Other	NA	Electronic	1.72954	1.73018
EURNZDmicro	11-07-18	15:30-15:32	1.72739	200								
EURNZDmicro	12-07-18	09:32-11:30			1.72648	12-07-18 09:38	1000	Other	NA	Electronic	1.72584	1.72648
EURNZDmicro	12-07-18	11:32-13:30			1.72556	12-07-18 11:35	10	Other	NA	Electronic	1.72556	1.72618
EURNZDmicro	12-07-18	13:32-15:30			1.72512	12-07-18 13:43	100	Other	NA	Electronic	1.72447	1.72512
EURNZDmicro	12-07-18	15:32-17:30			1.72475	12-07-18 15:33	150	Other	NA	Electronic	1.72415	1.72475
EURNZDmicro	13-07-18	09:32-11:30			1.72554	13-07-18 09:37	500	Other	NA	Electronic	1.72555	1.72617
EURNZDmicro	13-07-18	11:32-13:30			1.72799	13-07-18 11:34	240	Other	NA	Electronic	1.72734	1.72799
EURNZDmicro	13-07-18	13:30-13:32	1.72727	1000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	13-07-18	15:32-17:30			1.72635	13-07-18 15:32	250	Other	NA	Electronic	1.72568	1.72635
EURNZDmicro	16-07-18	09:30-09:32	1.72595	2500								
EURNZDmicro	16-07-18	11:32-13:30			1.72791	16-07-18 11:36	250	Other	NA	Electronic	1.72729	1.72791
EURNZDmicro	16-07-18	13:32-15:30			1.72532	16-07-18 13:39	3000	Other	NA	Electronic	1.72532	1.72596
EURNZDmicro	16-07-18	15:30-15:32	1.72964	700								
EURNZDmicro	17-07-18	09:32-11:30			1.71818	17-07-18 09:32	500	Other	NA	Electronic	1.71754	1.71818
EURNZDmicro	17-07-18	11:32-13:30			1.71867	17-07-18 11:33	50	Other	NA	Electronic	1.71867	1.71931
EURNZDmicro	17-07-18	13:30-13:32	1.72115	600								
EURNZDmicro	17-07-18	15:32-17:30			1.71929	17-07-18 15:37	20000	Other	NA	Electronic	1.71929	1.71994
EURNZDmicro	18-07-18	09:30-09:32	1.71979	500								
EURNZDmicro	18-07-18	11:32-13:30			1.71742	18-07-18 11:35	10000	Other	NA	Electronic	1.71742	1.71806
EURNZDmicro	18-07-18	13:32-15:30			1.71658	18-07-18 13:39	1000	Other	NA	Electronic	1.71593	1.71658
EURNZDmicro	18-07-18	15:30-15:32	1.71627	200								
EURNZDmicro	19-07-18	09:32-11:30			1.72193	19-07-18 09:32	200	Other	NA	Electronic	1.72195	1.72259
EURNZDmicro	19-07-18	11:32-13:30			1.72203	19-07-18 11:35	150	Other	NA	Electronic	1.72203	1.72268

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EURNZDmicro	19-07-18	13:32-15:30			1.72434	19-07-18 13:41	5000	Other	NA	Electronic	1.72434	1.72496
EURNZDmicro	19-07-18	15:30-15:32	1.72792	140								
EURNZDmicro	20-07-18	09:32-11:30			1.72286	20-07-18 09:35	1190	Other	NA	Electronic	1.72225	1.72286
EURNZDmicro	20-07-18	11:32-13:30			1.72448	20-07-18 11:37	2300	Other	NA	Electronic	1.72384	1.72448
EURNZDmicro	20-07-18	13:32-15:30			1.72364	20-07-18 13:36	20000	Other	NA	Electronic	1.723	1.72364
EURNZDmicro	20-07-18	15:30-15:32	1.72148	1010								
EURNZDmicro	23-07-18	09:30-09:32	1.71818	1970								
EURNZDmicro	23-07-18	11:32-13:30			1.72112	23-07-18 11:35	1000	Other	NA	Electronic	1.72047	1.72112
EURNZDmicro	23-07-18	13:30-13:32	1.7232	8150								
EURNZDmicro	23-07-18	15:30-15:32	1.72541	200								
EURNZDmicro	24-07-18	09:32-11:30			1.72177	24-07-18 09:38	1000	Other	NA	Electronic	1.72116	1.72177
EURNZDmicro	24-07-18	11:32-13:30			1.71979	24-07-18 11:36	100	Other	NA	Electronic	1.71915	1.71979
EURNZDmicro	24-07-18	13:32-15:30			1.71872	24-07-18 13:35	10000	Other	NA	Electronic	1.71872	1.71932
EURNZDmicro	24-07-18	15:30-15:32	1.71788	4000								
EURNZDmicro	25-07-18	09:30-09:32	1.71658	100								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	25-07-18	11:32-13:30			1.71816	25-07-18 11:39	5000	Other	NA	Electronic	1.71753	1.71816
EURNZDmicro	25-07-18	13:32-15:30			1.71802	25-07-18 13:37	100	Other	NA	Electronic	1.71735	1.71799
EURNZDmicro	25-07-18	15:30-15:32	1.71528	4190								
EURNZDmicro	26-07-18	09:32-11:30			1.71632	26-07-18 09:42	10	Other	NA	Electronic	1.71632	1.71697
EURNZDmicro	26-07-18	11:30-11:32	1.71791	7680								
EURNZDmicro	26-07-18	13:32-15:30			1.71718	26-07-18 13:32	2100	Other	NA	Electronic	1.71653	1.71718
EURNZDmicro	26-07-18	15:32-17:30			1.71639	26-07-18 15:54	10000	Other	NA	Electronic	1.71574	1.71639
EURNZDmicro	27-07-18	09:32-11:30			1.71876	27-07-18 09:37	300	Other	NA	Electronic	1.71812	1.71876
EURNZDmicro	27-07-18	11:32-13:30			1.71785	27-07-18 12:10	1000	Other	NA	Electronic	1.71722	1.71785
EURNZDmicro	27-07-18	13:30-13:32	1.7176	50								
EURNZDmicro	27-07-18	15:32-17:30			1.71474	27-07-18 15:47	1000	Other	NA	Electronic	1.71474	1.7154
EURNZDmicro	30-07-18	09:32-11:30			1.71681	30-07-18 09:32	5000	Other	NA	Electronic	1.71616	1.71681
EURNZDmicro	30-07-18	11:32-13:30			1.71592	30-07-18 11:45	200	Other	NA	Electronic	1.71592	1.71657
EURNZDmicro	30-07-18	13:32-15:30			1.71625	30-07-18 13:46	10	Other	NA	Electronic	1.71625	1.7169
EURNZDmicro	30-07-18	15:30-15:32	1.71415	100								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	31-07-18	09:30-09:32	1.71986	400								
EURNZDmicro	31-07-18	11:32-13:30			1.72121	31-07-18 11:32	1000	Other	NA	Electronic	1.72121	1.72183
EURNZDmicro	31-07-18	13:32-15:30			1.71989	31-07-18 13:34	170	Other	NA	Electronic	1.71926	1.71989
EURNZDmicro	31-07-18	15:32-17:30			1.71851	31-07-18 15:35	80	Other	NA	Electronic	1.71797	1.71858
EURNZDmicro	01-08-18	09:32-11:30			1.71789	01-08-18 09:33	310	Other	NA	Electronic	1.71789	1.71855
EURNZDmicro	01-08-18	11:30-11:32	1.71694	2500								
EURNZDmicro	01-08-18	13:32-15:30			1.71756	01-08-18 13:34	1000	Other	NA	Electronic	1.71688	1.71754
EURNZDmicro	01-08-18	15:32-17:30			1.71696	01-08-18 16:01	900	Other	NA	Electronic	1.71696	1.71761
EURNZDmicro	02-08-18	09:30-09:32	1.71842	1000								
EURNZDmicro	02-08-18	11:30-11:32	1.71877	10000								
EURNZDmicro	02-08-18	13:32-15:30			1.72075	02-08-18 13:36	300	Other	NA	Electronic	1.72011	1.72075
EURNZDmicro	02-08-18	15:32-17:30			1.71928	02-08-18 16:36	530	Other	NA	Electronic	1.71865	1.71928
EURNZDmicro	03-08-18	09:32-11:30			1.7192	03-08-18 09:42	660	Other	NA	Electronic	1.7192	1.71981
EURNZDmicro	03-08-18	11:30-11:32	1.71642	350								
EURNZDmicro	03-08-18	13:32-15:30			1.71685	03-08-18 13:36	10	Other	NA	Electronic	1.71685	1.71745



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EURNZDmicro	03-08-18	15:30-15:32	1.71645	50								
EURNZDmicro	06-08-18	09:32-11:30			1.71537	06-08-18 09:50	2000	Other	NA	Electronic	1.71474	1.71537
EURNZDmicro	06-08-18	11:32-13:30			1.7144	06-08-18 11:34	200	Other	NA	Electronic	1.7144	1.71507
EURNZDmicro	06-08-18	13:30-13:32	1.71654	1000								
EURNZDmicro	06-08-18	15:32-17:30			1.71621	06-08-18 15:56	100	Other	NA	Electronic	1.71621	1.71684
EURNZDmicro	07-08-18	09:32-11:30			1.71677	07-08-18 09:33	1000	Other	NA	Electronic	1.71677	1.71741
EURNZDmicro	07-08-18	11:32-13:30			1.71816	07-08-18 11:40	100	Other	NA	Electronic	1.71816	1.71876
EURNZDmicro	07-08-18	13:30-13:32	1.71948	200								
EURNZDmicro	07-08-18	15:32-17:30			1.71995	07-08-18 15:41	4000	Other	NA	Electronic	1.71995	1.72059
EURNZDmicro	08-08-18	09:30-09:32	1.72086	410								
EURNZDmicro	08-08-18	11:32-13:30			1.72014	08-08-18 11:35	250	Other	NA	Electronic	1.72014	1.72078
EURNZDmicro	08-08-18	13:32-15:30			1.72163	08-08-18 14:05	1400	Other	NA	Electronic	1.72098	1.72163
EURNZDmicro	08-08-18	15:32-17:30			1.72008	08-08-18 16:01	500	Other	NA	Electronic	1.72008	1.7207
EURNZDmicro	09-08-18	09:32-11:30			1.74246	09-08-18 09:33	100	Other	NA	Electronic	1.74246	1.74309
EURNZDmicro	09-08-18	11:32-13:30			1.74304	09-08-18 11:34	200	Other	NA	Electronic	1.74309	1.74369

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EURNZDmicro	09-08-18	13:32-15:30			1.74615	09-08-18 13:32	100	Other	NA	Electronic	1.7455	1.74615
EURNZDmicro	09-08-18	15:32-17:30			1.74629	09-08-18 15:44	10	Other	NA	Electronic	1.74629	1.74689
EURNZDmicro	10-08-18	09:32-11:30			1.73995	10-08-18 09:33	170	Other	NA	Electronic	1.73932	1.73995
EURNZDmicro	10-08-18	11:32-13:30			1.73641	10-08-18 11:32	300	Other	NA	Electronic	1.73578	1.73641
EURNZDmicro	10-08-18	13:30-13:32	1.73053	1630								
EURNZDmicro	10-08-18	15:32-17:30			1.7279	10-08-18 15:35	200	Other	NA	Electronic	1.7273	1.7279
EURNZDmicro	13-08-18	09:30-09:32	1.72961	200								
EURNZDmicro	13-08-18	11:32-13:30			1.73039	13-08-18 11:35	1240	Other	NA	Electronic	1.73039	1.73104
EURNZDmicro	13-08-18	13:30-13:32	1.73505	870								
EURNZDmicro	13-08-18	15:32-17:30			1.73181	13-08-18 15:33	400	Other	NA	Electronic	1.73181	1.73248
EURNZDmicro	14-08-18	09:30-09:32	1.7309	30000								
EURNZDmicro	14-08-18	11:32-13:30			1.72806	14-08-18 12:09	700	Other	NA	Electronic	1.72746	1.72806
EURNZDmicro	14-08-18	13:30-13:32	1.72595	100								
EURNZDmicro	14-08-18	15:30-15:32	1.72396	200								
EURNZDmicro	15-08-18	09:32-11:30			1.72879	15-08-18 09:32	100	Other	NA	Electronic	1.72819	1.72879

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EURNZDmicro	15-08-18	11:32-13:30			1.72778	15-08-18 11:34	500	Other	NA	Electronic	1.72718	1.72778
EURNZDmicro	15-08-18	13:32-15:30			1.72445	15-08-18 13:33	10	Other	NA	Electronic	1.72384	1.72444
EURNZDmicro	15-08-18	15:32-17:30			1.72857	15-08-18 16:01	1000	Other	NA	Electronic	1.72797	1.72857
EURNZDmicro	16-08-18	09:32-11:30			1.7266	16-08-18 09:50	100	Other	NA	Electronic	1.7266	1.72726
EURNZDmicro	16-08-18	11:32-13:30			1.72667	16-08-18 11:50	50	Other	NA	Electronic	1.72667	1.72731
EURNZDmicro	16-08-18	13:30-13:32	1.72404	400								
EURNZDmicro	16-08-18	15:32-17:30			1.72654	16-08-18 15:37	50	Other	NA	Electronic	1.7259	1.72654
EURNZDmicro	17-08-18	09:32-11:30			1.72478	17-08-18 10:02	1000	Other	NA	Electronic	1.72478	1.72538
EURNZDmicro	17-08-18	11:32-13:30			1.72513	17-08-18 11:54	110	Other	NA	Electronic	1.72513	1.72576
EURNZDmicro	17-08-18	13:32-15:30			1.72656	17-08-18 13:33	1000	Other	NA	Electronic	1.72592	1.72656
EURNZDmicro	17-08-18	15:32-17:30			1.72751	17-08-18 16:04	500	Other	NA	Electronic	1.72687	1.72751
EURNZDmicro	20-08-18	09:32-11:30			1.72379	20-08-18 09:32	100	Other	NA	Electronic	1.72315	1.72379
EURNZDmicro	20-08-18	11:32-13:30			1.7261	20-08-18 11:42	150	Other	NA	Electronic	1.72536	1.7261
EURNZDmicro	20-08-18	13:32-15:30			1.72505	20-08-18 13:34	100	Other	NA	Electronic	1.72441	1.72505
EURNZDmicro	20-08-18	15:32-17:30			1.72921	20-08-18 15:53	2010	Other	NA	Electronic	1.72778	1.72921

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	21-08-18	09:32-11:30			1.72809	21-08-18 10:21	100	Other	NA	Electronic	1.72809	1.72874
EURNZDmicro	21-08-18	11:30-11:32	1.72878	40								
EURNZDmicro	21-08-18	13:30-13:32	1.72616	100								
EURNZDmicro	21-08-18	15:32-17:30			1.72641	21-08-18 15:41	50	Other	NA	Electronic	1.72641	1.72704
EURNZDmicro	22-08-18	09:30-09:32	1.73093	200								
EURNZDmicro	22-08-18	11:32-13:30			1.7309	22-08-18 11:51	30	Other	NA	Electronic	1.7309	1.73153
EURNZDmicro	22-08-18	13:32-15:30			1.7312	22-08-18 13:41	700	Other	NA	Electronic	1.7312	1.73183
EURNZDmicro	22-08-18	15:32-17:30			1.73063	22-08-18 16:01	200	Other	NA	Electronic	1.73063	1.73126
EURNZDmicro	23-08-18	09:32-11:30			1.73241	23-08-18 09:49	900	Other	NA	Electronic	1.73241	1.73301
EURNZDmicro	23-08-18	11:32-13:30			1.735	23-08-18 11:43	50	Other	NA	Electronic	1.735	1.73561
EURNZDmicro	23-08-18	13:32-15:30			1.73588	23-08-18 13:36	200	Other	NA	Electronic	1.73588	1.73652
EURNZDmicro	23-08-18	15:30-15:32	1.73919	580								
EURNZDmicro	24-08-18	09:32-11:30			1.74008	24-08-18 09:53	1000	Other	NA	Electronic	1.74008	1.74072
EURNZDmicro	24-08-18	11:30-11:32	1.738	3300								
EURNZDmicro	24-08-18	13:32-15:30			1.74061	24-08-18 13:43	30	Other	NA	Electronic	1.73999	1.74061

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURNZDmicro	24-08-18	15:32-17:30			1.73801	24-08-18 15:34	100	Other	NA	Electronic	1.73737	1.73801
EURNZDmicro	27-08-18	09:32-11:30			1.741	27-08-18 09:41	2000	Other	NA	Electronic	1.741	1.7416
EURNZDmicro	27-08-18	11:32-13:30			1.7399	27-08-18 11:44	100	Other	NA	Electronic	1.7399	1.74053
EURNZDmicro	27-08-18	13:30-13:32	1.74259	6470								
EURNZDmicro	27-08-18	15:30-15:32	1.74336	2000								
EURNZDmicro	28-08-18	09:30-09:32	1.74384	200								
EURNZDmicro	28-08-18	11:32-13:30			1.74375	28-08-18 11:36	510	Other	NA	Electronic	1.74375	1.74439
EURNZDmicro	28-08-18	13:32-15:30			1.74439	28-08-18 13:40	3000	Other	NA	Electronic	1.74439	1.74499
EURNZDmicro	28-08-18	15:32-17:30			1.74332	28-08-18 16:12	140	Other	NA	Electronic	1.74332	1.74395
EURNZDmicro	29-08-18	09:30-09:32	1.7384	100								
EURNZDmicro	29-08-18	11:30-11:32	1.74096	200								
EURNZDmicro	29-08-18	13:32-15:30			1.74289	29-08-18 13:35	20000	Other	NA	Electronic	1.74289	1.74355
EURNZDmicro	29-08-18	15:32-17:30			1.74577	29-08-18 15:39	140	Other	NA	Electronic	1.74577	1.74637
EURNZDmicro	30-08-18	09:32-11:30			1.75451	30-08-18 09:59	100	Other	NA	Electronic	1.75451	1.75515
EURNZDmicro	30-08-18	11:32-13:30			1.7543	30-08-18 11:50	100	Other	NA	Electronic	1.75367	1.7543

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EURNZDmicro	30-08-18	13:30-13:32	1.75156	2400								
EURNZDmicro	30-08-18	15:30-15:32	1.75221	380								
EURNZDmicro	31-08-18	09:32-11:30			1.75658	31-08-18 10:31	300	Other	NA	Electronic	1.75658	1.75721
EURNZDmicro	31-08-18	11:32-13:30			1.75702	31-08-18 11:46	20	Other	NA	Electronic	1.7564	1.75702
EURNZDmicro	31-08-18	13:30-13:32	1.75425	210								
EURNZDmicro	31-08-18	15:32-17:30			1.75337	31-08-18 15:40	30000	Other	NA	Electronic	1.75274	1.75337
EURNZDmicro	03-09-18	09:32-11:30			1.75441	03-09-18 09:34	100	Other	NA	Electronic	1.75441	1.75506
EURNZDmicro	03-09-18	11:32-13:30			1.757	03-09-18 11:32	500	Other	NA	Electronic	1.757	1.75765
EURNZDmicro	03-09-18	13:30-13:32	1.75767	1010								
EURNZDmicro	03-09-18	15:32-17:30			1.75893	03-09-18 15:32	10000	Other	NA	Electronic	1.75893	1.75961
EURNZDmicro	04-09-18	09:32-11:30			1.7657	04-09-18 09:42	160	Other	NA	Electronic	1.76507	1.7657
EURNZDmicro	04-09-18	11:30-11:32	1.76393	200								
EURNZDmicro	04-09-18	13:32-15:30			1.76383	04-09-18 13:37	100	Other	NA	Electronic	1.76319	1.76383
EURNZDmicro	04-09-18	15:30-15:32	1.76556	5200								
EURNZDmicro	05-09-18	09:32-11:30			1.76455	05-09-18 10:03	100	Other	NA	Electronic	1.76394	1.76455

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EURNZDmicro	05-09-18	11:32-13:30			1.76533	05-09-18 11:35	10000	Other	NA	Electronic	1.76467	1.76533
EURNZDmicro	05-09-18	13:32-15:30			1.76688	05-09-18 13:34	5000	Other	NA	Electronic	1.76688	1.76748
EURNZDmicro	05-09-18	15:30-15:32	1.76398	1000								
EURNZDmicro	06-09-18	09:30-09:32	1.76253	1000								
EURNZDmicro	06-09-18	11:32-13:30			1.76252	06-09-18 11:44	300	Other	NA	Electronic	1.76252	1.76315
EURNZDmicro	06-09-18	13:32-15:30			1.76598	06-09-18 13:53	250	Other	NA	Electronic	1.76538	1.76598
EURNZDmicro	06-09-18	15:30-15:32	1.76152	2700								
EURNZDmicro	07-09-18	09:32-11:30			1.77041	07-09-18 09:40	10	Other	NA	Electronic	1.76981	1.77041
EURNZDmicro	07-09-18	11:32-13:30			1.76523	07-09-18 11:39	300	Other	NA	Electronic	1.76459	1.76523
EURNZDmicro	07-09-18	13:32-15:30			1.76623	07-09-18 13:36	1000	Other	NA	Electronic	1.76563	1.76623
EURNZDmicro	07-09-18	15:32-17:30			1.7669	07-09-18 15:37	100	Other	NA	Electronic	1.7669	1.7675
EURNZDmicro	10-09-18	09:32-11:30			1.77124	10-09-18 09:38	20	Other	NA	Electronic	1.77064	1.77124
EURNZDmicro	10-09-18	11:32-13:30			1.77069	10-09-18 11:38	20	Other	NA	Electronic	1.77069	1.77135
EURNZDmicro	10-09-18	13:30-13:32	1.7735	300								
EURNZDmicro	10-09-18	15:32-17:30			1.77488	10-09-18 15:39	100	Other	NA	Electronic	1.77428	1.77488

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EURNZDmicro	11-09-18	09:32-11:30			1.77927	11-09-18 09:32	50	Other	NA	Electronic	1.77863	1.77927
EURNZDmicro	11-09-18	11:32-13:30			1.77814	11-09-18 11:38	50	Other	NA	Electronic	1.77814	1.77874
EURNZDmicro	11-09-18	13:32-15:30			1.77927	11-09-18 13:48	200	Other	NA	Electronic	1.77927	1.77994
EURNZDmicro	11-09-18	15:32-17:30			1.77981	11-09-18 15:53	20	Other	NA	Electronic	1.77981	1.78047
EURNZDmicro	12-09-18	09:30-09:32	1.77771	1050								
EURNZDmicro	12-09-18	11:32-13:30			1.77704	12-09-18 12:02	1000	Other	NA	Electronic	1.77704	1.77764
EURNZDmicro	12-09-18	13:32-15:30			1.77827	12-09-18 13:34	100	Other	NA	Electronic	1.77764	1.77827
EURNZDmicro	12-09-18	15:32-17:30			1.77408	12-09-18 15:33	20	Other	NA	Electronic	1.77408	1.77474
EURNZDmicro	13-09-18	09:32-11:30			1.77349	13-09-18 09:32	1000	Other	NA	Electronic	1.77349	1.77409
EURNZDmicro	13-09-18	11:32-13:30			1.77502	13-09-18 11:44	100	Other	NA	Electronic	1.77415	1.77502
EURNZDmicro	13-09-18	13:32-15:30			1.77581	13-09-18 13:32	170	Other	NA	Electronic	1.77581	1.77641
EURNZDmicro	13-09-18	15:32-17:30			1.77959	13-09-18 15:35	200	Other	NA	Electronic	1.77959	1.78023
EURNZDmicro	14-09-18	09:32-11:30			1.77832	14-09-18 09:45	60	Other	NA	Electronic	1.77768	1.77832
EURNZDmicro	14-09-18	11:30-11:32	1.77831	200								
EURNZDmicro	14-09-18	13:32-15:30			1.77768	14-09-18 14:20	300	Other	NA	Electronic	1.77702	1.77768



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EURNZDmicro	14-09-18	15:30-15:32	1.77643	270								
EURNZDmicro	17-09-18	09:30-09:32	1.77386	1750								
EURNZDmicro	17-09-18	11:32-13:30			1.77503	17-09-18 11:57	30990	Other	NA	Electronic	1.77503	1.77567
EURNZDmicro	17-09-18	13:32-15:30			1.77497	17-09-18 13:43	550	Other	NA	Electronic	1.77436	1.77497
EURNZDmicro	17-09-18	15:32-17:30			1.77503	17-09-18 16:48	10	Other	NA	Electronic	1.77443	1.77503
EURNZDmicro	18-09-18	09:32-11:30			1.77103	18-09-18 09:34	100	Other	NA	Electronic	1.77103	1.77163
EURNZDmicro	18-09-18	11:32-13:30			1.7731	18-09-18 11:38	1500	Other	NA	Electronic	1.7731	1.77372
EURNZDmicro	18-09-18	13:32-15:30			1.77566	18-09-18 13:49	2000	Other	NA	Electronic	1.77566	1.77626
EURNZDmicro	18-09-18	15:30-15:32	1.77509	100								
EURNZDmicro	19-09-18	09:32-11:30			1.76932	19-09-18 09:33	100	Other	NA	Electronic	1.76932	1.76992
EURNZDmicro	19-09-18	11:32-13:30			1.76811	19-09-18 11:33	10	Other	NA	Electronic	1.76811	1.76871
EURNZDmicro	19-09-18	13:32-15:30			1.76683	19-09-18 13:32	1000	Other	NA	Electronic	1.76683	1.76743
EURNZDmicro	19-09-18	15:30-15:32	1.76507	10000								
EURNZDmicro	20-09-18	09:32-11:30			1.757	20-09-18 09:37	320	Other	NA	Electronic	1.757	1.75764
EURNZDmicro	20-09-18	11:30-11:32	1.75993	2970								

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EURNZDmicro	20-09-18	13:32-15:30			1.76228	20-09-18 13:37	1000	Other	NA	Electronic	1.76165	1.76228
EURNZDmicro	20-09-18	15:32-17:30			1.75974	20-09-18 15:39	6000	Other	NA	Electronic	1.75909	1.75974
EURNZDmicro	21-09-18	09:32-11:30			1.75878	21-09-18 09:36	300	Other	NA	Electronic	1.75878	1.75938
EURNZDmicro	21-09-18	11:32-13:30			1.76054	21-09-18 11:39	100	Other	NA	Electronic	1.76054	1.76117
EURNZDmicro	21-09-18	13:32-15:30			1.75963	21-09-18 13:40	100	Other	NA	Electronic	1.75903	1.75963
EURNZDmicro	21-09-18	15:32-17:30			1.75856	21-09-18 15:36	50	Other	NA	Electronic	1.75796	1.75856
EURNZDmicro	24-09-18	09:30-09:32	1.76485	1300								
EURNZDmicro	24-09-18	11:32-13:30			1.76302	24-09-18 11:35	1000	Other	NA	Electronic	1.76302	1.76366
EURNZDmicro	24-09-18	13:30-13:32	1.77082	1000								
EURNZDmicro	24-09-18	15:32-17:30			1.76991	24-09-18 15:42	100	Other	NA	Electronic	1.76925	1.76991
EURNZDmicro	25-09-18	09:32-11:30			1.77094	25-09-18 09:56	1000	Other	NA	Electronic	1.77034	1.77094
EURNZDmicro	25-09-18	11:30-11:32	1.7724	1100								
EURNZDmicro	25-09-18	13:32-15:30			1.76967	25-09-18 13:36	250	Other	NA	Electronic	1.76967	1.7703
EURNZDmicro	25-09-18	15:32-17:30			1.76978	25-09-18 15:51	10210	Other	NA	Electronic	1.76978	1.77038
EURNZDmicro	26-09-18	09:32-11:30			1.7678	26-09-18 09:37	500	Other	NA	Electronic	1.7678	1.76843

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EURNZDmicro	26-09-18	11:30-11:32	1.7649	1010								
EURNZDmicro	26-09-18	13:32-15:30			1.76578	26-09-18 14:10	500	Other	NA	Electronic	1.76578	1.76638
EURNZDmicro	26-09-18	15:32-17:30			1.76636	26-09-18 15:40	50	Other	NA	Electronic	1.76576	1.76636
EURNZDmicro	27-09-18	09:32-11:30			1.76394	27-09-18 09:42	500	Other	NA	Electronic	1.76394	1.76457
EURNZDmicro	27-09-18	11:30-11:32	1.7622	1000								
EURNZDmicro	27-09-18	13:32-15:30			1.76112	27-09-18 13:37	500	Other	NA	Electronic	1.76112	1.76176
EURNZDmicro	27-09-18	15:32-17:30			1.76204	27-09-18 15:52	1500	Other	NA	Electronic	1.76204	1.76264
EURNZDmicro	28-09-18	09:30-09:32	1.75509	1510								
EURNZDmicro	28-09-18	11:32-13:30			1.75137	28-09-18 11:34	20	Other	NA	Electronic	1.75137	1.75201
EURNZDmicro	28-09-18	13:32-15:30			1.75123	28-09-18 13:33	40	Other	NA	Electronic	1.75058	1.75123
EURNZDmicro	28-09-18	15:32-17:30			1.75154	28-09-18 16:14	100	Other	NA	Electronic	1.75091	1.75154
Eurobank	06-07-18	09:32-11:30			0.86	06-07-18 10:45	8.6	Other	NA	Electronic	0.853	0.86
Eurobank	13-07-18	09:32-11:30			0.856	13-07-18 10:52	8.56	Other	NA	Electronic	0.848	0.856
Eurobank	13-07-18	11:32-13:30			0.843	13-07-18 11:53	8.43	Other	NA	Electronic	0.843	0.852
Eurobank	16-07-18	09:32-11:30			0.847	16-07-18 09:42	162.45	Other	NA	Electronic	0.847	0.855

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Eurobank	18-07-18	09:32-11:30			0.867	18-07-18 10:03	8.67	Other	NA	Electronic	0.867	0.875
Eurobank	19-07-18	11:32-13:30			0.864	19-07-18 12:36	692.55	Other	NA	Electronic	0.864	0.871
Eurobank	01-08-18	11:32-13:30			0.872	01-08-18 12:30	8.43	Other	NA	Electronic	0.865	0.872
Eurobank	03-08-18	09:32-11:30			0.851	03-08-18 10:57	8.51	Other	NA	Electronic	0.844	0.851
Eurobank	06-08-18	09:32-11:30			0.849	06-08-18 09:34	8.49	Other	NA	Electronic	0.849	0.856
Eurobank	06-08-18	13:32-15:30			0.849	06-08-18 13:40	8.49	Other	NA	Electronic	0.842	0.849
Eurobank	09-08-18	09:32-11:30			0.862	09-08-18 10:35	431	Other	NA	Electronic	0.853	0.862
Eurobank	09-08-18	11:32-13:30			0.856	09-08-18 12:14	8.56	Other	NA	Electronic	0.849	0.856
Eurobank	10-08-18	11:32-13:30			0.82	10-08-18 11:51	145.2	Other	NA	Electronic	0.82	0.828
Eurobank	13-08-18	09:32-11:30			0.785	13-08-18 09:44	7.85	Other	NA	Electronic	0.785	0.792
Eurobank	13-08-18	11:32-13:30			0.783	13-08-18 12:04	8.03	Other	NA	Electronic	0.773	0.783
Eurobank	13-08-18	13:32-15:30			0.782	13-08-18 13:50	7.82	Other	NA	Electronic	0.775	0.782
Eurobank	16-08-18	11:32-13:30			0.759	16-08-18 11:42	7.59	Other	NA	Electronic	0.757	0.768
Eurobank	17-08-18	09:30-09:32	0.779	7.79								
Eurobank	17-08-18	11:32-13:30			0.743	17-08-18 13:02	37.15	Other	NA	Electronic	0.73	0.743

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Eurobank	21-08-18	11:32-13:30			0.688	21-08-18 12:13	6.88	Other	NA	Electronic	0.681	0.688
Eurobank	22-08-18	11:32-13:30			0.711	22-08-18 12:53	8.41	Other	NA	Electronic	0.704	0.711
Eurobank	24-08-18	11:32-13:30			0.731	24-08-18 13:25	7.31	Other	NA	Electronic	0.731	0.739
Eurobank	27-08-18	09:32-11:30			0.761	27-08-18 10:27	152.2	Other	NA	Electronic	0.754	0.761
Eurobank	29-08-18	09:32-11:30			0.762	29-08-18 10:35	750	Other	NA	Electronic	0.762	0.772
Eurobank	30-08-18	11:32-13:30			0.765	30-08-18 11:34	7.83	Other	NA	Electronic	0.765	0.775
Eurobank	31-08-18	11:32-13:30			0.736	31-08-18 11:33	14.72	Other	NA	Electronic	0.727	0.736
Eurobank	03-09-18	11:32-13:30			0.739	03-09-18 13:13	36.95	Other	NA	Electronic	0.732	0.739
Eurobank	04-09-18	11:32-13:30			0.683	04-09-18 11:57	6.83	Other	NA	Electronic	0.676	0.683
Eurobank	05-09-18	09:32-11:30			0.664	05-09-18 10:15	664	Other	NA	Electronic	0.664	0.671
Eurobank	06-09-18	11:32-13:30			0.673	06-09-18 12:22	6.73	Other	NA	Electronic	0.663	0.673
Eurobank	07-09-18	11:32-13:30			0.657	07-09-18 12:54	712	Other	NA	Electronic	0.657	0.664
Eurobank	10-09-18	11:32-13:30			0.681	10-09-18 11:33	36.95	Other	NA	Electronic	0.681	0.688
Eurobank	12-09-18	09:32-11:30			0.66	12-09-18 10:06	6.62	Other	NA	Electronic	0.652	0.66
Eurobank	13-09-18	09:32-11:30			0.605	13-09-18 09:35	34.4	Other	NA	Electronic	0.605	0.613

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Eurobank	14-09-18	09:32-11:30			0.614	14-09-18 09:35	30.7	Other	NA	Electronic	0.607	0.614
Eurobank	17-09-18	11:32-13:30			0.628	17-09-18 12:32	6.28	Other	NA	Electronic	0.621	0.628
Eurobank	18-09-18	11:32-13:30			0.653	18-09-18 11:42	6.15	Other	NA	Electronic	0.653	0.66
Eurobank	20-09-18	09:32-11:30			0.628	20-09-18 10:28	65.8	Other	NA	Electronic	0.628	0.637
Eurobank	21-09-18	09:30-09:32	0.64	1280								
Eurobank	25-09-18	09:32-11:30			0.647	25-09-18 11:11	6.47	Other	NA	Electronic	0.638	0.647
Eurobank	26-09-18	09:30-09:32	0.613	3065								
Eurobank	26-09-18	11:32-13:30			0.621	26-09-18 12:33	3105	Other	NA	Electronic	0.611	0.621
EURPLN	02-07-18	09:32-11:30			4.39615	02-07-18 10:29	100000	Other	NA	Electronic	4.39162	4.39615
EURPLN	02-07-18	11:32-13:30			4.39685	02-07-18 12:56	1000	Other	NA	Electronic	4.39262	4.39685
EURPLN	02-07-18	13:30-13:32	4.40354	50000								
EURPLN	02-07-18	15:32-17:30			4.40773	02-07-18 16:45	49000	Other	NA	Electronic	4.40289	4.40773
EURPLN	03-07-18	09:32-11:30			4.39575	03-07-18 10:11	1000	Other	NA	Electronic	4.39575	4.39985
EURPLN	03-07-18	11:32-13:30			4.39635	03-07-18 12:41	1000	Other	NA	Electronic	4.39205	4.39635
EURPLN	03-07-18	13:32-15:30			4.38855	03-07-18 13:58	10000	Other	NA	Electronic	4.38855	4.39301

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLN	04-07-18	09:32-11:30			4.38265	04-07-18 10:02	1000	Other	NA	Electronic	4.38265	4.38685
EURPLN	04-07-18	11:32-13:30			4.37685	04-07-18 11:50	5000	Other	NA	Electronic	4.37685	4.38135
EURPLN	05-07-18	09:32-11:30			4.36685	05-07-18 11:15	5000	Other	NA	Electronic	4.36235	4.36685
EURPLN	05-07-18	11:32-13:30			4.36155	05-07-18 11:35	1000	Other	NA	Electronic	4.35715	4.36155
EURPLN	05-07-18	15:32-17:30			4.35615	05-07-18 16:33	1000	Other	NA	Electronic	4.35135	4.35615
EURPLN	06-07-18	09:32-11:30			4.36385	06-07-18 09:44	1000	Other	NA	Electronic	4.35975	4.36385
EURPLN	06-07-18	11:32-13:30			4.36545	06-07-18 12:03	1000	Other	NA	Electronic	4.36545	4.3697
EURPLN	06-07-18	13:30-13:32	4.3551	10000								
EURPLN	09-07-18	09:32-11:30			4.33585	09-07-18 10:00	10000	Other	NA	Electronic	4.33127	4.33585
EURPLN	09-07-18	11:32-13:30			4.32311	09-07-18 11:35	1000	Other	NA	Electronic	4.32311	4.3275
EURPLN	09-07-18	13:32-15:30			4.31666	09-07-18 14:26	1000	Other	NA	Electronic	4.31695	4.32085
EURPLN	09-07-18	15:32-17:30			4.30845	09-07-18 16:32	3000	Other	NA	Electronic	4.30845	4.31287
EURPLN	10-07-18	09:32-11:30			4.32775	10-07-18 09:35	1000	Other	NA	Electronic	4.32775	4.33185
EURPLN	10-07-18	11:32-13:30			4.32385	10-07-18 11:35	10000	Other	NA	Electronic	4.32385	4.32835
EURPLN	10-07-18	13:32-15:30			4.32493	10-07-18 14:55	1000	Other	NA	Electronic	4.32075	4.32493

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLN	10-07-18	15:32-17:30			4.31995	10-07-18 15:55	1000	Other	NA	Electronic	4.31505	4.31995
EURPLN	11-07-18	09:32-11:30			4.33394	11-07-18 10:10	2000	Other	NA	Electronic	4.32905	4.33381
EURPLN	11-07-18	13:32-15:30			4.32915	11-07-18 14:36	2000	Other	NA	Electronic	4.32444	4.32915
EURPLN	11-07-18	15:32-17:30			4.33178	11-07-18 15:51	2000	Other	NA	Electronic	4.33178	4.33668
EURPLN	12-07-18	11:32-13:30			4.32666	12-07-18 12:37	1000	Other	NA	Electronic	4.32219	4.32666
EURPLN	12-07-18	15:32-17:30			4.32151	12-07-18 17:10	2000	Other	NA	Electronic	4.31665	4.32151
EURPLN	16-07-18	09:32-11:30			4.30695	16-07-18 11:00	1000	Other	NA	Electronic	4.30255	4.30695
EURPLN	16-07-18	11:32-13:30			4.30455	16-07-18 13:00	1000	Other	NA	Electronic	4.30017	4.30455
EURPLN	16-07-18	13:32-15:30			4.30665	16-07-18 15:14	30000	Other	NA	Electronic	4.30665	4.31127
EURPLN	17-07-18	11:32-13:30			4.30255	17-07-18 12:15	4000	Other	NA	Electronic	4.29815	4.30255
EURPLN	17-07-18	13:32-15:30			4.28856	17-07-18 15:00	1000	Other	NA	Electronic	4.28877	4.29313
EURPLN	17-07-18	15:32-17:30			4.2997	17-07-18 16:04	1000	Other	NA	Electronic	4.29565	4.2997
EURPLN	18-07-18	09:32-11:30			4.30375	18-07-18 09:42	10000	Other	NA	Electronic	4.30366	4.30765
EURPLN	18-07-18	11:32-13:30			4.30655	18-07-18 13:18	1000	Other	NA	Electronic	4.30655	4.31085
EURPLN	18-07-18	15:32-17:30			4.31137	18-07-18 17:05	1000	Other	NA	Electronic	4.30644	4.31137



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLN	19-07-18	09:32-11:30			4.31691	19-07-18 10:29	8000	Other	NA	Electronic	4.31691	4.32135
EURPLN	19-07-18	11:32-13:30			4.32905	19-07-18 11:43	10000	Other	NA	Electronic	4.32455	4.32905
EURPLN	19-07-18	13:32-15:30			4.32995	19-07-18 13:45	35000	Other	NA	Electronic	4.32995	4.33405
EURPLN	19-07-18	15:32-17:30			4.3424	19-07-18 16:21	30000	Other	NA	Electronic	4.33808	4.3424
EURPLN	20-07-18	09:32-11:30			4.32345	20-07-18 10:58	3000	Other	NA	Electronic	4.32345	4.32775
EURPLN	20-07-18	13:32-15:30			4.32006	20-07-18 14:08	2000	Other	NA	Electronic	4.32006	4.32425
EURPLN	20-07-18	15:32-17:30			4.32675	20-07-18 16:26	1000	Other	NA	Electronic	4.32675	4.33148
EURPLN	23-07-18	11:32-13:30			4.32174	23-07-18 11:40	1000	Other	NA	Electronic	4.31725	4.32169
EURPLN	24-07-18	09:32-11:30			4.31671	24-07-18 10:51	3000	Other	NA	Electronic	4.31222	4.31671
EURPLN	24-07-18	11:32-13:30			4.31355	24-07-18 13:27	2000	Other	NA	Electronic	4.31355	4.31803
EURPLN	24-07-18	13:32-15:30			4.31593	24-07-18 13:41	2000	Other	NA	Electronic	4.31138	4.31593
EURPLN	24-07-18	15:32-17:30			4.30475	24-07-18 17:16	5000	Other	NA	Electronic	4.29865	4.30475
EURPLN	25-07-18	09:32-11:30			4.29682	25-07-18 09:42	1000	Other	NA	Electronic	4.29682	4.30119
EURPLN	25-07-18	11:32-13:30			4.30436	25-07-18 11:40	2000	Other	NA	Electronic	4.29997	4.30436
EURPLN	26-07-18	09:32-11:30			4.28485	26-07-18 10:26	70000	Other	NA	Electronic	4.28485	4.28929

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLN	26-07-18	11:32-13:30			4.28018	26-07-18 12:06	1000	Other	NA	Electronic	4.28018	4.28495
EURPLN	26-07-18	13:32-15:30			4.29065	26-07-18 14:20	1000	Other	NA	Electronic	4.28605	4.29065
EURPLN	26-07-18	15:32-17:30			4.28505	26-07-18 16:24	3000	Other	NA	Electronic	4.28034	4.28507
EURPLN	27-07-18	13:32-15:30			4.2813	27-07-18 13:33	1000	Other	NA	Electronic	4.2813	4.28571
EURPLN	30-07-18	15:32-17:30			4.26755	30-07-18 16:18	5000	Other	NA	Electronic	4.26755	4.27221
EURPLN	31-07-18	13:32-15:30			4.2814	31-07-18 14:48	7000	Other	NA	Electronic	4.27715	4.2814
EURPLN	31-07-18	15:32-17:30			4.27218	31-07-18 16:47	3000	Other	NA	Electronic	4.26734	4.27218
EURPLN	01-08-18	09:32-11:30			4.27465	01-08-18 10:21	1000	Other	NA	Electronic	4.27005	4.27465
EURPLN	01-08-18	11:32-13:30			4.27435	01-08-18 12:16	1000	Other	NA	Electronic	4.26978	4.27435
EURPLN	02-08-18	09:32-11:30			4.27995	02-08-18 10:40	10000	Other	NA	Electronic	4.27995	4.28455
EURPLN	02-08-18	11:32-13:30			4.27735	02-08-18 12:11	1000	Other	NA	Electronic	4.27735	4.28165
EURPLN	06-08-18	09:32-11:30			4.27091	06-08-18 09:45	1000	Other	NA	Electronic	4.27091	4.27508
EURPLN	07-08-18	09:32-11:30			4.25411	07-08-18 09:45	1000	Other	NA	Electronic	4.25411	4.25848
EURPLN	07-08-18	11:32-13:30			4.24841	07-08-18 12:01	3000	Other	NA	Electronic	4.24841	4.25278
EURPLN	07-08-18	15:32-17:30			4.25411	07-08-18 16:00	20000	Other	NA	Electronic	4.25411	4.25899

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EURPLN	08-08-18	09:32-11:30			4.26042	08-08-18 10:38	5000	Other	NA	Electronic	4.26042	4.26508
EURPLN	09-08-18	09:32-11:30			4.26502	09-08-18 09:33	1000	Other	NA	Electronic	4.26502	4.26948
EURPLN	10-08-18	13:32-15:30			4.27055	10-08-18 14:42	2000	Other	NA	Electronic	4.27055	4.27649
EURPLN	14-08-18	13:32-15:30			4.30668	14-08-18 15:02	1000	Other	NA	Electronic	4.30196	4.30668
EURPLN	15-08-18	09:32-11:30			4.33009	15-08-18 10:33	10000	Other	NA	Electronic	4.32481	4.33029
EURPLN	15-08-18	13:32-15:30			4.33468	15-08-18 13:43	2000	Other	NA	Electronic	4.32992	4.33468
EURPLN	16-08-18	13:32-15:30			4.30032	16-08-18 15:15	1000	Other	NA	Electronic	4.30032	4.30479
EURPLN	17-08-18	09:32-11:30			4.31318	17-08-18 09:52	2000	Other	NA	Electronic	4.30832	4.31318
EURPLN	17-08-18	11:32-13:30			4.30782	17-08-18 12:44	1000	Other	NA	Electronic	4.30782	4.31268
EURPLN	23-08-18	09:32-11:30			4.27672	23-08-18 11:11	1000	Other	NA	Electronic	4.27672	4.28148
EURPLN	23-08-18	15:32-17:30			4.29278	23-08-18 15:51	1000	Other	NA	Electronic	4.28801	4.29278
EURPLN	24-08-18	11:32-13:30			4.27721	24-08-18 12:10	1000	Other	NA	Electronic	4.27721	4.28178
EURPLN	27-08-18	11:32-13:30			4.27678	27-08-18 11:43	3000	Other	NA	Electronic	4.27202	4.27678
EURPLN	28-08-18	09:32-11:30			4.27122	28-08-18 09:58	2000	Other	NA	Electronic	4.27122	4.27592
EURPLN	28-08-18	11:32-13:30			4.27289	28-08-18 12:38	3000	Other	NA	Electronic	4.26841	4.27289

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EURPLN	30-08-18	15:32-17:30			4.30128	30-08-18 15:52	1000	Other	NA	Electronic	4.29642	4.30128
EURPLN	03-09-18	13:32-15:30			4.28691	03-09-18 15:04	1000	Other	NA	Electronic	4.28691	4.29169
EURPLN	04-09-18	09:32-11:30			4.30481	04-09-18 10:55	1000	Other	NA	Electronic	4.30481	4.30908
EURPLN	06-09-18	09:32-11:30			4.32452	06-09-18 09:37	1000	Other	NA	Electronic	4.32452	4.32889
EURPLN	06-09-18	11:32-13:30			4.31649	06-09-18 12:40	2000	Other	NA	Electronic	4.31201	4.31649
EURPLN	13-09-18	11:32-13:30			4.29991	13-09-18 12:45	4000	Other	NA	Electronic	4.29991	4.30439
EURPLN	18-09-18	09:32-11:30			4.29861	18-09-18 09:47	2000	Other	NA	Electronic	4.29852	4.30297
EURPLN	18-09-18	15:32-17:30			4.29218	18-09-18 16:18	2000	Other	NA	Electronic	4.28732	4.29218
EURPLN	19-09-18	09:32-11:30			4.29534	19-09-18 09:40	4000	Other	NA	Electronic	4.29091	4.29534
EURPLN	19-09-18	11:32-13:30			4.29197	19-09-18 12:44	1000	Other	NA	Electronic	4.29197	4.29619
EURPLN	26-09-18	11:32-13:30			4.27821	26-09-18 12:53	4000	Other	NA	Electronic	4.27821	4.28229
EURPLN	27-09-18	13:32-15:30			4.27369	27-09-18 15:06	1000	Other	NA	Electronic	4.26919	4.27369
EURPLN	28-09-18	09:32-11:30			4.27431	28-09-18 11:15	1000	Other	NA	Electronic	4.27431	4.27849
EURPLN.	02-07-18	15:32-17:30			4.401	02-07-18 15:56	21000	Other	NA	Electronic	4.401	4.40345
EURPLN.	04-07-18	09:32-11:30			4.38955	04-07-18 09:47	35000	Other	NA	Electronic	4.38732	4.38955

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EURPLN.	04-07-18	11:32-13:30			4.37955	04-07-18 12:31	21000	Other	NA	Electronic	4.37715	4.37955
EURPLN.	05-07-18	11:32-13:30			4.35305	05-07-18 13:13	51000	Other	NA	Electronic	4.35075	4.35305
EURPLN.	06-07-18	15:32-17:30			4.35788	06-07-18 16:56	1000	Other	NA	Electronic	4.3553	4.35788
EURPLN.	09-07-18	09:32-11:30			4.33545	09-07-18 10:35	5000	Other	NA	Electronic	4.33343	4.33545
EURPLN.	09-07-18	15:32-17:30			4.31356	09-07-18 16:24	31000	Other	NA	Electronic	4.31135	4.31356
EURPLN.	10-07-18	11:32-13:30			4.32185	10-07-18 12:39	1000	Other	NA	Electronic	4.31975	4.32185
EURPLN.	10-07-18	15:32-17:30			4.31871	10-07-18 16:19	1000	Other	NA	Electronic	4.31615	4.31871
EURPLN.	13-07-18	15:32-17:30			4.31519	13-07-18 16:12	1000	Other	NA	Electronic	4.31245	4.31519
EURPLN.	17-07-18	13:32-15:30			4.29075	17-07-18 14:35	1000	Other	NA	Electronic	4.29075	4.29285
EURPLN.	18-07-18	09:32-11:30			4.31045	18-07-18 09:56	1000	Other	NA	Electronic	4.3083	4.31045
EURPLN.	20-07-18	11:32-13:30			4.31595	20-07-18 12:55	1000	Other	NA	Electronic	4.31365	4.31595
EURPLN.	24-07-18	13:32-15:30			4.30078	24-07-18 14:16	1000	Other	NA	Electronic	4.30076	4.30335
EURPLN.	01-08-18	09:32-11:30			4.27197	01-08-18 10:32	1000	Other	NA	Electronic	4.27197	4.2742
EURPLN.	03-08-18	09:32-11:30			4.27561	03-08-18 09:37	1000	Other	NA	Electronic	4.27561	4.27789
EURPLN.	10-08-18	13:32-15:30			4.28132	10-08-18 13:43	1000	Other	NA	Electronic	4.28132	4.28629

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EURPLN.	15-08-18	09:32-11:30			4.32451	15-08-18 10:32	1000	Other	NA	Electronic	4.32451	4.32658
EURPLN.	15-08-18	11:32-13:30			4.32581	15-08-18 12:40	10000	Other	NA	Electronic	4.32581	4.32818
EURPLN.	15-08-18	13:32-15:30			4.33438	15-08-18 13:48	2000	Other	NA	Electronic	4.33202	4.33438
EURPLN.	27-08-18	11:32-13:30			4.26972	27-08-18 12:21	1000	Other	NA	Electronic	4.26972	4.27228
EURPLN.	27-08-18	13:32-15:30			4.26562	27-08-18 14:52	1000	Other	NA	Electronic	4.26562	4.26779
EURPLN.	30-08-18	15:32-17:30			4.30118	30-08-18 16:01	1000	Other	NA	Electronic	4.29842	4.30118
EURPLN.	04-09-18	09:32-11:30			4.30879	04-09-18 11:12	1000	Other	NA	Electronic	4.30662	4.30879
EURPLN.	05-09-18	11:32-13:30			4.32329	05-09-18 12:59	3000	Other	NA	Electronic	4.32106	4.32329
EURPLN.	05-09-18	15:32-17:30			4.33137	05-09-18 15:39	1000	Other	NA	Electronic	4.33151	4.33348
EURPLN.	10-09-18	11:32-13:30			4.31831	10-09-18 12:35	10000	Other	NA	Electronic	4.31831	4.32049
EURPLN.	10-09-18	13:32-15:30			4.31568	10-09-18 15:13	10000	Other	NA	Electronic	4.31351	4.31568
EURPLN.	11-09-18	09:32-11:30			4.31082	11-09-18 11:28	10000	Other	NA	Electronic	4.31082	4.31302
EURPLN.	11-09-18	11:30-11:32	4.31279	10000								
EURPLN.	20-09-18	13:32-15:30			4.29938	20-09-18 14:41	10000	Other	NA	Electronic	4.29701	4.29938
EURPLN.	20-09-18	15:32-17:30			4.29549	20-09-18 16:09	50000	Other	NA	Electronic	4.29292	4.29549

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLN.	21-09-18	13:32-15:30			4.30198	21-09-18 13:52	1000	Other	NA	Electronic	4.29981	4.30198
EURPLNmicro	02-07-18	09:32-11:30			4.38838	02-07-18 10:05	3000	Other	NA	Electronic	4.38825	4.39285
EURPLNmicro	02-07-18	11:32-13:30			4.39235	02-07-18 11:43	1000	Other	NA	Electronic	4.38795	4.39235
EURPLNmicro	02-07-18	13:30-13:32	4.40295	5010								
EURPLNmicro	02-07-18	15:32-17:30			4.40055	02-07-18 15:32	500	Other	NA	Electronic	4.40055	4.40515
EURPLNmicro	03-07-18	09:32-11:30			4.39815	03-07-18 09:37	500	Other	NA	Electronic	4.39373	4.39815
EURPLNmicro	03-07-18	11:32-13:30			4.39955	03-07-18 11:32	7500	Other	NA	Electronic	4.39515	4.39955
EURPLNmicro	03-07-18	13:32-15:30			4.39019	03-07-18 14:06	500	Other	NA	Electronic	4.39019	4.39455
EURPLNmicro	03-07-18	15:32-17:30			4.39106	03-07-18 15:43	100	Other	NA	Electronic	4.39106	4.39582
EURPLNmicro	04-07-18	09:30-09:32	4.39325	1000								
EURPLNmicro	04-07-18	11:32-13:30			4.38015	04-07-18 12:00	1000	Other	NA	Electronic	4.3757	4.38015
EURPLNmicro	04-07-18	13:32-15:30			4.37655	04-07-18 14:29	200	Other	NA	Electronic	4.37655	4.38095
EURPLNmicro	04-07-18	15:32-17:30			4.38455	04-07-18 16:58	100	Other	NA	Electronic	4.37962	4.38455
EURPLNmicro	05-07-18	09:32-11:30			4.37295	05-07-18 09:42	100	Other	NA	Electronic	4.37295	4.37729
EURPLNmicro	05-07-18	11:32-13:30			4.36195	05-07-18 11:35	10000	Other	NA	Electronic	4.35735	4.36195

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EURPLNmicro	05-07-18	13:32-15:30			4.35345	05-07-18 13:33	1500	Other	NA	Electronic	4.34895	4.35345
EURPLNmicro	05-07-18	15:32-17:30			4.35765	05-07-18 15:41	500	Other	NA	Electronic	4.35265	4.35765
EURPLNmicro	06-07-18	09:32-11:30			4.35945	06-07-18 09:42	100	Other	NA	Electronic	4.35945	4.3639
EURPLNmicro	06-07-18	11:32-13:30			4.36977	06-07-18 11:45	100	Other	NA	Electronic	4.36535	4.36977
EURPLNmicro	06-07-18	13:30-13:32	4.35523	2000								
EURPLNmicro	06-07-18	15:32-17:30			4.35985	06-07-18 16:11	10000	Other	NA	Electronic	4.35985	4.36495
EURPLNmicro	09-07-18	09:32-11:30			4.32855	09-07-18 09:39	500	Other	NA	Electronic	4.32855	4.33281
EURPLNmicro	09-07-18	11:32-13:30			4.32295	09-07-18 11:34	30	Other	NA	Electronic	4.32295	4.32722
EURPLNmicro	09-07-18	13:32-15:30			4.32525	09-07-18 13:43	1500	Other	NA	Electronic	4.32095	4.32525
EURPLNmicro	09-07-18	15:30-15:32	4.32135	500								
EURPLNmicro	10-07-18	09:32-11:30			4.32885	10-07-18 09:43	10	Other	NA	Electronic	4.32885	4.33335
EURPLNmicro	10-07-18	11:32-13:30			4.32251	10-07-18 11:43	150	Other	NA	Electronic	4.32251	4.32706
EURPLNmicro	10-07-18	13:32-15:30			4.31705	10-07-18 14:03	500	Other	NA	Electronic	4.31705	4.32125
EURPLNmicro	10-07-18	15:32-17:30			4.31975	10-07-18 16:54	1000	Other	NA	Electronic	4.31545	4.31975
EURPLNmicro	11-07-18	09:32-11:30			4.32893	11-07-18 10:59	100	Other	NA	Electronic	4.32435	4.32893



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EURPLNmicro	11-07-18	11:32-13:30			4.3179	11-07-18 12:33	220	Other	NA	Electronic	4.3179	4.32265
EURPLNmicro	11-07-18	13:32-15:30			4.32625	11-07-18 14:32	1000	Other	NA	Electronic	4.32186	4.32625
EURPLNmicro	11-07-18	15:32-17:30			4.33072	11-07-18 16:20	1000	Other	NA	Electronic	4.33072	4.33575
EURPLNmicro	12-07-18	15:32-17:30			4.31625	12-07-18 16:32	1000	Other	NA	Electronic	4.31135	4.31625
EURPLNmicro	13-07-18	09:32-11:30			4.32665	13-07-18 10:17	50	Other	NA	Electronic	4.32665	4.33105
EURPLNmicro	13-07-18	11:32-13:30			4.31685	13-07-18 13:18	300	Other	NA	Electronic	4.31685	4.32125
EURPLNmicro	13-07-18	13:32-15:30			4.32329	13-07-18 13:39	1000	Other	NA	Electronic	4.31935	4.32329
EURPLNmicro	13-07-18	15:30-15:32	4.31711	10								
EURPLNmicro	16-07-18	09:32-11:30			4.30791	16-07-18 09:46	1000	Other	NA	Electronic	4.30345	4.30791
EURPLNmicro	16-07-18	11:32-13:30			4.29905	16-07-18 12:07	500	Other	NA	Electronic	4.29905	4.30359
EURPLNmicro	16-07-18	13:32-15:30			4.30866	16-07-18 14:01	100	Other	NA	Electronic	4.30413	4.30866
EURPLNmicro	16-07-18	15:32-17:30			4.30665	16-07-18 15:48	100	Other	NA	Electronic	4.30665	4.31155
EURPLNmicro	17-07-18	09:30-09:32	4.30265	10								
EURPLNmicro	17-07-18	11:32-13:30			4.29735	17-07-18 12:40	140	Other	NA	Electronic	4.29285	4.29735
EURPLNmicro	17-07-18	13:32-15:30			4.29394	17-07-18 13:58	110	Other	NA	Electronic	4.29394	4.29814

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EURPLNmicro	17-07-18	15:32-17:30			4.29855	17-07-18 15:42	100	Other	NA	Electronic	4.29404	4.29855
EURPLNmicro	18-07-18	09:32-11:30			4.30385	18-07-18 09:42	50	Other	NA	Electronic	4.30385	4.30765
EURPLNmicro	18-07-18	11:32-13:30			4.30655	18-07-18 11:45	10	Other	NA	Electronic	4.30645	4.31108
EURPLNmicro	18-07-18	13:32-15:30			4.30612	18-07-18 15:19	1000	Other	NA	Electronic	4.30612	4.31087
EURPLNmicro	18-07-18	15:32-17:30			4.31055	18-07-18 16:38	100	Other	NA	Electronic	4.30585	4.31055
EURPLNmicro	19-07-18	09:32-11:30			4.31702	19-07-18 09:48	110	Other	NA	Electronic	4.31702	4.32175
EURPLNmicro	19-07-18	11:32-13:30			4.32689	19-07-18 12:03	20	Other	NA	Electronic	4.32689	4.33155
EURPLNmicro	19-07-18	13:30-13:32	4.3286	220								
EURPLNmicro	19-07-18	15:32-17:30			4.33335	19-07-18 15:45	120	Other	NA	Electronic	4.33335	4.33805
EURPLNmicro	20-07-18	09:30-09:32	4.32551	100								
EURPLNmicro	20-07-18	11:32-13:30			4.31887	20-07-18 11:44	1000	Other	NA	Electronic	4.31887	4.32302
EURPLNmicro	20-07-18	13:30-13:32	4.31715	2000								
EURPLNmicro	20-07-18	15:32-17:30			4.32517	20-07-18 15:43	1000	Other	NA	Electronic	4.32517	4.32963
EURPLNmicro	23-07-18	09:32-11:30			4.32835	23-07-18 09:54	100	Other	NA	Electronic	4.32415	4.32835
EURPLNmicro	23-07-18	11:32-13:30			4.32247	23-07-18 12:56	100	Other	NA	Electronic	4.32247	4.32675

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EURPLNmicro	23-07-18	13:32-15:30			4.33028	23-07-18 13:52	100	Other	NA	Electronic	4.32585	4.33028
EURPLNmicro	23-07-18	15:32-17:30			4.32259	23-07-18 15:34	250	Other	NA	Electronic	4.32259	4.32722
EURPLNmicro	24-07-18	09:32-11:30			4.32086	24-07-18 10:25	300	Other	NA	Electronic	4.31645	4.32086
EURPLNmicro	24-07-18	11:32-13:30			4.31465	24-07-18 11:58	500	Other	NA	Electronic	4.31465	4.31915
EURPLNmicro	24-07-18	13:32-15:30			4.30938	24-07-18 13:53	500	Other	NA	Electronic	4.3047	4.30931
EURPLNmicro	24-07-18	15:32-17:30			4.29885	24-07-18 16:14	3000	Other	NA	Electronic	4.29483	4.29885
EURPLNmicro	25-07-18	09:32-11:30			4.29912	25-07-18 09:48	500	Other	NA	Electronic	4.29507	4.29955
EURPLNmicro	25-07-18	11:32-13:30			4.29587	25-07-18 12:32	100	Other	NA	Electronic	4.29587	4.30015
EURPLNmicro	25-07-18	13:32-15:30			4.30255	25-07-18 14:38	2500	Other	NA	Electronic	4.29813	4.30255
EURPLNmicro	25-07-18	15:32-17:30			4.30467	25-07-18 15:36	100	Other	NA	Electronic	4.30467	4.30925
EURPLNmicro	26-07-18	09:32-11:30			4.29065	26-07-18 09:43	100	Other	NA	Electronic	4.28595	4.29065
EURPLNmicro	26-07-18	11:32-13:30			4.28586	26-07-18 11:44	30	Other	NA	Electronic	4.28588	4.29045
EURPLNmicro	26-07-18	13:32-15:30			4.28365	26-07-18 13:59	100	Other	NA	Electronic	4.28365	4.28825
EURPLNmicro	26-07-18	15:32-17:30			4.28035	26-07-18 16:38	100	Other	NA	Electronic	4.28035	4.28502
EURPLNmicro	27-07-18	09:32-11:30			4.29563	27-07-18 09:36	300	Other	NA	Electronic	4.29115	4.29563

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EURPLNmicro	27-07-18	11:32-13:30			4.28655	27-07-18 12:30	200	Other	NA	Electronic	4.28019	4.28655
EURPLNmicro	27-07-18	13:32-15:30			4.28225	27-07-18 14:14	1000	Other	NA	Electronic	4.27775	4.28225
EURPLNmicro	27-07-18	15:32-17:30			4.27972	27-07-18 16:58	30	Other	NA	Electronic	4.27972	4.28445
EURPLNmicro	30-07-18	09:32-11:30			4.27985	30-07-18 11:12	500	Other	NA	Electronic	4.27535	4.27985
EURPLNmicro	30-07-18	11:30-11:32	4.27529	600								
EURPLNmicro	30-07-18	13:32-15:30			4.27495	30-07-18 14:09	2500	Other	NA	Electronic	4.27495	4.27925
EURPLNmicro	30-07-18	15:32-17:30			4.27251	30-07-18 16:52	400	Other	NA	Electronic	4.26775	4.27251
EURPLNmicro	31-07-18	09:32-11:30			4.27859	31-07-18 09:47	40	Other	NA	Electronic	4.27859	4.28305
EURPLNmicro	31-07-18	13:32-15:30			4.2758	31-07-18 14:00	300	Other	NA	Electronic	4.27595	4.28004
EURPLNmicro	31-07-18	15:32-17:30			4.27377	31-07-18 16:06	100	Other	NA	Electronic	4.27377	4.27845
EURPLNmicro	01-08-18	09:32-11:30			4.27355	01-08-18 09:43	1300	Other	NA	Electronic	4.27355	4.27791
EURPLNmicro	01-08-18	11:32-13:30			4.27473	01-08-18 12:16	1010	Other	NA	Electronic	4.27015	4.27473
EURPLNmicro	01-08-18	13:32-15:30			4.26511	01-08-18 13:36	100	Other	NA	Electronic	4.26025	4.26517
EURPLNmicro	01-08-18	15:32-17:30			4.2642	01-08-18 15:44	400	Other	NA	Electronic	4.25915	4.26431
EURPLNmicro	02-08-18	09:32-11:30			4.28275	02-08-18 09:47	40	Other	NA	Electronic	4.27815	4.28275

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EURPLNmicro	02-08-18	11:32-13:30			4.28111	02-08-18 11:52	100	Other	NA	Electronic	4.27645	4.28111
EURPLNmicro	02-08-18	13:32-15:30			4.26895	02-08-18 13:54	150	Other	NA	Electronic	4.26895	4.27316
EURPLNmicro	02-08-18	15:32-17:30			4.27298	02-08-18 15:39	7000	Other	NA	Electronic	4.26822	4.27298
EURPLNmicro	03-08-18	09:32-11:30			4.26059	03-08-18 11:11	200	Other	NA	Electronic	4.25621	4.26059
EURPLNmicro	03-08-18	11:32-13:30			4.26169	03-08-18 12:32	100	Other	NA	Electronic	4.25661	4.26169
EURPLNmicro	03-08-18	13:32-15:30			4.25798	03-08-18 13:34	5000	Other	NA	Electronic	4.25332	4.25798
EURPLNmicro	03-08-18	15:32-17:30			4.26108	03-08-18 15:48	1000	Other	NA	Electronic	4.25572	4.26108
EURPLNmicro	06-08-18	09:32-11:30			4.27071	06-08-18 10:01	700	Other	NA	Electronic	4.27071	4.27479
EURPLNmicro	06-08-18	13:32-15:30			4.26902	06-08-18 13:38	40	Other	NA	Electronic	4.26902	4.27339
EURPLNmicro	06-08-18	15:32-17:30			4.25346	06-08-18 16:54	20	Other	NA	Electronic	4.25346	4.25838
EURPLNmicro	07-08-18	09:32-11:30			4.25628	07-08-18 09:38	200	Other	NA	Electronic	4.25182	4.25628
EURPLNmicro	07-08-18	11:32-13:30			4.25728	07-08-18 11:39	100	Other	NA	Electronic	4.25281	4.25728
EURPLNmicro	07-08-18	13:32-15:30			4.25462	07-08-18 14:57	200	Other	NA	Electronic	4.25462	4.25908
EURPLNmicro	07-08-18	15:32-17:30			4.25929	07-08-18 17:26	100	Other	NA	Electronic	4.25471	4.25929
EURPLNmicro	08-08-18	09:32-11:30			4.26448	08-08-18 10:02	200	Other	NA	Electronic	4.26002	4.26448

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EURPLNmicro	08-08-18	11:32-13:30			4.26568	08-08-18 12:52	100	Other	NA	Electronic	4.26131	4.26568
EURPLNmicro	08-08-18	13:32-15:30			4.25791	08-08-18 14:24	100	Other	NA	Electronic	4.25791	4.26208
EURPLNmicro	09-08-18	09:32-11:30			4.27208	09-08-18 10:28	100	Other	NA	Electronic	4.26752	4.27208
EURPLNmicro	09-08-18	13:32-15:30			4.27092	09-08-18 13:46	100	Other	NA	Electronic	4.27092	4.27568
EURPLNmicro	09-08-18	15:32-17:30			4.27652	09-08-18 16:17	100	Other	NA	Electronic	4.27652	4.28118
EURPLNmicro	10-08-18	09:32-11:30			4.29578	10-08-18 09:39	300	Other	NA	Electronic	4.29112	4.29578
EURPLNmicro	10-08-18	11:32-13:30			4.28901	10-08-18 12:13	330	Other	NA	Electronic	4.28901	4.29389
EURPLNmicro	10-08-18	13:32-15:30			4.28368	10-08-18 14:16	10	Other	NA	Electronic	4.27862	4.28368
EURPLNmicro	10-08-18	15:32-17:30			4.29322	10-08-18 16:54	100	Other	NA	Electronic	4.29322	4.29888
EURPLNmicro	13-08-18	09:32-11:30			4.31839	13-08-18 09:51	100	Other	NA	Electronic	4.31351	4.31839
EURPLNmicro	13-08-18	11:32-13:30			4.29549	13-08-18 12:29	200	Other	NA	Electronic	4.29001	4.29549
EURPLNmicro	13-08-18	13:30-13:32	4.29949	12050								
EURPLNmicro	13-08-18	15:32-17:30			4.31342	13-08-18 16:12	100	Other	NA	Electronic	4.31342	4.31778
EURPLNmicro	14-08-18	09:32-11:30			4.30391	14-08-18 10:04	200	Other	NA	Electronic	4.30391	4.30868
EURPLNmicro	14-08-18	11:32-13:30			4.29909	14-08-18 13:21	7050	Other	NA	Electronic	4.29482	4.29909

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EURPLNmicro	14-08-18	13:32-15:30			4.30011	14-08-18 13:36	7050	Other	NA	Electronic	4.30011	4.30449
EURPLNmicro	14-08-18	15:32-17:30			4.30302	14-08-18 16:03	50	Other	NA	Electronic	4.30302	4.30788
EURPLNmicro	15-08-18	09:32-11:30			4.32071	15-08-18 09:34	100	Other	NA	Electronic	4.32071	4.32599
EURPLNmicro	15-08-18	11:32-13:30			4.32772	15-08-18 11:54	100	Other	NA	Electronic	4.32772	4.33248
EURPLNmicro	15-08-18	13:32-15:30			4.32972	15-08-18 13:42	10	Other	NA	Electronic	4.32972	4.33407
EURPLNmicro	15-08-18	15:32-17:30			4.33111	15-08-18 16:07	100	Other	NA	Electronic	4.33111	4.33599
EURPLNmicro	16-08-18	09:32-11:30			4.30918	16-08-18 10:15	100	Other	NA	Electronic	4.30472	4.30918
EURPLNmicro	16-08-18	15:32-17:30			4.30668	16-08-18 15:40	100	Other	NA	Electronic	4.30192	4.30668
EURPLNmicro	17-08-18	13:32-15:30			4.30152	17-08-18 14:17	200	Other	NA	Electronic	4.30152	4.30608
EURPLNmicro	17-08-18	15:32-17:30			4.29611	17-08-18 16:51	100	Other	NA	Electronic	4.29611	4.30108
EURPLNmicro	20-08-18	09:32-11:30			4.29871	20-08-18 10:09	30	Other	NA	Electronic	4.29871	4.30318
EURPLNmicro	20-08-18	13:32-15:30			4.30969	20-08-18 13:47	100	Other	NA	Electronic	4.30512	4.30969
EURPLNmicro	21-08-18	13:32-15:30			4.29902	21-08-18 14:00	200	Other	NA	Electronic	4.29902	4.30388
EURPLNmicro	21-08-18	15:30-15:32	4.29768	20								
EURPLNmicro	22-08-18	09:32-11:30			4.28372	22-08-18 09:50	10	Other	NA	Electronic	4.28372	4.28851

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLNmicro	24-08-18	11:32-13:30			4.27654	24-08-18 13:15	10	Other	NA	Electronic	4.27654	4.28138
EURPLNmicro	24-08-18	13:32-15:30			4.27638	24-08-18 15:05	100	Other	NA	Electronic	4.27142	4.27638
EURPLNmicro	27-08-18	11:32-13:30			4.26871	27-08-18 13:07	10	Other	NA	Electronic	4.26871	4.27328
EURPLNmicro	27-08-18	13:32-15:30			4.26852	27-08-18 14:23	40	Other	NA	Electronic	4.26852	4.27328
EURPLNmicro	27-08-18	15:32-17:30			4.26958	27-08-18 15:46	100	Other	NA	Electronic	4.26452	4.26958
EURPLNmicro	28-08-18	09:32-11:30			4.27092	28-08-18 09:50	200	Other	NA	Electronic	4.27092	4.27568
EURPLNmicro	28-08-18	11:32-13:30			4.27349	28-08-18 11:55	5000	Other	NA	Electronic	4.26912	4.27359
EURPLNmicro	28-08-18	15:32-17:30			4.26521	28-08-18 15:55	30	Other	NA	Electronic	4.26521	4.26978
EURPLNmicro	29-08-18	09:32-11:30			4.28718	29-08-18 09:35	10	Other	NA	Electronic	4.28252	4.28718
EURPLNmicro	29-08-18	13:32-15:30			4.28677	29-08-18 13:46	1000	Other	NA	Electronic	4.28677	4.29118
EURPLNmicro	29-08-18	15:32-17:30			4.28492	29-08-18 16:40	100	Other	NA	Electronic	4.28492	4.28988
EURPLNmicro	30-08-18	11:32-13:30			4.29113	30-08-18 12:58	1000	Other	NA	Electronic	4.29113	4.2954
EURPLNmicro	30-08-18	13:32-15:30			4.29622	30-08-18 14:15	100	Other	NA	Electronic	4.29181	4.29622
EURPLNmicro	30-08-18	15:32-17:30			4.29851	30-08-18 16:09	4000	Other	NA	Electronic	4.29851	4.30359
EURPLNmicro	31-08-18	09:32-11:30			4.29268	31-08-18 09:56	10	Other	NA	Electronic	4.29268	4.29727



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLNmicro	31-08-18	11:32-13:30			4.2889	31-08-18 12:13	100	Other	NA	Electronic	4.2889	4.29338
EURPLNmicro	31-08-18	13:32-15:30			4.28683	31-08-18 14:01	100	Other	NA	Electronic	4.28683	4.29158
EURPLNmicro	31-08-18	15:32-17:30			4.30018	31-08-18 16:15	100	Other	NA	Electronic	4.29559	4.30018
EURPLNmicro	03-09-18	09:32-11:30			4.29326	03-09-18 11:05	400	Other	NA	Electronic	4.28861	4.29326
EURPLNmicro	03-09-18	15:32-17:30			4.28901	03-09-18 16:11	500	Other	NA	Electronic	4.28901	4.29389
EURPLNmicro	04-09-18	09:32-11:30			4.30571	04-09-18 10:39	100	Other	NA	Electronic	4.30571	4.30979
EURPLNmicro	04-09-18	11:32-13:30			4.29962	04-09-18 13:20	40	Other	NA	Electronic	4.29962	4.30428
EURPLNmicro	04-09-18	13:32-15:30			4.31129	04-09-18 14:49	100	Other	NA	Electronic	4.31129	4.31549
EURPLNmicro	05-09-18	09:32-11:30			4.32001	05-09-18 09:49	30	Other	NA	Electronic	4.32001	4.32423
EURPLNmicro	05-09-18	11:32-13:30			4.31831	05-09-18 13:06	40	Other	NA	Electronic	4.31831	4.32278
EURPLNmicro	05-09-18	13:32-15:30			4.32768	05-09-18 15:08	100	Other	NA	Electronic	4.32768	4.33225
EURPLNmicro	05-09-18	15:32-17:30			4.33132	05-09-18 16:04	100	Other	NA	Electronic	4.33132	4.33628
EURPLNmicro	06-09-18	09:32-11:30			4.32784	06-09-18 10:09	100	Other	NA	Electronic	4.32342	4.32784
EURPLNmicro	06-09-18	11:32-13:30			4.30996	06-09-18 12:20	10	Other	NA	Electronic	4.30996	4.31448
EURPLNmicro	06-09-18	13:32-15:30			4.32391	06-09-18 14:20	3000	Other	NA	Electronic	4.31962	4.32391

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLNmicro	06-09-18	15:32-17:30			4.32012	06-09-18 16:54	100	Other	NA	Electronic	4.32012	4.32508
EURPLNmicro	07-09-18	09:32-11:30			4.30972	07-09-18 10:18	100	Other	NA	Electronic	4.30531	4.30972
EURPLNmicro	07-09-18	11:32-13:30			4.30481	07-09-18 11:46	400	Other	NA	Electronic	4.30481	4.30929
EURPLNmicro	07-09-18	13:32-15:30			4.31128	07-09-18 13:33	2000	Other	NA	Electronic	4.31128	4.31568
EURPLNmicro	10-09-18	09:32-11:30			4.31253	10-09-18 09:33	100	Other	NA	Electronic	4.30831	4.31253
EURPLNmicro	10-09-18	11:32-13:30			4.32228	10-09-18 12:43	300	Other	NA	Electronic	4.31792	4.32228
EURPLNmicro	10-09-18	13:32-15:30			4.31628	10-09-18 15:19	20	Other	NA	Electronic	4.31172	4.31628
EURPLNmicro	10-09-18	15:32-17:30			4.31609	10-09-18 15:54	3000	Other	NA	Electronic	4.31162	4.31609
EURPLNmicro	11-09-18	09:32-11:30			4.30952	11-09-18 09:48	100	Other	NA	Electronic	4.30942	4.31388
EURPLNmicro	11-09-18	15:32-17:30			4.30362	11-09-18 16:15	100	Other	NA	Electronic	4.30362	4.30848
EURPLNmicro	12-09-18	09:32-11:30			4.30682	12-09-18 10:23	50	Other	NA	Electronic	4.30682	4.31119
EURPLNmicro	12-09-18	11:32-13:30			4.31179	12-09-18 12:34	100	Other	NA	Electronic	4.30742	4.31179
EURPLNmicro	12-09-18	13:32-15:30			4.30817	12-09-18 15:17	5000	Other	NA	Electronic	4.30371	4.30817
EURPLNmicro	12-09-18	15:32-17:30			4.31189	12-09-18 16:00	200	Other	NA	Electronic	4.30742	4.31189
EURPLNmicro	13-09-18	09:32-11:30			4.31471	13-09-18 10:33	10000	Other	NA	Electronic	4.31471	4.31879

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURPLNmicro	13-09-18	11:32-13:30			4.31339	13-09-18 12:21	2010	Other	NA	Electronic	4.3091	4.31339
EURPLNmicro	13-09-18	13:32-15:30			4.30696	13-09-18 14:23	200	Other	NA	Electronic	4.30241	4.30696
EURPLNmicro	14-09-18	15:32-17:30			4.31308	14-09-18 16:33	100	Other	NA	Electronic	4.30822	4.31308
EURPLNmicro	17-09-18	09:32-11:30			4.30308	17-09-18 11:20	50	Other	NA	Electronic	4.29871	4.30308
EURPLNmicro	17-09-18	11:32-13:30			4.29502	17-09-18 12:53	140	Other	NA	Electronic	4.29502	4.29948
EURPLNmicro	18-09-18	09:32-11:30			4.30231	18-09-18 10:45	100	Other	NA	Electronic	4.30231	4.30668
EURPLNmicro	18-09-18	11:30-11:32	4.29771	400								
EURPLNmicro	18-09-18	13:32-15:30			4.29789	18-09-18 13:33	100	Other	NA	Electronic	4.29371	4.29789
EURPLNmicro	18-09-18	15:32-17:30			4.28852	18-09-18 15:43	200	Other	NA	Electronic	4.28852	4.29348
EURPLNmicro	19-09-18	09:32-11:30			4.29382	19-09-18 10:25	200	Other	NA	Electronic	4.29382	4.29818
EURPLNmicro	19-09-18	11:32-13:30			4.29659	19-09-18 12:30	100	Other	NA	Electronic	4.29211	4.29659
EURPLNmicro	19-09-18	13:32-15:30			4.28831	19-09-18 14:07	140	Other	NA	Electronic	4.28831	4.29269
EURPLNmicro	19-09-18	15:32-17:30			4.28817	19-09-18 15:41	200	Other	NA	Electronic	4.28352	4.28817
EURPLNmicro	20-09-18	09:32-11:30			4.29429	20-09-18 10:14	100	Other	NA	Electronic	4.29021	4.29429
EURPLNmicro	20-09-18	11:32-13:30			4.28892	20-09-18 12:27	50	Other	NA	Electronic	4.28892	4.29332

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EURPLNmicro	20-09-18	13:32-15:30			4.29954	20-09-18 13:55	190	Other	NA	Electronic	4.29491	4.29954
EURPLNmicro	20-09-18	15:32-17:30			4.29729	20-09-18 16:32	100	Other	NA	Electronic	4.29281	4.29729
EURPLNmicro	21-09-18	11:32-13:30			4.29257	21-09-18 11:39	340	Other	NA	Electronic	4.29257	4.29708
EURPLNmicro	21-09-18	13:32-15:30			4.30162	21-09-18 15:21	100	Other	NA	Electronic	4.30162	4.30629
EURPLNmicro	21-09-18	15:32-17:30			4.30052	21-09-18 16:36	40	Other	NA	Electronic	4.30052	4.30519
EURPLNmicro	24-09-18	09:32-11:30			4.30719	24-09-18 10:02	100	Other	NA	Electronic	4.30291	4.30719
EURPLNmicro	24-09-18	11:32-13:30			4.30354	24-09-18 12:48	140	Other	NA	Electronic	4.29931	4.30354
EURPLNmicro	24-09-18	13:32-15:30			4.29771	24-09-18 14:26	20	Other	NA	Electronic	4.29771	4.30198
EURPLNmicro	24-09-18	15:32-17:30			4.29772	24-09-18 16:13	340	Other	NA	Electronic	4.29312	4.29772
EURPLNmicro	25-09-18	09:32-11:30			4.29159	25-09-18 10:21	10	Other	NA	Electronic	4.28731	4.29159
EURPLNmicro	25-09-18	11:32-13:30			4.29419	25-09-18 12:41	20	Other	NA	Electronic	4.28991	4.29409
EURPLNmicro	25-09-18	15:32-17:30			4.29449	25-09-18 16:56	100	Other	NA	Electronic	4.28972	4.29449
EURPLNmicro	26-09-18	09:32-11:30			4.28281	26-09-18 10:19	140	Other	NA	Electronic	4.28281	4.28729
EURPLNmicro	26-09-18	11:32-13:30			4.28041	26-09-18 12:05	4000	Other	NA	Electronic	4.28041	4.28479
EURPLNmicro	26-09-18	13:32-15:30			4.27899	26-09-18 15:00	5000	Other	NA	Electronic	4.27432	4.27899

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EURPLNmicro	27-09-18	09:32-11:30			4.28199	27-09-18 10:02	100	Other	NA	Electronic	4.27762	4.28199
EURPLNmicro	27-09-18	13:32-15:30			4.27578	27-09-18 13:55	100	Other	NA	Electronic	4.27151	4.27578
EURPLNmicro	28-09-18	15:32-17:30			4.28231	28-09-18 16:08	5000	Other	NA	Electronic	4.28231	4.28669
EURRUB	02-07-18	11:32-13:30			73.2145	02-07-18 12:00	1000	Other	NA	Electronic	73.2145	73.6323
EURRUB	03-07-18	09:30-09:32	73.5258	1000								
EURRUB	03-07-18	11:32-13:30			73.8624	03-07-18 11:59	1000	Other	NA	Electronic	73.4444	73.8624
EURRUB	05-07-18	13:32-15:30			74.0991	05-07-18 14:00	1000	Other	NA	Electronic	73.5439	74.0991
EURRUB	06-07-18	11:32-13:30			73.7933	06-07-18 12:34	1000	Other	NA	Electronic	73.7933	74.219
EURRUB	10-07-18	13:32-15:30			73.1812	10-07-18 13:53	17000	Other	NA	Electronic	72.7631	73.1812
EURRUB	12-07-18	13:32-15:30			72.5678	12-07-18 14:03	2000	Other	NA	Electronic	72.1499	72.5678
EURRUB	13-07-18	11:32-13:30			72.6843	13-07-18 12:15	5000	Other	NA	Electronic	72.2761	72.694
EURRUB	16-07-18	09:32-11:30			73.1001	16-07-18 10:52	1000	Other	NA	Electronic	72.685	73.1001
EURRUB	17-07-18	11:32-13:30			73.0308	17-07-18 11:37	1000	Other	NA	Electronic	73.0308	73.4489
EURRUB	17-07-18	13:32-15:30			72.8392	17-07-18 13:55	3000	Other	NA	Electronic	72.8392	73.2572
EURRUB	30-07-18	09:32-11:30			73.1927	30-07-18 11:26	1000	Other	NA	Electronic	72.7702	73.1927

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EURRUB	31-07-18	11:32-13:30			73.383	31-07-18 13:27	1000	Other	NA	Electronic	72.9648	73.383
EURRUB	01-08-18	11:32-13:30			73.1011	01-08-18 11:51	4000	Other	NA	Electronic	73.1011	73.5199
EURRUB	02-08-18	09:32-11:30			73.661	02-08-18 09:43	3000	Other	NA	Electronic	73.2461	73.661
EURRUB	08-08-18	09:32-11:30			74.4895	08-08-18 10:31	15000	Other	NA	Electronic	74.4895	74.9266
EURRUB	10-08-18	11:32-13:30			76.5651	10-08-18 12:28	1000	Other	NA	Electronic	76.5651	76.9905
EURRUB	14-08-18	09:32-11:30			76.3207	14-08-18 09:50	1000	Other	NA	Electronic	75.8927	76.3207
EURRUB	14-08-18	11:32-13:30			76.1281	14-08-18 11:44	1000	Other	NA	Electronic	75.7681	76.1281
EURRUB	14-08-18	13:32-15:30			75.3045	14-08-18 14:52	5000	Other	NA	Electronic	75.3045	75.7455
EURRUB	15-08-18	11:32-13:30			76.3966	15-08-18 13:04	5000	Other	NA	Electronic	75.9195	76.4599
EURRUB	23-08-18	11:32-13:30			78.2895	23-08-18 12:30	15000	Other	NA	Electronic	78.2895	78.7655
EURRUB	27-08-18	11:32-13:30			77.9945	27-08-18 11:47	1000	Other	NA	Electronic	77.9945	78.4285
EURRUB	28-08-18	13:32-15:30			79.3734	28-08-18 13:50	2000	Other	NA	Electronic	79.0007	79.3734
EURRUB	29-08-18	13:32-15:30			79.5295	29-08-18 14:33	1000	Other	NA	Electronic	79.5295	79.954
EURRUB	30-08-18	09:32-11:30			79.8717	30-08-18 10:11	1000	Other	NA	Electronic	79.4445	79.8717
EURRUB	30-08-18	11:32-13:30			79.0246	30-08-18 12:14	1000	Other	NA	Electronic	79.0246	79.4441

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EURRUB	31-08-18	11:32-13:30			78.7323	31-08-18 13:12	1000	Other	NA	Electronic	78.7323	79.1225
EURRUB	31-08-18	13:32-15:30			78.8025	31-08-18 14:39	1000	Other	NA	Electronic	78.4121	78.8025
EURRUB	03-09-18	09:32-11:30			79.142	03-09-18 10:54	1000	Other	NA	Electronic	78.7582	79.142
EURRUB	06-09-18	11:32-13:30			79.6544	06-09-18 13:04	2000	Other	NA	Electronic	79.6544	80.0142
EURRUB	07-09-18	11:32-13:30			80.9692	07-09-18 12:32	2000	Other	NA	Electronic	80.6109	80.9658
EURRUB	10-09-18	13:32-15:30			81.9926	10-09-18 13:49	1000	Other	NA	Electronic	81.4495	81.9926
EURRUB	11-09-18	11:32-13:30			81.5005	11-09-18 12:33	2000	Other	NA	Electronic	81.0595	81.5005
EURRUB	14-09-18	09:32-11:30			79.1756	14-09-18 11:05	1000	Other	NA	Electronic	78.7615	79.1756
EURRUB	28-09-18	11:32-13:30			75.9016	28-09-18 12:29	1000	Other	NA	Electronic	75.9016	76.3515
EURRUB.	05-07-18	11:32-13:30			73.6271	05-07-18 12:01	5000	Other	NA	Electronic	73.6271	73.8899
EURRUB.	16-07-18	13:32-15:30			72.7545	16-07-18 13:33	1000	Other	NA	Electronic	72.7545	73.0202
EURRUB.	20-07-18	13:32-15:30			74.1814	20-07-18 14:03	25000	Other	NA	Electronic	74.1814	74.4465
EURRUB.	08-08-18	11:32-13:30			74.966	08-08-18 13:18	10000	Other	NA	Electronic	74.966	75.2416
EURRUB.	11-09-18	11:32-13:30			81.1102	11-09-18 11:33	10000	Other	NA	Electronic	81.1102	81.3502
EURRUB.	11-09-18	13:32-15:30			81.014	11-09-18 14:04	10000	Other	NA	Electronic	80.721	81.014

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EURRUB.	13-09-18	13:32-15:30			79.8389	13-09-18 14:38	3000	Other	NA	Electronic	79.5948	79.8389
EURRUB.	21-09-18	13:32-15:30			78.4782	21-09-18 13:48	1000	Other	NA	Electronic	78.2307	78.4782
EURRUBmicro	02-07-18	09:32-11:30			73.225	02-07-18 09:38	500	Other	NA	Electronic	73.225	73.6442
EURRUBmicro	03-07-18	09:32-11:30			73.9329	03-07-18 10:18	100	Other	NA	Electronic	73.5176	73.9329
EURRUBmicro	03-07-18	13:32-15:30			73.5746	03-07-18 14:20	100	Other	NA	Electronic	73.5746	73.9926
EURRUBmicro	05-07-18	11:32-13:30			73.5833	05-07-18 11:38	100	Other	NA	Electronic	73.5833	73.9969
EURRUBmicro	06-07-18	09:32-11:30			74.2618	06-07-18 11:29	100	Other	NA	Electronic	73.8456	74.2618
EURRUBmicro	06-07-18	11:32-13:30			73.9136	06-07-18 12:37	5000	Other	NA	Electronic	73.9211	74.3474
EURRUBmicro	06-07-18	13:32-15:30			73.8981	06-07-18 14:53	1100	Other	NA	Electronic	73.8981	74.3164
EURRUBmicro	09-07-18	11:32-13:30			73.6461	09-07-18 12:22	100	Other	NA	Electronic	73.6461	74.0645
EURRUBmicro	10-07-18	09:32-11:30			73.4255	10-07-18 11:18	1000	Other	NA	Electronic	73.0075	73.4255
EURRUBmicro	10-07-18	13:30-13:32	73.2041	1000								
EURRUBmicro	11-07-18	09:32-11:30			73.0515	11-07-18 09:44	100	Other	NA	Electronic	72.6361	73.0515
EURRUBmicro	11-07-18	13:32-15:30			72.6293	11-07-18 14:41	170	Other	NA	Electronic	72.2111	72.6293
EURRUBmicro	12-07-18	09:32-11:30			72.6464	12-07-18 11:05	40	Other	NA	Electronic	72.2365	72.6464



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURRUBmicro	12-07-18	13:30-13:32	72.7274	100								
EURRUBmicro	16-07-18	09:32-11:30			72.6318	16-07-18 10:33	300	Other	NA	Electronic	72.6311	73.0426
EURRUBmicro	16-07-18	13:32-15:30			73.2323	16-07-18 14:45	150	Other	NA	Electronic	72.8141	73.2323
EURRUBmicro	17-07-18	11:32-13:30			73.0446	17-07-18 11:52	100	Other	NA	Electronic	73.0446	73.4542
EURRUBmicro	18-07-18	09:32-11:30			73.4105	18-07-18 09:34	100	Other	NA	Electronic	72.9954	73.4105
EURRUBmicro	18-07-18	11:32-13:30			73.1229	18-07-18 11:46	100	Other	NA	Electronic	73.1229	73.5407
EURRUBmicro	18-07-18	13:32-15:30			73.2924	18-07-18 13:51	100	Other	NA	Electronic	73.2924	73.7103
EURRUBmicro	19-07-18	13:32-15:30			73.4585	19-07-18 14:24	100	Other	NA	Electronic	73.4585	73.8762
EURRUBmicro	20-07-18	11:32-13:30			74.007	20-07-18 13:08	2000	Other	NA	Electronic	74.007	74.4252
EURRUBmicro	20-07-18	13:32-15:30			74.555	20-07-18 13:59	2000	Other	NA	Electronic	74.1368	74.555
EURRUBmicro	24-07-18	09:32-11:30			73.6274	24-07-18 09:55	1000	Other	NA	Electronic	73.2174	73.6274
EURRUBmicro	24-07-18	11:32-13:30			73.6234	24-07-18 12:35	1000	Other	NA	Electronic	73.2083	73.6234
EURRUBmicro	25-07-18	11:32-13:30			73.3733	25-07-18 11:59	100	Other	NA	Electronic	73.3733	73.7855
EURRUBmicro	26-07-18	09:32-11:30			74.0182	26-07-18 11:23	500	Other	NA	Electronic	73.609	74.0182
EURRUBmicro	27-07-18	11:32-13:30			72.9629	27-07-18 12:46	500	Other	NA	Electronic	72.9629	73.3807

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EURRUBmicro	27-07-18	13:32-15:30			73.2772	27-07-18 14:06	100	Other	NA	Electronic	72.8593	73.2772
EURRUBmicro	30-07-18	11:32-13:30			73.0502	30-07-18 13:14	110	Other	NA	Electronic	72.6075	73.0502
EURRUBmicro	30-07-18	13:32-15:30			73.225	30-07-18 14:14	1000	Other	NA	Electronic	72.7887	73.225
EURRUBmicro	31-07-18	09:32-11:30			72.8959	31-07-18 10:14	300	Other	NA	Electronic	72.8959	73.3113
EURRUBmicro	31-07-18	13:30-13:32	73.3631	1000								
EURRUBmicro	01-08-18	09:32-11:30			73.4023	01-08-18 09:43	4200	Other	NA	Electronic	72.985	73.4023
EURRUBmicro	01-08-18	11:32-13:30			73.3172	01-08-18 12:31	1000	Other	NA	Electronic	73.319	73.7372
EURRUBmicro	02-08-18	09:32-11:30			73.7089	02-08-18 10:46	300	Other	NA	Electronic	73.2974	73.7089
EURRUBmicro	09-08-18	11:32-13:30			76.7805	09-08-18 12:43	500	Other	NA	Electronic	76.3566	76.7805
EURRUBmicro	10-08-18	11:32-13:30			76.8128	10-08-18 12:06	500	Other	NA	Electronic	76.8128	77.238
EURRUBmicro	14-08-18	13:32-15:30			75.4429	14-08-18 14:34	100	Other	NA	Electronic	75.4429	75.9
EURRUBmicro	17-08-18	09:32-11:30			76.7433	17-08-18 10:40	10	Other	NA	Electronic	76.3154	76.7433
EURRUBmicro	17-08-18	13:32-15:30			76.7866	17-08-18 14:53	10	Other	NA	Electronic	76.7866	77.2148
EURRUBmicro	21-08-18	09:32-11:30			77.3302	21-08-18 09:53	10	Other	NA	Electronic	77.3302	77.7259
EURRUBmicro	21-08-18	11:32-13:30			77.4285	21-08-18 12:38	10	Other	NA	Electronic	77.4285	77.8805

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURRUBmicro	21-08-18	13:32-15:30			77.4395	21-08-18 14:27	10	Other	NA	Electronic	77.4395	77.8805
EURRUBmicro	22-08-18	09:32-11:30			78.2377	22-08-18 10:02	20	Other	NA	Electronic	78.2377	78.6746
EURRUBmicro	22-08-18	11:32-13:30			78.7008	22-08-18 11:32	10	Other	NA	Electronic	78.7008	79.121
EURRUBmicro	23-08-18	11:32-13:30			78.5105	23-08-18 13:12	40	Other	NA	Electronic	78.0645	78.5105
EURRUBmicro	28-08-18	09:32-11:30			78.8707	28-08-18 11:02	10	Other	NA	Electronic	78.8707	79.2889
EURRUBmicro	28-08-18	13:32-15:30			79.3553	28-08-18 13:51	5000	Other	NA	Electronic	78.928	79.3553
EURRUBmicro	29-08-18	13:32-15:30			79.4976	29-08-18 13:42	5000	Other	NA	Electronic	79.4976	79.906
EURRUBmicro	05-09-18	09:32-11:30			78.9132	05-09-18 10:40	100	Other	NA	Electronic	78.9132	79.3385
EURRUBmicro	06-09-18	09:32-11:30			79.6262	06-09-18 10:12	100	Other	NA	Electronic	79.2438	79.6262
EURRUBmicro	06-09-18	13:32-15:30			80.0335	06-09-18 13:54	50	Other	NA	Electronic	80.0335	80.4655
EURRUBmicro	07-09-18	09:32-11:30			80.2995	07-09-18 11:00	50	Other	NA	Electronic	80.2995	80.7377
EURRUBmicro	07-09-18	11:32-13:30			80.4495	07-09-18 12:39	500	Other	NA	Electronic	80.4495	80.8905
EURRUBmicro	07-09-18	13:32-15:30			80.6202	07-09-18 13:35	100	Other	NA	Electronic	80.1795	80.6202
EURRUBmicro	10-09-18	09:30-09:32	81.0387	100								
EURRUBmicro	10-09-18	11:32-13:30			81.4251	10-09-18 11:35	100	Other	NA	Electronic	81.0552	81.4251

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURRUBmicro	10-09-18	13:32-15:30			81.8455	10-09-18 13:42	1450	Other	NA	Electronic	81.4044	81.8455
EURRUBmicro	11-09-18	09:32-11:30			81.4905	11-09-18 10:25	500	Other	NA	Electronic	81.0545	81.5635
EURRUBmicro	12-09-18	11:32-13:30			79.8942	12-09-18 12:19	150	Other	NA	Electronic	79.8942	80.3305
EURRUBmicro	12-09-18	13:32-15:30			79.8667	12-09-18 13:55	250	Other	NA	Electronic	79.8667	80.2892
EURRUBmicro	13-09-18	11:32-13:30			79.6905	13-09-18 12:52	300	Other	NA	Electronic	79.2545	79.6905
EURRUBmicro	14-09-18	11:32-13:30			78.9213	14-09-18 11:59	3000	Other	NA	Electronic	78.9213	79.3449
EURRUBmicro	17-09-18	11:32-13:30			79.7505	17-09-18 13:25	50	Other	NA	Electronic	79.3633	79.7505
EURRUBmicro	19-09-18	09:32-11:30			78.4605	19-09-18 11:07	10	Other	NA	Electronic	78.0945	78.4605
EURRUBmicro	19-09-18	13:32-15:30			78.2155	19-09-18 14:10	100	Other	NA	Electronic	77.6895	78.2155
EURRUBmicro	20-09-18	11:32-13:30			78.3705	20-09-18 12:02	80	Other	NA	Electronic	77.9295	78.3755
EURRUBmicro	21-09-18	09:32-11:30			78.6955	21-09-18 10:48	250	Other	NA	Electronic	78.1845	78.6955
EURRUBmicro	21-09-18	11:32-13:30			78.631	21-09-18 12:33	100	Other	NA	Electronic	78.1966	78.631
EURRUBmicro	27-09-18	13:32-15:30			76.6264	27-09-18 13:43	300	Other	NA	Electronic	76.6264	77.0225
EURRUBmicro	28-09-18	11:32-13:30			75.9049	28-09-18 12:29	80	Other	NA	Electronic	75.9049	76.349
EURSEK	02-07-18	11:32-13:30			10.46199	02-07-18 13:12	1000	Other	NA	Electronic	10.45719	10.46199

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EURSEK	02-07-18	13:32-15:30			10.4696	02-07-18 13:32	200000	Other	NA	Electronic	10.4696	10.47473
EURSEK	03-07-18	09:32-11:30			10.31837	03-07-18 11:24	1000	Other	NA	Electronic	10.31367	10.31837
EURSEK	03-07-18	11:32-13:30			10.30765	03-07-18 11:58	5000	Other	NA	Electronic	10.303	10.30765
EURSEK	03-07-18	13:32-15:30			10.30955	03-07-18 13:45	2000	Other	NA	Electronic	10.30955	10.31457
EURSEK	03-07-18	15:32-17:30			10.28609	03-07-18 15:57	25000	Other	NA	Electronic	10.28609	10.2908
EURSEK	04-07-18	09:32-11:30			10.25452	04-07-18 11:04	1000	Other	NA	Electronic	10.2493	10.25452
EURSEK	04-07-18	13:32-15:30			10.24296	04-07-18 13:58	50000	Other	NA	Electronic	10.23803	10.24296
EURSEK	04-07-18	15:32-17:30			10.23744	04-07-18 15:42	2000	Other	NA	Electronic	10.23216	10.23744
EURSEK	05-07-18	09:32-11:30			10.22098	05-07-18 09:36	1000	Other	NA	Electronic	10.22098	10.22673
EURSEK	05-07-18	13:32-15:30			10.24372	05-07-18 14:39	7000	Other	NA	Electronic	10.23858	10.24372
EURSEK	05-07-18	15:32-17:30			10.24621	05-07-18 15:32	1000	Other	NA	Electronic	10.24621	10.2508
EURSEK	06-07-18	09:32-11:30			10.29591	06-07-18 11:28	10000	Other	NA	Electronic	10.2915	10.29591
EURSEK	06-07-18	11:32-13:30			10.29389	06-07-18 11:34	1000	Other	NA	Electronic	10.2889	10.29389
EURSEK	06-07-18	13:32-15:30			10.26202	06-07-18 14:19	20000	Other	NA	Electronic	10.26202	10.26741
EURSEK	06-07-18	15:32-17:30			10.24883	06-07-18 15:53	10000	Other	NA	Electronic	10.24368	10.24883

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EURSEK	09-07-18	09:32-11:30			10.2456	09-07-18 10:29	1000	Other	NA	Electronic	10.24021	10.2456
EURSEK	09-07-18	11:32-13:30			10.24617	09-07-18 11:41	1000	Other	NA	Electronic	10.24608	10.25098
EURSEK	09-07-18	13:32-15:30			10.27814	09-07-18 13:41	1000	Other	NA	Electronic	10.27291	10.27814
EURSEK	10-07-18	09:32-11:30			10.25952	10-07-18 09:52	1000	Other	NA	Electronic	10.25437	10.25952
EURSEK	10-07-18	11:32-13:30			10.25408	10-07-18 13:04	2000	Other	NA	Electronic	10.24925	10.25408
EURSEK	10-07-18	13:32-15:30			10.26753	10-07-18 14:30	1000	Other	NA	Electronic	10.26753	10.2725
EURSEK	10-07-18	15:32-17:30			10.26777	10-07-18 16:23	1000	Other	NA	Electronic	10.2623	10.26777
EURSEK	11-07-18	13:32-15:30			10.27662	11-07-18 13:40	1000	Other	NA	Electronic	10.27662	10.28202
EURSEK	11-07-18	15:32-17:30			10.29323	11-07-18 16:00	1000	Other	NA	Electronic	10.28789	10.29323
EURSEK	12-07-18	09:32-11:30			10.33375	12-07-18 09:39	1000	Other	NA	Electronic	10.33375	10.33855
EURSEK	12-07-18	11:32-13:30			10.33356	12-07-18 11:52	1000	Other	NA	Electronic	10.33356	10.33865
EURSEK	12-07-18	13:32-15:30			10.35751	12-07-18 14:21	2000	Other	NA	Electronic	10.35751	10.36261
EURSEK	12-07-18	15:32-17:30			10.35407	12-07-18 17:13	1000	Other	NA	Electronic	10.34867	10.35407
EURSEK	13-07-18	09:32-11:30			10.36673	13-07-18 09:37	1000	Other	NA	Electronic	10.36673	10.37142
EURSEK	13-07-18	11:32-13:30			10.38295	13-07-18 12:21	1000	Other	NA	Electronic	10.37828	10.38295

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EURSEK	16-07-18	09:32-11:30			10.33649	16-07-18 10:18	1000	Other	NA	Electronic	10.33649	10.34167
EURSEK	16-07-18	11:32-13:30			10.33535	16-07-18 12:56	1000	Other	NA	Electronic	10.33039	10.33535
EURSEK	16-07-18	13:32-15:30			10.33372	16-07-18 13:48	2000	Other	NA	Electronic	10.32884	10.33372
EURSEK	17-07-18	15:32-17:30			10.3041	17-07-18 15:54	1000	Other	NA	Electronic	10.29875	10.3041
EURSEK	18-07-18	11:32-13:30			10.3038	18-07-18 11:35	11000	Other	NA	Electronic	10.29881	10.3038
EURSEK	18-07-18	15:32-17:30			10.32233	18-07-18 15:57	1000	Other	NA	Electronic	10.32233	10.32749
EURSEK	19-07-18	09:32-11:30			10.37076	19-07-18 09:59	1000	Other	NA	Electronic	10.36571	10.37076
EURSEK	19-07-18	11:32-13:30			10.37014	19-07-18 13:03	1000	Other	NA	Electronic	10.37014	10.37523
EURSEK	19-07-18	15:32-17:30			10.37703	19-07-18 15:54	1000	Other	NA	Electronic	10.37178	10.37703
EURSEK	20-07-18	11:32-13:30			10.38136	20-07-18 11:48	1000	Other	NA	Electronic	10.38136	10.3862
EURSEK	20-07-18	15:32-17:30			10.38332	20-07-18 16:21	1000	Other	NA	Electronic	10.38332	10.38827
EURSEK	23-07-18	09:32-11:30			10.34626	23-07-18 10:08	1000	Other	NA	Electronic	10.34137	10.34627
EURSEK	23-07-18	11:32-13:30			10.35575	23-07-18 12:33	1000	Other	NA	Electronic	10.35059	10.35575
EURSEK	23-07-18	13:32-15:30			10.3619	23-07-18 13:49	1000	Other	NA	Electronic	10.3619	10.36692
EURSEK	24-07-18	09:32-11:30			10.33291	24-07-18 09:33	1000	Other	NA	Electronic	10.33291	10.33763

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EURSEK	24-07-18	11:32-13:30			10.32108	24-07-18 12:25	20000	Other	NA	Electronic	10.32108	10.32583
EURSEK	24-07-18	13:30-13:32	10.32224	1000								
EURSEK	25-07-18	09:32-11:30			10.28862	25-07-18 09:33	2000	Other	NA	Electronic	10.28862	10.29354
EURSEK	26-07-18	09:32-11:30			10.25519	26-07-18 10:01	1000	Other	NA	Electronic	10.25519	10.26018
EURSEK	26-07-18	13:32-15:30			10.2679	26-07-18 15:29	1000	Other	NA	Electronic	10.26291	10.2679
EURSEK	26-07-18	15:30-15:32	10.26737	1000								
EURSEK	27-07-18	09:32-11:30			10.3073	27-07-18 11:14	2000	Other	NA	Electronic	10.30291	10.3073
EURSEK	27-07-18	15:32-17:30			10.30017	27-07-18 15:32	1000	Other	NA	Electronic	10.30026	10.30523
EURSEK	30-07-18	09:32-11:30			10.24021	30-07-18 10:12	1000	Other	NA	Electronic	10.23551	10.24021
EURSEK	30-07-18	11:32-13:30			10.24867	30-07-18 12:30	1000	Other	NA	Electronic	10.24327	10.24867
EURSEK	30-07-18	13:32-15:30			10.2615	30-07-18 13:34	10000	Other	NA	Electronic	10.25697	10.2615
EURSEK	30-07-18	15:32-17:30			10.26088	30-07-18 16:35	1000	Other	NA	Electronic	10.25568	10.26088
EURSEK	31-07-18	09:32-11:30			10.25922	31-07-18 10:22	1000	Other	NA	Electronic	10.25922	10.26419
EURSEK	31-07-18	11:32-13:30			10.26593	31-07-18 13:29	1000	Other	NA	Electronic	10.26067	10.2659
EURSEK	31-07-18	13:32-15:30			10.27302	31-07-18 14:03	20000	Other	NA	Electronic	10.26766	10.27302



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EURSEK	31-07-18	15:32-17:30			10.2803	31-07-18 17:28	10000	Other	NA	Electronic	10.2803	10.28622
EURSEK	01-08-18	09:32-11:30			10.30599	01-08-18 09:51	20000	Other	NA	Electronic	10.30026	10.30599
EURSEK	01-08-18	11:32-13:30			10.29383	01-08-18 11:35	1000	Other	NA	Electronic	10.29383	10.29962
EURSEK	01-08-18	13:32-15:30			10.28457	01-08-18 14:00	1000	Other	NA	Electronic	10.27783	10.28457
EURSEK	01-08-18	15:32-17:30			10.27328	01-08-18 16:19	30000	Other	NA	Electronic	10.26723	10.27328
EURSEK	02-08-18	11:32-13:30			10.29063	02-08-18 11:48	10000	Other	NA	Electronic	10.29063	10.2963
EURSEK	02-08-18	13:32-15:30			10.30454	02-08-18 14:21	1000	Other	NA	Electronic	10.30454	10.31036
EURSEK	03-08-18	09:32-11:30			10.3273	03-08-18 10:10	3000	Other	NA	Electronic	10.3215	10.3273
EURSEK	03-08-18	15:32-17:30			10.32402	03-08-18 16:05	2000	Other	NA	Electronic	10.31798	10.32402
EURSEK	06-08-18	09:32-11:30			10.29536	06-08-18 11:26	3000	Other	NA	Electronic	10.29536	10.30137
EURSEK	07-08-18	13:32-15:30			10.34546	07-08-18 13:56	2000	Other	NA	Electronic	10.33972	10.34546
EURSEK	08-08-18	09:32-11:30			10.35534	08-08-18 09:40	1000	Other	NA	Electronic	10.35534	10.36113
EURSEK	08-08-18	13:32-15:30			10.38962	08-08-18 14:40	1000	Other	NA	Electronic	10.38962	10.3954
EURSEK	10-08-18	09:32-11:30			10.40316	10-08-18 09:52	3000	Other	NA	Electronic	10.39738	10.40316
EURSEK	13-08-18	09:32-11:30			10.41667	13-08-18 11:10	3000	Other	NA	Electronic	10.4106	10.41667

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSEK	13-08-18	11:32-13:30			10.40018	13-08-18 11:55	3000	Other	NA	Electronic	10.40018	10.40765
EURSEK	14-08-18	09:32-11:30			10.36734	14-08-18 09:52	5000	Other	NA	Electronic	10.36734	10.37311
EURSEK	14-08-18	11:32-13:30			10.36959	14-08-18 11:44	2000	Other	NA	Electronic	10.36959	10.37538
EURSEK	14-08-18	13:32-15:30			10.36016	14-08-18 14:26	3000	Other	NA	Electronic	10.35439	10.36016
EURSEK	15-08-18	09:32-11:30			10.40311	15-08-18 10:51	5000	Other	NA	Electronic	10.40311	10.40887
EURSEK	15-08-18	11:32-13:30			10.4072	15-08-18 11:32	5000	Other	NA	Electronic	10.40143	10.4072
EURSEK	15-08-18	13:32-15:30			10.43409	15-08-18 14:17	5000	Other	NA	Electronic	10.43409	10.44013
EURSEK	15-08-18	15:32-17:30			10.4516	15-08-18 16:56	1000	Other	NA	Electronic	10.4516	10.45771
EURSEK	17-08-18	09:32-11:30			10.46764	17-08-18 10:01	2000	Other	NA	Electronic	10.46764	10.47337
EURSEK	17-08-18	13:32-15:30			10.48905	17-08-18 13:32	1000	Other	NA	Electronic	10.48905	10.49484
EURSEK	20-08-18	09:32-11:30			10.47983	20-08-18 11:17	1000	Other	NA	Electronic	10.47983	10.4856
EURSEK	20-08-18	15:32-17:30			10.49963	20-08-18 16:48	1000	Other	NA	Electronic	10.49963	10.50577
EURSEK	22-08-18	13:32-15:30			10.52028	22-08-18 15:06	1000	Other	NA	Electronic	10.52028	10.52605
EURSEK	22-08-18	15:32-17:30			10.51103	22-08-18 16:14	1000	Other	NA	Electronic	10.51103	10.51706
EURSEK	23-08-18	13:32-15:30			10.54027	23-08-18 14:01	2000	Other	NA	Electronic	10.53447	10.54027

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSEK	24-08-18	11:32-13:30			10.58832	24-08-18 12:36	4000	Other	NA	Electronic	10.58832	10.59448
EURSEK	24-08-18	13:32-15:30			10.5881	24-08-18 14:49	1000	Other	NA	Electronic	10.5881	10.59391
EURSEK	24-08-18	15:32-17:30			10.6	24-08-18 17:19	1000	Other	NA	Electronic	10.6	10.60587
EURSEK	28-08-18	11:32-13:30			10.66793	28-08-18 11:45	1000	Other	NA	Electronic	10.66215	10.66793
EURSEK	28-08-18	13:32-15:30			10.69834	28-08-18 14:43	1000	Other	NA	Electronic	10.69834	10.70429
EURSEK	29-08-18	09:32-11:30			10.69573	29-08-18 10:20	1000	Other	NA	Electronic	10.69573	10.70151
EURSEK	29-08-18	11:32-13:30			10.69716	29-08-18 12:22	20000	Other	NA	Electronic	10.69114	10.69716
EURSEK	29-08-18	13:30-13:32	10.70055	1000								
EURSEK	29-08-18	15:32-17:30			10.70064	29-08-18 16:12	3000	Other	NA	Electronic	10.70064	10.70681
EURSEK	30-08-18	09:32-11:30			10.64998	30-08-18 09:39	50000	Other	NA	Electronic	10.64998	10.65514
EURSEK	30-08-18	11:32-13:30			10.64538	30-08-18 12:25	1000	Other	NA	Electronic	10.64054	10.64538
EURSEK	30-08-18	15:32-17:30			10.63933	30-08-18 15:50	1000	Other	NA	Electronic	10.63933	10.64423
EURSEK	31-08-18	09:32-11:30			10.63858	31-08-18 10:43	50000	Other	NA	Electronic	10.63367	10.63858
EURSEK	31-08-18	15:32-17:30			10.60779	31-08-18 17:15	1000	Other	NA	Electronic	10.60779	10.61294
EURSEK	03-09-18	09:32-11:30			10.5712	03-09-18 09:49	1000	Other	NA	Electronic	10.56604	10.5712

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EURSEK	03-09-18	13:32-15:30			10.57412	03-09-18 14:24	2000	Other	NA	Electronic	10.56883	10.57384
EURSEK	04-09-18	13:32-15:30			10.54044	04-09-18 15:00	1000	Other	NA	Electronic	10.53569	10.54044
EURSEK	05-09-18	13:32-15:30			10.53828	05-09-18 15:08	1000	Other	NA	Electronic	10.53828	10.54278
EURSEK	07-09-18	09:32-11:30			10.56347	07-09-18 09:43	1000	Other	NA	Electronic	10.56347	10.56835
EURSEK	07-09-18	11:32-13:30			10.52417	07-09-18 11:43	2000	Other	NA	Electronic	10.52417	10.52935
EURSEK	07-09-18	13:32-15:30			10.51143	07-09-18 14:13	2000	Other	NA	Electronic	10.50657	10.51143
EURSEK	07-09-18	15:32-17:30			10.50661	07-09-18 15:41	1000	Other	NA	Electronic	10.50175	10.50661
EURSEK	10-09-18	09:32-11:30			10.47495	10-09-18 10:52	2000	Other	NA	Electronic	10.46978	10.47495
EURSEK	10-09-18	11:32-13:30			10.48079	10-09-18 13:00	2000	Other	NA	Electronic	10.48079	10.48571
EURSEK	11-09-18	09:32-11:30			10.49838	11-09-18 10:39	22000	Other	NA	Electronic	10.49322	10.49838
EURSEK	12-09-18	09:32-11:30			10.47793	12-09-18 10:34	20000	Other	NA	Electronic	10.47793	10.4831
EURSEK	12-09-18	13:32-15:30			10.45734	12-09-18 14:21	1000	Other	NA	Electronic	10.45219	10.45734
EURSEK	13-09-18	11:32-13:30			10.46011	13-09-18 12:59	3000	Other	NA	Electronic	10.45479	10.46017
EURSEK	14-09-18	11:32-13:30			10.53425	14-09-18 11:40	1000	Other	NA	Electronic	10.52904	10.53425
EURSEK	14-09-18	13:32-15:30			10.54926	14-09-18 14:32	2000	Other	NA	Electronic	10.54926	10.55419

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EURSEK	14-09-18	15:32-17:30			10.51848	14-09-18 16:50	1000	Other	NA	Electronic	10.51848	10.52367
EURSEK	17-09-18	09:32-11:30			10.46292	17-09-18 10:46	1000	Other	NA	Electronic	10.46292	10.46801
EURSEK	17-09-18	13:32-15:30			10.44963	17-09-18 14:01	1000	Other	NA	Electronic	10.4448	10.44963
EURSEK	17-09-18	15:32-17:30			10.41631	17-09-18 17:27	2000	Other	NA	Electronic	10.41631	10.42148
EURSEK	18-09-18	09:32-11:30			10.4217	18-09-18 11:05	100000	Other	NA	Electronic	10.41708	10.4217
EURSEK	18-09-18	11:32-13:30			10.41204	18-09-18 11:36	1000	Other	NA	Electronic	10.41204	10.41716
EURSEK	18-09-18	15:32-17:30			10.39133	18-09-18 17:03	3000	Other	NA	Electronic	10.39133	10.39673
EURSEK	19-09-18	09:32-11:30			10.3778	19-09-18 11:11	1000	Other	NA	Electronic	10.37192	10.3778
EURSEK	19-09-18	11:32-13:30			10.39293	19-09-18 12:11	1000	Other	NA	Electronic	10.39293	10.39913
EURSEK	19-09-18	13:32-15:30			10.375	19-09-18 13:43	1000	Other	NA	Electronic	10.37012	10.375
EURSEK	19-09-18	15:32-17:30			10.36293	19-09-18 16:09	1000	Other	NA	Electronic	10.36293	10.36818
EURSEK	20-09-18	09:32-11:30			10.35242	20-09-18 10:23	1000	Other	NA	Electronic	10.34758	10.35242
EURSEK	20-09-18	11:32-13:30			10.34153	20-09-18 11:38	1000	Other	NA	Electronic	10.33659	10.34153
EURSEK	20-09-18	13:32-15:30			10.33724	20-09-18 14:27	1000	Other	NA	Electronic	10.33227	10.33724
EURSEK	21-09-18	09:32-11:30			10.35813	21-09-18 10:05	1000	Other	NA	Electronic	10.35301	10.35813

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EURSEK	21-09-18	11:32-13:30			10.33794	21-09-18 11:43	1000	Other	NA	Electronic	10.33271	10.33794
EURSEK	21-09-18	13:32-15:30			10.33303	21-09-18 15:26	1000	Other	NA	Electronic	10.32806	10.33303
EURSEK	24-09-18	09:30-09:32	10.31801	2000								
EURSEK	24-09-18	11:32-13:30			10.35225	24-09-18 12:21	6000	Other	NA	Electronic	10.35225	10.35711
EURSEK	24-09-18	13:32-15:30			10.37098	24-09-18 13:59	1000	Other	NA	Electronic	10.37098	10.37563
EURSEK	25-09-18	09:32-11:30			10.34313	25-09-18 09:54	6000	Other	NA	Electronic	10.34313	10.34842
EURSEK	25-09-18	11:32-13:30			10.35237	25-09-18 12:29	2000	Other	NA	Electronic	10.35237	10.35754
EURSEK	25-09-18	15:32-17:30			10.35735	25-09-18 15:32	1000	Other	NA	Electronic	10.35266	10.35735
EURSEK	27-09-18	09:32-11:30			10.33193	27-09-18 10:26	1000	Other	NA	Electronic	10.33193	10.33681
EURSEK	27-09-18	11:32-13:30			10.31636	27-09-18 12:25	4000	Other	NA	Electronic	10.31634	10.32121
EURSEK	28-09-18	09:32-11:30			10.2925	28-09-18 10:08	1000	Other	NA	Electronic	10.28755	10.2925
EURSEK	28-09-18	13:32-15:30			10.32085	28-09-18 14:02	5000	Other	NA	Electronic	10.31616	10.32085
EURSEK.	03-07-18	13:32-15:30			10.28952	03-07-18 15:28	65000	Other	NA	Electronic	10.28652	10.28937
EURSEK.	03-07-18	15:32-17:30			10.28774	03-07-18 15:55	85000	Other	NA	Electronic	10.28774	10.29029
EURSEK.	04-07-18	09:32-11:30			10.25473	04-07-18 10:29	5000	Other	NA	Electronic	10.25473	10.25764

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EURSEK.	04-07-18	11:32-13:30			10.24934	04-07-18 13:27	5000	Other	NA	Electronic	10.24693	10.24934
EURSEK.	06-07-18	09:32-11:30			10.27756	06-07-18 10:19	15000	Other	NA	Electronic	10.27756	10.2805
EURSEK.	06-07-18	11:32-13:30			10.27607	06-07-18 12:40	15000	Other	NA	Electronic	10.27309	10.27607
EURSEK.	10-07-18	09:32-11:30			10.24582	10-07-18 11:20	15000	Other	NA	Electronic	10.24366	10.24582
EURSEK.	18-07-18	15:32-17:30			10.31911	18-07-18 16:00	2000	Other	NA	Electronic	10.31661	10.31911
EURSEK.	23-07-18	13:32-15:30			10.35842	23-07-18 14:49	99000	Other	NA	Electronic	10.35842	10.36112
EURSEK.	23-07-18	15:32-17:30			10.35749	23-07-18 16:51	99000	Other	NA	Electronic	10.35479	10.35755
EURSEK.	24-07-18	09:32-11:30			10.34197	24-07-18 09:36	50000	Other	NA	Electronic	10.33933	10.34197
EURSEK.	24-07-18	11:32-13:30			10.32861	24-07-18 11:38	100000	Other	NA	Electronic	10.32629	10.32861
EURSEK.	24-07-18	13:32-15:30			10.31999	24-07-18 13:51	4000	Other	NA	Electronic	10.31999	10.32254
EURSEK.	06-08-18	13:32-15:30			10.31936	06-08-18 14:46	15000	Other	NA	Electronic	10.31936	10.32246
EURSEK.	21-08-18	09:32-11:30			10.51231	21-08-18 10:20	3000	Other	NA	Electronic	10.50923	10.51231
EURSEK.	28-08-18	09:32-11:30			10.66001	28-08-18 10:27	10000	Other	NA	Electronic	10.6569	10.66001
EURSEK.	28-08-18	11:32-13:30			10.64803	28-08-18 12:34	3000	Other	NA	Electronic	10.64803	10.65119
EURSEK.	07-09-18	13:32-15:30			10.50803	07-09-18 15:26	3000	Other	NA	Electronic	10.50406	10.50803

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EURSEK.	12-09-18	15:32-17:30			10.45257	12-09-18 16:15	3000	Other	NA	Electronic	10.44911	10.45257
EURSEK.	13-09-18	11:32-13:30			10.45617	13-09-18 12:52	4000	Other	NA	Electronic	10.45184	10.45617
EURSEK.	17-09-18	09:32-11:30			10.46685	17-09-18 10:39	4000	Other	NA	Electronic	10.46685	10.47026
EURSEK.	26-09-18	13:32-15:30			10.35684	26-09-18 15:08	1000	Other	NA	Electronic	10.35374	10.35684
EURSEKmicro	02-07-18	09:32-11:30			10.44832	02-07-18 10:11	2000	Other	NA	Electronic	10.4433	10.44832
EURSEKmicro	02-07-18	11:32-13:30			10.44248	02-07-18 11:57	1000	Other	NA	Electronic	10.43761	10.44248
EURSEKmicro	02-07-18	13:32-15:30			10.47542	02-07-18 13:42	1000	Other	NA	Electronic	10.47057	10.47542
EURSEKmicro	02-07-18	15:32-17:30			10.44391	02-07-18 17:24	1000	Other	NA	Electronic	10.4391	10.44391
EURSEKmicro	03-07-18	09:32-11:30			10.32281	03-07-18 09:40	1000	Other	NA	Electronic	10.31776	10.32281
EURSEKmicro	03-07-18	11:32-13:30			10.30983	03-07-18 11:49	2500	Other	NA	Electronic	10.30492	10.30983
EURSEKmicro	03-07-18	15:32-17:30			10.29252	03-07-18 16:02	500	Other	NA	Electronic	10.28716	10.29252
EURSEKmicro	04-07-18	09:32-11:30			10.27559	04-07-18 09:48	500	Other	NA	Electronic	10.27043	10.27559
EURSEKmicro	04-07-18	11:32-13:30			10.25096	04-07-18 13:15	500	Other	NA	Electronic	10.2462	10.25096
EURSEKmicro	04-07-18	13:32-15:30			10.2296	04-07-18 14:42	1000	Other	NA	Electronic	10.2246	10.2296
EURSEKmicro	04-07-18	15:32-17:30			10.23538	04-07-18 16:31	2000	Other	NA	Electronic	10.23538	10.24072



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EURSEKmicro	05-07-18	09:32-11:30			10.22654	05-07-18 09:57	100	Other	NA	Electronic	10.2219	10.22654
EURSEKmicro	05-07-18	11:32-13:30			10.23154	05-07-18 11:45	100	Other	NA	Electronic	10.22634	10.23154
EURSEKmicro	05-07-18	13:32-15:30			10.2443	05-07-18 14:45	3000	Other	NA	Electronic	10.23925	10.2443
EURSEKmicro	05-07-18	15:32-17:30			10.24085	05-07-18 16:34	100	Other	NA	Electronic	10.24085	10.24613
EURSEKmicro	06-07-18	09:32-11:30			10.28327	06-07-18 09:44	500	Other	NA	Electronic	10.28327	10.28829
EURSEKmicro	06-07-18	13:32-15:30			10.25659	06-07-18 14:42	500	Other	NA	Electronic	10.25111	10.25659
EURSEKmicro	06-07-18	15:32-17:30			10.23851	06-07-18 17:12	20	Other	NA	Electronic	10.23337	10.2384
EURSEKmicro	09-07-18	11:32-13:30			10.26195	09-07-18 13:08	500	Other	NA	Electronic	10.26195	10.26702
EURSEKmicro	09-07-18	13:32-15:30			10.28668	09-07-18 14:03	15000	Other	NA	Electronic	10.28656	10.2918
EURSEKmicro	09-07-18	15:32-17:30			10.25103	09-07-18 15:39	3000	Other	NA	Electronic	10.25103	10.25617
EURSEKmicro	10-07-18	09:32-11:30			10.25913	10-07-18 09:59	30	Other	NA	Electronic	10.25901	10.26429
EURSEKmicro	10-07-18	11:32-13:30			10.24634	10-07-18 12:29	140	Other	NA	Electronic	10.24132	10.24634
EURSEKmicro	10-07-18	13:32-15:30			10.25017	10-07-18 13:50	5000	Other	NA	Electronic	10.25017	10.2552
EURSEKmicro	10-07-18	15:32-17:30			10.25721	10-07-18 16:01	5000	Other	NA	Electronic	10.25721	10.2624
EURSEKmicro	11-07-18	15:32-17:30			10.29157	11-07-18 15:49	100	Other	NA	Electronic	10.2863	10.29157

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EURSEKmicro	12-07-18	09:32-11:30			10.3462	12-07-18 10:01	500	Other	NA	Electronic	10.3462	10.35124
EURSEKmicro	12-07-18	11:32-13:30			10.33459	12-07-18 11:47	100	Other	NA	Electronic	10.33459	10.33931
EURSEKmicro	12-07-18	13:32-15:30			10.34907	12-07-18 14:31	1000	Other	NA	Electronic	10.34907	10.35379
EURSEKmicro	12-07-18	15:32-17:30			10.34566	12-07-18 16:11	100	Other	NA	Electronic	10.34566	10.35102
EURSEKmicro	13-07-18	11:32-13:30			10.37662	13-07-18 11:58	5000	Other	NA	Electronic	10.37173	10.37662
EURSEKmicro	16-07-18	09:32-11:30			10.34083	16-07-18 10:45	100	Other	NA	Electronic	10.34083	10.34555
EURSEKmicro	16-07-18	11:32-13:30			10.33334	16-07-18 11:45	500	Other	NA	Electronic	10.32852	10.33334
EURSEKmicro	17-07-18	11:32-13:30			10.3024	17-07-18 12:07	1000	Other	NA	Electronic	10.29748	10.3024
EURSEKmicro	18-07-18	13:32-15:30			10.3322	18-07-18 13:53	110	Other	NA	Electronic	10.32689	10.3322
EURSEKmicro	19-07-18	09:32-11:30			10.36647	19-07-18 10:22	50	Other	NA	Electronic	10.36109	10.36647
EURSEKmicro	19-07-18	15:32-17:30			10.37631	19-07-18 15:57	1000	Other	NA	Electronic	10.37631	10.38144
EURSEKmicro	20-07-18	09:32-11:30			10.37181	20-07-18 09:39	120	Other	NA	Electronic	10.36697	10.37181
EURSEKmicro	20-07-18	11:32-13:30			10.38646	20-07-18 11:59	1000	Other	NA	Electronic	10.38646	10.39147
EURSEKmicro	23-07-18	09:32-11:30			10.346	23-07-18 09:39	1000	Other	NA	Electronic	10.34117	10.34605
EURSEKmicro	23-07-18	11:30-11:32	10.35619	200								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSEKmicro	23-07-18	13:30-13:32	10.36043	10								
EURSEKmicro	24-07-18	09:32-11:30			10.33023	24-07-18 10:53	300	Other	NA	Electronic	10.32562	10.33023
EURSEKmicro	24-07-18	11:32-13:30			10.32044	24-07-18 12:09	200	Other	NA	Electronic	10.32044	10.3254
EURSEKmicro	24-07-18	13:32-15:30			10.32243	24-07-18 15:20	200	Other	NA	Electronic	10.31738	10.32243
EURSEKmicro	25-07-18	09:32-11:30			10.2893	25-07-18 09:32	110	Other	NA	Electronic	10.28939	10.29461
EURSEKmicro	25-07-18	11:32-13:30			10.28604	25-07-18 13:03	1000	Other	NA	Electronic	10.28604	10.29118
EURSEKmicro	25-07-18	13:32-15:30			10.28099	25-07-18 13:41	200	Other	NA	Electronic	10.28099	10.28623
EURSEKmicro	25-07-18	15:32-17:30			10.2868	25-07-18 16:21	5100	Other	NA	Electronic	10.28161	10.2868
EURSEKmicro	26-07-18	09:32-11:30			10.25971	26-07-18 10:21	1000	Other	NA	Electronic	10.25971	10.26462
EURSEKmicro	26-07-18	11:32-13:30			10.27248	26-07-18 13:18	3000	Other	NA	Electronic	10.26721	10.27247
EURSEKmicro	26-07-18	13:32-15:30			10.26706	26-07-18 14:23	1000	Other	NA	Electronic	10.26188	10.26706
EURSEKmicro	26-07-18	15:32-17:30			10.25522	26-07-18 16:42	500	Other	NA	Electronic	10.25031	10.25522
EURSEKmicro	27-07-18	09:32-11:30			10.30028	27-07-18 10:11	3000	Other	NA	Electronic	10.30028	10.30477
EURSEKmicro	27-07-18	11:32-13:30			10.30495	27-07-18 11:45	500	Other	NA	Electronic	10.30088	10.30495
EURSEKmicro	27-07-18	13:32-15:30			10.30233	27-07-18 14:00	5000	Other	NA	Electronic	10.29724	10.30233

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSEKmicro	30-07-18	09:32-11:30			10.24959	30-07-18 09:41	500	Other	NA	Electronic	10.24489	10.24959
EURSEKmicro	30-07-18	11:32-13:30			10.25359	30-07-18 11:58	4000	Other	NA	Electronic	10.24858	10.25359
EURSEKmicro	30-07-18	13:32-15:30			10.25087	30-07-18 14:25	500	Other	NA	Electronic	10.25087	10.25633
EURSEKmicro	31-07-18	09:32-11:30			10.26525	31-07-18 10:12	200	Other	NA	Electronic	10.26041	10.26525
EURSEKmicro	31-07-18	11:32-13:30			10.26117	31-07-18 11:49	1000	Other	NA	Electronic	10.25637	10.26117
EURSEKmicro	31-07-18	13:32-15:30			10.26741	31-07-18 14:01	200	Other	NA	Electronic	10.26741	10.27279
EURSEKmicro	31-07-18	15:32-17:30			10.27992	31-07-18 17:25	1000	Other	NA	Electronic	10.27992	10.28595
EURSEKmicro	01-08-18	09:32-11:30			10.30368	01-08-18 09:43	3000	Other	NA	Electronic	10.2979	10.30368
EURSEKmicro	01-08-18	11:32-13:30			10.29987	01-08-18 12:16	100	Other	NA	Electronic	10.29363	10.29987
EURSEKmicro	01-08-18	13:32-15:30			10.28108	01-08-18 14:18	140	Other	NA	Electronic	10.28108	10.2869
EURSEKmicro	01-08-18	15:32-17:30			10.27863	01-08-18 15:47	100	Other	NA	Electronic	10.27273	10.27863
EURSEKmicro	02-08-18	09:32-11:30			10.29204	02-08-18 09:52	200	Other	NA	Electronic	10.29204	10.29782
EURSEKmicro	02-08-18	13:32-15:30			10.29914	02-08-18 14:06	310	Other	NA	Electronic	10.29914	10.3049
EURSEKmicro	03-08-18	11:32-13:30			10.31399	03-08-18 12:24	100	Other	NA	Electronic	10.31399	10.32004
EURSEKmicro	06-08-18	09:32-11:30			10.29769	06-08-18 10:21	50	Other	NA	Electronic	10.29769	10.30371

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EURSEKmicro	06-08-18	13:32-15:30			10.31256	06-08-18 15:08	100	Other	NA	Electronic	10.31256	10.3183
EURSEKmicro	06-08-18	15:32-17:30			10.31818	06-08-18 16:54	100	Other	NA	Electronic	10.31221	10.31818
EURSEKmicro	07-08-18	13:32-15:30			10.33123	07-08-18 14:13	200	Other	NA	Electronic	10.33123	10.33698
EURSEKmicro	08-08-18	09:32-11:30			10.36872	08-08-18 10:49	100	Other	NA	Electronic	10.36872	10.37456
EURSEKmicro	08-08-18	11:32-13:30			10.38495	08-08-18 12:07	10	Other	NA	Electronic	10.38495	10.39071
EURSEKmicro	09-08-18	09:32-11:30			10.38676	09-08-18 09:45	6010	Other	NA	Electronic	10.38676	10.39254
EURSEKmicro	09-08-18	11:32-13:30			10.39732	09-08-18 11:44	2010	Other	NA	Electronic	10.39136	10.39732
EURSEKmicro	13-08-18	13:32-15:30			10.40286	13-08-18 13:57	20	Other	NA	Electronic	10.40286	10.4086
EURSEKmicro	14-08-18	09:32-11:30			10.36491	14-08-18 09:36	20	Other	NA	Electronic	10.36491	10.37073
EURSEKmicro	14-08-18	11:32-13:30			10.36441	14-08-18 13:11	20	Other	NA	Electronic	10.35864	10.36441
EURSEKmicro	14-08-18	13:30-13:32	10.36428	600								
EURSEKmicro	14-08-18	15:32-17:30			10.37067	14-08-18 16:41	200	Other	NA	Electronic	10.36435	10.37067
EURSEKmicro	15-08-18	11:32-13:30			10.40788	15-08-18 11:37	110	Other	NA	Electronic	10.4021	10.40788
EURSEKmicro	15-08-18	13:32-15:30			10.42152	15-08-18 13:47	20	Other	NA	Electronic	10.42152	10.42756
EURSEKmicro	15-08-18	15:32-17:30			10.45698	15-08-18 16:38	20	Other	NA	Electronic	10.45698	10.46295

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EURSEKmicro	16-08-18	09:32-11:30			10.46142	16-08-18 09:47	20	Other	NA	Electronic	10.45557	10.46142
EURSEKmicro	16-08-18	11:32-13:30			10.46839	16-08-18 12:25	20	Other	NA	Electronic	10.46839	10.47418
EURSEKmicro	16-08-18	15:32-17:30			10.46438	16-08-18 17:01	10	Other	NA	Electronic	10.46438	10.47064
EURSEKmicro	17-08-18	09:32-11:30			10.47934	17-08-18 10:43	500	Other	NA	Electronic	10.47356	10.47934
EURSEKmicro	17-08-18	11:32-13:30			10.49719	17-08-18 12:19	20	Other	NA	Electronic	10.49719	10.50305
EURSEKmicro	17-08-18	15:32-17:30			10.47534	17-08-18 16:54	10	Other	NA	Electronic	10.46903	10.47534
EURSEKmicro	20-08-18	09:32-11:30			10.48068	20-08-18 10:52	100	Other	NA	Electronic	10.48068	10.48644
EURSEKmicro	20-08-18	11:32-13:30			10.49853	20-08-18 11:53	500	Other	NA	Electronic	10.49275	10.49853
EURSEKmicro	20-08-18	15:32-17:30			10.50392	20-08-18 15:57	40000	Other	NA	Electronic	10.49812	10.50392
EURSEKmicro	21-08-18	13:32-15:30			10.49793	21-08-18 14:00	500	Other	NA	Electronic	10.49793	10.50374
EURSEKmicro	21-08-18	15:32-17:30			10.52809	21-08-18 17:28	500	Other	NA	Electronic	10.52223	10.52809
EURSEKmicro	23-08-18	15:32-17:30			10.54755	23-08-18 15:47	10	Other	NA	Electronic	10.54755	10.55332
EURSEKmicro	24-08-18	09:32-11:30			10.56478	24-08-18 11:11	15000	Other	NA	Electronic	10.55872	10.56478
EURSEKmicro	24-08-18	11:32-13:30			10.56951	24-08-18 11:33	1000	Other	NA	Electronic	10.56951	10.5753
EURSEKmicro	24-08-18	13:32-15:30			10.58921	24-08-18 15:11	100	Other	NA	Electronic	10.58921	10.595

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EURSEKmicro	24-08-18	15:32-17:30			10.59939	24-08-18 16:48	100	Other	NA	Electronic	10.59939	10.60552
EURSEKmicro	27-08-18	09:30-09:32	10.60353	300								
EURSEKmicro	27-08-18	11:32-13:30			10.60965	27-08-18 12:50	500	Other	NA	Electronic	10.60965	10.61542
EURSEKmicro	27-08-18	13:32-15:30			10.62737	27-08-18 13:32	20000	Other	NA	Electronic	10.62056	10.62737
EURSEKmicro	28-08-18	11:32-13:30			10.65348	28-08-18 13:01	110	Other	NA	Electronic	10.65348	10.65929
EURSEKmicro	28-08-18	13:32-15:30			10.70413	28-08-18 14:14	1500	Other	NA	Electronic	10.70413	10.70992
EURSEKmicro	28-08-18	15:32-17:30			10.68692	28-08-18 16:10	10000	Other	NA	Electronic	10.68074	10.68692
EURSEKmicro	29-08-18	11:32-13:30			10.70296	29-08-18 13:23	100	Other	NA	Electronic	10.69688	10.70296
EURSEKmicro	29-08-18	13:32-15:30			10.71064	29-08-18 14:19	300	Other	NA	Electronic	10.71064	10.71672
EURSEKmicro	29-08-18	15:32-17:30			10.70476	29-08-18 16:20	300	Other	NA	Electronic	10.69884	10.70476
EURSEKmicro	30-08-18	11:32-13:30			10.63845	30-08-18 12:03	20000	Other	NA	Electronic	10.63845	10.64355
EURSEKmicro	30-08-18	13:32-15:30			10.63649	30-08-18 13:37	20000	Other	NA	Electronic	10.63649	10.64156
EURSEKmicro	30-08-18	15:32-17:30			10.64138	30-08-18 15:42	10000	Other	NA	Electronic	10.64138	10.64627
EURSEKmicro	31-08-18	09:32-11:30			10.63853	31-08-18 10:43	100	Other	NA	Electronic	10.63367	10.63853
EURSEKmicro	31-08-18	11:32-13:30			10.62352	31-08-18 12:02	1000	Other	NA	Electronic	10.61861	10.62352

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EURSEKmicro	03-09-18	11:32-13:30			10.57987	03-09-18 12:11	10	Other	NA	Electronic	10.57987	10.58447
EURSEKmicro	03-09-18	13:32-15:30			10.57304	03-09-18 14:54	100	Other	NA	Electronic	10.56787	10.57304
EURSEKmicro	04-09-18	09:32-11:30			10.57607	04-09-18 09:37	610	Other	NA	Electronic	10.57121	10.57607
EURSEKmicro	04-09-18	13:32-15:30			10.5377	04-09-18 13:50	20	Other	NA	Electronic	10.53289	10.5377
EURSEKmicro	04-09-18	15:32-17:30			10.54214	04-09-18 15:40	50	Other	NA	Electronic	10.54214	10.54701
EURSEKmicro	05-09-18	09:32-11:30			10.53673	05-09-18 11:16	500	Other	NA	Electronic	10.53673	10.54161
EURSEKmicro	05-09-18	13:32-15:30			10.53534	05-09-18 14:29	500	Other	NA	Electronic	10.53534	10.54055
EURSEKmicro	05-09-18	15:32-17:30			10.53763	05-09-18 15:45	500	Other	NA	Electronic	10.53763	10.54238
EURSEKmicro	06-09-18	09:32-11:30			10.57343	06-09-18 09:58	170	Other	NA	Electronic	10.56757	10.57343
EURSEKmicro	06-09-18	13:32-15:30			10.59591	06-09-18 14:18	500	Other	NA	Electronic	10.59582	10.60138
EURSEKmicro	07-09-18	09:32-11:30			10.52751	07-09-18 11:22	1000	Other	NA	Electronic	10.52277	10.52751
EURSEKmicro	07-09-18	11:32-13:30			10.52666	07-09-18 11:48	60	Other	NA	Electronic	10.52666	10.53183
EURSEKmicro	07-09-18	13:32-15:30			10.5116	07-09-18 14:23	15000	Other	NA	Electronic	10.50674	10.5116
EURSEKmicro	07-09-18	15:32-17:30			10.50641	07-09-18 15:41	5000	Other	NA	Electronic	10.50148	10.50641
EURSEKmicro	10-09-18	11:32-13:30			10.46887	10-09-18 11:32	2000	Other	NA	Electronic	10.46372	10.46887



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EURSEKmicro	10-09-18	15:32-17:30			10.4913	10-09-18 16:26	1120	Other	NA	Electronic	10.4913	10.49654
EURSEKmicro	11-09-18	15:32-17:30			10.49991	11-09-18 16:44	1120	Other	NA	Electronic	10.49487	10.49991
EURSEKmicro	13-09-18	09:32-11:30			10.44735	13-09-18 10:55	100	Other	NA	Electronic	10.44217	10.44735
EURSEKmicro	13-09-18	11:32-13:30			10.45411	13-09-18 12:40	15000	Other	NA	Electronic	10.44891	10.45411
EURSEKmicro	13-09-18	13:32-15:30			10.47172	13-09-18 15:17	200	Other	NA	Electronic	10.46609	10.47172
EURSEKmicro	13-09-18	15:32-17:30			10.4746	13-09-18 15:33	100	Other	NA	Electronic	10.46971	10.4746
EURSEKmicro	14-09-18	11:32-13:30			10.54889	14-09-18 12:11	50	Other	NA	Electronic	10.54379	10.54889
EURSEKmicro	14-09-18	13:32-15:30			10.54317	14-09-18 14:37	100	Other	NA	Electronic	10.54317	10.54808
EURSEKmicro	17-09-18	11:32-13:30			10.45668	17-09-18 11:56	150	Other	NA	Electronic	10.45192	10.45668
EURSEKmicro	17-09-18	13:32-15:30			10.43522	17-09-18 14:32	100	Other	NA	Electronic	10.43023	10.43522
EURSEKmicro	17-09-18	15:32-17:30			10.41988	17-09-18 15:35	300	Other	NA	Electronic	10.41988	10.42542
EURSEKmicro	18-09-18	13:32-15:30			10.42306	18-09-18 14:56	100	Other	NA	Electronic	10.41794	10.42306
EURSEKmicro	18-09-18	15:32-17:30			10.40208	18-09-18 16:07	15000	Other	NA	Electronic	10.40208	10.40682
EURSEKmicro	19-09-18	09:32-11:30			10.37646	19-09-18 11:11	500	Other	NA	Electronic	10.37128	10.37646
EURSEKmicro	19-09-18	11:32-13:30			10.39512	19-09-18 12:21	15000	Other	NA	Electronic	10.39022	10.39512

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EURSEKmicro	19-09-18	13:32-15:30			10.35778	19-09-18 13:53	300	Other	NA	Electronic	10.35778	10.36282
EURSEKmicro	20-09-18	09:32-11:30			10.34714	20-09-18 10:06	30	Other	NA	Electronic	10.34714	10.35227
EURSEKmicro	20-09-18	11:32-13:30			10.33585	20-09-18 11:35	10000	Other	NA	Electronic	10.33585	10.34153
EURSEKmicro	21-09-18	11:32-13:30			10.33027	21-09-18 11:51	15000	Other	NA	Electronic	10.33027	10.33483
EURSEKmicro	21-09-18	13:32-15:30			10.33604	21-09-18 14:12	15000	Other	NA	Electronic	10.33124	10.33604
EURSEKmicro	24-09-18	09:32-11:30			10.31724	24-09-18 09:58	15000	Other	NA	Electronic	10.31211	10.31724
EURSEKmicro	24-09-18	13:32-15:30			10.37282	24-09-18 13:50	80	Other	NA	Electronic	10.36797	10.37282
EURSEKmicro	24-09-18	15:32-17:30			10.35843	24-09-18 15:53	200	Other	NA	Electronic	10.35359	10.35843
EURSEKmicro	25-09-18	09:32-11:30			10.32628	25-09-18 09:36	15000	Other	NA	Electronic	10.32628	10.33122
EURSEKmicro	25-09-18	13:32-15:30			10.3564	25-09-18 15:10	5000	Other	NA	Electronic	10.3564	10.36123
EURSEKmicro	26-09-18	09:32-11:30			10.37932	26-09-18 09:49	15000	Other	NA	Electronic	10.37414	10.37932
EURSEKmicro	26-09-18	11:32-13:30			10.36468	26-09-18 12:57	500	Other	NA	Electronic	10.36468	10.37017
EURSEKmicro	26-09-18	13:32-15:30			10.34966	26-09-18 13:51	15000	Other	NA	Electronic	10.34966	10.35472
EURSEKmicro	26-09-18	15:32-17:30			10.34936	26-09-18 17:04	120	Other	NA	Electronic	10.34936	10.35462
EURSEKmicro	27-09-18	09:32-11:30			10.33543	27-09-18 10:54	200	Other	NA	Electronic	10.33543	10.34032

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EURSEKmicro	27-09-18	11:32-13:30			10.32964	27-09-18 11:40	200	Other	NA	Electronic	10.32527	10.32964
EURSEKmicro	27-09-18	15:32-17:30			10.29723	27-09-18 15:39	50	Other	NA	Electronic	10.29236	10.29723
EURSEKmicro	28-09-18	09:32-11:30			10.30596	28-09-18 10:42	15000	Other	NA	Electronic	10.30014	10.30596
EURSEKmicro	28-09-18	13:32-15:30			10.32884	28-09-18 14:58	1000	Other	NA	Electronic	10.32884	10.33349
EURSEKmicro	28-09-18	15:32-17:30			10.31129	28-09-18 16:32	15000	Other	NA	Electronic	10.31129	10.3163
EURSGD	02-07-18	11:32-13:30			1.59116	02-07-18 11:53	3000	Other	NA	Electronic	1.59116	1.59282
EURSGD	02-07-18	13:32-15:30			1.59056	02-07-18 14:01	3000	Other	NA	Electronic	1.58894	1.59056
EURSGD	03-07-18	13:32-15:30			1.59133	03-07-18 14:13	1000	Other	NA	Electronic	1.59133	1.59284
EURSGD	04-07-18	09:32-11:30			1.58972	04-07-18 10:40	2000	Other	NA	Electronic	1.5881	1.58972
EURSGD	04-07-18	15:32-17:30			1.59084	04-07-18 16:22	1000	Other	NA	Electronic	1.59082	1.59273
EURSGD	05-07-18	13:32-15:30			1.5951	05-07-18 14:00	2000	Other	NA	Electronic	1.5951	1.5977
EURSGD	06-07-18	09:32-11:30			1.5924	06-07-18 09:39	1000	Other	NA	Electronic	1.5924	1.59416
EURSGD	06-07-18	11:32-13:30			1.59137	06-07-18 12:29	5000	Other	NA	Electronic	1.59131	1.5953
EURSGD	06-07-18	13:32-15:30			1.59787	06-07-18 14:24	4000	Other	NA	Electronic	1.59631	1.59787
EURSGD	09-07-18	15:32-17:30			1.59237	09-07-18 16:35	10000	Other	NA	Electronic	1.59237	1.59396

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSGD	10-07-18	09:32-11:30			1.58957	10-07-18 11:21	25000	Other	NA	Electronic	1.58788	1.58957
EURSGD	10-07-18	13:32-15:30			1.58977	10-07-18 14:51	10000	Other	NA	Electronic	1.58816	1.58977
EURSGD	11-07-18	15:32-17:30			1.59265	11-07-18 17:00	2000	Other	NA	Electronic	1.59265	1.59434
EURSGD	12-07-18	09:32-11:30			1.59094	12-07-18 11:05	2000	Other	NA	Electronic	1.58926	1.59094
EURSGD	13-07-18	09:32-11:30			1.59134	13-07-18 09:39	2000	Other	NA	Electronic	1.58973	1.59134
EURSGD	18-07-18	11:32-13:30			1.58828	18-07-18 13:00	2000	Other	NA	Electronic	1.58828	1.58992
EURSGD	20-07-18	09:32-11:30			1.59347	20-07-18 10:20	1000	Other	NA	Electronic	1.59348	1.59505
EURSGD	20-07-18	11:32-13:30			1.5969	20-07-18 11:45	1000	Other	NA	Electronic	1.59529	1.5969
EURSGD	23-07-18	15:32-17:30			1.59633	23-07-18 16:38	2000	Other	NA	Electronic	1.59633	1.59805
EURSGD	25-07-18	11:32-13:30			1.59541	25-07-18 13:08	10000	Other	NA	Electronic	1.59369	1.59541
EURSGD	25-07-18	13:32-15:30			1.59045	25-07-18 15:01	171000	Other	NA	Electronic	1.59047	1.5921
EURSGD	30-07-18	09:32-11:30			1.59282	30-07-18 09:41	1000	Other	NA	Electronic	1.59118	1.59282
EURSGD	30-07-18	11:32-13:30			1.58992	30-07-18 12:00	2000	Other	NA	Electronic	1.58992	1.59255
EURSGD	31-07-18	11:32-13:30			1.59994	31-07-18 12:30	100000	Other	NA	Electronic	1.59652	1.59994
EURSGD	01-08-18	09:32-11:30			1.59005	01-08-18 09:32	20000	Other	NA	Electronic	1.59005	1.59163

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSGD	01-08-18	11:32-13:30			1.59298	01-08-18 12:30	30000	Other	NA	Electronic	1.59138	1.59298
EURSGD	03-08-18	09:32-11:30			1.58348	03-08-18 11:29	10000	Other	NA	Electronic	1.58347	1.58522
EURSGD	03-08-18	11:32-13:30			1.58296	03-08-18 11:32	100000	Other	NA	Electronic	1.58296	1.58478
EURSGD	06-08-18	09:32-11:30			1.57829	06-08-18 10:43	1000	Other	NA	Electronic	1.57829	1.57991
EURSGD	06-08-18	11:32-13:30			1.58071	06-08-18 12:05	1000	Other	NA	Electronic	1.57908	1.58071
EURSGD	07-08-18	13:32-15:30			1.58022	07-08-18 14:21	5000	Other	NA	Electronic	1.5802	1.58177
EURSGD	08-08-18	15:32-17:30			1.58308	08-08-18 17:07	10000	Other	NA	Electronic	1.58127	1.58309
EURSGD	10-08-18	11:32-13:30			1.56659	10-08-18 13:16	15000	Other	NA	Electronic	1.56659	1.56825
EURSGD	10-08-18	13:32-15:30			1.56661	10-08-18 15:19	2000	Other	NA	Electronic	1.56496	1.56661
EURSGD	10-08-18	15:32-17:30			1.56504	10-08-18 16:04	2000	Other	NA	Electronic	1.5634	1.56504
EURSGD	23-08-18	09:32-11:30			1.58587	23-08-18 10:48	1000	Other	NA	Electronic	1.58587	1.58755
EURSGD	13-09-18	11:32-13:30			1.59846	13-09-18 12:55	1000	Other	NA	Electronic	1.59678	1.59846
EURSGD	13-09-18	13:32-15:30			1.60058	13-09-18 14:25	1000	Other	NA	Electronic	1.60058	1.60228
EURSGD	20-09-18	11:32-13:30			1.60646	20-09-18 11:58	3000	Other	NA	Electronic	1.60448	1.60658
EURSGD	24-09-18	09:32-11:30			1.60502	24-09-18 10:25	10000	Other	NA	Electronic	1.60502	1.60667

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EURSGD	24-09-18	11:32-13:30			1.60967	24-09-18 13:20	10000	Other	NA	Electronic	1.6097	1.61135
EURSGD	26-09-18	11:32-13:30			1.60101	26-09-18 12:20	1000	Other	NA	Electronic	1.60106	1.60312
EURSGD	27-09-18	11:32-13:30			1.5936	27-09-18 12:30	3000	Other	NA	Electronic	1.59375	1.59583
EURSGD.	12-07-18	11:32-13:30			1.59067	12-07-18 13:18	1000	Other	NA	Electronic	1.59067	1.59162
EURSGD.	23-07-18	11:32-13:30			1.5996	23-07-18 12:58	2000	Other	NA	Electronic	1.5987	1.59957
EURSGD.	23-07-18	13:32-15:30			1.59709	23-07-18 15:16	2000	Other	NA	Electronic	1.59709	1.59795
EURSGD.	24-07-18	09:32-11:30			1.59648	24-07-18 10:10	20000	Other	NA	Electronic	1.5956	1.59648
EURSGD.	03-08-18	11:32-13:30			1.58207	03-08-18 12:29	5000	Other	NA	Electronic	1.58207	1.58606
EURSGD.	28-08-18	11:32-13:30			1.59499	28-08-18 11:49	5000	Other	NA	Electronic	1.59499	1.59589
EURSGD.	11-09-18	11:32-13:30			1.59403	11-09-18 12:03	4000	Other	NA	Electronic	1.59403	1.59498
EURSGD.	14-09-18	11:32-13:30			1.60079	14-09-18 12:35	1000	Other	NA	Electronic	1.59996	1.6009
EURSGD.	14-09-18	15:32-17:30			1.59772	14-09-18 16:01	10000	Other	NA	Electronic	1.59782	1.59896
EURSGD.	27-09-18	09:32-11:30			1.59898	27-09-18 09:51	1000	Other	NA	Electronic	1.59807	1.59898
EURSGDmicro	02-07-18	11:32-13:30			1.58956	02-07-18 13:18	3000	Other	NA	Electronic	1.58793	1.58956
EURSGDmicro	02-07-18	13:32-15:30			1.59024	02-07-18 14:24	1000	Other	NA	Electronic	1.58869	1.59024

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EURSGDmicro	02-07-18	15:32-17:30			1.59089	02-07-18 15:36	3000	Other	NA	Electronic	1.59089	1.59249
EURSGDmicro	03-07-18	09:32-11:30			1.59334	03-07-18 10:05	100	Other	NA	Electronic	1.59169	1.59334
EURSGDmicro	03-07-18	13:32-15:30			1.59295	03-07-18 14:36	100	Other	NA	Electronic	1.59142	1.59295
EURSGDmicro	04-07-18	09:32-11:30			1.58686	04-07-18 09:47	100	Other	NA	Electronic	1.58686	1.58852
EURSGDmicro	04-07-18	15:32-17:30			1.59202	04-07-18 16:19	150	Other	NA	Electronic	1.59018	1.59202
EURSGDmicro	05-07-18	09:32-11:30			1.5938	05-07-18 10:54	10	Other	NA	Electronic	1.5938	1.59544
EURSGDmicro	05-07-18	11:32-13:30			1.59724	05-07-18 12:40	1000	Other	NA	Electronic	1.59563	1.59724
EURSGDmicro	05-07-18	13:32-15:30			1.59763	05-07-18 15:04	100	Other	NA	Electronic	1.59601	1.59759
EURSGDmicro	06-07-18	09:32-11:30			1.59235	06-07-18 10:54	1000	Other	NA	Electronic	1.59235	1.59409
EURSGDmicro	06-07-18	11:32-13:30			1.59301	06-07-18 12:08	100	Other	NA	Electronic	1.59301	1.59468
EURSGDmicro	06-07-18	13:32-15:30			1.59647	06-07-18 14:30	100	Other	NA	Electronic	1.59647	1.598
EURSGDmicro	06-07-18	15:32-17:30			1.5957	06-07-18 16:54	100	Other	NA	Electronic	1.59409	1.5957
EURSGDmicro	09-07-18	13:32-15:30			1.59441	09-07-18 14:38	300	Other	NA	Electronic	1.59282	1.59439
EURSGDmicro	10-07-18	09:32-11:30			1.589	10-07-18 11:08	100	Other	NA	Electronic	1.58728	1.58898
EURSGDmicro	11-07-18	11:32-13:30			1.59223	11-07-18 12:11	100	Other	NA	Electronic	1.59223	1.59384

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSGDmicro	11-07-18	15:32-17:30			1.59104	11-07-18 17:06	200	Other	NA	Electronic	1.59104	1.59279
EURSGDmicro	12-07-18	09:32-11:30			1.59166	12-07-18 10:04	200	Other	NA	Electronic	1.59002	1.59166
EURSGDmicro	12-07-18	11:32-13:30			1.58733	12-07-18 12:29	100	Other	NA	Electronic	1.58733	1.59132
EURSGDmicro	13-07-18	09:30-09:32	1.59136	600								
EURSGDmicro	13-07-18	11:32-13:30			1.5916	13-07-18 13:10	300	Other	NA	Electronic	1.5916	1.5933
EURSGDmicro	13-07-18	15:32-17:30			1.59387	13-07-18 16:44	100	Other	NA	Electronic	1.59387	1.59548
EURSGDmicro	17-07-18	13:32-15:30			1.59179	17-07-18 13:55	50	Other	NA	Electronic	1.59179	1.59342
EURSGDmicro	17-07-18	15:32-17:30			1.59177	17-07-18 16:41	100	Other	NA	Electronic	1.59012	1.59177
EURSGDmicro	18-07-18	13:32-15:30			1.5908	18-07-18 13:33	40	Other	NA	Electronic	1.58915	1.5908
EURSGDmicro	19-07-18	15:32-17:30			1.59668	19-07-18 17:03	150	Other	NA	Electronic	1.59471	1.59673
EURSGDmicro	20-07-18	13:32-15:30			1.59567	20-07-18 14:30	300	Other	NA	Electronic	1.59571	1.5973
EURSGDmicro	23-07-18	09:32-11:30			1.59606	23-07-18 10:14	400	Other	NA	Electronic	1.59606	1.59765
EURSGDmicro	23-07-18	11:32-13:30			1.59744	23-07-18 12:23	1000	Other	NA	Electronic	1.59744	1.59903
EURSGDmicro	23-07-18	15:32-17:30			1.597	23-07-18 16:01	1000	Other	NA	Electronic	1.597	1.59872
EURSGDmicro	24-07-18	09:32-11:30			1.5969	24-07-18 10:53	300	Other	NA	Electronic	1.5953	1.5969



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EURSGDmicro	24-07-18	13:32-15:30			1.59578	24-07-18 14:58	1000	Other	NA	Electronic	1.59408	1.59578
EURSGDmicro	25-07-18	09:32-11:30			1.59388	25-07-18 09:37	400	Other	NA	Electronic	1.59223	1.59388
EURSGDmicro	25-07-18	11:32-13:30			1.59245	25-07-18 12:00	300	Other	NA	Electronic	1.59245	1.59411
EURSGDmicro	25-07-18	15:32-17:30			1.59151	25-07-18 16:14	300	Other	NA	Electronic	1.58985	1.59151
EURSGDmicro	26-07-18	13:32-15:30			1.58924	26-07-18 14:35	5000	Other	NA	Electronic	1.58924	1.59088
EURSGDmicro	26-07-18	15:32-17:30			1.58747	26-07-18 15:52	200	Other	NA	Electronic	1.58748	1.58913
EURSGDmicro	27-07-18	11:32-13:30			1.58941	27-07-18 12:30	120	Other	NA	Electronic	1.58571	1.58942
EURSGDmicro	30-07-18	13:32-15:30			1.593	30-07-18 15:16	120	Other	NA	Electronic	1.593	1.5946
EURSGDmicro	30-07-18	15:30-15:32	1.59308	260								
EURSGDmicro	31-07-18	15:32-17:30			1.59092	31-07-18 17:16	10000	Other	NA	Electronic	1.59093	1.59258
EURSGDmicro	01-08-18	09:32-11:30			1.59162	01-08-18 10:19	20	Other	NA	Electronic	1.59	1.59162
EURSGDmicro	01-08-18	11:32-13:30			1.59224	01-08-18 12:16	100	Other	NA	Electronic	1.59062	1.59224
EURSGDmicro	01-08-18	15:32-17:30			1.59024	01-08-18 15:47	100	Other	NA	Electronic	1.5886	1.59024
EURSGDmicro	02-08-18	11:32-13:30			1.58859	02-08-18 12:17	50	Other	NA	Electronic	1.58699	1.58859
EURSGDmicro	02-08-18	13:32-15:30			1.58786	02-08-18 14:51	100	Other	NA	Electronic	1.58629	1.58786

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EURSGDmicro	03-08-18	11:32-13:30			1.58508	03-08-18 12:24	100	Other	NA	Electronic	1.58341	1.58504
EURSGDmicro	06-08-18	13:32-15:30			1.58008	06-08-18 13:32	40	Other	NA	Electronic	1.58008	1.5816
EURSGDmicro	07-08-18	11:32-13:30			1.58331	07-08-18 12:29	40	Other	NA	Electronic	1.58123	1.58331
EURSGDmicro	08-08-18	09:32-11:30			1.58109	08-08-18 10:19	50	Other	NA	Electronic	1.58108	1.58266
EURSGDmicro	09-08-18	09:32-11:30			1.57968	09-08-18 09:38	200	Other	NA	Electronic	1.57968	1.58132
EURSGDmicro	09-08-18	11:32-13:30			1.58114	09-08-18 12:35	2000	Other	NA	Electronic	1.57951	1.58114
EURSGDmicro	10-08-18	13:32-15:30			1.56731	10-08-18 13:51	20	Other	NA	Electronic	1.56567	1.56731
EURSGDmicro	13-08-18	11:32-13:30			1.57054	13-08-18 11:55	30	Other	NA	Electronic	1.56883	1.57054
EURSGDmicro	13-08-18	13:32-15:30			1.56917	13-08-18 15:25	100	Other	NA	Electronic	1.56917	1.5708
EURSGDmicro	13-08-18	15:32-17:30			1.56822	13-08-18 16:02	1000	Other	NA	Electronic	1.56822	1.56986
EURSGDmicro	14-08-18	15:32-17:30			1.56139	14-08-18 15:50	20	Other	NA	Electronic	1.56139	1.56302
EURSGDmicro	15-08-18	09:32-11:30			1.56371	15-08-18 09:36	50	Other	NA	Electronic	1.56205	1.56371
EURSGDmicro	15-08-18	13:32-15:30			1.56437	15-08-18 14:34	50	Other	NA	Electronic	1.56274	1.56437
EURSGDmicro	20-08-18	13:32-15:30			1.57	20-08-18 14:43	5000	Other	NA	Electronic	1.56836	1.57
EURSGDmicro	20-08-18	15:32-17:30			1.5696	20-08-18 16:24	20	Other	NA	Electronic	1.5696	1.57124

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EURSGDmicro	21-08-18	09:32-11:30			1.57473	21-08-18 10:29	2000	Other	NA	Electronic	1.57473	1.57636
EURSGDmicro	21-08-18	11:32-13:30			1.57345	21-08-18 13:02	1000	Other	NA	Electronic	1.57344	1.57507
EURSGDmicro	22-08-18	09:32-11:30			1.58448	22-08-18 11:11	20	Other	NA	Electronic	1.58448	1.58614
EURSGDmicro	22-08-18	11:32-13:30			1.58544	22-08-18 12:58	3000	Other	NA	Electronic	1.58544	1.58708
EURSGDmicro	22-08-18	13:30-13:32	1.58669	5000								
EURSGDmicro	24-08-18	11:32-13:30			1.58788	24-08-18 13:12	200	Other	NA	Electronic	1.58624	1.58788
EURSGDmicro	27-08-18	13:32-15:30			1.59101	27-08-18 13:32	20	Other	NA	Electronic	1.58934	1.59101
EURSGDmicro	27-08-18	15:32-17:30			1.59145	27-08-18 16:25	100	Other	NA	Electronic	1.59145	1.59308
EURSGDmicro	29-08-18	11:32-13:30			1.59689	29-08-18 13:23	100	Other	NA	Electronic	1.59525	1.59689
EURSGDmicro	30-08-18	13:32-15:30			1.59501	30-08-18 14:32	70	Other	NA	Electronic	1.59337	1.59501
EURSGDmicro	30-08-18	15:32-17:30			1.59472	30-08-18 17:02	1000	Other	NA	Electronic	1.59299	1.59472
EURSGDmicro	31-08-18	11:32-13:30			1.59591	31-08-18 12:05	50	Other	NA	Electronic	1.59591	1.59755
EURSGDmicro	31-08-18	13:32-15:30			1.59622	31-08-18 14:53	50	Other	NA	Electronic	1.59459	1.59622
EURSGDmicro	31-08-18	15:32-17:30			1.59221	31-08-18 16:13	40	Other	NA	Electronic	1.59057	1.59221
EURSGDmicro	03-09-18	11:32-13:30			1.59349	03-09-18 11:56	100	Other	NA	Electronic	1.59186	1.59349

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURSGDmicro	04-09-18	11:32-13:30			1.59194	04-09-18 12:58	500	Other	NA	Electronic	1.59031	1.59194
EURSGDmicro	05-09-18	09:32-11:30			1.59616	05-09-18 10:40	100	Other	NA	Electronic	1.59617	1.59783
EURSGDmicro	05-09-18	11:32-13:30			1.59783	05-09-18 11:42	20	Other	NA	Electronic	1.59618	1.59783
EURSGDmicro	05-09-18	13:32-15:30			1.59993	05-09-18 14:43	100	Other	NA	Electronic	1.59828	1.59993
EURSGDmicro	06-09-18	11:32-13:30			1.60003	06-09-18 12:23	40	Other	NA	Electronic	1.60003	1.60168
EURSGDmicro	06-09-18	13:32-15:30			1.59586	06-09-18 15:06	200	Other	NA	Electronic	1.59598	1.59774
EURSGDmicro	07-09-18	09:32-11:30			1.5997	07-09-18 10:59	60	Other	NA	Electronic	1.59805	1.5997
EURSGDmicro	07-09-18	13:32-15:30			1.59572	07-09-18 14:00	60	Other	NA	Electronic	1.59407	1.59572
EURSGDmicro	10-09-18	11:32-13:30			1.60056	10-09-18 13:00	20	Other	NA	Electronic	1.59888	1.60056
EURSGDmicro	10-09-18	13:32-15:30			1.5993	10-09-18 14:54	140	Other	NA	Electronic	1.5993	1.60116
EURSGDmicro	11-09-18	09:32-11:30			1.59856	11-09-18 09:50	20	Other	NA	Electronic	1.59691	1.59856
EURSGDmicro	11-09-18	11:32-13:30			1.59496	11-09-18 12:07	20	Other	NA	Electronic	1.59331	1.59496
EURSGDmicro	12-09-18	13:32-15:30			1.60002	12-09-18 14:17	100	Other	NA	Electronic	1.59836	1.60001
EURSGDmicro	13-09-18	09:32-11:30			1.59354	13-09-18 11:26	1000	Other	NA	Electronic	1.59354	1.59519
EURSGDmicro	14-09-18	09:32-11:30			1.6029	14-09-18 10:42	100	Other	NA	Electronic	1.60124	1.6029

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EURSGDmicro	14-09-18	11:32-13:30			1.60048	14-09-18 12:03	100	Other	NA	Electronic	1.60048	1.60213
EURSGDmicro	17-09-18	11:32-13:30			1.60189	17-09-18 13:01	50	Other	NA	Electronic	1.60189	1.60354
EURSGDmicro	18-09-18	11:32-13:30			1.60284	18-09-18 11:47	30	Other	NA	Electronic	1.60284	1.60449
EURSGDmicro	18-09-18	13:32-15:30			1.60355	18-09-18 13:39	10	Other	NA	Electronic	1.60355	1.60521
EURSGDmicro	18-09-18	15:32-17:30			1.59792	18-09-18 16:44	1000	Other	NA	Electronic	1.59792	1.59957
EURSGDmicro	20-09-18	09:32-11:30			1.60225	20-09-18 10:05	100	Other	NA	Electronic	1.60061	1.60225
EURSGDmicro	20-09-18	11:32-13:30			1.60611	20-09-18 12:09	10	Other	NA	Electronic	1.60611	1.60776
EURSGDmicro	24-09-18	13:30-13:32	1.60978	500								
EURSGDmicro	25-09-18	11:32-13:30			1.60759	25-09-18 12:43	10	Other	NA	Electronic	1.5975	1.59916
EURSGDmicro	26-09-18	15:32-17:30			1.60231	26-09-18 16:41	200	Other	NA	Electronic	1.60231	1.60395
EURSGDmicro	27-09-18	09:32-11:30			1.59978	27-09-18 09:35	10	Other	NA	Electronic	1.59813	1.59978
EURSGDmicro	27-09-18	11:32-13:30			1.59558	27-09-18 12:27	10	Other	NA	Electronic	1.59559	1.59727
EURSGDmicro	27-09-18	15:32-17:30			1.59349	27-09-18 15:38	50	Other	NA	Electronic	1.59349	1.59513
EURSGDmicro	28-09-18	09:32-11:30			1.58585	28-09-18 10:07	10	Other	NA	Electronic	1.58415	1.58587
EURSGDmicro	28-09-18	13:32-15:30			1.58729	28-09-18 14:45	140	Other	NA	Electronic	1.58564	1.58729

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EURTRY	02-07-18	09:32-11:30			5.38357	02-07-18 09:37	20000	Other	NA	Electronic	5.38357	5.38664
EURTRY	02-07-18	11:30-11:32	5.37844	20000								
EURTRY	02-07-18	13:30-13:32	5.36106	247000								
EURTRY	02-07-18	15:30-15:32	5.37599	9000								
EURTRY	03-07-18	09:30-09:32	5.44031	10000								
EURTRY	03-07-18	11:32-13:30			5.43712	03-07-18 11:39	1000	Other	NA	Electronic	5.43545	5.43712
EURTRY	03-07-18	13:30-13:32	5.43273	5000								
EURTRY	03-07-18	15:32-17:30			5.44832	03-07-18 15:33	2000	Other	NA	Electronic	5.44832	5.45274
EURTRY	04-07-18	09:32-11:30			5.47245	04-07-18 09:37	10000	Other	NA	Electronic	5.44076	5.44273
EURTRY	04-07-18	11:32-13:30			5.47557	04-07-18 11:32	1000	Other	NA	Electronic	5.47557	5.47864
EURTRY	04-07-18	13:32-15:30			5.45349	04-07-18 13:33	10000	Other	NA	Electronic	5.45162	5.45349
EURTRY	04-07-18	15:32-17:30			5.43892	04-07-18 15:48	5000	Other	NA	Electronic	5.43532	5.43892
EURTRY	05-07-18	09:30-09:32	5.43814	20000								
EURTRY	05-07-18	11:32-13:30			5.42316	05-07-18 11:35	10000	Other	NA	Electronic	5.42077	5.42316
EURTRY	05-07-18	13:30-13:32	5.40511	170000								

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EURTRY	05-07-18	15:32-17:30			5.38679	05-07-18 15:36	2000	Other	NA	Electronic	5.38392	5.38679
EURTRY	06-07-18	09:30-09:32	5.40084	15000								
EURTRY	06-07-18	11:32-13:30			5.409	06-07-18 11:32	4000	Other	NA	Electronic	5.40719	5.409
EURTRY	06-07-18	13:32-15:30			5.382	06-07-18 13:32	5000	Other	NA	Electronic	5.382	5.38374
EURTRY	06-07-18	15:32-17:30			5.3776	06-07-18 15:32	10000	Other	NA	Electronic	5.3776	5.37934
EURTRY	09-07-18	09:30-09:32	5.32951	336000								
EURTRY	09-07-18	11:30-11:32	5.33489	3000								
EURTRY	09-07-18	13:30-13:32	5.36646	70000								
EURTRY	09-07-18	15:32-17:30			5.36934	09-07-18 15:48	20000	Other	NA	Electronic	5.36934	5.37355
EURTRY	10-07-18	09:30-09:32	5.5185	30000								
EURTRY	10-07-18	11:32-13:30			5.53512	10-07-18 11:40	3000	Other	NA	Electronic	5.53532	5.53789
EURTRY	10-07-18	13:30-13:32	5.49915	35000								
EURTRY	10-07-18	15:32-17:30			5.50887	10-07-18 15:39	1000	Other	NA	Electronic	5.50696	5.51165
EURTRY	11-07-18	09:32-11:30			5.56429	11-07-18 09:32	1000	Other	NA	Electronic	5.55992	5.56429
EURTRY	11-07-18	11:30-11:32	5.58164	10000								

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EURTRY	11-07-18	13:30-13:32	5.59993	254000								
EURTRY	11-07-18	15:30-15:32	5.67157	82000								
EURTRY	12-07-18	09:30-09:32	5.61221	46000								
EURTRY	12-07-18	11:30-11:32	5.62555	1000								
EURTRY	12-07-18	13:30-13:32	5.70234	77000								
EURTRY	12-07-18	15:30-15:32	5.65967	4000								
EURTRY	13-07-18	09:32-11:30			5.64117	13-07-18 09:46	1000	Other	NA	Electronic	5.64117	5.6465
EURTRY	13-07-18	11:32-13:30			5.65018	13-07-18 11:37	5000	Other	NA	Electronic	5.64622	5.65018
EURTRY	13-07-18	13:30-13:32	5.64493	5000								
EURTRY	13-07-18	15:32-17:30			5.63989	13-07-18 15:43	3000	Other	NA	Electronic	5.63532	5.63989
EURTRY	16-07-18	09:32-11:30			5.66914	16-07-18 09:35	22000	Other	NA	Electronic	5.66592	5.66914
EURTRY	16-07-18	11:32-13:30			5.68251	16-07-18 11:34	2000	Other	NA	Electronic	5.68251	5.68543
EURTRY	16-07-18	13:30-13:32	5.66306	4000								
EURTRY	16-07-18	15:32-17:30			5.66489	16-07-18 15:46	10000	Other	NA	Electronic	5.66489	5.66768
EURTRY	17-07-18	09:32-11:30			5.67786	17-07-18 09:56	5000	Other	NA	Electronic	5.67492	5.67786



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EURTRY	17-07-18	11:32-13:30			5.67318	17-07-18 11:32	14000	Other	NA	Electronic	5.67318	5.67715
EURTRY	17-07-18	13:30-13:32	5.65629	11000								
EURTRY	17-07-18	15:30-15:32	5.59416	2000								
EURTRY	18-07-18	09:32-11:30			5.56334	18-07-18 09:33	35000	Other	NA	Electronic	5.56057	5.56334
EURTRY	18-07-18	11:30-11:32	5.60306	555000								
EURTRY	18-07-18	13:32-15:30			5.61285	18-07-18 13:43	1000	Other	NA	Electronic	5.60899	5.61285
EURTRY	18-07-18	15:32-17:30			5.60084	18-07-18 15:39	10000	Other	NA	Electronic	5.59663	5.60084
EURTRY	19-07-18	09:30-09:32	5.61024	1000								
EURTRY	19-07-18	11:32-13:30			5.59972	19-07-18 12:23	2000	Other	NA	Electronic	5.59972	5.60398
EURTRY	19-07-18	13:30-13:32	5.60015	21000								
EURTRY	19-07-18	15:32-17:30			5.60072	19-07-18 16:03	10000	Other	NA	Electronic	5.60072	5.60529
EURTRY	20-07-18	09:30-09:32	5.59992	17000								
EURTRY	20-07-18	11:32-13:30			5.59031	20-07-18 11:47	10000	Other	NA	Electronic	5.59031	5.59284
EURTRY	20-07-18	13:32-15:30			5.6013	20-07-18 13:57	2000	Other	NA	Electronic	5.6013	5.60379
EURTRY	20-07-18	15:32-17:30			5.61082	20-07-18 15:33	1000	Other	NA	Electronic	5.61084	5.61489

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EURTRY	23-07-18	09:30-09:32	5.57534	1000								
EURTRY	23-07-18	11:32-13:30			5.57034	23-07-18 11:32	5000	Other	NA	Electronic	5.56763	5.57034
EURTRY	23-07-18	13:30-13:32	5.55298	38000								
EURTRY	23-07-18	15:30-15:32	5.56065	1000								
EURTRY	24-07-18	09:32-11:30			5.57646	24-07-18 09:35	15000	Other	NA	Electronic	5.57646	5.5804
EURTRY	24-07-18	11:30-11:32	5.75081	55000								
EURTRY	24-07-18	13:30-13:32	5.72055	8000								
EURTRY	24-07-18	15:32-17:30			5.70524	24-07-18 15:38	2000	Other	NA	Electronic	5.70524	5.71149
EURTRY	25-07-18	09:30-09:32	5.68058	22000								
EURTRY	25-07-18	11:32-13:30			5.69242	25-07-18 11:33	1000	Other	NA	Electronic	5.69242	5.69619
EURTRY	25-07-18	13:32-15:30			5.65429	25-07-18 13:36	66000	Other	NA	Electronic	5.65097	5.65429
EURTRY	25-07-18	15:32-17:30			5.64171	25-07-18 15:34	5000	Other	NA	Electronic	5.63787	5.64174
EURTRY	26-07-18	09:32-11:30			5.65392	26-07-18 09:33	1000	Other	NA	Electronic	5.65387	5.65679
EURTRY	26-07-18	11:30-11:32	5.65873	10000								
EURTRY	26-07-18	13:30-13:32	5.6172	11000								

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EURTRY	26-07-18	15:30-15:32	5.66343	32000								
EURTRY	27-07-18	09:32-11:30			5.66087	27-07-18 09:38	10000	Other	NA	Electronic	5.65712	5.66049
EURTRY	27-07-18	11:32-13:30			5.66784	27-07-18 11:49	1000	Other	NA	Electronic	5.66439	5.66784
EURTRY	27-07-18	13:30-13:32	5.65941	27000								
EURTRY	27-07-18	15:30-15:32	5.65685	2000								
EURTRY	30-07-18	09:32-11:30			5.70481	30-07-18 09:35	1000	Other	NA	Electronic	5.70481	5.70853
EURTRY	30-07-18	11:30-11:32	5.71257	5000								
EURTRY	30-07-18	13:32-15:30			5.70542	30-07-18 13:33	20000	Other	NA	Electronic	5.70542	5.70892
EURTRY	30-07-18	15:32-17:30			5.72351	30-07-18 15:34	2000	Other	NA	Electronic	5.72351	5.72684
EURTRY	31-07-18	09:30-09:32	5.74934	12000								
EURTRY	31-07-18	11:32-13:30			5.73404	31-07-18 11:34	5000	Other	NA	Electronic	5.73093	5.73404
EURTRY	31-07-18	13:30-13:32	5.74541	1000								
EURTRY	31-07-18	15:30-15:32	5.75713	1000								
EURTRY	01-08-18	09:32-11:30			5.76184	01-08-18 09:35	1000	Other	NA	Electronic	5.76184	5.76489
EURTRY	01-08-18	11:30-11:32	5.75592	3000								

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EURTRY	01-08-18	13:30-13:32	5.74783	2000								
EURTRY	01-08-18	15:30-15:32	5.74523	4000								
EURTRY	02-08-18	09:30-09:32	5.90888	33000								
EURTRY	02-08-18	11:30-11:32	5.86545	8000								
EURTRY	02-08-18	13:32-15:30			5.88234	02-08-18 13:32	15000	Other	NA	Electronic	5.87831	5.88234
EURTRY	02-08-18	15:32-17:30			5.88869	02-08-18 15:37	1000	Other	NA	Electronic	5.88869	5.89244
EURTRY	03-08-18	09:30-09:32	5.88835	10000								
EURTRY	03-08-18	11:32-13:30			5.8895	03-08-18 11:48	11000	Other	NA	Electronic	5.88678	5.8895
EURTRY	03-08-18	13:32-15:30			5.88472	03-08-18 13:46	1000	Other	NA	Electronic	5.88472	5.88816
EURTRY	03-08-18	15:32-17:30			5.88494	03-08-18 16:02	5000	Other	NA	Electronic	5.88164	5.88494
EURTRY	06-08-18	09:30-09:32	5.97963	4000								
EURTRY	06-08-18	11:30-11:32	5.96321	22000								
EURTRY	06-08-18	13:32-15:30			5.99461	06-08-18 13:50	4000	Other	NA	Electronic	5.99093	5.99461
EURTRY	06-08-18	15:30-15:32	6.0124	3000								
EURTRY	07-08-18	09:32-11:30			6.11006	07-08-18 09:38	24000	Other	NA	Electronic	6.11006	6.11355

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EURTRY	07-08-18	11:30-11:32	6.1784	25000								
EURTRY	07-08-18	13:30-13:32	6.13149	2000								
EURTRY	07-08-18	15:32-17:30			6.09626	07-08-18 15:35	5000	Other	NA	Electronic	6.09626	6.10053
EURTRY	08-08-18	09:30-09:32	6.14376	13000								
EURTRY	08-08-18	11:30-11:32	6.14344	1000								
EURTRY	08-08-18	13:32-15:30			6.12176	08-08-18 13:32	1000	Other	NA	Electronic	6.12176	6.12486
EURTRY	08-08-18	15:30-15:32	6.13763	3000								
EURTRY	09-08-18	09:32-11:30			6.28245	09-08-18 09:33	1000	Other	NA	Electronic	6.28245	6.28547
EURTRY	09-08-18	11:30-11:32	6.27187	13000								
EURTRY	09-08-18	13:30-13:32	6.32096	12000								
EURTRY	09-08-18	15:32-17:30			6.33362	09-08-18 15:32	2000	Other	NA	Electronic	6.32981	6.33362
EURTRY	10-08-18	09:32-11:30			6.76134	10-08-18 09:34	1000	Other	NA	Electronic	6.76134	6.77067
EURTRY	10-08-18	11:30-11:32	6.8128	1000								
EURTRY	10-08-18	13:30-13:32	7.71957	47000								
EURTRY	10-08-18	15:32-17:30			7.36888	10-08-18 15:47	20000	Other	NA	Electronic	7.34304	7.36888

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EURTRY	13-08-18	11:32-13:30			7.68146	13-08-18 11:58	3000	Other	NA	Electronic	7.61146	7.68146
EURTRY	13-08-18	15:32-17:30			8.02243	13-08-18 17:22	1000	Other	NA	Electronic	7.97298	8.02243
EURTRY	14-08-18	09:32-11:30			7.5339	14-08-18 10:42	1000	Other	NA	Electronic	7.4889	7.5339
EURTRY	14-08-18	13:32-15:30			7.30293	14-08-18 14:50	1000	Other	NA	Electronic	7.30293	7.34793
EURTRY	14-08-18	15:32-17:30			7.37732	14-08-18 16:25	3000	Other	NA	Electronic	7.33232	7.37732
EURTRY	17-08-18	11:32-13:30			6.97967	17-08-18 13:24	1000	Other	NA	Electronic	6.97967	7.02467
EURTRY	20-08-18	09:32-11:30			6.97633	20-08-18 10:09	1000	Other	NA	Electronic	6.93133	6.97633
EURTRY	20-08-18	11:32-13:30			6.97746	20-08-18 12:37	1000	Other	NA	Electronic	6.97746	7.02246
EURTRY	20-08-18	13:32-15:30			7.0299	20-08-18 13:52	1000	Other	NA	Electronic	7.0299	7.0749
EURTRY	20-08-18	15:32-17:30			7.06194	20-08-18 17:13	1000	Other	NA	Electronic	7.01694	7.06194
EURTRY	21-08-18	09:32-11:30			7.04123	21-08-18 10:15	1000	Other	NA	Electronic	7.04123	7.08623
EURTRY	21-08-18	11:32-13:30			7.05799	21-08-18 11:44	5000	Other	NA	Electronic	7.01299	7.05799
EURTRY	21-08-18	13:32-15:30			7.02618	21-08-18 13:41	3000	Other	NA	Electronic	6.98118	7.02618
EURTRY	21-08-18	15:32-17:30			6.96139	21-08-18 15:59	1000	Other	NA	Electronic	6.96139	7.00639
EURTRY	22-08-18	11:32-13:30			7.01326	22-08-18 13:11	1000	Other	NA	Electronic	7.01326	7.05826

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURTRY	22-08-18	13:32-15:30			7.05001	22-08-18 15:07	1000	Other	NA	Electronic	7.00501	7.05001
EURTRY	22-08-18	15:32-17:30			6.98949	22-08-18 15:41	1000	Other	NA	Electronic	6.98949	7.03449
EURTRY	23-08-18	11:32-13:30			7.05559	23-08-18 12:33	5000	Other	NA	Electronic	7.01059	7.05559
EURTRY	23-08-18	13:32-15:30			7.0639	23-08-18 13:39	3000	Other	NA	Electronic	7.0189	7.0639
EURTRY	23-08-18	15:32-17:30			7.06418	23-08-18 16:11	3000	Other	NA	Electronic	7.06418	7.10918
EURTRY	24-08-18	11:32-13:30			7.04779	24-08-18 12:31	1000	Other	NA	Electronic	7.00279	7.04779
EURTRY	24-08-18	15:32-17:30			6.99086	24-08-18 15:47	3000	Other	NA	Electronic	6.99086	7.03586
EURTRY	27-08-18	09:32-11:30			7.17608	27-08-18 09:33	1000	Other	NA	Electronic	7.1311	7.1761
EURTRY	27-08-18	11:32-13:30			7.18264	27-08-18 11:42	9000	Other	NA	Electronic	7.18264	7.22764
EURTRY	27-08-18	13:30-13:32	7.13561	1000								
EURTRY	28-08-18	09:32-11:30			7.25744	28-08-18 10:25	10000	Other	NA	Electronic	7.25744	7.30244
EURTRY	28-08-18	11:32-13:30			7.33494	28-08-18 11:54	8000	Other	NA	Electronic	7.28994	7.33494
EURTRY	28-08-18	13:30-13:32	7.29495	1000								
EURTRY	28-08-18	15:30-15:32	7.31107	1000								
EURTRY	29-08-18	09:32-11:30			7.43973	29-08-18 10:19	1000	Other	NA	Electronic	7.43973	7.48473

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EURTRY	29-08-18	11:32-13:30			7.56066	29-08-18 12:05	50000	Other	NA	Electronic	7.51566	7.56066
EURTRY	29-08-18	15:32-17:30			7.56095	29-08-18 15:33	10000	Other	NA	Electronic	7.51595	7.56095
EURTRY	30-08-18	09:32-11:30			7.74637	30-08-18 09:33	1000	Other	NA	Electronic	7.74637	7.79137
EURTRY	30-08-18	11:30-11:32	7.82167	1000								
EURTRY	30-08-18	13:32-15:30			7.83207	30-08-18 13:51	1000	Other	NA	Electronic	7.83207	7.87707
EURTRY	30-08-18	15:32-17:30			7.85713	30-08-18 16:42	1000	Other	NA	Electronic	7.81213	7.85713
EURTRY	31-08-18	13:32-15:30			7.64097	31-08-18 13:55	1000	Other	NA	Electronic	7.64097	7.68597
EURTRY	31-08-18	15:30-15:32	7.74121	1000								
EURTRY	03-09-18	09:32-11:30			7.71665	03-09-18 11:01	50000	Other	NA	Electronic	7.67165	7.71665
EURTRY	03-09-18	11:32-13:30			7.66246	03-09-18 11:54	1000	Other	NA	Electronic	7.66246	7.70746
EURTRY	03-09-18	13:32-15:30			7.73381	03-09-18 14:04	1000	Other	NA	Electronic	7.68881	7.73381
EURTRY	03-09-18	15:32-17:30			7.72587	03-09-18 16:24	1000	Other	NA	Electronic	7.72587	7.77087
EURTRY	04-09-18	13:32-15:30			7.71155	04-09-18 14:02	1000	Other	NA	Electronic	7.71155	7.75655
EURTRY	05-09-18	09:32-11:30			7.73375	05-09-18 09:38	5000	Other	NA	Electronic	7.73282	7.77782
EURTRY	05-09-18	11:32-13:30			7.72926	05-09-18 12:37	2000	Other	NA	Electronic	7.68426	7.72926



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURTRY	05-09-18	13:32-15:30			7.73993	05-09-18 13:39	1000	Other	NA	Electronic	7.69493	7.73993
EURTRY	05-09-18	15:32-17:30			7.62574	05-09-18 16:48	1000	Other	NA	Electronic	7.62574	7.67074
EURTRY	06-09-18	09:32-11:30			7.64846	06-09-18 09:36	20000	Other	NA	Electronic	7.60261	7.64761
EURTRY	06-09-18	13:32-15:30			7.70578	06-09-18 15:22	1000	Other	NA	Electronic	7.66078	7.70578
EURTRY	07-09-18	09:32-11:30			7.54319	07-09-18 09:37	1000	Other	NA	Electronic	7.49819	7.54319
EURTRY	07-09-18	11:32-13:30			7.5179	07-09-18 11:38	1000	Other	NA	Electronic	7.4729	7.5179
EURTRY	07-09-18	15:32-17:30			7.3899	07-09-18 15:49	2000	Other	NA	Electronic	7.3899	7.4349
EURTRY	10-09-18	11:32-13:30			7.45451	10-09-18 12:35	1000	Other	NA	Electronic	7.45451	7.49951
EURTRY	10-09-18	13:32-15:30			7.51841	10-09-18 13:40	2000	Other	NA	Electronic	7.47694	7.52194
EURTRY	10-09-18	15:32-17:30			7.4859	10-09-18 16:25	1000	Other	NA	Electronic	7.4859	7.5309
EURTRY	11-09-18	15:32-17:30			7.50657	11-09-18 15:46	1000	Other	NA	Electronic	7.47587	7.50657
EURTRY	12-09-18	09:32-11:30			7.37184	12-09-18 11:13	2000	Other	NA	Electronic	7.3422	7.37184
EURTRY	12-09-18	11:32-13:30			7.38456	12-09-18 12:28	11000	Other	NA	Electronic	7.35634	7.38456
EURTRY	12-09-18	13:32-15:30			7.38886	12-09-18 13:59	5000	Other	NA	Electronic	7.3574	7.38886
EURTRY	12-09-18	15:32-17:30			7.37936	12-09-18 16:28	1000	Other	NA	Electronic	7.37936	7.4106

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EURTRY	13-09-18	09:30-09:32	7.5612	16000								
EURTRY	13-09-18	11:32-13:30			7.21759	13-09-18 11:39	10000	Other	NA	Electronic	7.18648	7.21759
EURTRY	13-09-18	13:30-13:32	7.2307	1000								
EURTRY	13-09-18	15:32-17:30			7.20795	13-09-18 15:48	2000	Other	NA	Electronic	7.17012	7.20795
EURTRY	14-09-18	11:32-13:30			7.12624	14-09-18 12:52	1000	Other	NA	Electronic	7.12624	7.15655
EURTRY	14-09-18	13:32-15:30			7.17933	14-09-18 14:35	5000	Other	NA	Electronic	7.17933	7.20876
EURTRY	14-09-18	15:32-17:30			7.14539	14-09-18 15:57	1000	Other	NA	Electronic	7.14539	7.17738
EURTRY	17-09-18	09:32-11:30			7.31105	17-09-18 09:43	5000	Other	NA	Electronic	7.27915	7.31105
EURTRY	17-09-18	11:32-13:30			7.34628	17-09-18 12:36	1000	Other	NA	Electronic	7.34628	7.37841
EURTRY	17-09-18	13:32-15:30			7.35118	17-09-18 14:54	3000	Other	NA	Electronic	7.35118	7.39021
EURTRY	18-09-18	09:32-11:30			7.41165	18-09-18 09:38	1000	Other	NA	Electronic	7.41165	7.44226
EURTRY	18-09-18	11:32-13:30			7.49564	18-09-18 12:44	30000	Other	NA	Electronic	7.4675	7.49564
EURTRY	18-09-18	13:32-15:30			7.48813	18-09-18 13:34	1000	Other	NA	Electronic	7.48813	7.52235
EURTRY	18-09-18	15:32-17:30			7.43312	18-09-18 15:55	3000	Other	NA	Electronic	7.40186	7.43312
EURTRY	19-09-18	09:32-11:30			7.36976	19-09-18 09:32	1000	Other	NA	Electronic	7.33662	7.36976

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EURTRY	19-09-18	11:30-11:32	7.35414	1000								
EURTRY	19-09-18	13:32-15:30			7.29647	19-09-18 13:49	10000	Other	NA	Electronic	7.26405	7.2953
EURTRY	19-09-18	15:32-17:30			7.3582	19-09-18 16:49	2000	Other	NA	Electronic	7.32515	7.3582
EURTRY	20-09-18	09:32-11:30			7.362	20-09-18 09:59	1000	Other	NA	Electronic	7.328	7.362
EURTRY	20-09-18	11:32-13:30			7.41794	20-09-18 11:46	1000	Other	NA	Electronic	7.41794	7.44933
EURTRY	20-09-18	13:32-15:30			7.37919	20-09-18 13:47	4000	Other	NA	Electronic	7.37919	7.4117
EURTRY	20-09-18	15:32-17:30			7.29412	20-09-18 15:47	1000	Other	NA	Electronic	7.29412	7.35007
EURTRY	21-09-18	09:32-11:30			7.38797	21-09-18 11:25	2000	Other	NA	Electronic	7.38797	7.42165
EURTRY	21-09-18	13:32-15:30			7.37405	21-09-18 14:59	2000	Other	NA	Electronic	7.37405	7.40397
EURTRY	24-09-18	09:32-11:30			7.29653	24-09-18 09:51	2000	Other	NA	Electronic	7.29653	7.33021
EURTRY	24-09-18	13:32-15:30			7.2475	24-09-18 14:12	2000	Other	NA	Electronic	7.2475	7.2771
EURTRY	24-09-18	15:32-17:30			7.1695	24-09-18 15:36	1000	Other	NA	Electronic	7.12777	7.1695
EURTRY	25-09-18	09:32-11:30			7.18002	25-09-18 10:41	4000	Other	NA	Electronic	7.18002	7.20884
EURTRY	25-09-18	11:32-13:30			7.27232	25-09-18 13:20	1000	Other	NA	Electronic	7.27232	7.30144
EURTRY	25-09-18	13:32-15:30			7.28999	25-09-18 13:39	1000	Other	NA	Electronic	7.28999	7.323

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EURTRY	25-09-18	15:32-17:30			7.2626	25-09-18 17:17	1000	Other	NA	Electronic	7.2626	7.29582
EURTRY	26-09-18	11:32-13:30			7.19371	26-09-18 11:53	2000	Other	NA	Electronic	7.17522	7.19371
EURTRY	26-09-18	13:32-15:30			7.20151	26-09-18 13:45	1000	Other	NA	Electronic	7.17893	7.20151
EURTRY	26-09-18	15:32-17:30			7.14968	26-09-18 16:13	2000	Other	NA	Electronic	7.14968	7.17459
EURTRY	27-09-18	09:32-11:30			7.10026	27-09-18 10:57	2000	Other	NA	Electronic	7.10026	7.12207
EURTRY	27-09-18	11:30-11:32	7.07712	2000								
EURTRY	27-09-18	13:32-15:30			7.02162	27-09-18 14:00	1000	Other	NA	Electronic	7.02162	7.04467
EURTRY	28-09-18	09:32-11:30			6.9618	28-09-18 10:58	20000	Other	NA	Electronic	6.9618	6.98118
EURTRY	28-09-18	13:32-15:30			6.94854	28-09-18 13:44	1000	Other	NA	Electronic	6.94854	6.97618
EURTRY	28-09-18	15:32-17:30			7.01043	28-09-18 16:20	1000	Other	NA	Electronic	7.01043	7.03193
EURTRY.	02-07-18	11:32-13:30			5.38068	02-07-18 11:36	1000	Other	NA	Electronic	5.37883	5.38068
EURTRY.	02-07-18	13:30-13:32	5.36113	1000								
EURTRY.	02-07-18	15:32-17:30			5.3629	02-07-18 16:39	20000	Other	NA	Electronic	5.3629	5.36603
EURTRY.	03-07-18	09:32-11:30			5.44649	03-07-18 09:33	3000	Other	NA	Electronic	5.44473	5.44649
EURTRY.	03-07-18	11:32-13:30			5.44318	03-07-18 12:41	5000	Other	NA	Electronic	5.44103	5.44318

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EURTRY.	03-07-18	13:32-15:30			5.4525	03-07-18 13:59	3000	Other	NA	Electronic	5.4525	5.45488
EURTRY.	04-07-18	11:32-13:30			5.45415	04-07-18 13:14	20000	Other	NA	Electronic	5.45415	5.45578
EURTRY.	04-07-18	13:32-15:30			5.43995	04-07-18 13:58	10000	Other	NA	Electronic	5.43995	5.44303
EURTRY.	04-07-18	15:32-17:30			5.45018	04-07-18 17:06	1000	Other	NA	Electronic	5.4438	5.45018
EURTRY.	05-07-18	11:32-13:30			5.40703	05-07-18 12:48	1000	Other	NA	Electronic	5.40483	5.40703
EURTRY.	09-07-18	09:32-11:30			5.33158	09-07-18 11:13	2000	Other	NA	Electronic	5.32993	5.33158
EURTRY.	09-07-18	11:32-13:30			5.36659	09-07-18 13:26	2000	Other	NA	Electronic	5.36659	5.37035
EURTRY.	09-07-18	13:32-15:30			5.3715	09-07-18 13:43	100000	Other	NA	Electronic	5.3715	5.37351
EURTRY.	09-07-18	15:32-17:30			5.37234	09-07-18 16:30	50000	Other	NA	Electronic	5.36896	5.37234
EURTRY.	10-07-18	09:30-09:32	5.50925	15000								
EURTRY.	10-07-18	11:32-13:30			5.50621	10-07-18 12:37	15000	Other	NA	Electronic	5.50371	5.50621
EURTRY.	11-07-18	09:32-11:30			5.55933	11-07-18 09:37	4000	Other	NA	Electronic	5.55742	5.55933
EURTRY.	11-07-18	11:32-13:30			5.59504	11-07-18 11:53	11000	Other	NA	Electronic	5.59238	5.59504
EURTRY.	11-07-18	13:32-15:30			5.60053	11-07-18 13:35	10000	Other	NA	Electronic	5.60053	5.60238
EURTRY.	11-07-18	15:32-17:30			5.68028	11-07-18 15:36	200000	Other	NA	Electronic	5.68028	5.68333

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EURTRY.	12-07-18	09:32-11:30			5.61018	12-07-18 09:34	50000	Other	NA	Electronic	5.60708	5.61028
EURTRY.	12-07-18	11:32-13:30			5.63218	12-07-18 11:50	1000	Other	NA	Electronic	5.63213	5.63438
EURTRY.	12-07-18	13:32-15:30			5.69633	12-07-18 13:33	10000	Other	NA	Electronic	5.69633	5.6989
EURTRY.	12-07-18	15:32-17:30			5.63609	12-07-18 16:00	100000	Other	NA	Electronic	5.63609	5.64077
EURTRY.	13-07-18	09:32-11:30			5.65561	13-07-18 10:33	1000	Other	NA	Electronic	5.65561	5.65833
EURTRY.	16-07-18	13:32-15:30			5.6722	16-07-18 14:39	1000	Other	NA	Electronic	5.66942	5.6722
EURTRY.	17-07-18	09:32-11:30			5.67327	17-07-18 11:14	2000	Other	NA	Electronic	5.67327	5.67513
EURTRY.	17-07-18	11:32-13:30			5.66334	17-07-18 12:21	2000	Other	NA	Electronic	5.66148	5.66334
EURTRY.	17-07-18	13:32-15:30			5.59928	17-07-18 15:04	1000	Other	NA	Electronic	5.59928	5.6023
EURTRY.	17-07-18	15:32-17:30			5.5978	17-07-18 16:13	1000	Other	NA	Electronic	5.59483	5.5978
EURTRY.	18-07-18	09:32-11:30			5.56426	18-07-18 10:22	10000	Other	NA	Electronic	5.56178	5.56426
EURTRY.	18-07-18	11:30-11:32	5.60857	10000								
EURTRY.	18-07-18	13:32-15:30			5.60553	18-07-18 14:02	1000	Other	NA	Electronic	5.60553	5.60737
EURTRY.	20-07-18	09:30-09:32	5.59693	1000								
EURTRY.	23-07-18	13:32-15:30			5.57024	23-07-18 14:43	1000	Other	NA	Electronic	5.56858	5.57024

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EURTRY.	24-07-18	09:32-11:30			5.68629	24-07-18 11:00	2000	Other	NA	Electronic	5.68629	5.69562
EURTRY.	24-07-18	11:32-13:30			5.71762	24-07-18 11:48	3000	Other	NA	Electronic	5.7032	5.70719
EURTRY.	24-07-18	13:30-13:32	5.71739	1000								
EURTRY.	24-07-18	15:32-17:30			5.70167	24-07-18 16:17	1000	Other	NA	Electronic	5.69813	5.70167
EURTRY.	25-07-18	11:32-13:30			5.67248	25-07-18 11:44	1000	Other	NA	Electronic	5.67248	5.67481
EURTRY.	25-07-18	13:32-15:30			5.65501	25-07-18 13:34	100000	Other	NA	Electronic	5.65238	5.65488
EURTRY.	25-07-18	15:32-17:30			5.64603	25-07-18 17:22	2000	Other	NA	Electronic	5.64603	5.6498
EURTRY.	26-07-18	09:32-11:30			5.65588	26-07-18 09:33	10000	Other	NA	Electronic	5.65413	5.65588
EURTRY.	26-07-18	11:32-13:30			5.65083	26-07-18 11:47	10000	Other	NA	Electronic	5.64823	5.65083
EURTRY.	26-07-18	13:30-13:32	5.61883	100000								
EURTRY.	27-07-18	09:32-11:30			5.66933	27-07-18 09:53	10000	Other	NA	Electronic	5.66913	5.67185
EURTRY.	30-07-18	15:32-17:30			5.73008	30-07-18 17:00	1000	Other	NA	Electronic	5.73008	5.73358
EURTRY.	31-07-18	11:32-13:30			5.73823	31-07-18 13:18	10000	Other	NA	Electronic	5.73823	5.74048
EURTRY.	31-07-18	13:32-15:30			5.75218	31-07-18 14:08	10000	Other	NA	Electronic	5.74953	5.75228
EURTRY.	31-07-18	15:32-17:30			5.74868	31-07-18 16:14	100000	Other	NA	Electronic	5.7467	5.74868

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EURTRY.	01-08-18	11:32-13:30			5.76563	01-08-18 12:17	1000	Other	NA	Electronic	5.76563	5.76767
EURTRY.	01-08-18	15:32-17:30			5.74488	01-08-18 15:50	1000	Other	NA	Electronic	5.74193	5.74486
EURTRY.	02-08-18	09:32-11:30			5.89723	02-08-18 10:56	1000	Other	NA	Electronic	5.89723	5.90103
EURTRY.	02-08-18	13:32-15:30			5.9035	02-08-18 15:09	1000	Other	NA	Electronic	5.9035	5.90615
EURTRY.	02-08-18	15:30-15:32	5.89617	1000								
EURTRY.	06-08-18	09:32-11:30			5.97962	06-08-18 09:37	1000	Other	NA	Electronic	5.97963	5.98202
EURTRY.	06-08-18	11:32-13:30			5.96335	06-08-18 12:14	400000	Other	NA	Electronic	5.96335	5.96568
EURTRY.	06-08-18	13:32-15:30			6.02068	06-08-18 15:18	1000	Other	NA	Electronic	6.01388	6.02068
EURTRY.	06-08-18	15:32-17:30			6.03466	06-08-18 15:42	3000	Other	NA	Electronic	6.02533	6.03466
EURTRY.	07-08-18	09:32-11:30			6.13412	07-08-18 09:47	1000	Other	NA	Electronic	6.13412	6.13723
EURTRY.	07-08-18	11:32-13:30			6.18101	07-08-18 11:32	3000	Other	NA	Electronic	6.18101	6.18286
EURTRY.	07-08-18	13:32-15:30			6.13244	07-08-18 13:40	1000	Other	NA	Electronic	6.13026	6.13244
EURTRY.	07-08-18	15:32-17:30			6.09714	07-08-18 15:57	1000	Other	NA	Electronic	6.09117	6.09714
EURTRY.	08-08-18	09:32-11:30			6.14942	08-08-18 10:27	2000	Other	NA	Electronic	6.14501	6.14946
EURTRY.	08-08-18	11:32-13:30			6.13688	08-08-18 12:12	1000	Other	NA	Electronic	6.13688	6.13896



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EURTRY.	09-08-18	09:32-11:30			6.26059	09-08-18 11:15	1000	Other	NA	Electronic	6.25845	6.26059
EURTRY.	09-08-18	15:32-17:30			6.4141	09-08-18 17:08	1000	Other	NA	Electronic	6.40477	6.4141
EURTRY.	10-08-18	11:32-13:30			7.09344	10-08-18 12:51	5000	Other	NA	Electronic	7.09344	7.10624
EURTRY.	10-08-18	13:32-15:30			7.50286	10-08-18 13:34	4000	Other	NA	Electronic	7.47986	7.50286
EURTRY.	10-08-18	15:32-17:30			7.32882	10-08-18 15:44	1000	Other	NA	Electronic	7.32882	7.35882
EURTRY.	15-08-18	13:32-15:30			6.69713	15-08-18 15:10	1000	Other	NA	Electronic	6.65213	6.69713
EURTRY.	20-08-18	15:32-17:30			7.01453	20-08-18 17:18	1000	Other	NA	Electronic	7.01456	7.05956
EURTRY.	21-08-18	13:32-15:30			6.95697	21-08-18 15:28	1000	Other	NA	Electronic	6.95697	7.00197
EURTRY.	23-08-18	11:32-13:30			7.07233	23-08-18 13:17	3000	Other	NA	Electronic	7.02733	7.07233
EURTRY.	23-08-18	15:32-17:30			7.08249	23-08-18 15:52	3000	Other	NA	Electronic	7.03749	7.08249
EURTRY.	27-08-18	09:32-11:30			7.241	27-08-18 10:51	1000	Other	NA	Electronic	7.241	7.286
EURTRY.	28-08-18	13:32-15:30			7.32421	28-08-18 14:25	3000	Other	NA	Electronic	7.27921	7.32421
EURTRY.	28-08-18	15:32-17:30			7.35529	28-08-18 15:32	6000	Other	NA	Electronic	7.31029	7.35529
EURTRY.	29-08-18	09:32-11:30			7.4813	29-08-18 10:16	1000	Other	NA	Electronic	7.43641	7.48141
EURTRY.	30-08-18	15:32-17:30			7.87965	30-08-18 16:53	1000	Other	NA	Electronic	7.83465	7.87965

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EURTRY.	03-09-18	13:32-15:30			7.68004	03-09-18 13:45	1000	Other	NA	Electronic	7.68004	7.72504
EURTRY.	03-09-18	15:32-17:30			7.72565	03-09-18 16:24	2000	Other	NA	Electronic	7.72565	7.77065
EURTRY.	06-09-18	09:32-11:30			7.66488	06-09-18 09:34	13000	Other	NA	Electronic	7.61988	7.66488
EURTRY.	07-09-18	11:32-13:30			7.39979	07-09-18 13:25	1000	Other	NA	Electronic	7.39979	7.44479
EURTRY.	07-09-18	13:30-13:32	7.46615	1000								
EURTRY.	07-09-18	15:32-17:30			7.35722	07-09-18 16:46	3000	Other	NA	Electronic	7.35722	7.40222
EURTRY.	10-09-18	09:30-09:32	7.49731	5000								
EURTRY.	10-09-18	13:32-15:30			7.5435	10-09-18 15:02	3000	Other	NA	Electronic	7.4985	7.5435
EURTRY.	11-09-18	13:32-15:30			7.51798	11-09-18 14:06	1000	Other	NA	Electronic	7.48859	7.51798
EURTRY.	11-09-18	15:32-17:30			7.44929	11-09-18 16:15	1000	Other	NA	Electronic	7.44929	7.48094
EURTRY.	12-09-18	11:32-13:30			7.3934	12-09-18 12:53	1000	Other	NA	Electronic	7.36254	7.3934
EURTRY.	12-09-18	13:32-15:30			7.39135	12-09-18 14:34	1000	Other	NA	Electronic	7.39142	7.42148
EURTRY.	12-09-18	15:32-17:30			7.40763	12-09-18 16:53	1000	Other	NA	Electronic	7.37631	7.40763
EURTRY.	13-09-18	09:32-11:30			7.54362	13-09-18 09:50	10000	Other	NA	Electronic	7.54363	7.58242
EURTRY.	13-09-18	11:32-13:30			7.21144	13-09-18 11:53	1000	Other	NA	Electronic	7.17771	7.21133

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EURTRY.	13-09-18	15:32-17:30			7.14345	13-09-18 16:10	3000	Other	NA	Electronic	7.14355	7.17566
EURTRY.	14-09-18	09:32-11:30			7.1372	14-09-18 11:06	1000	Other	NA	Electronic	7.1372	7.16605
EURTRY.	14-09-18	11:32-13:30			7.15978	14-09-18 12:33	1000	Other	NA	Electronic	7.12721	7.15978
EURTRY.	17-09-18	11:32-13:30			7.3605	17-09-18 12:25	10000	Other	NA	Electronic	7.3605	7.39313
EURTRY.	20-09-18	09:32-11:30			7.4139	20-09-18 10:57	1000	Other	NA	Electronic	7.4129	7.46608
EURTRY.	20-09-18	11:32-13:30			7.41411	20-09-18 12:20	2000	Other	NA	Electronic	7.41411	7.44776
EURTRY.	21-09-18	13:32-15:30			7.41071	21-09-18 13:45	1000	Other	NA	Electronic	7.37991	7.41071
EURTRY.	24-09-18	11:32-13:30			7.2763	24-09-18 13:17	1000	Other	NA	Electronic	7.2757	7.3145
EURTRY.	24-09-18	13:32-15:30			7.27552	24-09-18 14:14	1000	Other	NA	Electronic	7.2475	7.27552
EURTRY.	25-09-18	09:32-11:30			7.24278	25-09-18 09:58	3000	Other	NA	Electronic	7.21044	7.24278
EURTRYmicro	02-07-18	09:30-09:32	5.38152	10000								
EURTRYmicro	02-07-18	11:32-13:30			5.38124	02-07-18 11:38	1000	Other	NA	Electronic	5.37922	5.38119
EURTRYmicro	02-07-18	13:30-13:32	5.35849	5000								
EURTRYmicro	02-07-18	15:32-17:30			5.36534	02-07-18 15:54	1000	Other	NA	Electronic	5.36534	5.36924
EURTRYmicro	03-07-18	09:32-11:30			5.44426	03-07-18 09:32	10100	Other	NA	Electronic	5.44248	5.44426

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EURTRYmicro	03-07-18	11:32-13:30			5.437	03-07-18 11:40	30	Other	NA	Electronic	5.43533	5.437
EURTRYmicro	03-07-18	13:30-13:32	5.43241	200								
EURTRYmicro	03-07-18	15:32-17:30			5.44992	03-07-18 15:32	100	Other	NA	Electronic	5.44992	5.45335
EURTRYmicro	04-07-18	09:30-09:32	5.47728	57200								
EURTRYmicro	04-07-18	11:30-11:32	5.47999	25520								
EURTRYmicro	04-07-18	13:32-15:30			5.45327	04-07-18 13:33	100	Other	NA	Electronic	5.45137	5.45327
EURTRYmicro	04-07-18	15:32-17:30			5.43573	04-07-18 15:32	20100	Other	NA	Electronic	5.43573	5.43917
EURTRYmicro	05-07-18	09:32-11:30			5.43784	05-07-18 09:36	8000	Other	NA	Electronic	5.43557	5.43784
EURTRYmicro	05-07-18	11:30-11:32	5.41669	100								
EURTRYmicro	05-07-18	13:30-13:32	5.40441	27010								
EURTRYmicro	05-07-18	15:32-17:30			5.38729	05-07-18 15:32	1510	Other	NA	Electronic	5.38497	5.38729
EURTRYmicro	06-07-18	09:30-09:32	5.39839	40110								
EURTRYmicro	06-07-18	11:32-13:30			5.40793	06-07-18 11:34	15000	Other	NA	Electronic	5.40612	5.40793
EURTRYmicro	06-07-18	13:32-15:30			5.38283	06-07-18 13:34	100	Other	NA	Electronic	5.38283	5.38449
EURTRYmicro	06-07-18	15:30-15:32	5.38012	900								

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EURTRYmicro	09-07-18	09:30-09:32	5.33023	6380								
EURTRYmicro	09-07-18	11:30-11:32	5.33267	100								
EURTRYmicro	09-07-18	13:30-13:32	5.36721	4160								
EURTRYmicro	09-07-18	15:30-15:32	5.37979	7000								
EURTRYmicro	10-07-18	09:30-09:32	5.51853	11070								
EURTRYmicro	10-07-18	11:32-13:30			5.53764	10-07-18 11:32	1800	Other	NA	Electronic	5.53482	5.53764
EURTRYmicro	10-07-18	13:30-13:32	5.50014	1000								
EURTRYmicro	10-07-18	15:32-17:30			5.51269	10-07-18 15:41	1000	Other	NA	Electronic	5.50882	5.51269
EURTRYmicro	11-07-18	09:30-09:32	5.56169	13210								
EURTRYmicro	11-07-18	11:30-11:32	5.57604	100								
EURTRYmicro	11-07-18	13:30-13:32	5.5962	100								
EURTRYmicro	11-07-18	15:30-15:32	5.66864	39620								
EURTRYmicro	12-07-18	09:32-11:30			5.61309	12-07-18 09:45	10000	Other	NA	Electronic	5.60904	5.61309
EURTRYmicro	12-07-18	11:30-11:32	5.62207	20								
EURTRYmicro	12-07-18	13:30-13:32	5.70686	500								

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EURTRYmicro	12-07-18	15:32-17:30			5.65839	12-07-18 15:44	50	Other	NA	Electronic	5.6549	5.65839
EURTRYmicro	13-07-18	09:32-11:30			5.65803	13-07-18 10:26	100	Other	NA	Electronic	5.65803	5.66207
EURTRYmicro	13-07-18	11:32-13:30			5.65264	13-07-18 11:35	1000	Other	NA	Electronic	5.64772	5.65264
EURTRYmicro	13-07-18	13:30-13:32	5.64564	10100								
EURTRYmicro	13-07-18	15:30-15:32	5.62901	2000								
EURTRYmicro	16-07-18	09:32-11:30			5.66502	16-07-18 09:32	250	Other	NA	Electronic	5.66487	5.66776
EURTRYmicro	16-07-18	11:32-13:30			5.68312	16-07-18 11:34	100	Other	NA	Electronic	5.68312	5.68601
EURTRYmicro	16-07-18	13:30-13:32	5.66315	50100								
EURTRYmicro	16-07-18	15:32-17:30			5.66609	16-07-18 15:45	10000	Other	NA	Electronic	5.66186	5.66609
EURTRYmicro	17-07-18	09:30-09:32	5.6774	360								
EURTRYmicro	17-07-18	11:32-13:30			5.67596	17-07-18 11:38	700	Other	NA	Electronic	5.67228	5.67596
EURTRYmicro	17-07-18	13:30-13:32	5.65255	460								
EURTRYmicro	17-07-18	15:30-15:32	5.59244	100								
EURTRYmicro	18-07-18	09:32-11:30			5.56047	18-07-18 09:32	100	Other	NA	Electronic	5.56047	5.56374
EURTRYmicro	18-07-18	11:30-11:32	5.60906	42440								

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EURTRYmicro	18-07-18	13:32-15:30			5.6173	18-07-18 13:37	20010	Other	NA	Electronic	5.61455	5.6173
EURTRYmicro	18-07-18	15:30-15:32	5.59803	700								
EURTRYmicro	19-07-18	09:32-11:30			5.60804	19-07-18 09:32	20000	Other	NA	Electronic	5.60427	5.60804
EURTRYmicro	19-07-18	11:30-11:32	5.60872	310								
EURTRYmicro	19-07-18	13:30-13:32	5.59936	31000								
EURTRYmicro	19-07-18	15:32-17:30			5.60786	19-07-18 15:33	1000	Other	NA	Electronic	5.60382	5.60792
EURTRYmicro	20-07-18	09:30-09:32	5.59639	8850								
EURTRYmicro	20-07-18	11:32-13:30			5.59422	20-07-18 11:33	1010	Other	NA	Electronic	5.59422	5.59714
EURTRYmicro	20-07-18	13:30-13:32	5.59338	20								
EURTRYmicro	20-07-18	15:32-17:30			5.61422	20-07-18 15:43	1000	Other	NA	Electronic	5.61407	5.61784
EURTRYmicro	23-07-18	09:30-09:32	5.57555	200								
EURTRYmicro	23-07-18	11:32-13:30			5.56826	23-07-18 11:33	10120	Other	NA	Electronic	5.56826	5.57105
EURTRYmicro	23-07-18	13:30-13:32	5.55504	300								
EURTRYmicro	23-07-18	15:32-17:30			5.56396	23-07-18 15:45	4970	Other	NA	Electronic	5.56067	5.56396
EURTRYmicro	24-07-18	09:32-11:30			5.57799	24-07-18 09:49	30	Other	NA	Electronic	5.57462	5.57799

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EURTRYmicro	24-07-18	11:30-11:32	5.74697	1120								
EURTRYmicro	24-07-18	13:30-13:32	5.72889	18670								
EURTRYmicro	24-07-18	15:32-17:30			5.71006	24-07-18 15:42	100	Other	NA	Electronic	5.70597	5.71012
EURTRYmicro	25-07-18	09:30-09:32	5.68219	8000								
EURTRYmicro	25-07-18	11:30-11:32	5.69662	3100								
EURTRYmicro	25-07-18	13:32-15:30			5.65597	25-07-18 13:32	1010	Other	NA	Electronic	5.65257	5.65597
EURTRYmicro	25-07-18	15:30-15:32	5.64161	3940								
EURTRYmicro	26-07-18	09:32-11:30			5.65357	26-07-18 09:33	1680	Other	NA	Electronic	5.65362	5.65639
EURTRYmicro	26-07-18	11:32-13:30			5.64897	26-07-18 11:47	30	Other	NA	Electronic	5.64897	5.65239
EURTRYmicro	26-07-18	13:30-13:32	5.62055	31080								
EURTRYmicro	26-07-18	15:30-15:32	5.66443	1200								
EURTRYmicro	27-07-18	09:32-11:30			5.67403	27-07-18 09:53	3000	Other	NA	Electronic	5.67017	5.67403
EURTRYmicro	27-07-18	11:32-13:30			5.67047	27-07-18 11:58	600	Other	NA	Electronic	5.67047	5.6732
EURTRYmicro	27-07-18	13:32-15:30			5.66975	27-07-18 13:48	1000	Other	NA	Electronic	5.66647	5.66975
EURTRYmicro	27-07-18	15:32-17:30			5.65812	27-07-18 15:34	7000	Other	NA	Electronic	5.65812	5.6627



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EURTRYmicro	30-07-18	09:32-11:30			5.70432	30-07-18 09:32	100	Other	NA	Electronic	5.70432	5.70769
EURTRYmicro	30-07-18	11:30-11:32	5.71461	2500								
EURTRYmicro	30-07-18	13:30-13:32	5.70436	2120								
EURTRYmicro	30-07-18	15:32-17:30			5.72354	30-07-18 15:34	500	Other	NA	Electronic	5.72354	5.72694
EURTRYmicro	31-07-18	09:32-11:30			5.74772	31-07-18 09:32	200	Other	NA	Electronic	5.74772	5.75094
EURTRYmicro	31-07-18	11:30-11:32	5.73018	600								
EURTRYmicro	31-07-18	13:30-13:32	5.74223	2700								
EURTRYmicro	31-07-18	15:32-17:30			5.75317	31-07-18 15:37	350	Other	NA	Electronic	5.74972	5.75317
EURTRYmicro	01-08-18	09:32-11:30			5.76464	01-08-18 09:34	1000	Other	NA	Electronic	5.76179	5.76464
EURTRYmicro	01-08-18	11:30-11:32	5.75124	300								
EURTRYmicro	01-08-18	13:32-15:30			5.74914	01-08-18 13:33	120	Other	NA	Electronic	5.74617	5.74914
EURTRYmicro	01-08-18	15:32-17:30			5.75205	01-08-18 15:32	100	Other	NA	Electronic	5.74807	5.75205
EURTRYmicro	02-08-18	09:32-11:30			5.91874	02-08-18 09:33	50	Other	NA	Electronic	5.91493	5.91869
EURTRYmicro	02-08-18	11:30-11:32	5.86612	101700								
EURTRYmicro	02-08-18	13:30-13:32	5.87588	100								

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EURTRYmicro	02-08-18	15:30-15:32	5.89291	250								
EURTRYmicro	03-08-18	09:32-11:30			5.89075	03-08-18 09:48	500	Other	NA	Electronic	5.89075	5.89377
EURTRYmicro	03-08-18	11:32-13:30			5.88898	03-08-18 11:34	10	Other	NA	Electronic	5.88901	5.89303
EURTRYmicro	03-08-18	13:32-15:30			5.88828	03-08-18 13:47	4010	Other	NA	Electronic	5.88828	5.89102
EURTRYmicro	03-08-18	15:32-17:30			5.8827	03-08-18 16:14	1500	Other	NA	Electronic	5.87941	5.8827
EURTRYmicro	06-08-18	09:30-09:32	5.97938	120								
EURTRYmicro	06-08-18	11:30-11:32	5.96206	300								
EURTRYmicro	06-08-18	13:32-15:30			5.98222	06-08-18 13:33	100	Other	NA	Electronic	5.98222	5.9849
EURTRYmicro	06-08-18	15:30-15:32	6.01493	220								
EURTRYmicro	07-08-18	09:32-11:30			6.09748	07-08-18 09:32	1000	Other	NA	Electronic	6.09748	6.1039
EURTRYmicro	07-08-18	11:32-13:30			6.18333	07-08-18 11:32	20	Other	NA	Electronic	6.18042	6.18327
EURTRYmicro	07-08-18	13:30-13:32	6.12874	200								
EURTRYmicro	07-08-18	15:32-17:30			6.11283	07-08-18 15:43	1000	Other	NA	Electronic	6.10487	6.11283
EURTRYmicro	08-08-18	09:32-11:30			6.1419	08-08-18 09:33	500	Other	NA	Electronic	6.1419	6.14688
EURTRYmicro	08-08-18	11:32-13:30			6.14519	08-08-18 11:34	510	Other	NA	Electronic	6.14125	6.14519

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EURTRYmicro	08-08-18	13:30-13:32	6.12429	1510								
EURTRYmicro	08-08-18	15:32-17:30			6.13756	08-08-18 15:32	510	Other	NA	Electronic	6.13756	6.14102
EURTRYmicro	09-08-18	09:32-11:30			6.28089	09-08-18 09:32	100	Other	NA	Electronic	6.28106	6.28494
EURTRYmicro	09-08-18	11:30-11:32	6.27615	300								
EURTRYmicro	09-08-18	13:30-13:32	6.32239	9890								
EURTRYmicro	09-08-18	15:32-17:30			6.32882	09-08-18 15:36	5000	Other	NA	Electronic	6.32882	6.33301
EURTRYmicro	10-08-18	09:30-09:32	6.77622	12010								
EURTRYmicro	10-08-18	11:30-11:32	6.80623	1550								
EURTRYmicro	10-08-18	13:30-13:32	7.69509	23870								
EURTRYmicro	10-08-18	15:30-15:32	7.3007	3030								
EURTRYmicro	13-08-18	09:32-11:30			7.86477	13-08-18 10:00	150	Other	NA	Electronic	7.81977	7.86477
EURTRYmicro	13-08-18	11:32-13:30			8.00869	13-08-18 11:32	50	Other	NA	Electronic	7.96369	8.00869
EURTRYmicro	13-08-18	13:32-15:30			7.8987	13-08-18 13:32	300	Other	NA	Electronic	7.8537	7.8987
EURTRYmicro	13-08-18	15:32-17:30			7.90338	13-08-18 15:43	500	Other	NA	Electronic	7.90338	7.95084
EURTRYmicro	14-08-18	15:32-17:30			7.29224	14-08-18 17:05	1000	Other	NA	Electronic	7.24724	7.29224

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EURTRYmicro	15-08-18	09:32-11:30			6.96976	15-08-18 10:04	20	Other	NA	Electronic	6.92476	6.96976
EURTRYmicro	15-08-18	13:30-13:32	6.91596	500								
EURTRYmicro	16-08-18	11:32-13:30			6.63064	16-08-18 13:09	10	Other	NA	Electronic	6.58564	6.63064
EURTRYmicro	16-08-18	13:32-15:30			6.55947	16-08-18 14:37	30	Other	NA	Electronic	6.51447	6.55947
EURTRYmicro	17-08-18	09:32-11:30			7.10595	17-08-18 09:56	10	Other	NA	Electronic	7.06095	7.10595
EURTRYmicro	20-08-18	09:32-11:30			6.96554	20-08-18 09:50	1000	Other	NA	Electronic	6.92048	6.96548
EURTRYmicro	20-08-18	11:30-11:32	6.97054	360								
EURTRYmicro	20-08-18	13:32-15:30			7.02319	20-08-18 13:37	300	Other	NA	Electronic	7.0232	7.0682
EURTRYmicro	20-08-18	15:32-17:30			7.00027	20-08-18 15:40	280	Other	NA	Electronic	7.00027	7.04527
EURTRYmicro	21-08-18	09:32-11:30			7.08745	21-08-18 10:19	250	Other	NA	Electronic	7.04245	7.08745
EURTRYmicro	21-08-18	11:32-13:30			7.03581	21-08-18 12:18	100	Other	NA	Electronic	7.03581	7.08081
EURTRYmicro	21-08-18	13:32-15:30			7.02678	21-08-18 13:42	120	Other	NA	Electronic	6.98178	7.02678
EURTRYmicro	21-08-18	15:32-17:30			6.97957	21-08-18 16:10	2000	Other	NA	Electronic	6.97957	7.02457
EURTRYmicro	22-08-18	09:30-09:32	7.03123	120								
EURTRYmicro	22-08-18	11:32-13:30			7.04274	22-08-18 11:39	300	Other	NA	Electronic	6.99774	7.04274

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EURTRYmicro	22-08-18	15:32-17:30			7.05783	22-08-18 16:15	100	Other	NA	Electronic	7.01283	7.05783
EURTRYmicro	23-08-18	09:32-11:30			7.03996	23-08-18 10:07	1000	Other	NA	Electronic	6.99496	7.03996
EURTRYmicro	23-08-18	11:32-13:30			7.04951	23-08-18 12:27	190	Other	NA	Electronic	7.00451	7.04951
EURTRYmicro	23-08-18	13:32-15:30			7.03256	23-08-18 13:33	200	Other	NA	Electronic	7.03256	7.07756
EURTRYmicro	23-08-18	15:32-17:30			7.04845	23-08-18 15:37	100	Other	NA	Electronic	7.04845	7.09345
EURTRYmicro	24-08-18	09:32-11:30			7.04123	24-08-18 10:38	100	Other	NA	Electronic	6.99623	7.04123
EURTRYmicro	24-08-18	11:32-13:30			6.99153	24-08-18 11:34	10	Other	NA	Electronic	6.99153	7.03653
EURTRYmicro	24-08-18	13:30-13:32	6.98828	3100								
EURTRYmicro	24-08-18	15:32-17:30			6.99789	24-08-18 16:26	20	Other	NA	Electronic	6.99803	7.04303
EURTRYmicro	27-08-18	09:32-11:30			7.19744	27-08-18 09:47	300	Other	NA	Electronic	7.15244	7.19744
EURTRYmicro	27-08-18	11:30-11:32	7.23332	1300								
EURTRYmicro	27-08-18	13:32-15:30			7.18351	27-08-18 13:44	100	Other	NA	Electronic	7.18351	7.22851
EURTRYmicro	27-08-18	15:32-17:30			7.14975	27-08-18 15:50	10	Other	NA	Electronic	7.14975	7.19475
EURTRYmicro	28-08-18	09:32-11:30			7.30208	28-08-18 10:12	10	Other	NA	Electronic	7.25708	7.30208
EURTRYmicro	28-08-18	11:32-13:30			7.32589	28-08-18 11:46	1100	Other	NA	Electronic	7.28089	7.32589

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EURTRYmicro	28-08-18	13:32-15:30			7.24832	28-08-18 13:32	200	Other	NA	Electronic	7.24832	7.29332
EURTRYmicro	28-08-18	15:32-17:30			7.35576	28-08-18 15:35	50	Other	NA	Electronic	7.31076	7.35576
EURTRYmicro	29-08-18	09:32-11:30			7.48262	29-08-18 09:53	3000	Other	NA	Electronic	7.43763	7.48263
EURTRYmicro	29-08-18	11:32-13:30			7.51517	29-08-18 11:32	300	Other	NA	Electronic	7.51517	7.56017
EURTRYmicro	29-08-18	13:32-15:30			7.55528	29-08-18 13:37	3000	Other	NA	Electronic	7.51028	7.55528
EURTRYmicro	29-08-18	15:32-17:30			7.4963	29-08-18 15:48	1000	Other	NA	Electronic	7.4963	7.5413
EURTRYmicro	30-08-18	09:32-11:30			7.79419	30-08-18 09:36	10	Other	NA	Electronic	7.74919	7.79419
EURTRYmicro	30-08-18	11:32-13:30			7.89402	30-08-18 11:32	220	Other	NA	Electronic	7.84902	7.89402
EURTRYmicro	30-08-18	13:32-15:30			7.85928	30-08-18 13:40	30	Other	NA	Electronic	7.85928	7.90428
EURTRYmicro	30-08-18	15:30-15:32	7.88119	80								
EURTRYmicro	31-08-18	09:32-11:30			7.66679	31-08-18 09:55	300	Other	NA	Electronic	7.62179	7.66679
EURTRYmicro	31-08-18	11:30-11:32	7.64888	20								
EURTRYmicro	31-08-18	13:32-15:30			7.6726	31-08-18 13:38	100	Other	NA	Electronic	7.6276	7.6726
EURTRYmicro	31-08-18	15:30-15:32	7.75124	3380								
EURTRYmicro	03-09-18	09:30-09:32	7.65738	300								

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EURTRYmicro	03-09-18	11:32-13:30			7.67068	03-09-18 11:35	150	Other	NA	Electronic	7.67048	7.71548
EURTRYmicro	03-09-18	13:30-13:32	7.72988	1000								
EURTRYmicro	03-09-18	15:30-15:32	7.74065	640								
EURTRYmicro	04-09-18	09:32-11:30			7.77794	04-09-18 09:32	3010	Other	NA	Electronic	7.73294	7.77794
EURTRYmicro	04-09-18	11:32-13:30			7.75723	04-09-18 11:50	200	Other	NA	Electronic	7.71223	7.75723
EURTRYmicro	04-09-18	13:30-13:32	7.71423	100								
EURTRYmicro	04-09-18	15:32-17:30			7.70104	04-09-18 15:42	110	Other	NA	Electronic	7.70104	7.74604
EURTRYmicro	05-09-18	09:32-11:30			7.73668	05-09-18 09:33	100	Other	NA	Electronic	7.73668	7.78168
EURTRYmicro	05-09-18	11:32-13:30			7.75413	05-09-18 11:51	100	Other	NA	Electronic	7.70916	7.75416
EURTRYmicro	05-09-18	13:32-15:30			7.72414	05-09-18 14:12	2000	Other	NA	Electronic	7.67914	7.72414
EURTRYmicro	05-09-18	15:30-15:32	7.65833	1410								
EURTRYmicro	06-09-18	09:32-11:30			7.65752	06-09-18 09:36	1000	Other	NA	Electronic	7.61252	7.65752
EURTRYmicro	06-09-18	11:30-11:32	7.66712	8000								
EURTRYmicro	06-09-18	13:32-15:30			7.69871	06-09-18 13:37	10	Other	NA	Electronic	7.65385	7.69885
EURTRYmicro	06-09-18	15:32-17:30			7.65076	06-09-18 16:00	50	Other	NA	Electronic	7.65076	7.69576

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EURTRYmicro	07-09-18	09:32-11:30			7.54319	07-09-18 09:33	4010	Other	NA	Electronic	7.49819	7.54319
EURTRYmicro	07-09-18	11:32-13:30			7.5197	07-09-18 11:38	300	Other	NA	Electronic	7.4747	7.5197
EURTRYmicro	07-09-18	13:30-13:32	7.4214	300								
EURTRYmicro	07-09-18	15:32-17:30			7.4007	07-09-18 15:38	500	Other	NA	Electronic	7.4007	7.4457
EURTRYmicro	10-09-18	09:32-11:30			7.50288	10-09-18 10:18	400	Other	NA	Electronic	7.45788	7.50288
EURTRYmicro	10-09-18	11:32-13:30			7.51137	10-09-18 13:01	100	Other	NA	Electronic	7.46637	7.51137
EURTRYmicro	10-09-18	13:32-15:30			7.51149	10-09-18 13:43	600	Other	NA	Electronic	7.46649	7.51149
EURTRYmicro	10-09-18	15:32-17:30			7.53402	10-09-18 15:44	220	Other	NA	Electronic	7.48902	7.53402
EURTRYmicro	11-09-18	09:32-11:30			7.53238	11-09-18 10:28	500	Other	NA	Electronic	7.50173	7.53238
EURTRYmicro	11-09-18	11:30-11:32	7.49433	10								
EURTRYmicro	11-09-18	13:32-15:30			7.46902	11-09-18 14:10	1000	Other	NA	Electronic	7.46902	7.5149
EURTRYmicro	11-09-18	15:32-17:30			7.46252	11-09-18 16:05	100	Other	NA	Electronic	7.46252	7.49552
EURTRYmicro	12-09-18	09:32-11:30			7.39923	12-09-18 09:36	10	Other	NA	Electronic	7.39923	7.43003
EURTRYmicro	12-09-18	11:32-13:30			7.35327	12-09-18 11:34	100	Other	NA	Electronic	7.35327	7.38584
EURTRYmicro	12-09-18	13:32-15:30			7.3524	12-09-18 13:52	260	Other	NA	Electronic	7.3524	7.3833



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EURTRYmicro	12-09-18	15:32-17:30			7.36706	12-09-18 15:52	200	Other	NA	Electronic	7.36706	7.40318
EURTRYmicro	13-09-18	09:30-09:32	7.58223	13520								
EURTRYmicro	13-09-18	11:30-11:32	7.18059	100								
EURTRYmicro	13-09-18	13:32-15:30			7.20487	13-09-18 13:35	3000	Other	NA	Electronic	7.20487	7.24215
EURTRYmicro	13-09-18	15:32-17:30			7.18005	13-09-18 15:33	100	Other	NA	Electronic	7.18005	7.21365
EURTRYmicro	14-09-18	09:32-11:30			7.146	14-09-18 09:41	100	Other	NA	Electronic	7.09855	7.14
EURTRYmicro	14-09-18	11:32-13:30			7.17705	14-09-18 11:32	1000	Other	NA	Electronic	7.14628	7.17705
EURTRYmicro	14-09-18	13:30-13:32	7.18429	1010								
EURTRYmicro	14-09-18	15:32-17:30			7.14593	14-09-18 15:38	30	Other	NA	Electronic	7.14593	7.18568
EURTRYmicro	17-09-18	09:32-11:30			7.27066	17-09-18 09:38	100	Other	NA	Electronic	7.27066	7.3038
EURTRYmicro	17-09-18	11:32-13:30			7.29953	17-09-18 11:46	50	Other	NA	Electronic	7.29953	7.33168
EURTRYmicro	17-09-18	13:32-15:30			7.34087	17-09-18 13:44	100	Other	NA	Electronic	7.34087	7.37749
EURTRYmicro	17-09-18	15:32-17:30			7.38438	17-09-18 16:37	10	Other	NA	Electronic	7.35235	7.38433
EURTRYmicro	18-09-18	09:32-11:30			7.42605	18-09-18 10:04	1000	Other	NA	Electronic	7.42605	7.45582
EURTRYmicro	18-09-18	11:32-13:30			7.53784	18-09-18 11:34	500	Other	NA	Electronic	7.50519	7.53784

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EURTRYmicro	18-09-18	13:32-15:30			7.48071	18-09-18 13:50	1000	Other	NA	Electronic	7.48071	7.51526
EURTRYmicro	18-09-18	15:32-17:30			7.4076	18-09-18 15:35	10	Other	NA	Electronic	7.4076	7.43897
EURTRYmicro	19-09-18	09:30-09:32	7.3804	1000								
EURTRYmicro	19-09-18	11:30-11:32	7.3524	60								
EURTRYmicro	19-09-18	13:32-15:30			7.26867	19-09-18 13:33	3000	Other	NA	Electronic	7.26875	7.3024
EURTRYmicro	19-09-18	15:30-15:32	7.29277	710								
EURTRYmicro	20-09-18	09:32-11:30			7.28643	20-09-18 09:50	10	Other	NA	Electronic	7.28647	7.31833
EURTRYmicro	20-09-18	11:30-11:32	7.4457	300								
EURTRYmicro	20-09-18	13:32-15:30			7.45009	20-09-18 13:47	2400	Other	NA	Electronic	7.39499	7.45009
EURTRYmicro	20-09-18	15:30-15:32	7.32672	1000								
EURTRYmicro	21-09-18	09:32-11:30			7.39603	21-09-18 10:12	10	Other	NA	Electronic	7.39603	7.42748
EURTRYmicro	21-09-18	13:32-15:30			7.3487	21-09-18 15:07	370	Other	NA	Electronic	7.3487	7.4073
EURTRYmicro	21-09-18	15:32-17:30			7.41569	21-09-18 15:32	100	Other	NA	Electronic	7.36208	7.41569
EURTRYmicro	24-09-18	09:32-11:30			7.32624	24-09-18 09:38	1000	Other	NA	Electronic	7.32624	7.35778
EURTRYmicro	24-09-18	11:32-13:30			7.35637	24-09-18 11:45	1000	Other	NA	Electronic	7.32189	7.35637

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EURTRYmicro	24-09-18	13:32-15:30			7.2927	24-09-18 13:45	30	Other	NA	Electronic	7.25991	7.2927
EURTRYmicro	24-09-18	15:30-15:32	7.16539	300								
EURTRYmicro	25-09-18	09:32-11:30			7.23155	25-09-18 10:03	100	Other	NA	Electronic	7.20305	7.23155
EURTRYmicro	25-09-18	11:32-13:30			7.25902	25-09-18 11:47	10	Other	NA	Electronic	7.21206	7.25902
EURTRYmicro	25-09-18	13:30-13:32	7.3282	1000								
EURTRYmicro	25-09-18	15:32-17:30			7.28499	25-09-18 16:01	90	Other	NA	Electronic	7.2536	7.28499
EURTRYmicro	26-09-18	09:32-11:30			7.22632	26-09-18 09:44	10	Other	NA	Electronic	7.19717	7.22632
EURTRYmicro	26-09-18	11:32-13:30			7.18845	26-09-18 11:49	100	Other	NA	Electronic	7.16946	7.18845
EURTRYmicro	26-09-18	13:32-15:30			7.17826	26-09-18 14:11	2010	Other	NA	Electronic	7.15968	7.17826
EURTRYmicro	26-09-18	15:32-17:30			7.17657	26-09-18 16:13	2010	Other	NA	Electronic	7.14999	7.17657
EURTRYmicro	27-09-18	09:32-11:30			7.13177	27-09-18 10:10	500	Other	NA	Electronic	7.13177	7.15454
EURTRYmicro	27-09-18	11:32-13:30			7.07761	27-09-18 11:40	100	Other	NA	Electronic	7.07761	7.0992
EURTRYmicro	27-09-18	13:32-15:30			7.01808	27-09-18 14:09	100	Other	NA	Electronic	7.01801	7.03735
EURTRYmicro	27-09-18	15:32-17:30			6.99556	27-09-18 15:32	100	Other	NA	Electronic	6.99556	7.01751
EURTRYmicro	28-09-18	09:32-11:30			6.97327	28-09-18 10:11	30	Other	NA	Electronic	6.95328	6.97327

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURTRYmicro	28-09-18	11:32-13:30			6.95809	28-09-18 12:15	10	Other	NA	Electronic	6.95809	6.9766
EURTRYmicro	28-09-18	13:32-15:30			6.95352	28-09-18 13:44	20	Other	NA	Electronic	6.95352	6.97277
EURTRYmicro	28-09-18	15:32-17:30			6.98679	28-09-18 15:35	1000	Other	NA	Electronic	6.98679	7.01036
EURUSD	02-07-18	09:30-09:32	1.16466	140000								
EURUSD	02-07-18	11:30-11:32	1.16327	346000								
EURUSD	02-07-18	13:30-13:32	1.16023	262000								
EURUSD	02-07-18	15:30-15:32	1.16008	501000								
EURUSD	03-07-18	09:30-09:32	1.16579	454000								
EURUSD	03-07-18	11:30-11:32	1.16561	371000								
EURUSD	03-07-18	13:30-13:32	1.16471	184000								
EURUSD	03-07-18	15:30-15:32	1.16568	92000								
EURUSD	04-07-18	09:30-09:32	1.16406	4862000								
EURUSD	04-07-18	11:30-11:32	1.16387	68000								
EURUSD	04-07-18	13:30-13:32	1.16407	48000								
EURUSD	04-07-18	15:30-15:32	1.16417	41000								

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EURUSD	05-07-18	09:30-09:32	1.16889	109000								
EURUSD	05-07-18	11:30-11:32	1.16989	9335000								
EURUSD	05-07-18	13:30-13:32	1.1696	1291000								
EURUSD	05-07-18	15:30-15:32	1.16988	108000								
EURUSD	06-07-18	09:30-09:32	1.17096	103000								
EURUSD	06-07-18	11:30-11:32	1.17151	144000								
EURUSD	06-07-18	13:30-13:32	1.17597	792000								
EURUSD	06-07-18	15:30-15:32	1.17565	44000								
EURUSD	09-07-18	09:30-09:32	1.17693	1364000								
EURUSD	09-07-18	11:30-11:32	1.17794	244000								
EURUSD	09-07-18	13:30-13:32	1.17733	1872000								
EURUSD	09-07-18	15:30-15:32	1.17449	2258000								
EURUSD	10-07-18	09:30-09:32	1.17238	397000								
EURUSD	10-07-18	11:30-11:32	1.1704	1163000								
EURUSD	10-07-18	13:30-13:32	1.17164	145000								

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EURUSD	10-07-18	15:30-15:32	1.17298	567000								
EURUSD	11-07-18	09:30-09:32	1.17011	807000								
EURUSD	11-07-18	11:30-11:32	1.1716	196000								
EURUSD	11-07-18	13:30-13:32	1.17504	564000								
EURUSD	11-07-18	15:30-15:32	1.17179	1589000								
EURUSD	12-07-18	09:30-09:32	1.16795	24000								
EURUSD	12-07-18	11:30-11:32	1.16553	208000								
EURUSD	12-07-18	13:30-13:32	1.1678	449000								
EURUSD	12-07-18	15:30-15:32	1.16848	391000								
EURUSD	13-07-18	09:30-09:32	1.16281	301000								
EURUSD	13-07-18	11:30-11:32	1.1621	843000								
EURUSD	13-07-18	13:30-13:32	1.16423	190000								
EURUSD	13-07-18	15:30-15:32	1.16713	1146000								
EURUSD	16-07-18	09:30-09:32	1.17058	666000								
EURUSD	16-07-18	11:30-11:32	1.17245	616000								

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EURUSD	16-07-18	13:30-13:32	1.17084	617000								
EURUSD	16-07-18	15:30-15:32	1.17067	200000								
EURUSD	17-07-18	09:30-09:32	1.17341	159000								
EURUSD	17-07-18	11:30-11:32	1.17125	307000								
EURUSD	17-07-18	13:30-13:32	1.16983	207000								
EURUSD	17-07-18	15:30-15:32	1.16891	62000								
EURUSD	18-07-18	09:30-09:32	1.16279	424000								
EURUSD	18-07-18	11:30-11:32	1.16179	158000								
EURUSD	18-07-18	13:30-13:32	1.16272	153000								
EURUSD	18-07-18	15:30-15:32	1.16432	279000								
EURUSD	19-07-18	09:30-09:32	1.16015	6083000								
EURUSD	19-07-18	11:30-11:32	1.15934	658000								
EURUSD	19-07-18	13:30-13:32	1.15989	1029000								
EURUSD	19-07-18	15:30-15:32	1.16008	86000								
EURUSD	20-07-18	09:30-09:32	1.16546	215000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	20-07-18	11:30-11:32	1.16553	41000								
EURUSD	20-07-18	13:30-13:32	1.17166	307000								
EURUSD	20-07-18	15:30-15:32	1.17065	135000								
EURUSD	23-07-18	09:30-09:32	1.16972	2413000								
EURUSD	23-07-18	11:30-11:32	1.17185	334000								
EURUSD	23-07-18	13:30-13:32	1.17138	338000								
EURUSD	23-07-18	15:30-15:32	1.17028	659000								
EURUSD	24-07-18	09:30-09:32	1.16863	271000								
EURUSD	24-07-18	11:30-11:32	1.17073	123000								
EURUSD	24-07-18	13:30-13:32	1.16938	97000								
EURUSD	24-07-18	15:30-15:32	1.16943	181000								
EURUSD	25-07-18	09:30-09:32	1.17012	847000								
EURUSD	25-07-18	11:30-11:32	1.16935	149000								
EURUSD	25-07-18	13:30-13:32	1.1706	133000								
EURUSD	25-07-18	15:30-15:32	1.16712	774000								



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EURUSD	26-07-18	09:30-09:32	1.17098	834000								
EURUSD	26-07-18	11:30-11:32	1.17132	213000								
EURUSD	26-07-18	13:30-13:32	1.16762	3603000								
EURUSD	26-07-18	15:30-15:32	1.16632	261000								
EURUSD	27-07-18	09:30-09:32	1.16326	155000								
EURUSD	27-07-18	11:30-11:32	1.16285	424000								
EURUSD	27-07-18	13:30-13:32	1.16496	1720000								
EURUSD	27-07-18	15:30-15:32	1.16508	2171000								
EURUSD	30-07-18	09:30-09:32	1.16829	121000								
EURUSD	30-07-18	11:30-11:32	1.16838	96000								
EURUSD	30-07-18	13:30-13:32	1.16925	362000								
EURUSD	30-07-18	15:30-15:32	1.17139	120000								
EURUSD	31-07-18	09:30-09:32	1.17264	143000								
EURUSD	31-07-18	11:30-11:32	1.17385	236000								
EURUSD	31-07-18	13:30-13:32	1.1715	2479000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	31-07-18	15:30-15:32	1.17029	358000								
EURUSD	01-08-18	09:30-09:32	1.16824	54000								
EURUSD	01-08-18	11:30-11:32	1.16857	54000								
EURUSD	01-08-18	13:30-13:32	1.16859	1255000								
EURUSD	01-08-18	15:30-15:32	1.16683	1020000								
EURUSD	02-08-18	09:30-09:32	1.16143	1009000								
EURUSD	02-08-18	11:30-11:32	1.16169	50000								
EURUSD	02-08-18	13:30-13:32	1.16251	10000								
EURUSD	02-08-18	15:30-15:32	1.1614	160000								
EURUSD	03-08-18	09:30-09:32	1.15793	49000								
EURUSD	03-08-18	11:30-11:32	1.16041	915000								
EURUSD	03-08-18	13:30-13:32	1.15683	758000								
EURUSD	03-08-18	15:30-15:32	1.15993	362000								
EURUSD	06-08-18	09:30-09:32	1.15618	10000								
EURUSD	06-08-18	11:30-11:32	1.15334	41000								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	06-08-18	13:30-13:32	1.15461	87000								
EURUSD	06-08-18	15:30-15:32	1.15673	423000								
EURUSD	07-08-18	09:30-09:32	1.15869	211000								
EURUSD	07-08-18	11:30-11:32	1.15938	367000								
EURUSD	07-08-18	13:30-13:32	1.1596	129000								
EURUSD	07-08-18	15:30-15:32	1.15913	232000								
EURUSD	08-08-18	09:30-09:32	1.15988	851000								
EURUSD	08-08-18	11:30-11:32	1.1597	119000								
EURUSD	08-08-18	13:30-13:32	1.15938	114000								
EURUSD	08-08-18	15:30-15:32	1.16041	43000								
EURUSD	09-08-18	09:30-09:32	1.15963	227000								
EURUSD	09-08-18	11:30-11:32	1.15936	56000								
EURUSD	09-08-18	13:30-13:32	1.15924	57000								
EURUSD	09-08-18	15:30-15:32	1.15728	66000								
EURUSD	10-08-18	09:30-09:32	1.1468	283000								

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EURUSD	10-08-18	11:30-11:32	1.14549	442000								
EURUSD	10-08-18	13:30-13:32	1.14241	1183000								
EURUSD	10-08-18	15:30-15:32	1.14185	66000								
EURUSD	13-08-18	09:30-09:32	1.13817	244000								
EURUSD	13-08-18	11:30-11:32	1.13734	49000								
EURUSD	13-08-18	13:30-13:32	1.1425	135000								
EURUSD	13-08-18	15:30-15:32	1.14095	228000								
EURUSD	14-08-18	09:30-09:32	1.13932	13000								
EURUSD	14-08-18	11:30-11:32	1.14041	25000								
EURUSD	14-08-18	13:30-13:32	1.13926	26000								
EURUSD	14-08-18	15:30-15:32	1.13567	405000								
EURUSD	15-08-18	09:30-09:32	1.1325	39000								
EURUSD	15-08-18	11:30-11:32	1.13119	349000								
EURUSD	15-08-18	13:30-13:32	1.13129	179000								
EURUSD	15-08-18	15:30-15:32	1.13187	209000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	16-08-18	09:30-09:32	1.13672	315000								
EURUSD	16-08-18	11:30-11:32	1.13752	32000								
EURUSD	16-08-18	13:30-13:32	1.13777	239000								
EURUSD	16-08-18	15:30-15:32	1.13932	18000								
EURUSD	17-08-18	09:30-09:32	1.13958	56000								
EURUSD	17-08-18	11:30-11:32	1.13931	39000								
EURUSD	17-08-18	13:30-13:32	1.14059	49000								
EURUSD	17-08-18	15:30-15:32	1.14132	628000								
EURUSD	20-08-18	09:30-09:32	1.1404	62000								
EURUSD	20-08-18	11:30-11:32	1.1417	78000								
EURUSD	20-08-18	13:30-13:32	1.14349	1172000								
EURUSD	20-08-18	15:30-15:32	1.14363	233000								
EURUSD	21-08-18	09:30-09:32	1.15245	175000								
EURUSD	21-08-18	11:30-11:32	1.15268	100000								
EURUSD	21-08-18	13:30-13:32	1.15173	77000								

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EURUSD	21-08-18	15:30-15:32	1.1526	89000								
EURUSD	22-08-18	09:30-09:32	1.15875	25000								
EURUSD	22-08-18	11:30-11:32	1.16083	80000								
EURUSD	22-08-18	13:30-13:32	1.16062	128000								
EURUSD	22-08-18	15:30-15:32	1.1591	332000								
EURUSD	23-08-18	09:30-09:32	1.15546	81000								
EURUSD	23-08-18	11:30-11:32	1.15822	109000								
EURUSD	23-08-18	13:30-13:32	1.15659	15000								
EURUSD	23-08-18	15:30-15:32	1.15747	5000								
EURUSD	24-08-18	09:30-09:32	1.1559	306000								
EURUSD	24-08-18	11:30-11:32	1.15811	103000								
EURUSD	24-08-18	13:30-13:32	1.15975	65000								
EURUSD	24-08-18	15:30-15:32	1.16201	250000								
EURUSD	27-08-18	09:30-09:32	1.16126	27000								
EURUSD	27-08-18	11:30-11:32	1.16191	325000								

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EURUSD	27-08-18	13:30-13:32	1.16476	767000								
EURUSD	27-08-18	15:30-15:32	1.16724	146000								
EURUSD	28-08-18	09:30-09:32	1.16979	399000								
EURUSD	28-08-18	11:30-11:32	1.16969	47000								
EURUSD	28-08-18	13:30-13:32	1.17246	1334000								
EURUSD	28-08-18	15:30-15:32	1.17123	152000								
EURUSD	29-08-18	09:30-09:32	1.16672	220000								
EURUSD	29-08-18	11:30-11:32	1.16635	320000								
EURUSD	29-08-18	13:30-13:32	1.16759	195000								
EURUSD	29-08-18	15:30-15:32	1.16955	201000								
EURUSD	30-08-18	09:30-09:32	1.16888	6000								
EURUSD	30-08-18	11:30-11:32	1.16916	128000								
EURUSD	30-08-18	13:30-13:32	1.16509	3702000								
EURUSD	30-08-18	15:30-15:32	1.1646	294000								
EURUSD	31-08-18	09:30-09:32	1.16663	657000								

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EURUSD	31-08-18	11:30-11:32	1.16498	211000								
EURUSD	31-08-18	13:30-13:32	1.16276	284000								
EURUSD	31-08-18	15:30-15:32	1.1609	306000								
EURUSD	03-09-18	09:30-09:32	1.16026	786000								
EURUSD	03-09-18	11:30-11:32	1.16135	2000								
EURUSD	03-09-18	13:30-13:32	1.1612	24000								
EURUSD	03-09-18	15:30-15:32	1.16212	205000								
EURUSD	04-09-18	09:30-09:32	1.15622	232000								
EURUSD	04-09-18	11:30-11:32	1.15562	400000								
EURUSD	04-09-18	13:30-13:32	1.15507	407000								
EURUSD	04-09-18	15:30-15:32	1.15544	88000								
EURUSD	05-09-18	09:30-09:32	1.15798	2163000								
EURUSD	05-09-18	11:30-11:32	1.15841	79000								
EURUSD	05-09-18	13:30-13:32	1.16264	303000								
EURUSD	05-09-18	15:30-15:32	1.16107	334000								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	06-09-18	09:30-09:32	1.16275	25000								
EURUSD	06-09-18	11:30-11:32	1.16291	40000								
EURUSD	06-09-18	13:30-13:32	1.16329	367000								
EURUSD	06-09-18	15:30-15:32	1.16178	33000								
EURUSD	07-09-18	09:30-09:32	1.16431	108000								
EURUSD	07-09-18	11:30-11:32	1.16077	88000								
EURUSD	07-09-18	13:30-13:32	1.15728	434000								
EURUSD	07-09-18	15:30-15:32	1.15797	5000								
EURUSD	10-09-18	09:30-09:32	1.15832	1211000								
EURUSD	10-09-18	11:30-11:32	1.15721	1095000								
EURUSD	10-09-18	13:30-13:32	1.16032	72000								
EURUSD	10-09-18	15:30-15:32	1.16036	41000								
EURUSD	11-09-18	09:30-09:32	1.1606	125000								
EURUSD	11-09-18	11:30-11:32	1.1584	23000								
EURUSD	11-09-18	13:30-13:32	1.15801	216000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	11-09-18	15:30-15:32	1.15877	82000								
EURUSD	12-09-18	09:30-09:32	1.15936	120000								
EURUSD	12-09-18	11:30-11:32	1.15804	196000								
EURUSD	12-09-18	13:30-13:32	1.15937	40000								
EURUSD	12-09-18	15:30-15:32	1.16393	321000								
EURUSD	13-09-18	09:30-09:32	1.16166	75000								
EURUSD	13-09-18	11:30-11:32	1.16292	6000								
EURUSD	13-09-18	13:30-13:32	1.16899	294000								
EURUSD	13-09-18	15:30-15:32	1.16775	86000								
EURUSD	14-09-18	09:30-09:32	1.17032	21000								
EURUSD	14-09-18	11:30-11:32	1.16975	159000								
EURUSD	14-09-18	13:30-13:32	1.16681	66000								
EURUSD	14-09-18	15:30-15:32	1.16607	13000								
EURUSD	17-09-18	09:30-09:32	1.16497	68000								
EURUSD	17-09-18	11:30-11:32	1.16583	51000								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	17-09-18	13:30-13:32	1.16892	345000								
EURUSD	17-09-18	15:30-15:32	1.16854	87000								
EURUSD	18-09-18	09:30-09:32	1.16831	205000								
EURUSD	18-09-18	11:30-11:32	1.1681	151000								
EURUSD	18-09-18	13:30-13:32	1.17091	192000								
EURUSD	18-09-18	15:30-15:32	1.16864	67000								
EURUSD	19-09-18	09:30-09:32	1.16972	259000								
EURUSD	19-09-18	11:30-11:32	1.16775	636000								
EURUSD	19-09-18	13:30-13:32	1.16745	56000								
EURUSD	19-09-18	15:30-15:32	1.16752	4000								
EURUSD	20-09-18	09:30-09:32	1.1705	538000								
EURUSD	20-09-18	11:30-11:32	1.17344	2831000								
EURUSD	20-09-18	13:30-13:32	1.17721	119000								
EURUSD	20-09-18	15:30-15:32	1.1748	1156000								
EURUSD	21-09-18	09:30-09:32	1.1779	168000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	21-09-18	11:30-11:32	1.17691	50000								
EURUSD	21-09-18	13:30-13:32	1.17371	521000								
EURUSD	21-09-18	15:30-15:32	1.17473	243000								
EURUSD	24-09-18	09:30-09:32	1.1768	99000								
EURUSD	24-09-18	11:30-11:32	1.17654	26000								
EURUSD	24-09-18	13:30-13:32	1.1809	1017000								
EURUSD	24-09-18	15:30-15:32	1.17788	71000								
EURUSD	25-09-18	09:30-09:32	1.17609	93000								
EURUSD	25-09-18	11:30-11:32	1.17809	912000								
EURUSD	25-09-18	13:30-13:32	1.17833	119000								
EURUSD	25-09-18	15:30-15:32	1.1772	1108000								
EURUSD	26-09-18	09:30-09:32	1.17651	734000								
EURUSD	26-09-18	11:30-11:32	1.17439	846000								
EURUSD	26-09-18	13:30-13:32	1.173	182000								
EURUSD	26-09-18	15:30-15:32	1.17511	67000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD	27-09-18	09:30-09:32	1.17142	213000								
EURUSD	27-09-18	11:30-11:32	1.1706	215000								
EURUSD	27-09-18	13:30-13:32	1.16797	84000								
EURUSD	27-09-18	15:30-15:32	1.16702	739000								
EURUSD	28-09-18	09:30-09:32	1.15985	1105000								
EURUSD	28-09-18	11:30-11:32	1.1583	66000								
EURUSD	28-09-18	13:30-13:32	1.15788	32000								
EURUSD	28-09-18	15:30-15:32	1.16187	117000								
EURUSD.	02-07-18	09:30-09:32	1.16463	400000								
EURUSD.	02-07-18	11:30-11:32	1.16326	263000								
EURUSD.	02-07-18	13:30-13:32	1.16025	51000								
EURUSD.	02-07-18	15:30-15:32	1.16012	96000								
EURUSD.	03-07-18	09:30-09:32	1.16577	109000								
EURUSD.	03-07-18	11:30-11:32	1.16557	1022000								
EURUSD.	03-07-18	13:30-13:32	1.16471	2000								

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EURUSD.	03-07-18	15:30-15:32	1.16573	1000								
EURUSD.	04-07-18	09:30-09:32	1.16404	14000								
EURUSD.	04-07-18	11:32-13:30			1.16403	04-07-18 11:35	2000	Other	NA	Electronic	1.16402	1.16403
EURUSD.	04-07-18	13:30-13:32	1.16406	7000								
EURUSD.	04-07-18	15:32-17:30			1.16385	04-07-18 15:32	2000	Other	NA	Electronic	1.16385	1.16386
EURUSD.	05-07-18	09:30-09:32	1.16882	81000								
EURUSD.	05-07-18	11:30-11:32	1.16986	87000								
EURUSD.	05-07-18	13:30-13:32	1.16956	214000								
EURUSD.	05-07-18	15:30-15:32	1.16981	6000								
EURUSD.	06-07-18	09:32-11:30			1.17057	06-07-18 09:36	6000	Other	NA	Electronic	1.17057	1.17059
EURUSD.	06-07-18	11:30-11:32	1.17153	20000								
EURUSD.	06-07-18	13:30-13:32	1.17591	190000								
EURUSD.	06-07-18	15:30-15:32	1.17559	20000								
EURUSD.	09-07-18	09:30-09:32	1.17706	126000								
EURUSD.	09-07-18	11:30-11:32	1.17783	640000								

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EURUSD.	09-07-18	13:30-13:32	1.17725	605000								
EURUSD.	09-07-18	15:30-15:32	1.17455	645000								
EURUSD.	10-07-18	09:30-09:32	1.17225	18000								
EURUSD.	10-07-18	11:30-11:32	1.17037	55000								
EURUSD.	10-07-18	13:30-13:32	1.17159	90000								
EURUSD.	10-07-18	15:30-15:32	1.17298	115000								
EURUSD.	11-07-18	09:30-09:32	1.17011	1353000								
EURUSD.	11-07-18	11:32-13:30			1.17155	11-07-18 11:32	10000	Other	NA	Electronic	1.17154	1.17155
EURUSD.	11-07-18	13:30-13:32	1.17499	4000								
EURUSD.	11-07-18	15:30-15:32	1.1718	1311000								
EURUSD.	12-07-18	09:30-09:32	1.16793	11000								
EURUSD.	12-07-18	11:30-11:32	1.16545	77000								
EURUSD.	12-07-18	13:32-15:30			1.16778	12-07-18 13:32	1000	Other	NA	Electronic	1.16777	1.16778
EURUSD.	12-07-18	15:30-15:32	1.16851	112000								
EURUSD.	13-07-18	09:30-09:32	1.16278	75000								

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EURUSD.	13-07-18	11:30-11:32	1.16199	445000								
EURUSD.	13-07-18	13:30-13:32	1.16417	42000								
EURUSD.	13-07-18	15:30-15:32	1.16715	196000								
EURUSD.	16-07-18	09:30-09:32	1.17055	267000								
EURUSD.	16-07-18	11:30-11:32	1.17247	61000								
EURUSD.	16-07-18	13:30-13:32	1.17086	26000								
EURUSD.	16-07-18	15:30-15:32	1.17064	113000								
EURUSD.	17-07-18	09:30-09:32	1.17332	25000								
EURUSD.	17-07-18	11:30-11:32	1.17125	490000								
EURUSD.	17-07-18	13:30-13:32	1.16987	249000								
EURUSD.	17-07-18	15:30-15:32	1.16894	5000								
EURUSD.	18-07-18	09:30-09:32	1.16274	203000								
EURUSD.	18-07-18	11:30-11:32	1.16174	10000								
EURUSD.	18-07-18	13:30-13:32	1.16281	268000								
EURUSD.	18-07-18	15:30-15:32	1.16433	39000								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD.	19-07-18	09:30-09:32	1.16019	356000								
EURUSD.	19-07-18	11:30-11:32	1.15937	215000								
EURUSD.	19-07-18	13:30-13:32	1.15986	157000								
EURUSD.	19-07-18	15:30-15:32	1.16006	22000								
EURUSD.	20-07-18	09:30-09:32	1.16542	119000								
EURUSD.	20-07-18	11:30-11:32	1.16561	46000								
EURUSD.	20-07-18	13:30-13:32	1.17169	129000								
EURUSD.	20-07-18	15:30-15:32	1.1706	233000								
EURUSD.	23-07-18	09:30-09:32	1.16966	266000								
EURUSD.	23-07-18	11:30-11:32	1.17182	482000								
EURUSD.	23-07-18	13:30-13:32	1.17141	588000								
EURUSD.	23-07-18	15:30-15:32	1.17023	6000								
EURUSD.	24-07-18	09:30-09:32	1.16866	206000								
EURUSD.	24-07-18	11:30-11:32	1.17074	151000								
EURUSD.	24-07-18	13:30-13:32	1.16928	1000								

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EURUSD.	24-07-18	15:30-15:32	1.16935	106000								
EURUSD.	25-07-18	09:30-09:32	1.17005	48000								
EURUSD.	25-07-18	11:30-11:32	1.16938	3000								
EURUSD.	25-07-18	13:30-13:32	1.17058	15000								
EURUSD.	25-07-18	15:30-15:32	1.16705	126000								
EURUSD.	26-07-18	09:30-09:32	1.17102	14000								
EURUSD.	26-07-18	11:30-11:32	1.17133	16000								
EURUSD.	26-07-18	13:30-13:32	1.1676	1729000								
EURUSD.	26-07-18	15:30-15:32	1.16634	31000								
EURUSD.	27-07-18	09:30-09:32	1.16323	22000								
EURUSD.	27-07-18	11:30-11:32	1.16285	2000								
EURUSD.	27-07-18	13:30-13:32	1.16509	577000								
EURUSD.	27-07-18	15:32-17:30			1.16541	27-07-18 15:38	1000	Other	NA	Electronic	1.16541	1.16541
EURUSD.	30-07-18	09:30-09:32	1.16826	106000								
EURUSD.	30-07-18	11:30-11:32	1.16849	17000								

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EURUSD.	30-07-18	13:32-15:30			1.16944	30-07-18 13:32	5000	Other	NA	Electronic	1.16943	1.16944
EURUSD.	30-07-18	15:32-17:30			1.17136	30-07-18 15:32	5000	Other	NA	Electronic	1.17136	1.17136
EURUSD.	31-07-18	09:30-09:32	1.17264	89000								
EURUSD.	31-07-18	11:30-11:32	1.17383	100000								
EURUSD.	31-07-18	13:30-13:32	1.17147	306000								
EURUSD.	31-07-18	15:30-15:32	1.17033	20000								
EURUSD.	01-08-18	09:32-11:30			1.16808	01-08-18 09:32	2000	Other	NA	Electronic	1.16808	1.16809
EURUSD.	01-08-18	11:30-11:32	1.1685	2000								
EURUSD.	01-08-18	13:30-13:32	1.16855	2000								
EURUSD.	01-08-18	15:30-15:32	1.16681	4000								
EURUSD.	02-08-18	09:30-09:32	1.16131	307000								
EURUSD.	02-08-18	11:30-11:32	1.16172	1000								
EURUSD.	02-08-18	13:30-13:32	1.16254	2000								
EURUSD.	02-08-18	15:32-17:30			1.16149	02-08-18 15:37	1000	Other	NA	Electronic	1.1615	1.1615
EURUSD.	03-08-18	09:30-09:32	1.15797	10000								

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EURUSD.	03-08-18	11:30-11:32	1.16044	344000								
EURUSD.	03-08-18	13:30-13:32	1.15681	118000								
EURUSD.	03-08-18	15:30-15:32	1.15998	147000								
EURUSD.	06-08-18	09:32-11:30			1.15618	06-08-18 09:35	10000	Other	NA	Electronic	1.15618	1.15618
EURUSD.	06-08-18	11:30-11:32	1.15331	74000								
EURUSD.	06-08-18	13:30-13:32	1.15469	15000								
EURUSD.	06-08-18	15:30-15:32	1.15673	74000								
EURUSD.	07-08-18	09:30-09:32	1.15866	28000								
EURUSD.	07-08-18	11:30-11:32	1.1594	5000								
EURUSD.	07-08-18	13:30-13:32	1.15958	202000								
EURUSD.	07-08-18	15:30-15:32	1.15917	113000								
EURUSD.	08-08-18	09:30-09:32	1.15992	22000								
EURUSD.	08-08-18	11:32-13:30			1.15964	08-08-18 11:32	1000	Other	NA	Electronic	1.15964	1.15965
EURUSD.	08-08-18	13:30-13:32	1.15944	2000								
EURUSD.	08-08-18	15:32-17:30			1.16046	08-08-18 15:33	1000	Other	NA	Electronic	1.16046	1.16046

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EURUSD.	09-08-18	09:32-11:30			1.1596	09-08-18 09:32	4000	Other	NA	Electronic	1.1596	1.1596
EURUSD.	09-08-18	11:32-13:30			1.1592	09-08-18 11:32	10000	Other	NA	Electronic	1.1592	1.1592
EURUSD.	09-08-18	13:30-13:32	1.15927	40000								
EURUSD.	09-08-18	15:30-15:32	1.15731	245000								
EURUSD.	10-08-18	09:30-09:32	1.14686	65000								
EURUSD.	10-08-18	11:30-11:32	1.14554	50000								
EURUSD.	10-08-18	13:30-13:32	1.14241	428000								
EURUSD.	10-08-18	15:30-15:32	1.14179	6000								
EURUSD.	13-08-18	09:30-09:32	1.13812	1000								
EURUSD.	13-08-18	11:30-11:32	1.1374	164000								
EURUSD.	13-08-18	13:30-13:32	1.1425	24000								
EURUSD.	13-08-18	15:30-15:32	1.14101	6000								
EURUSD.	14-08-18	09:30-09:32	1.13932	50000								
EURUSD.	14-08-18	11:30-11:32	1.14029	2000								
EURUSD.	14-08-18	13:30-13:32	1.13946	10000								

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EURUSD.	14-08-18	15:30-15:32	1.13559	71000								
EURUSD.	15-08-18	09:32-11:30			1.13246	15-08-18 09:34	30000	Other	NA	Electronic	1.13245	1.13246
EURUSD.	15-08-18	11:30-11:32	1.13111	14000								
EURUSD.	15-08-18	13:30-13:32	1.13124	1000								
EURUSD.	15-08-18	15:30-15:32	1.13179	50000								
EURUSD.	16-08-18	09:30-09:32	1.13671	3000								
EURUSD.	16-08-18	11:30-11:32	1.13749	10000								
EURUSD.	16-08-18	13:32-15:30			1.13791	16-08-18 13:32	5000	Other	NA	Electronic	1.1379	1.13791
EURUSD.	16-08-18	15:32-17:30			1.13928	16-08-18 15:32	5000	Other	NA	Electronic	1.13927	1.13928
EURUSD.	17-08-18	09:30-09:32	1.13963	40000								
EURUSD.	17-08-18	11:30-11:32	1.13934	9000								
EURUSD.	17-08-18	13:30-13:32	1.14048	131000								
EURUSD.	17-08-18	15:30-15:32	1.14137	11000								
EURUSD.	20-08-18	09:30-09:32	1.14036	11000								
EURUSD.	20-08-18	11:30-11:32	1.14173	6000								

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EURUSD.	20-08-18	13:30-13:32	1.14356	105000								
EURUSD.	20-08-18	15:30-15:32	1.14365	7000								
EURUSD.	21-08-18	09:30-09:32	1.15252	17000								
EURUSD.	21-08-18	11:30-11:32	1.15283	9000								
EURUSD.	21-08-18	13:30-13:32	1.15178	6000								
EURUSD.	21-08-18	15:30-15:32	1.15261	12000								
EURUSD.	22-08-18	09:32-11:30			1.15903	22-08-18 09:33	1000	Other	NA	Electronic	1.15903	1.15904
EURUSD.	22-08-18	11:30-11:32	1.16084	1000								
EURUSD.	22-08-18	13:30-13:32	1.16061	6000								
EURUSD.	22-08-18	15:30-15:32	1.15915	21000								
EURUSD.	23-08-18	09:30-09:32	1.15552	7000								
EURUSD.	23-08-18	11:30-11:32	1.15821	72000								
EURUSD.	23-08-18	13:30-13:32	1.15647	36000								
EURUSD.	23-08-18	15:30-15:32	1.15743	1000								
EURUSD.	24-08-18	09:30-09:32	1.15598	6000								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD.	24-08-18	11:30-11:32	1.15812	5000								
EURUSD.	24-08-18	13:30-13:32	1.15983	18000								
EURUSD.	24-08-18	15:30-15:32	1.16199	24000								
EURUSD.	27-08-18	09:30-09:32	1.1613	1000								
EURUSD.	27-08-18	11:30-11:32	1.16188	210000								
EURUSD.	27-08-18	13:30-13:32	1.16488	158000								
EURUSD.	27-08-18	15:30-15:32	1.16735	13000								
EURUSD.	28-08-18	09:30-09:32	1.16985	92000								
EURUSD.	28-08-18	11:32-13:30			1.16978	28-08-18 11:32	11000	Other	NA	Electronic	1.16977	1.16978
EURUSD.	28-08-18	13:30-13:32	1.1726	36000								
EURUSD.	28-08-18	15:30-15:32	1.17131	28000								
EURUSD.	29-08-18	09:30-09:32	1.16698	30000								
EURUSD.	29-08-18	11:30-11:32	1.16634	69000								
EURUSD.	29-08-18	13:30-13:32	1.16757	3000								
EURUSD.	29-08-18	15:32-17:30			1.16941	29-08-18 15:32	4000	Other	NA	Electronic	1.1694	1.16941



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EURUSD.	30-08-18	09:30-09:32	1.16893	24000								
EURUSD.	30-08-18	11:30-11:32	1.16912	3000								
EURUSD.	30-08-18	13:30-13:32	1.16517	348000								
EURUSD.	30-08-18	15:30-15:32	1.16471	148000								
EURUSD.	31-08-18	09:30-09:32	1.16674	8000								
EURUSD.	31-08-18	11:30-11:32	1.16499	33000								
EURUSD.	31-08-18	13:30-13:32	1.16274	10000								
EURUSD.	31-08-18	15:30-15:32	1.16084	18000								
EURUSD.	03-09-18	09:30-09:32	1.1603	81000								
EURUSD.	03-09-18	11:30-11:32	1.16143	3000								
EURUSD.	03-09-18	13:30-13:32	1.16122	120000								
EURUSD.	03-09-18	15:32-17:30			1.16236	03-09-18 15:33	15000	Other	NA	Electronic	1.16234	1.16236
EURUSD.	04-09-18	09:30-09:32	1.15601	14000								
EURUSD.	04-09-18	11:32-13:30			1.15555	04-09-18 11:33	1000	Other	NA	Electronic	1.15554	1.15555
EURUSD.	04-09-18	13:30-13:32	1.15514	51000								

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EURUSD.	04-09-18	15:30-15:32	1.15549	92000								
EURUSD.	05-09-18	09:30-09:32	1.15796	10000								
EURUSD.	05-09-18	11:30-11:32	1.15838	41000								
EURUSD.	05-09-18	13:30-13:32	1.16262	151000								
EURUSD.	05-09-18	15:30-15:32	1.16113	10000								
EURUSD.	06-09-18	09:32-11:30			1.1625	06-09-18 09:33	50000	Other	NA	Electronic	1.1625	1.16251
EURUSD.	06-09-18	11:30-11:32	1.16289	1000								
EURUSD.	06-09-18	13:30-13:32	1.16326	125000								
EURUSD.	06-09-18	15:32-17:30			1.16179	06-09-18 15:32	1000	Other	NA	Electronic	1.16178	1.1618
EURUSD.	07-09-18	09:32-11:30			1.16447	07-09-18 09:43	1000	Other	NA	Electronic	1.16446	1.16447
EURUSD.	07-09-18	11:30-11:32	1.16081	424000								
EURUSD.	07-09-18	13:30-13:32	1.15729	208000								
EURUSD.	07-09-18	15:30-15:32	1.15806	4000								
EURUSD.	10-09-18	09:30-09:32	1.15837	9000								
EURUSD.	10-09-18	11:30-11:32	1.15736	13000								

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EURUSD.	10-09-18	13:30-13:32	1.16031	37000								
EURUSD.	10-09-18	15:30-15:32	1.16041	126000								
EURUSD.	11-09-18	09:30-09:32	1.16054	212000								
EURUSD.	11-09-18	11:32-13:30			1.1585	11-09-18 11:36	2000	Other	NA	Electronic	1.1585	1.15851
EURUSD.	11-09-18	13:30-13:32	1.15785	164000								
EURUSD.	11-09-18	15:30-15:32	1.15877	11000								
EURUSD.	12-09-18	09:30-09:32	1.15932	8000								
EURUSD.	12-09-18	11:30-11:32	1.158	76000								
EURUSD.	12-09-18	13:30-13:32	1.15936	2000								
EURUSD.	12-09-18	15:30-15:32	1.1639	9000								
EURUSD.	13-09-18	09:32-11:30			1.16154	13-09-18 09:32	2000	Other	NA	Electronic	1.16154	1.16154
EURUSD.	13-09-18	11:30-11:32	1.16289	2000								
EURUSD.	13-09-18	13:30-13:32	1.16898	119000								
EURUSD.	13-09-18	15:32-17:30			1.16762	13-09-18 15:32	1000	Other	NA	Electronic	1.1676	1.16762
EURUSD.	14-09-18	09:30-09:32	1.17025	1000								

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSD.	14-09-18	11:30-11:32	1.1697	28000								
EURUSD.	14-09-18	13:30-13:32	1.1669	1000								
EURUSD.	14-09-18	15:32-17:30			1.1663	14-09-18 15:34	4000	Other	NA	Electronic	1.16629	1.1663
EURUSD.	17-09-18	09:32-11:30			1.16488	17-09-18 09:32	2000	Other	NA	Electronic	1.16488	1.16488
EURUSD.	17-09-18	11:30-11:32	1.16585	7000								
EURUSD.	17-09-18	13:30-13:32	1.16884	1000								
EURUSD.	17-09-18	15:30-15:32	1.16855	37000								
EURUSD.	18-09-18	09:30-09:32	1.16828	5000								
EURUSD.	18-09-18	11:32-13:30			1.16797	18-09-18 11:33	1000	Other	NA	Electronic	1.16797	1.16798
EURUSD.	18-09-18	13:32-15:30			1.17105	18-09-18 13:32	1000	Other	NA	Electronic	1.17103	1.17105
EURUSD.	18-09-18	15:30-15:32	1.1687	2000								
EURUSD.	19-09-18	09:30-09:32	1.16971	68000								
EURUSD.	19-09-18	11:30-11:32	1.16769	26000								
EURUSD.	19-09-18	13:32-15:30			1.16704	19-09-18 13:35	1000	Other	NA	Electronic	1.16704	1.16706
EURUSD.	19-09-18	15:30-15:32	1.16752	2000								

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EURUSD.	20-09-18	09:30-09:32	1.17054	41000								
EURUSD.	20-09-18	11:30-11:32	1.17334	373000								
EURUSD.	20-09-18	13:30-13:32	1.17747	156000								
EURUSD.	20-09-18	15:30-15:32	1.1748	25000								
EURUSD.	21-09-18	09:30-09:32	1.17795	19000								
EURUSD.	21-09-18	11:30-11:32	1.17687	68000								
EURUSD.	21-09-18	13:30-13:32	1.17373	55000								
EURUSD.	21-09-18	15:30-15:32	1.17459	11000								
EURUSD.	24-09-18	09:30-09:32	1.17684	80000								
EURUSD.	24-09-18	11:30-11:32	1.17651	170000								
EURUSD.	24-09-18	13:30-13:32	1.18082	131000								
EURUSD.	24-09-18	15:30-15:32	1.17788	150000								
EURUSD.	25-09-18	09:30-09:32	1.17619	28000								
EURUSD.	25-09-18	11:30-11:32	1.17813	54000								
EURUSD.	25-09-18	13:30-13:32	1.17837	113000								

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EURUSD.	25-09-18	15:30-15:32	1.17728	5000								
EURUSD.	26-09-18	09:30-09:32	1.17662	50000								
EURUSD.	26-09-18	11:30-11:32	1.17438	65000								
EURUSD.	26-09-18	13:30-13:32	1.17297	26000								
EURUSD.	26-09-18	15:30-15:32	1.17508	19000								
EURUSD.	27-09-18	09:30-09:32	1.1713	26000								
EURUSD.	27-09-18	11:30-11:32	1.17057	340000								
EURUSD.	27-09-18	13:30-13:32	1.16801	101000								
EURUSD.	27-09-18	15:30-15:32	1.16699	338000								
EURUSD.	28-09-18	09:30-09:32	1.15986	457000								
EURUSD.	28-09-18	11:30-11:32	1.15838	136000								
EURUSD.	28-09-18	13:30-13:32	1.15777	52000								
EURUSD.	28-09-18	15:30-15:32	1.16186	136000								
EURUSDmicro	02-07-18	09:30-09:32	1.16463	86000								
EURUSDmicro	02-07-18	11:30-11:32	1.16328	233480								

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EURUSDmicro	02-07-18	13:30-13:32	1.16025	341980								
EURUSDmicro	02-07-18	15:30-15:32	1.16003	394130								
EURUSDmicro	03-07-18	09:30-09:32	1.16579	107590								
EURUSDmicro	03-07-18	11:30-11:32	1.16555	76930								
EURUSDmicro	03-07-18	13:30-13:32	1.16476	180170								
EURUSDmicro	03-07-18	15:30-15:32	1.16569	57620								
EURUSDmicro	04-07-18	09:30-09:32	1.16406	62370								
EURUSDmicro	04-07-18	11:30-11:32	1.16385	73130								
EURUSDmicro	04-07-18	13:30-13:32	1.16407	244820								
EURUSDmicro	04-07-18	15:30-15:32	1.16416	19230								
EURUSDmicro	05-07-18	09:30-09:32	1.16878	12000								
EURUSDmicro	05-07-18	11:30-11:32	1.16984	28580								
EURUSDmicro	05-07-18	13:30-13:32	1.16962	782540								
EURUSDmicro	05-07-18	15:30-15:32	1.16983	326630								
EURUSDmicro	06-07-18	09:30-09:32	1.17095	62930								

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EURUSDmicro	06-07-18	11:30-11:32	1.17152	94860								
EURUSDmicro	06-07-18	13:30-13:32	1.17592	430570								
EURUSDmicro	06-07-18	15:30-15:32	1.17566	106370								
EURUSDmicro	09-07-18	09:30-09:32	1.17703	69150								
EURUSDmicro	09-07-18	11:30-11:32	1.1779	41630								
EURUSDmicro	09-07-18	13:30-13:32	1.17728	568620								
EURUSDmicro	09-07-18	15:30-15:32	1.17457	561060								
EURUSDmicro	10-07-18	09:30-09:32	1.17227	136240								
EURUSDmicro	10-07-18	11:30-11:32	1.17038	375480								
EURUSDmicro	10-07-18	13:30-13:32	1.17156	27880								
EURUSDmicro	10-07-18	15:30-15:32	1.173	111010								
EURUSDmicro	11-07-18	09:30-09:32	1.17009	359650								
EURUSDmicro	11-07-18	11:30-11:32	1.17159	24930								
EURUSDmicro	11-07-18	13:30-13:32	1.17503	256160								
EURUSDmicro	11-07-18	15:30-15:32	1.17183	233900								



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EURUSDmicro	12-07-18	09:30-09:32	1.16783	74660								
EURUSDmicro	12-07-18	11:30-11:32	1.16551	378200								
EURUSDmicro	12-07-18	13:30-13:32	1.16785	215970								
EURUSDmicro	12-07-18	15:30-15:32	1.16851	307790								
EURUSDmicro	13-07-18	09:30-09:32	1.16276	244440								
EURUSDmicro	13-07-18	11:30-11:32	1.16207	283520								
EURUSDmicro	13-07-18	13:30-13:32	1.16417	23870								
EURUSDmicro	13-07-18	15:30-15:32	1.16714	778070								
EURUSDmicro	16-07-18	09:30-09:32	1.17052	744490								
EURUSDmicro	16-07-18	11:30-11:32	1.17247	172560								
EURUSDmicro	16-07-18	13:30-13:32	1.17084	109670								
EURUSDmicro	16-07-18	15:30-15:32	1.17067	96060								
EURUSDmicro	17-07-18	09:30-09:32	1.17335	14240								
EURUSDmicro	17-07-18	11:30-11:32	1.17125	37620								
EURUSDmicro	17-07-18	13:30-13:32	1.16981	86910								

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EURUSDmicro	17-07-18	15:30-15:32	1.16892	36270								
EURUSDmicro	18-07-18	09:30-09:32	1.16274	52720								
EURUSDmicro	18-07-18	11:30-11:32	1.16185	103800								
EURUSDmicro	18-07-18	13:30-13:32	1.16278	71290								
EURUSDmicro	18-07-18	15:30-15:32	1.16431	20900								
EURUSDmicro	19-07-18	09:30-09:32	1.16015	906650								
EURUSDmicro	19-07-18	11:30-11:32	1.15938	233210								
EURUSDmicro	19-07-18	13:30-13:32	1.15999	314300								
EURUSDmicro	19-07-18	15:30-15:32	1.16005	33780								
EURUSDmicro	20-07-18	09:30-09:32	1.16548	27180								
EURUSDmicro	20-07-18	11:30-11:32	1.16558	27170								
EURUSDmicro	20-07-18	13:30-13:32	1.17163	421760								
EURUSDmicro	20-07-18	15:30-15:32	1.1705	139380								
EURUSDmicro	23-07-18	09:30-09:32	1.1697	619710								
EURUSDmicro	23-07-18	11:30-11:32	1.17181	181530								

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EURUSDmicro	23-07-18	13:30-13:32	1.17143	123360								
EURUSDmicro	23-07-18	15:30-15:32	1.17028	47860								
EURUSDmicro	24-07-18	09:30-09:32	1.16864	9110								
EURUSDmicro	24-07-18	11:30-11:32	1.17075	39280								
EURUSDmicro	24-07-18	13:30-13:32	1.1693	7650								
EURUSDmicro	24-07-18	15:30-15:32	1.16935	94130								
EURUSDmicro	25-07-18	09:30-09:32	1.17013	433330								
EURUSDmicro	25-07-18	11:30-11:32	1.16939	12820								
EURUSDmicro	25-07-18	13:30-13:32	1.17064	71460								
EURUSDmicro	25-07-18	15:30-15:32	1.16712	173130								
EURUSDmicro	26-07-18	09:30-09:32	1.17096	61440								
EURUSDmicro	26-07-18	11:30-11:32	1.17126	85160								
EURUSDmicro	26-07-18	13:30-13:32	1.16765	931520								
EURUSDmicro	26-07-18	15:30-15:32	1.16631	37960								
EURUSDmicro	27-07-18	09:30-09:32	1.1632	140240								

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EURUSDmicro	27-07-18	11:30-11:32	1.16283	24160								
EURUSDmicro	27-07-18	13:30-13:32	1.16497	200720								
EURUSDmicro	27-07-18	15:30-15:32	1.16514	54970								
EURUSDmicro	30-07-18	09:30-09:32	1.16827	98380								
EURUSDmicro	30-07-18	11:30-11:32	1.16839	36970								
EURUSDmicro	30-07-18	13:30-13:32	1.16926	45530								
EURUSDmicro	30-07-18	15:30-15:32	1.17135	41020								
EURUSDmicro	31-07-18	09:30-09:32	1.17273	47870								
EURUSDmicro	31-07-18	11:30-11:32	1.17385	115900								
EURUSDmicro	31-07-18	13:30-13:32	1.17146	505120								
EURUSDmicro	31-07-18	15:30-15:32	1.17021	104350								
EURUSDmicro	01-08-18	09:30-09:32	1.1683	14080								
EURUSDmicro	01-08-18	11:30-11:32	1.16852	9410								
EURUSDmicro	01-08-18	13:30-13:32	1.16856	116290								
EURUSDmicro	01-08-18	15:30-15:32	1.16679	40860								

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EURUSDmicro	02-08-18	09:30-09:32	1.16146	434950								
EURUSDmicro	02-08-18	11:30-11:32	1.16171	34480								
EURUSDmicro	02-08-18	13:30-13:32	1.16257	22420								
EURUSDmicro	02-08-18	15:30-15:32	1.16138	125670								
EURUSDmicro	03-08-18	09:30-09:32	1.15799	7460								
EURUSDmicro	03-08-18	11:30-11:32	1.16052	343610								
EURUSDmicro	03-08-18	13:30-13:32	1.15687	160040								
EURUSDmicro	03-08-18	15:30-15:32	1.15996	202620								
EURUSDmicro	06-08-18	09:30-09:32	1.15613	101160								
EURUSDmicro	06-08-18	11:30-11:32	1.15332	113050								
EURUSDmicro	06-08-18	13:30-13:32	1.15469	92100								
EURUSDmicro	06-08-18	15:30-15:32	1.15679	196580								
EURUSDmicro	07-08-18	09:30-09:32	1.15861	164340								
EURUSDmicro	07-08-18	11:30-11:32	1.15938	5190								
EURUSDmicro	07-08-18	13:30-13:32	1.1596	223920								

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EURUSDmicro	07-08-18	15:30-15:32	1.15911	22660								
EURUSDmicro	08-08-18	09:30-09:32	1.15986	12740								
EURUSDmicro	08-08-18	11:30-11:32	1.15962	40570								
EURUSDmicro	08-08-18	13:30-13:32	1.15938	71140								
EURUSDmicro	08-08-18	15:30-15:32	1.16039	4700								
EURUSDmicro	09-08-18	09:30-09:32	1.15965	54980								
EURUSDmicro	09-08-18	11:30-11:32	1.15924	3950								
EURUSDmicro	09-08-18	13:30-13:32	1.15916	6870								
EURUSDmicro	09-08-18	15:30-15:32	1.15726	562790								
EURUSDmicro	10-08-18	09:30-09:32	1.1469	37030								
EURUSDmicro	10-08-18	11:30-11:32	1.14555	83830								
EURUSDmicro	10-08-18	13:30-13:32	1.14236	448210								
EURUSDmicro	10-08-18	15:30-15:32	1.14187	183470								
EURUSDmicro	13-08-18	09:30-09:32	1.13822	13660								
EURUSDmicro	13-08-18	11:30-11:32	1.13737	65270								

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EURUSDmicro	13-08-18	13:30-13:32	1.14247	332200								
EURUSDmicro	13-08-18	15:30-15:32	1.14112	42860								
EURUSDmicro	14-08-18	09:30-09:32	1.1393	14440								
EURUSDmicro	14-08-18	11:30-11:32	1.14039	14760								
EURUSDmicro	14-08-18	13:30-13:32	1.13924	15000								
EURUSDmicro	14-08-18	15:30-15:32	1.13559	472650								
EURUSDmicro	15-08-18	09:30-09:32	1.13252	22500								
EURUSDmicro	15-08-18	11:30-11:32	1.1311	458250								
EURUSDmicro	15-08-18	13:30-13:32	1.13135	35150								
EURUSDmicro	15-08-18	15:30-15:32	1.13182	466440								
EURUSDmicro	16-08-18	09:30-09:32	1.13679	1520350								
EURUSDmicro	16-08-18	11:30-11:32	1.13749	6950								
EURUSDmicro	16-08-18	13:30-13:32	1.13779	21960								
EURUSDmicro	16-08-18	15:30-15:32	1.13936	740								
EURUSDmicro	17-08-18	09:30-09:32	1.1395	90500								

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EURUSDmicro	17-08-18	11:30-11:32	1.13931	17560								
EURUSDmicro	17-08-18	13:30-13:32	1.14052	37480								
EURUSDmicro	17-08-18	15:30-15:32	1.14135	16780								
EURUSDmicro	20-08-18	09:30-09:32	1.14036	12780								
EURUSDmicro	20-08-18	11:30-11:32	1.14162	145310								
EURUSDmicro	20-08-18	13:30-13:32	1.14352	436880								
EURUSDmicro	20-08-18	15:30-15:32	1.14363	16660								
EURUSDmicro	21-08-18	09:30-09:32	1.15243	67140								
EURUSDmicro	21-08-18	11:30-11:32	1.15274	73240								
EURUSDmicro	21-08-18	13:30-13:32	1.15176	240060								
EURUSDmicro	21-08-18	15:30-15:32	1.15259	80220								
EURUSDmicro	22-08-18	09:30-09:32	1.15874	133630								
EURUSDmicro	22-08-18	11:30-11:32	1.16088	28910								
EURUSDmicro	22-08-18	13:30-13:32	1.16056	22310								
EURUSDmicro	22-08-18	15:30-15:32	1.15912	123290								



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EURUSDmicro	23-08-18	09:30-09:32	1.15551	27150								
EURUSDmicro	23-08-18	11:30-11:32	1.1582	43100								
EURUSDmicro	23-08-18	13:30-13:32	1.15652	20870								
EURUSDmicro	23-08-18	15:30-15:32	1.15756	74990								
EURUSDmicro	24-08-18	09:30-09:32	1.15592	37270								
EURUSDmicro	24-08-18	11:30-11:32	1.15811	22350								
EURUSDmicro	24-08-18	13:30-13:32	1.15974	17450								
EURUSDmicro	24-08-18	15:30-15:32	1.16201	184070								
EURUSDmicro	27-08-18	09:30-09:32	1.16129	14770								
EURUSDmicro	27-08-18	11:30-11:32	1.16185	153950								
EURUSDmicro	27-08-18	13:30-13:32	1.16478	135420								
EURUSDmicro	27-08-18	15:30-15:32	1.16729	36580								
EURUSDmicro	28-08-18	09:30-09:32	1.16979	151020								
EURUSDmicro	28-08-18	11:30-11:32	1.16961	28110								
EURUSDmicro	28-08-18	13:30-13:32	1.17251	461030								

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EURUSDmicro	28-08-18	15:30-15:32	1.17136	210940								
EURUSDmicro	29-08-18	09:30-09:32	1.1668	3930								
EURUSDmicro	29-08-18	11:30-11:32	1.16631	73510								
EURUSDmicro	29-08-18	13:30-13:32	1.16757	46470								
EURUSDmicro	29-08-18	15:30-15:32	1.16947	26290								
EURUSDmicro	30-08-18	09:30-09:32	1.16889	1550								
EURUSDmicro	30-08-18	11:30-11:32	1.16914	28170								
EURUSDmicro	30-08-18	13:30-13:32	1.16501	881060								
EURUSDmicro	30-08-18	15:30-15:32	1.16464	55780								
EURUSDmicro	31-08-18	09:30-09:32	1.1667	20580								
EURUSDmicro	31-08-18	11:30-11:32	1.16495	162950								
EURUSDmicro	31-08-18	13:30-13:32	1.16277	55270								
EURUSDmicro	31-08-18	15:30-15:32	1.16085	160740								
EURUSDmicro	03-09-18	09:30-09:32	1.16035	246400								
EURUSDmicro	03-09-18	11:30-11:32	1.1614	1200								

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EURUSDmicro	03-09-18	13:30-13:32	1.16127	12000								
EURUSDmicro	03-09-18	15:30-15:32	1.16215	2320								
EURUSDmicro	04-09-18	09:30-09:32	1.15611	140830								
EURUSDmicro	04-09-18	11:30-11:32	1.15567	8080								
EURUSDmicro	04-09-18	13:30-13:32	1.15516	32580								
EURUSDmicro	04-09-18	15:30-15:32	1.15541	18040								
EURUSDmicro	05-09-18	09:30-09:32	1.158	24390								
EURUSDmicro	05-09-18	11:30-11:32	1.1584	22830								
EURUSDmicro	05-09-18	13:30-13:32	1.16267	63060								
EURUSDmicro	05-09-18	15:30-15:32	1.16102	82490								
EURUSDmicro	06-09-18	09:30-09:32	1.16274	35810								
EURUSDmicro	06-09-18	11:30-11:32	1.16304	2600								
EURUSDmicro	06-09-18	13:30-13:32	1.16325	72020								
EURUSDmicro	06-09-18	15:30-15:32	1.16176	82550								
EURUSDmicro	07-09-18	09:30-09:32	1.16426	70080								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURUSDmicro	07-09-18	11:30-11:32	1.16078	195980								
EURUSDmicro	07-09-18	13:30-13:32	1.15726	48870								
EURUSDmicro	07-09-18	15:30-15:32	1.15803	15180								
EURUSDmicro	10-09-18	09:30-09:32	1.15834	116340								
EURUSDmicro	10-09-18	11:30-11:32	1.15732	7970								
EURUSDmicro	10-09-18	13:30-13:32	1.1603	44680								
EURUSDmicro	10-09-18	15:30-15:32	1.16043	41880								
EURUSDmicro	11-09-18	09:30-09:32	1.16053	8360								
EURUSDmicro	11-09-18	11:30-11:32	1.15843	49540								
EURUSDmicro	11-09-18	13:30-13:32	1.15804	65090								
EURUSDmicro	11-09-18	15:30-15:32	1.15876	188370								
EURUSDmicro	12-09-18	09:30-09:32	1.15933	34940								
EURUSDmicro	12-09-18	11:30-11:32	1.15811	589610								
EURUSDmicro	12-09-18	13:30-13:32	1.15939	241240								
EURUSDmicro	12-09-18	15:30-15:32	1.16395	256250								

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EURUSDmicro	13-09-18	09:30-09:32	1.16163	121750								
EURUSDmicro	13-09-18	11:30-11:32	1.16283	18900								
EURUSDmicro	13-09-18	13:30-13:32	1.16893	186010								
EURUSDmicro	13-09-18	15:30-15:32	1.1677	47520								
EURUSDmicro	14-09-18	09:30-09:32	1.17035	51240								
EURUSDmicro	14-09-18	11:30-11:32	1.16969	8190								
EURUSDmicro	14-09-18	13:30-13:32	1.16679	145920								
EURUSDmicro	14-09-18	15:30-15:32	1.16621	103310								
EURUSDmicro	17-09-18	09:30-09:32	1.16505	8870								
EURUSDmicro	17-09-18	11:30-11:32	1.16592	7050								
EURUSDmicro	17-09-18	13:30-13:32	1.16892	191600								
EURUSDmicro	17-09-18	15:30-15:32	1.16855	38040								
EURUSDmicro	18-09-18	09:30-09:32	1.1683	12340								
EURUSDmicro	18-09-18	11:30-11:32	1.16809	4720								
EURUSDmicro	18-09-18	13:30-13:32	1.17088	27380								

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EURUSDmicro	18-09-18	15:30-15:32	1.16867	29080								
EURUSDmicro	19-09-18	09:30-09:32	1.16972	104820								
EURUSDmicro	19-09-18	11:30-11:32	1.16764	133310								
EURUSDmicro	19-09-18	13:30-13:32	1.16734	11610								
EURUSDmicro	19-09-18	15:30-15:32	1.16757	26120								
EURUSDmicro	20-09-18	09:30-09:32	1.1705	351500								
EURUSDmicro	20-09-18	11:30-11:32	1.17349	939070								
EURUSDmicro	20-09-18	13:30-13:32	1.17727	170030								
EURUSDmicro	20-09-18	15:30-15:32	1.17484	60230								
EURUSDmicro	21-09-18	09:30-09:32	1.17781	49370								
EURUSDmicro	21-09-18	11:30-11:32	1.17684	11330								
EURUSDmicro	21-09-18	13:30-13:32	1.1737	23150								
EURUSDmicro	21-09-18	15:30-15:32	1.17469	48180								
EURUSDmicro	24-09-18	09:30-09:32	1.17681	114240								
EURUSDmicro	24-09-18	11:30-11:32	1.17651	23450								

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EURUSDmicro	24-09-18	13:30-13:32	1.18087	59000								
EURUSDmicro	24-09-18	15:30-15:32	1.1778	58360								
EURUSDmicro	25-09-18	09:30-09:32	1.17611	92300								
EURUSDmicro	25-09-18	11:30-11:32	1.1781	110540								
EURUSDmicro	25-09-18	13:30-13:32	1.17834	56430								
EURUSDmicro	25-09-18	15:30-15:32	1.17716	52390								
EURUSDmicro	26-09-18	09:30-09:32	1.17652	4740								
EURUSDmicro	26-09-18	11:30-11:32	1.17436	80130								
EURUSDmicro	26-09-18	13:30-13:32	1.173	99800								
EURUSDmicro	26-09-18	15:30-15:32	1.17511	52470								
EURUSDmicro	27-09-18	09:30-09:32	1.17139	36100								
EURUSDmicro	27-09-18	11:30-11:32	1.17064	66040								
EURUSDmicro	27-09-18	13:30-13:32	1.16793	140610								
EURUSDmicro	27-09-18	15:30-15:32	1.16699	32090								
EURUSDmicro	28-09-18	09:30-09:32	1.15984	159380								

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EURUSDmicro	28-09-18	11:30-11:32	1.15834	47690								
EURUSDmicro	28-09-18	13:30-13:32	1.15788	87720								
EURUSDmicro	28-09-18	15:30-15:32	1.16188	125490								
EURUSDmini	02-07-18	11:32-13:30			1.16255	02-07-18 12:01	400	Other	NA	Electronic	1.16241	1.16256
EURUSDmini	02-07-18	13:32-15:30			1.16074	02-07-18 13:55	800	Other	NA	Electronic	1.16074	1.1609
EURUSDmini	04-07-18	09:32-11:30			1.16332	04-07-18 09:42	700	Other	NA	Electronic	1.16314	1.16332
EURUSDmini	05-07-18	11:32-13:30			1.17167	05-07-18 12:21	600	Other	NA	Electronic	1.17166	1.17183
EURUSDmini	06-07-18	09:32-11:30			1.17092	06-07-18 09:33	400	Other	NA	Electronic	1.17075	1.17092
EURUSDmini	06-07-18	11:32-13:30			1.17445	06-07-18 12:30	5400	Other	NA	Electronic	1.17422	1.17445
EURUSDmini	06-07-18	13:32-15:30			1.17514	06-07-18 13:55	800	Other	NA	Electronic	1.17497	1.17514
EURUSDmini	09-07-18	11:32-13:30			1.17867	09-07-18 11:45	800	Other	NA	Electronic	1.17867	1.17884
EURUSDmini	10-07-18	09:32-11:30			1.17127	10-07-18 10:53	400	Other	NA	Electronic	1.1711	1.17127
EURUSDmini	10-07-18	11:32-13:30			1.1706	10-07-18 11:40	800	Other	NA	Electronic	1.1706	1.17076
EURUSDmini	11-07-18	11:32-13:30			1.17541	11-07-18 13:01	400	Other	NA	Electronic	1.17543	1.17557
EURUSDmini	11-07-18	13:32-15:30			1.17196	11-07-18 14:55	400	Other	NA	Electronic	1.1718	1.17196



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EURUSDmini	11-07-18	15:32-17:30			1.16833	11-07-18 17:06	700	Other	NA	Electronic	1.16815	1.16833
EURUSDmini	12-07-18	09:32-11:30			1.16622	12-07-18 10:59	700	Other	NA	Electronic	1.16605	1.16622
EURUSDmini	16-07-18	09:32-11:30			1.17105	16-07-18 10:51	400	Other	NA	Electronic	1.17105	1.1712
EURUSDmini	17-07-18	13:32-15:30			1.16974	17-07-18 14:05	800	Other	NA	Electronic	1.16974	1.1699
EURUSDmini	17-07-18	15:32-17:30			1.1676	17-07-18 15:46	400	Other	NA	Electronic	1.16743	1.16759
EURUSDmini	18-07-18	11:32-13:30			1.16045	18-07-18 12:02	400	Other	NA	Electronic	1.16029	1.16046
EURUSDmini	18-07-18	13:32-15:30			1.16396	18-07-18 14:20	400	Other	NA	Electronic	1.16396	1.16413
EURUSDmini	19-07-18	11:32-13:30			1.15798	19-07-18 12:30	800	Other	NA	Electronic	1.15778	1.15798
EURUSDmini	19-07-18	13:32-15:30			1.16102	19-07-18 14:09	400	Other	NA	Electronic	1.16102	1.16119
EURUSDmini	19-07-18	15:32-17:30			1.1646	19-07-18 17:15	400	Other	NA	Electronic	1.16462	1.16481
EURUSDmini	20-07-18	11:32-13:30			1.1684	20-07-18 12:43	600	Other	NA	Electronic	1.16842	1.16858
EURUSDmini	23-07-18	09:32-11:30			1.16992	23-07-18 10:05	800	Other	NA	Electronic	1.16993	1.17008
EURUSDmini	23-07-18	11:32-13:30			1.17113	23-07-18 13:22	1500	Other	NA	Electronic	1.17113	1.17129
EURUSDmini	23-07-18	13:32-15:30			1.17055	23-07-18 14:05	2000	Other	NA	Electronic	1.17055	1.1707
EURUSDmini	25-07-18	11:32-13:30			1.1696	25-07-18 12:55	3000	Other	NA	Electronic	1.1696	1.16976

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EURUSDmini	26-07-18	11:32-13:30			1.16898	26-07-18 13:06	400	Other	NA	Electronic	1.16881	1.16899
EURUSDmini	26-07-18	13:32-15:30			1.16629	26-07-18 14:21	400	Other	NA	Electronic	1.16611	1.16626
EURUSDmini	30-07-18	11:32-13:30			1.16972	30-07-18 13:01	400	Other	NA	Electronic	1.16972	1.16988
EURUSDmini	30-07-18	15:32-17:30			1.1717	30-07-18 15:38	400	Other	NA	Electronic	1.1717	1.17187
EURUSDmini	31-07-18	09:32-11:30			1.17341	31-07-18 10:41	400	Other	NA	Electronic	1.17341	1.17355
EURUSDmini	01-08-18	13:32-15:30			1.16709	01-08-18 14:52	400	Other	NA	Electronic	1.16693	1.16709
EURUSDmini	02-08-18	09:32-11:30			1.16096	02-08-18 09:36	600	Other	NA	Electronic	1.16082	1.16096
EURUSDmini	02-08-18	11:32-13:30			1.16053	02-08-18 11:49	400	Other	NA	Electronic	1.16053	1.1607
EURUSDmini	06-08-18	09:32-11:30			1.15417	06-08-18 10:44	400	Other	NA	Electronic	1.15401	1.15418
EURUSDmini	07-08-18	09:32-11:30			1.16006	07-08-18 11:20	1700	Other	NA	Electronic	1.16004	1.16019
EURUSDmini	09-08-18	13:32-15:30			1.15659	09-08-18 15:12	400	Other	NA	Electronic	1.15643	1.15659
EURUSDmini	10-08-18	11:32-13:30			1.14181	10-08-18 13:16	400	Other	NA	Electronic	1.14162	1.14181
EURUSDmini	10-08-18	15:32-17:30			1.1414	10-08-18 15:44	1700	Other	NA	Electronic	1.14123	1.1414
EURUSDmini	14-08-18	15:32-17:30			1.13533	14-08-18 15:32	400	Other	NA	Electronic	1.13516	1.13533
EURUSDmini	15-08-18	13:32-15:30			1.13047	15-08-18 13:51	9900	Other	NA	Electronic	1.1303	1.13047

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EURUSDmini	16-08-18	13:32-15:30			1.14036	16-08-18 13:50	400	Other	NA	Electronic	1.14036	1.14055
EURUSDmini	20-08-18	15:32-17:30			1.14462	20-08-18 15:53	400	Other	NA	Electronic	1.14463	1.14478
EURUSDmini	21-08-18	15:32-17:30			1.15566	21-08-18 16:55	1700	Other	NA	Electronic	1.15545	1.1556
EURUSDmini	24-08-18	13:32-15:30			1.16108	24-08-18 14:01	400	Other	NA	Electronic	1.16108	1.16125
EURUSDmini	27-08-18	13:32-15:30			1.16679	27-08-18 14:56	9900	Other	NA	Electronic	1.16679	1.16696
EURUSDmini	28-08-18	09:32-11:30			1.17039	28-08-18 09:57	18000	Other	NA	Electronic	1.17039	1.17056
EURUSDmini	29-08-18	09:32-11:30			1.16531	29-08-18 11:03	400	Other	NA	Electronic	1.16514	1.16531
EURUSDmini	29-08-18	13:32-15:30			1.1688	29-08-18 13:59	400	Other	NA	Electronic	1.1688	1.169
EURUSDmini	31-08-18	11:32-13:30			1.16365	31-08-18 12:39	400	Other	NA	Electronic	1.16358	1.16372
EURUSDmini	31-08-18	13:32-15:30			1.16248	31-08-18 15:11	400	Other	NA	Electronic	1.16232	1.16248
EURUSDmini	31-08-18	15:32-17:30			1.15983	31-08-18 15:42	400	Other	NA	Electronic	1.15967	1.15983
EURUSDmini	05-09-18	11:32-13:30			1.16255	05-09-18 13:17	400	Other	NA	Electronic	1.16255	1.16274
EURUSDmini	07-09-18	11:32-13:30			1.15924	07-09-18 12:30	400	Other	NA	Electronic	1.15902	1.15924
EURUSDmini	07-09-18	15:32-17:30			1.15567	07-09-18 16:44	400	Other	NA	Electronic	1.15548	1.15564
EURUSDmini	10-09-18	11:32-13:30			1.16031	10-09-18 12:59	400	Other	NA	Electronic	1.16031	1.16048

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EURUSDmini	11-09-18	09:32-11:30			1.1584	11-09-18 10:31	400	Other	NA	Electronic	1.15822	1.1584
EURUSDmini	11-09-18	11:32-13:30			1.15746	11-09-18 12:03	400	Other	NA	Electronic	1.15746	1.15763
EURUSDmini	12-09-18	13:32-15:30			1.16484	12-09-18 15:18	400	Other	NA	Electronic	1.16484	1.16501
EURUSDmini	13-09-18	11:32-13:30			1.16776	13-09-18 12:58	400	Other	NA	Electronic	1.16776	1.1679
EURUSDmini	14-09-18	13:32-15:30			1.16564	14-09-18 14:14	400	Other	NA	Electronic	1.16557	1.16572
EURUSDmini	14-09-18	15:32-17:30			1.16412	14-09-18 16:21	400	Other	NA	Electronic	1.16397	1.16412
EURUSDmini	17-09-18	11:32-13:30			1.16913	17-09-18 13:18	400	Other	NA	Electronic	1.16913	1.16929
EURUSDmini	18-09-18	15:32-17:30			1.16711	18-09-18 16:28	400	Other	NA	Electronic	1.16696	1.16713
EURUSDmini	20-09-18	09:32-11:30			1.17273	20-09-18 11:29	400	Other	NA	Electronic	1.17274	1.1729
EURUSDmini	20-09-18	11:30-11:32	1.17352	1200								
EURUSDmini	21-09-18	11:32-13:30			1.17381	21-09-18 13:25	400	Other	NA	Electronic	1.17366	1.17382
EURUSDmini	24-09-18	11:32-13:30			1.18011	24-09-18 13:10	400	Other	NA	Electronic	1.18011	1.1803
EURUSDmini	24-09-18	13:32-15:30			1.17995	24-09-18 14:00	400	Other	NA	Electronic	1.17979	1.17995
EURUSDmini	24-09-18	15:32-17:30			1.17606	24-09-18 15:37	400	Other	NA	Electronic	1.17586	1.17606
EURUSDmini	25-09-18	09:32-11:30			1.17771	25-09-18 11:23	400	Other	NA	Electronic	1.17771	1.17788

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EURUSDmini	27-09-18	11:32-13:30			1.1681	27-09-18 12:30	600	Other	NA	Electronic	1.16793	1.1681
EURUSDmini	28-09-18	09:32-11:30			1.15845	28-09-18 10:06	400	Other	NA	Electronic	1.15829	1.15845
EURUSDmini	28-09-18	13:32-15:30			1.16191	28-09-18 15:02	400	Other	NA	Electronic	1.16191	1.16208
EURZAR	02-07-18	09:32-11:30			16.07227	02-07-18 09:50	1000	Other	NA	Electronic	16.06202	16.07227
EURZAR	02-07-18	11:32-13:30			16.06582	02-07-18 12:14	1000	Other	NA	Electronic	16.06582	16.07597
EURZAR	02-07-18	13:32-15:30			16.10152	02-07-18 13:43	3000	Other	NA	Electronic	16.10152	16.11177
EURZAR	02-07-18	15:32-17:30			16.13802	02-07-18 16:58	1000	Other	NA	Electronic	16.13902	16.14947
EURZAR	03-07-18	09:32-11:30			15.99587	03-07-18 10:04	6000	Other	NA	Electronic	15.98502	15.99587
EURZAR	03-07-18	11:32-13:30			15.97312	03-07-18 11:40	6000	Other	NA	Electronic	15.97312	15.98507
EURZAR	03-07-18	13:32-15:30			15.97512	03-07-18 13:46	10000	Other	NA	Electronic	15.97612	15.98697
EURZAR	03-07-18	15:32-17:30			15.94497	03-07-18 15:34	5000	Other	NA	Electronic	15.93372	15.94497
EURZAR	04-07-18	09:32-11:30			15.94367	04-07-18 09:47	1000	Other	NA	Electronic	15.93342	15.94367
EURZAR	04-07-18	11:32-13:30			15.96042	04-07-18 11:35	10000	Other	NA	Electronic	15.96042	15.97127
EURZAR	04-07-18	13:32-15:30			15.98777	04-07-18 14:19	1000	Other	NA	Electronic	15.97622	15.98777
EURZAR	04-07-18	15:32-17:30			15.97172	04-07-18 15:38	1000	Other	NA	Electronic	15.97172	15.98337

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EURZAR	05-07-18	09:32-11:30			16.01422	05-07-18 09:43	1000	Other	NA	Electronic	16.01422	16.02477
EURZAR	05-07-18	11:32-13:30			15.94237	05-07-18 11:32	3000	Other	NA	Electronic	15.93252	15.94247
EURZAR	05-07-18	13:32-15:30			15.87637	05-07-18 13:33	3000	Other	NA	Electronic	15.86612	15.87637
EURZAR	05-07-18	15:30-15:32	15.86272	7000								
EURZAR	06-07-18	09:30-09:32	15.90927	1000								
EURZAR	06-07-18	11:32-13:30			15.94562	06-07-18 11:38	1000	Other	NA	Electronic	15.94552	15.95587
EURZAR	06-07-18	13:32-15:30			15.86967	06-07-18 13:35	1000	Other	NA	Electronic	15.85942	15.86967
EURZAR	06-07-18	15:32-17:30			15.84977	06-07-18 15:33	2000	Other	NA	Electronic	15.83842	15.84977
EURZAR	09-07-18	09:30-09:32	15.79882	201000								
EURZAR	09-07-18	11:32-13:30			15.71992	09-07-18 11:40	1000	Other	NA	Electronic	15.71992	15.73027
EURZAR	09-07-18	13:32-15:30			15.75457	09-07-18 13:46	1000	Other	NA	Electronic	15.74212	15.75327
EURZAR	09-07-18	15:32-17:30			15.71947	09-07-18 15:33	1000	Other	NA	Electronic	15.70902	15.71947
EURZAR	10-07-18	09:32-11:30			15.81937	10-07-18 09:58	5000	Other	NA	Electronic	15.80852	15.81937
EURZAR	10-07-18	11:32-13:30			15.75082	10-07-18 11:32	1000	Other	NA	Electronic	15.75082	15.76167
EURZAR	10-07-18	13:30-13:32	15.6615	406000								

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EURZAR	10-07-18	15:30-15:32	15.65197	1000								
EURZAR	11-07-18	09:30-09:32	15.79347	2000								
EURZAR	11-07-18	11:32-13:30			15.76252	11-07-18 11:43	2000	Other	NA	Electronic	15.76252	15.77277
EURZAR	11-07-18	13:32-15:30			15.76112	11-07-18 13:39	10000	Other	NA	Electronic	15.76112	15.77127
EURZAR	11-07-18	15:32-17:30			15.83917	11-07-18 15:34	1000	Other	NA	Electronic	15.82752	15.83887
EURZAR	12-07-18	09:30-09:32	15.72652	4000								
EURZAR	12-07-18	11:30-11:32	15.66387	2000								
EURZAR	12-07-18	13:32-15:30			15.62102	12-07-18 13:50	8000	Other	NA	Electronic	15.62102	15.63127
EURZAR	12-07-18	15:32-17:30			15.53617	12-07-18 15:35	8000	Other	NA	Electronic	15.52572	15.53617
EURZAR	13-07-18	09:32-11:30			15.54777	13-07-18 09:37	1000	Other	NA	Electronic	15.53752	15.54777
EURZAR	13-07-18	11:32-13:30			15.52412	13-07-18 11:52	1000	Other	NA	Electronic	15.52412	15.53427
EURZAR	13-07-18	13:32-15:30			15.48742	13-07-18 13:36	1000	Other	NA	Electronic	15.48742	15.49817
EURZAR	13-07-18	15:32-17:30			15.49487	13-07-18 15:42	2000	Other	NA	Electronic	15.48442	15.49487
EURZAR	16-07-18	09:30-09:32	15.45392	3000								
EURZAR	16-07-18	11:32-13:30			15.46177	16-07-18 11:38	3000	Other	NA	Electronic	15.45112	15.46147

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EURZAR	16-07-18	13:32-15:30			15.5017	16-07-18 14:16	1000	Other	NA	Electronic	15.49002	15.50027
EURZAR	16-07-18	15:32-17:30			15.50042	16-07-18 15:47	60000	Other	NA	Electronic	15.50042	15.51087
EURZAR	17-07-18	09:32-11:30			15.53062	17-07-18 09:43	4000	Other	NA	Electronic	15.53062	15.54087
EURZAR	17-07-18	11:32-13:30			15.52977	17-07-18 11:37	4000	Other	NA	Electronic	15.51772	15.52977
EURZAR	17-07-18	13:32-15:30			15.47792	17-07-18 13:33	1000	Other	NA	Electronic	15.47792	15.48777
EURZAR	17-07-18	15:32-17:30			15.45477	17-07-18 15:36	30000	Other	NA	Electronic	15.44362	15.45477
EURZAR	18-07-18	09:32-11:30			15.49737	18-07-18 09:35	3000	Other	NA	Electronic	15.48742	15.49737
EURZAR	18-07-18	11:32-13:30			15.47827	18-07-18 11:45	1000	Other	NA	Electronic	15.46812	15.47827
EURZAR	18-07-18	13:32-15:30			15.49507	18-07-18 13:49	2000	Other	NA	Electronic	15.48458	15.49507
EURZAR	18-07-18	15:32-17:30			15.47092	18-07-18 15:48	2000	Other	NA	Electronic	15.47102	15.48227
EURZAR	19-07-18	09:30-09:32	15.58027	5000								
EURZAR	19-07-18	11:30-11:32	15.59247	8000								
EURZAR	19-07-18	13:32-15:30			15.63392	19-07-18 13:32	4000	Other	NA	Electronic	15.63392	15.64577
EURZAR	19-07-18	15:30-15:32	15.69492	2000								
EURZAR	20-07-18	09:32-11:30			15.69502	20-07-18 09:32	2000	Other	NA	Electronic	15.69502	15.70617



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EURZAR	20-07-18	11:32-13:30			15.72237	20-07-18 11:40	1000	Other	NA	Electronic	15.71132	15.72237
EURZAR	20-07-18	13:30-13:32	15.71927	111000								
EURZAR	20-07-18	15:32-17:30			15.73132	20-07-18 15:32	7000	Other	NA	Electronic	15.73132	15.74177
EURZAR	23-07-18	09:32-11:30			15.81922	23-07-18 09:35	1000	Other	NA	Electronic	15.81922	15.82957
EURZAR	23-07-18	11:32-13:30			15.83422	23-07-18 11:47	10000	Other	NA	Electronic	15.83422	15.84447
EURZAR	23-07-18	13:32-15:30			15.82912	23-07-18 13:48	44000	Other	NA	Electronic	15.82912	15.84057
EURZAR	23-07-18	15:32-17:30			15.82572	23-07-18 15:45	10000	Other	NA	Electronic	15.82572	15.83627
EURZAR	24-07-18	09:32-11:30			15.69857	24-07-18 10:11	2000	Other	NA	Electronic	15.68882	15.69907
EURZAR	24-07-18	11:32-13:30			15.58792	24-07-18 11:35	1000	Other	NA	Electronic	15.58792	15.59907
EURZAR	24-07-18	13:32-15:30			15.57132	24-07-18 14:06	3000	Other	NA	Electronic	15.57132	15.58157
EURZAR	24-07-18	15:32-17:30			15.58132	24-07-18 15:55	2000	Other	NA	Electronic	15.58142	15.59187
EURZAR	25-07-18	09:32-11:30			15.47892	25-07-18 10:04	20000	Other	NA	Electronic	15.47892	15.48937
EURZAR	25-07-18	11:32-13:30			15.45517	25-07-18 12:43	1000	Other	NA	Electronic	15.44482	15.45527
EURZAR	25-07-18	13:32-15:30			15.42097	25-07-18 13:44	50000	Other	NA	Electronic	15.40982	15.42097
EURZAR	25-07-18	15:32-17:30			15.42017	25-07-18 15:37	100000	Other	NA	Electronic	15.40942	15.42017

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EURZAR	26-07-18	09:32-11:30			15.44602	26-07-18 09:39	2000	Other	NA	Electronic	15.44602	15.45597
EURZAR	26-07-18	11:32-13:30			15.45662	26-07-18 11:32	6000	Other	NA	Electronic	15.45662	15.46707
EURZAR	26-07-18	13:32-15:30			15.42347	26-07-18 13:46	3000	Other	NA	Electronic	15.41282	15.42327
EURZAR	26-07-18	15:32-17:30			15.40822	26-07-18 15:48	30000	Other	NA	Electronic	15.40822	15.41897
EURZAR	27-07-18	09:32-11:30			15.44817	27-07-18 10:13	1000	Other	NA	Electronic	15.43762	15.44807
EURZAR	27-07-18	11:32-13:30			15.40647	27-07-18 12:05	1000	Other	NA	Electronic	15.39612	15.40647
EURZAR	27-07-18	13:32-15:30			15.37877	27-07-18 14:02	1000	Other	NA	Electronic	15.36842	15.37877
EURZAR	27-07-18	15:30-15:32	15.35122	100000								
EURZAR	30-07-18	11:32-13:30			15.39402	30-07-18 12:51	1000	Other	NA	Electronic	15.39402	15.40437
EURZAR	30-07-18	13:32-15:30			15.38292	30-07-18 14:14	1000	Other	NA	Electronic	15.38302	15.39347
EURZAR	30-07-18	15:32-17:30			15.43037	30-07-18 16:14	5000	Other	NA	Electronic	15.41962	15.43037
EURZAR	31-07-18	09:32-11:30			15.39052	31-07-18 11:25	4000	Other	NA	Electronic	15.39052	15.40097
EURZAR	31-07-18	11:32-13:30			15.38317	31-07-18 11:46	3000	Other	NA	Electronic	15.37262	15.38307
EURZAR	31-07-18	13:32-15:30			15.3521	31-07-18 14:53	1000	Other	NA	Electronic	15.3416	15.3521
EURZAR	31-07-18	15:32-17:30			15.3504	31-07-18 15:33	1000	Other	NA	Electronic	15.3394	15.3504

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EURZAR	01-08-18	09:32-11:30			15.4935	01-08-18 10:27	25000	Other	NA	Electronic	15.4935	15.504
EURZAR	01-08-18	11:32-13:30			15.5121	01-08-18 11:49	5000	Other	NA	Electronic	15.5121	15.5226
EURZAR	01-08-18	13:32-15:30			15.441	01-08-18 13:45	10000	Other	NA	Electronic	15.4306	15.441
EURZAR	01-08-18	15:32-17:30			15.4117	01-08-18 15:48	20000	Other	NA	Electronic	15.4009	15.4117
EURZAR	02-08-18	09:30-09:32	15.5971	5000								
EURZAR	02-08-18	11:32-13:30			15.6048	02-08-18 11:40	1000	Other	NA	Electronic	15.6048	15.6152
EURZAR	02-08-18	13:32-15:30			15.5737	02-08-18 14:15	1000	Other	NA	Electronic	15.5633	15.5737
EURZAR	03-08-18	09:32-11:30			15.5675	03-08-18 09:34	3000	Other	NA	Electronic	15.5675	15.579
EURZAR	03-08-18	11:30-11:32	15.46555	6000								
EURZAR	03-08-18	13:32-15:30			15.4834	03-08-18 13:34	34000	Other	NA	Electronic	15.473	15.4834
EURZAR	03-08-18	15:32-17:30			15.4019	03-08-18 15:41	3000	Other	NA	Electronic	15.3894	15.4019
EURZAR	06-08-18	09:32-11:30			15.4936	06-08-18 09:34	2000	Other	NA	Electronic	15.4832	15.4936
EURZAR	06-08-18	11:32-13:30			15.5185	06-08-18 12:37	3000	Other	NA	Electronic	15.5081	15.5185
EURZAR	06-08-18	13:32-15:30			15.5349	06-08-18 13:52	3000	Other	NA	Electronic	15.5349	15.5461
EURZAR	07-08-18	11:32-13:30			15.4434	07-08-18 11:45	1000	Other	NA	Electronic	15.4434	15.4538

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EURZAR	07-08-18	13:32-15:30			15.4252	07-08-18 13:40	1000	Other	NA	Electronic	15.4142	15.4252
EURZAR	07-08-18	15:32-17:30			15.4432	07-08-18 15:53	21000	Other	NA	Electronic	15.4432	15.455
EURZAR	08-08-18	09:30-09:32	15.5115	20000								
EURZAR	08-08-18	11:32-13:30			15.5815	08-08-18 11:51	1000	Other	NA	Electronic	15.5815	15.5929
EURZAR	08-08-18	13:32-15:30			15.5682	08-08-18 13:49	30000	Other	NA	Electronic	15.5579	15.5683
EURZAR	09-08-18	09:32-11:30			15.6332	09-08-18 10:04	1000	Other	NA	Electronic	15.6332	15.6437
EURZAR	09-08-18	11:32-13:30			15.6478	09-08-18 13:01	2000	Other	NA	Electronic	15.6478	15.6583
EURZAR	09-08-18	13:32-15:30			15.6964	09-08-18 13:36	3000	Other	NA	Electronic	15.686	15.6964
EURZAR	09-08-18	15:32-17:30			15.8136	09-08-18 15:57	3000	Other	NA	Electronic	15.8136	15.8243
EURZAR	10-08-18	11:32-13:30			15.9216	10-08-18 11:44	5000	Other	NA	Electronic	15.9112	15.9216
EURZAR	10-08-18	13:32-15:30			16.1187	10-08-18 13:45	3000	Other	NA	Electronic	16.1187	16.17176
EURZAR	10-08-18	15:32-17:30			16.0477	10-08-18 15:52	2000	Other	NA	Electronic	16.0477	16.0617
EURZAR	13-08-18	09:32-11:30			16.4695	13-08-18 09:54	1000	Other	NA	Electronic	16.4568	16.4695
EURZAR	13-08-18	11:32-13:30			16.5124	13-08-18 11:53	1000	Other	NA	Electronic	16.4935	16.5124
EURZAR	13-08-18	13:32-15:30			16.3206	13-08-18 13:36	11000	Other	NA	Electronic	16.3206	16.3334

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURZAR	13-08-18	15:32-17:30			16.364	13-08-18 15:36	2000	Other	NA	Electronic	16.3641	16.3789
EURZAR	14-08-18	09:32-11:30			16.0325	14-08-18 09:49	2000	Other	NA	Electronic	16.0198	16.0325
EURZAR	14-08-18	11:32-13:30			16.1402	14-08-18 11:56	1000	Other	NA	Electronic	16.1402	16.1536
EURZAR	14-08-18	13:30-13:32	16.1243	5000								
EURZAR	14-08-18	15:32-17:30			16.1478	14-08-18 15:47	15000	Other	NA	Electronic	16.1478	16.1593
EURZAR	15-08-18	09:32-11:30			16.3911	15-08-18 10:04	15000	Other	NA	Electronic	16.3769	16.3911
EURZAR	15-08-18	11:32-13:30			16.6591	15-08-18 11:32	2000	Other	NA	Electronic	16.6585	16.6745
EURZAR	15-08-18	13:32-15:30			16.5841	15-08-18 13:45	3000	Other	NA	Electronic	16.5701	16.5841
EURZAR	15-08-18	15:32-17:30			16.534	15-08-18 16:07	2000	Other	NA	Electronic	16.5226	16.534
EURZAR	16-08-18	09:32-11:30			16.469	16-08-18 09:39	3000	Other	NA	Electronic	16.469	16.4829
EURZAR	16-08-18	11:32-13:30			16.5704	16-08-18 12:18	1000	Other	NA	Electronic	16.5704	16.5831
EURZAR	16-08-18	15:32-17:30			16.5634	16-08-18 16:14	12000	Other	NA	Electronic	16.5634	16.5751
EURZAR	17-08-18	09:30-09:32	16.9931	3000								
EURZAR	17-08-18	11:32-13:30			17.0022	17-08-18 12:10	5000	Other	NA	Electronic	16.9837	17.0022
EURZAR	17-08-18	13:32-15:30			16.9371	17-08-18 13:33	1000	Other	NA	Electronic	16.9371	16.9498

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EURZAR	17-08-18	15:32-17:30			16.8698	17-08-18 15:42	6000	Other	NA	Electronic	16.8698	16.8806
EURZAR	20-08-18	09:32-11:30			16.5938	20-08-18 09:36	1000	Other	NA	Electronic	16.5805	16.5938
EURZAR	20-08-18	11:32-13:30			16.6054	20-08-18 11:33	1000	Other	NA	Electronic	16.6054	16.6182
EURZAR	20-08-18	13:32-15:30			16.6797	20-08-18 13:48	1000	Other	NA	Electronic	16.6797	16.6924
EURZAR	20-08-18	15:32-17:30			16.7171	20-08-18 15:59	9000	Other	NA	Electronic	16.7173	16.7298
EURZAR	21-08-18	09:32-11:30			16.6485	21-08-18 10:11	100000	Other	NA	Electronic	16.59817	16.6485
EURZAR	21-08-18	11:32-13:30			16.6355	21-08-18 12:40	50000	Other	NA	Electronic	16.6227	16.6355
EURZAR	21-08-18	13:32-15:30			16.5927	21-08-18 13:38	50000	Other	NA	Electronic	16.5927	16.6055
EURZAR	21-08-18	15:32-17:30			16.5558	21-08-18 15:45	50000	Other	NA	Electronic	16.5558	16.5666
EURZAR	22-08-18	09:32-11:30			16.604	22-08-18 10:29	2000	Other	NA	Electronic	16.604	16.6168
EURZAR	22-08-18	11:32-13:30			16.5687	22-08-18 12:11	1000	Other	NA	Electronic	16.5687	16.5853
EURZAR	22-08-18	13:32-15:30			16.5763	22-08-18 14:52	50000	Other	NA	Electronic	16.5764	16.5909
EURZAR	22-08-18	15:32-17:30			16.4993	22-08-18 15:41	1000	Other	NA	Electronic	16.4875	16.4993
EURZAR	23-08-18	09:32-11:30			16.5106	23-08-18 09:43	1000	Other	NA	Electronic	16.4812	16.53286
EURZAR	23-08-18	11:32-13:30			16.4668	23-08-18 11:46	1000	Other	NA	Electronic	16.4668	16.4794

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EURZAR	23-08-18	13:32-15:30			16.5291	23-08-18 14:03	2000	Other	NA	Electronic	16.5166	16.5291
EURZAR	23-08-18	15:32-17:30			16.5678	23-08-18 16:06	10000	Other	NA	Electronic	16.5678	16.5817
EURZAR	24-08-18	09:32-11:30			16.5619	24-08-18 09:53	2000	Other	NA	Electronic	16.5495	16.562
EURZAR	24-08-18	11:32-13:30			16.5126	24-08-18 11:35	10000	Other	NA	Electronic	16.5	16.5126
EURZAR	24-08-18	13:30-13:32	16.5304	1000								
EURZAR	24-08-18	15:32-17:30			16.6204	24-08-18 15:37	1000	Other	NA	Electronic	16.6204	16.6343
EURZAR	27-08-18	09:32-11:30			16.6258	27-08-18 10:41	4000	Other	NA	Electronic	16.6258	16.6387
EURZAR	27-08-18	11:32-13:30			16.6496	27-08-18 11:35	11000	Other	NA	Electronic	16.6496	16.6621
EURZAR	27-08-18	13:32-15:30			16.5716	27-08-18 14:00	50000	Other	NA	Electronic	16.5591	16.5716
EURZAR	27-08-18	15:32-17:30			16.5287	27-08-18 17:14	1000	Other	NA	Electronic	16.5138	16.5287
EURZAR	28-08-18	09:32-11:30			16.5701	28-08-18 09:47	1000	Other	NA	Electronic	16.5576	16.5701
EURZAR	28-08-18	11:32-13:30			16.5663	28-08-18 11:54	2000	Other	NA	Electronic	16.5538	16.5663
EURZAR	28-08-18	13:32-15:30			16.41642	28-08-18 13:54	1000	Other	NA	Electronic	16.39834	16.41642
EURZAR	28-08-18	15:32-17:30			16.5935	28-08-18 16:20	10000	Other	NA	Electronic	16.5935	16.6075
EURZAR	29-08-18	09:32-11:30			16.7808	29-08-18 10:09	1000	Other	NA	Electronic	16.7667	16.7808

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EURZAR	29-08-18	11:32-13:30			16.818	29-08-18 12:19	6000	Other	NA	Electronic	16.818	16.8324
EURZAR	29-08-18	13:32-15:30			16.8851	29-08-18 13:46	50000	Other	NA	Electronic	16.8851	16.8976
EURZAR	29-08-18	15:32-17:30			16.8395	29-08-18 15:32	1000	Other	NA	Electronic	16.8395	16.8534
EURZAR	30-08-18	09:32-11:30			17.0422	30-08-18 09:44	1000	Other	NA	Electronic	17.0422	17.0552
EURZAR	30-08-18	11:32-13:30			17.0701	30-08-18 12:55	1000	Other	NA	Electronic	17.0701	17.0826
EURZAR	30-08-18	13:32-15:30			17.0966	30-08-18 13:58	5000	Other	NA	Electronic	17.0825	17.0966
EURZAR	30-08-18	15:30-15:32	17.1976	100000								
EURZAR	31-08-18	09:32-11:30			17.1264	31-08-18 09:34	50000	Other	NA	Electronic	17.1264	17.139
EURZAR	31-08-18	11:32-13:30			17.1495	31-08-18 13:08	50000	Other	NA	Electronic	17.1367	17.1495
EURZAR	31-08-18	13:30-13:32	17.1535	50000								
EURZAR	31-08-18	15:32-17:30			17.0567	31-08-18 16:10	1000	Other	NA	Electronic	17.0428	17.0567
EURZAR	03-09-18	09:32-11:30			17.2005	03-09-18 09:45	2000	Other	NA	Electronic	17.2005	17.2136
EURZAR	03-09-18	11:32-13:30			17.2498	03-09-18 11:53	2000	Other	NA	Electronic	17.2367	17.2498
EURZAR	03-09-18	13:32-15:30			17.2951	03-09-18 13:35	3000	Other	NA	Electronic	17.2951	17.313
EURZAR	04-09-18	09:30-09:32	17.5012	5000								



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURZAR	04-09-18	11:32-13:30			17.5627	04-09-18 12:10	1000	Other	NA	Electronic	17.5627	17.5744
EURZAR	04-09-18	13:30-13:32	17.70285	4000								
EURZAR	04-09-18	15:32-17:30			17.6675	04-09-18 15:42	1000	Other	NA	Electronic	17.6544	17.6675
EURZAR	05-09-18	09:30-09:32	18.0079	10000								
EURZAR	05-09-18	11:32-13:30			17.9701	05-09-18 11:51	1000	Other	NA	Electronic	17.9701	17.9832
EURZAR	05-09-18	13:32-15:30			17.9543	05-09-18 13:48	1000	Other	NA	Electronic	17.9543	17.966
EURZAR	05-09-18	15:32-17:30			18.01	05-09-18 15:50	5000	Other	NA	Electronic	18.01	18.0235
EURZAR	06-09-18	09:32-11:30			17.8368	06-09-18 09:40	6000	Other	NA	Electronic	17.8368	17.8492
EURZAR	06-09-18	11:32-13:30			17.813	06-09-18 11:45	4000	Other	NA	Electronic	17.813	17.8252
EURZAR	06-09-18	13:32-15:30			17.8838	06-09-18 13:47	1000	Other	NA	Electronic	17.8721	17.8838
EURZAR	06-09-18	15:30-15:32	17.803	5000								
EURZAR	07-09-18	09:32-11:30			17.6126	07-09-18 09:38	30000	Other	NA	Electronic	17.6126	17.6244
EURZAR	07-09-18	11:32-13:30			17.5768	07-09-18 11:55	1000	Other	NA	Electronic	17.5651	17.5768
EURZAR	07-09-18	13:30-13:32	17.51157	10000								
EURZAR	07-09-18	15:32-17:30			17.5324	07-09-18 15:56	6000	Other	NA	Electronic	17.5194	17.5324

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EURZAR	10-09-18	09:32-11:30			17.5814	10-09-18 10:06	1000	Other	NA	Electronic	17.5697	17.5814
EURZAR	10-09-18	11:32-13:30			17.5868	10-09-18 12:26	1000	Other	NA	Electronic	17.5749	17.5868
EURZAR	10-09-18	13:32-15:30			17.6529	10-09-18 14:23	1000	Other	NA	Electronic	17.6411	17.6529
EURZAR	10-09-18	15:32-17:30			17.6375	10-09-18 15:57	1000	Other	NA	Electronic	17.6375	17.6538
EURZAR	11-09-18	09:32-11:30			17.5088	11-09-18 10:32	50000	Other	NA	Electronic	17.4971	17.5088
EURZAR	11-09-18	11:32-13:30			17.4846	11-09-18 12:35	50000	Other	NA	Electronic	17.4729	17.4846
EURZAR	11-09-18	13:32-15:30			17.5763	11-09-18 13:32	1000	Other	NA	Electronic	17.5632	17.5763
EURZAR	11-09-18	15:32-17:30			17.5684	11-09-18 15:48	10000	Other	NA	Electronic	17.5549	17.5684
EURZAR	12-09-18	09:32-11:30			17.4594	12-09-18 09:49	3000	Other	NA	Electronic	17.4477	17.4594
EURZAR	12-09-18	11:32-13:30			17.4514	12-09-18 11:40	1000	Other	NA	Electronic	17.4392	17.4514
EURZAR	12-09-18	13:32-15:30			17.45546	12-09-18 13:47	2000	Other	NA	Electronic	17.4397	17.45546
EURZAR	12-09-18	15:30-15:32	17.4028	1000								
EURZAR	13-09-18	09:32-11:30			17.2787	13-09-18 09:37	1000	Other	NA	Electronic	17.2669	17.2787
EURZAR	13-09-18	11:30-11:32	17.15717	8000								
EURZAR	13-09-18	13:32-15:30			17.1189	13-09-18 13:42	3000	Other	NA	Electronic	17.1189	17.1319

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EURZAR	13-09-18	15:32-17:30			17.253	13-09-18 15:33	1000	Other	NA	Electronic	17.253	17.2659
EURZAR	14-09-18	09:32-11:30			17.3401	14-09-18 09:58	3000	Other	NA	Electronic	17.3284	17.3401
EURZAR	14-09-18	11:32-13:30			17.3484	14-09-18 11:50	1000	Other	NA	Electronic	17.3366	17.3484
EURZAR	14-09-18	13:32-15:30			17.3786	14-09-18 14:09	1000	Other	NA	Electronic	17.3786	17.3911
EURZAR	14-09-18	15:30-15:32	17.346	1000								
EURZAR	17-09-18	09:32-11:30			17.4629	17-09-18 09:36	10000	Other	NA	Electronic	17.4629	17.4784
EURZAR	17-09-18	11:32-13:30			17.4849	17-09-18 12:02	20000	Other	NA	Electronic	17.4732	17.4849
EURZAR	17-09-18	13:32-15:30			17.432	17-09-18 13:34	1000	Other	NA	Electronic	17.432	17.4471
EURZAR	17-09-18	15:32-17:30			17.4289	17-09-18 16:12	1000	Other	NA	Electronic	17.4289	17.4419
EURZAR	18-09-18	09:32-11:30			17.4448	18-09-18 10:02	1000	Other	NA	Electronic	17.4448	17.4565
EURZAR	18-09-18	11:32-13:30			17.4731	18-09-18 11:41	50000	Other	NA	Electronic	17.4731	17.4852
EURZAR	18-09-18	13:32-15:30			17.363	18-09-18 13:44	50000	Other	NA	Electronic	17.3512	17.363
EURZAR	18-09-18	15:32-17:30			17.3519	18-09-18 15:32	1000	Other	NA	Electronic	17.3389	17.3519
EURZAR	19-09-18	09:30-09:32	17.2426	1000								
EURZAR	19-09-18	11:32-13:30			17.1022	19-09-18 11:50	50000	Other	NA	Electronic	17.0903	17.1022

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EURZAR	19-09-18	13:32-15:30			17.1044	19-09-18 13:44	1000	Other	NA	Electronic	17.0922	17.1044
EURZAR	19-09-18	15:32-17:30			17.1167	19-09-18 16:34	2000	Other	NA	Electronic	17.1037	17.1167
EURZAR	20-09-18	09:32-11:30			16.9187	20-09-18 09:32	2000	Other	NA	Electronic	16.9187	16.9306
EURZAR	20-09-18	11:32-13:30			17.0005	20-09-18 11:47	1000	Other	NA	Electronic	17.0005	17.0123
EURZAR	20-09-18	13:32-15:30			16.9773	20-09-18 14:45	1000	Other	NA	Electronic	16.9773	16.9895
EURZAR	20-09-18	15:32-17:30			16.9297	20-09-18 15:50	1000	Other	NA	Electronic	16.9167	16.9297
EURZAR	21-09-18	09:32-11:30			16.7936	21-09-18 09:41	10000	Other	NA	Electronic	16.7818	16.7936
EURZAR	21-09-18	11:32-13:30			16.9044	21-09-18 12:00	1000	Other	NA	Electronic	16.9044	16.9161
EURZAR	21-09-18	13:32-15:30			16.9187	21-09-18 13:33	1000	Other	NA	Electronic	16.9187	16.9305
EURZAR	21-09-18	15:32-17:30			16.8271	21-09-18 15:35	5000	Other	NA	Electronic	16.8271	16.8401
EURZAR	24-09-18	09:32-11:30			16.7907	24-09-18 09:49	3000	Other	NA	Electronic	16.7907	16.8016
EURZAR	24-09-18	11:32-13:30			16.7443	24-09-18 11:47	1000	Other	NA	Electronic	16.7443	16.7559
EURZAR	24-09-18	13:32-15:30			16.7749	24-09-18 13:35	5000	Other	NA	Electronic	16.7749	16.7859
EURZAR	24-09-18	15:30-15:32	16.774	5000								
EURZAR	25-09-18	09:32-11:30			16.9036	25-09-18 10:06	3000	Other	NA	Electronic	16.8922	16.9036

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EURZAR	25-09-18	11:32-13:30			16.913	25-09-18 11:35	3000	Other	NA	Electronic	16.913	16.924
EURZAR	25-09-18	13:32-15:30			17.011	25-09-18 13:35	1000	Other	NA	Electronic	16.9983	17.011
EURZAR	25-09-18	15:32-17:30			16.9241	25-09-18 16:03	1000	Other	NA	Electronic	16.9241	16.937
EURZAR	26-09-18	09:32-11:30			16.8082	26-09-18 09:38	40000	Other	NA	Electronic	16.8082	16.8211
EURZAR	26-09-18	11:32-13:30			16.7999	26-09-18 11:41	3000	Other	NA	Electronic	16.789	16.7999
EURZAR	26-09-18	13:32-15:30			16.7615	26-09-18 13:34	40000	Other	NA	Electronic	16.7495	16.7615
EURZAR	26-09-18	15:32-17:30			16.6889	26-09-18 15:42	5000	Other	NA	Electronic	16.6765	16.6892
EURZAR	27-09-18	09:32-11:30			16.5993	27-09-18 09:39	30000	Other	NA	Electronic	16.5993	16.6113
EURZAR	27-09-18	11:32-13:30			16.52	27-09-18 11:33	2000	Other	NA	Electronic	16.5091	16.52
EURZAR	27-09-18	13:32-15:30			16.5007	27-09-18 13:32	4000	Other	NA	Electronic	16.5007	16.5126
EURZAR	27-09-18	15:32-17:30			16.4168	27-09-18 15:35	5000	Other	NA	Electronic	16.4051	16.4168
EURZAR	28-09-18	09:30-09:32	16.47162	8000								
EURZAR	28-09-18	11:32-13:30			16.4677	28-09-18 11:38	1000	Other	NA	Electronic	16.4568	16.4677
EURZAR	28-09-18	13:32-15:30			16.3907	28-09-18 13:35	5000	Other	NA	Electronic	16.3798	16.3907
EURZAR	28-09-18	15:32-17:30			16.4446	28-09-18 15:56	2000	Other	NA	Electronic	16.4446	16.4563

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EURZAR.	02-07-18	11:32-13:30			16.1329	02-07-18 13:25	1000	Other	NA	Electronic	16.1329	16.1407
EURZAR.	02-07-18	13:32-15:30			16.1031	02-07-18 13:52	100000	Other	NA	Electronic	16.1031	16.11
EURZAR.	02-07-18	15:32-17:30			16.1328	02-07-18 16:17	1000	Other	NA	Electronic	16.1328	16.1398
EURZAR.	03-07-18	09:32-11:30			15.997	03-07-18 10:17	10000	Other	NA	Electronic	15.9889	15.997
EURZAR.	03-07-18	13:32-15:30			15.9503	03-07-18 15:26	50000	Other	NA	Electronic	15.9425	15.9503
EURZAR.	03-07-18	15:30-15:32	15.9487	50000								
EURZAR.	04-07-18	09:32-11:30			15.9637	04-07-18 10:30	1000	Other	NA	Electronic	15.9637	15.9715
EURZAR.	04-07-18	11:32-13:30			15.9217	04-07-18 12:58	1000	Other	NA	Electronic	15.9148	15.9217
EURZAR.	05-07-18	11:32-13:30			15.914	05-07-18 12:01	3000	Other	NA	Electronic	15.914	15.9205
EURZAR.	10-07-18	13:32-15:30			15.6411	10-07-18 15:19	100000	Other	NA	Electronic	15.6411	15.6489
EURZAR.	11-07-18	09:32-11:30			15.797	11-07-18 11:09	1000	Other	NA	Electronic	15.797	15.8039
EURZAR.	11-07-18	11:32-13:30			15.7652	11-07-18 12:41	3000	Other	NA	Electronic	15.7583	15.7652
EURZAR.	12-07-18	09:32-11:30			15.6852	12-07-18 11:26	1000	Other	NA	Electronic	15.6783	15.6852
EURZAR.	12-07-18	11:32-13:30			15.643	12-07-18 12:08	2000	Other	NA	Electronic	15.643	15.6499
EURZAR.	12-07-18	13:32-15:30			15.6177	12-07-18 13:53	1000	Other	NA	Electronic	15.6177	15.6246

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EURZAR.	12-07-18	15:32-17:30			15.5206	12-07-18 15:43	1000	Other	NA	Electronic	15.5206	15.5277
EURZAR.	13-07-18	11:32-13:30			15.4797	13-07-18 12:31	1000	Other	NA	Electronic	15.4713	15.4797
EURZAR.	13-07-18	13:32-15:30			15.52	13-07-18 13:57	5000	Other	NA	Electronic	15.5128	15.52
EURZAR.	13-07-18	15:30-15:32	15.4772	50000								
EURZAR.	16-07-18	09:32-11:30			15.4454	16-07-18 09:45	200000	Other	NA	Electronic	15.4386	15.4454
EURZAR.	16-07-18	11:32-13:30			15.4349	16-07-18 12:57	1000	Other	NA	Electronic	15.4262	15.4349
EURZAR.	16-07-18	13:32-15:30			15.4452	16-07-18 13:36	1000	Other	NA	Electronic	15.4452	15.4517
EURZAR.	17-07-18	09:32-11:30			15.552	17-07-18 10:00	40000	Other	NA	Electronic	15.552	15.5589
EURZAR.	17-07-18	11:32-13:30			15.5014	17-07-18 12:42	1000	Other	NA	Electronic	15.5011	15.5085
EURZAR.	17-07-18	13:32-15:30			15.4287	17-07-18 15:10	1000	Other	NA	Electronic	15.4219	15.429
EURZAR.	17-07-18	15:32-17:30			15.4522	17-07-18 15:49	100000	Other	NA	Electronic	15.4445	15.4522
EURZAR.	18-07-18	09:32-11:30			15.4832	18-07-18 10:16	1000	Other	NA	Electronic	15.4763	15.4832
EURZAR.	18-07-18	11:32-13:30			15.4822	18-07-18 13:22	1000	Other	NA	Electronic	15.4822	15.4899
EURZAR.	18-07-18	13:32-15:30			15.4959	18-07-18 13:50	1000	Other	NA	Electronic	15.4886	15.4959
EURZAR.	18-07-18	15:32-17:30			15.4186	18-07-18 16:16	1000	Other	NA	Electronic	15.4115	15.4186

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EURZAR.	19-07-18	09:30-09:32	15.598	11000								
EURZAR.	19-07-18	11:32-13:30			15.5993	19-07-18 12:02	3000	Other	NA	Electronic	15.5913	15.5993
EURZAR.	19-07-18	15:32-17:30			15.7102	19-07-18 15:35	10000	Other	NA	Electronic	15.7031	15.7102
EURZAR.	20-07-18	09:32-11:30			15.6983	20-07-18 09:59	1000	Other	NA	Electronic	15.69076	15.6985
EURZAR.	20-07-18	11:32-13:30			15.7005	20-07-18 12:42	1000	Other	NA	Electronic	15.7006	15.7071
EURZAR.	23-07-18	11:32-13:30			15.8906	23-07-18 13:07	1000	Other	NA	Electronic	15.8819	15.8906
EURZAR.	24-07-18	09:32-11:30			15.6604	24-07-18 10:41	5000	Other	NA	Electronic	15.6527	15.6604
EURZAR.	24-07-18	11:32-13:30			15.5887	24-07-18 11:35	1000	Other	NA	Electronic	15.5801	15.5887
EURZAR.	24-07-18	13:32-15:30			15.5683	24-07-18 14:38	1000	Other	NA	Electronic	15.5606	15.5684
EURZAR.	24-07-18	15:32-17:30			15.5467	24-07-18 16:05	1000	Other	NA	Electronic	15.5392	15.5467
EURZAR.	25-07-18	09:32-11:30			15.48	25-07-18 09:53	1000	Other	NA	Electronic	15.48	15.4878
EURZAR.	25-07-18	11:32-13:30			15.4543	25-07-18 11:54	1000	Other	NA	Electronic	15.4472	15.4543
EURZAR.	25-07-18	13:30-13:32	15.406	1000								
EURZAR.	25-07-18	15:32-17:30			15.3923	25-07-18 15:44	1000	Other	NA	Electronic	15.3846	15.3929
EURZAR.	26-07-18	15:32-17:30			15.414	26-07-18 16:56	3000	Other	NA	Electronic	15.4067	15.414



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EURZAR.	27-07-18	13:32-15:30			15.3433	27-07-18 14:06	1000	Other	NA	Electronic	15.33211	15.3459
EURZAR.	31-07-18	13:32-15:30			15.32612	31-07-18 14:57	1000	Other	NA	Electronic	15.31937	15.32642
EURZAR.	01-08-18	09:32-11:30			15.54357	01-08-18 09:34	1000	Other	NA	Electronic	15.54357	15.55072
EURZAR.	01-08-18	11:32-13:30			15.49827	01-08-18 11:38	1000	Other	NA	Electronic	15.49827	15.50532
EURZAR.	01-08-18	13:32-15:30			15.39362	01-08-18 14:50	1000	Other	NA	Electronic	15.38557	15.39362
EURZAR.	01-08-18	15:32-17:30			15.40047	01-08-18 15:43	1000	Other	NA	Electronic	15.40047	15.40792
EURZAR.	02-08-18	09:30-09:32	15.61087	1000								
EURZAR.	02-08-18	11:32-13:30			15.57477	02-08-18 12:35	1000	Other	NA	Electronic	15.57477	15.58282
EURZAR.	02-08-18	13:32-15:30			15.55622	02-08-18 13:41	1000	Other	NA	Electronic	15.54917	15.55622
EURZAR.	03-08-18	09:32-11:30			15.45749	03-08-18 11:22	1000	Other	NA	Electronic	15.47207	15.48282
EURZAR.	03-08-18	11:32-13:30			15.43922	03-08-18 12:32	1000	Other	NA	Electronic	15.42697	15.43922
EURZAR.	03-08-18	13:32-15:30			15.42222	03-08-18 14:27	1000	Other	NA	Electronic	15.41427	15.42222
EURZAR.	03-08-18	15:32-17:30			15.39802	03-08-18 15:41	1000	Other	NA	Electronic	15.39037	15.39802
EURZAR.	09-08-18	13:32-15:30			15.75037	09-08-18 15:14	1000	Other	NA	Electronic	15.75037	15.75772
EURZAR.	13-08-18	11:32-13:30			16.29192	13-08-18 12:35	4000	Other	NA	Electronic	16.27907	16.29192

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EURZAR.	13-08-18	15:32-17:30			16.40067	13-08-18 16:01	1000	Other	NA	Electronic	16.40067	16.41412
EURZAR.	15-08-18	09:32-11:30			16.39457	15-08-18 10:06	1000	Other	NA	Electronic	16.39457	16.40692
EURZAR.	15-08-18	11:32-13:30			16.56012	15-08-18 12:16	1000	Other	NA	Electronic	16.54927	16.56012
EURZAR.	15-08-18	13:32-15:30			16.60047	15-08-18 13:47	1000	Other	NA	Electronic	16.60047	16.61712
EURZAR.	16-08-18	15:32-17:30			16.68277	16-08-18 16:39	1000	Other	NA	Electronic	16.67737	16.69292
EURZAR.	17-08-18	09:32-11:30			16.94592	17-08-18 10:28	1000	Other	NA	Electronic	16.93137	16.94592
EURZAR.	17-08-18	11:32-13:30			16.98587	17-08-18 12:07	1000	Other	NA	Electronic	16.98587	17.00292
EURZAR.	20-08-18	13:32-15:30			16.71242	20-08-18 14:01	1000	Other	NA	Electronic	16.70147	16.71242
EURZAR.	22-08-18	09:32-11:30			16.63097	22-08-18 10:05	1000	Other	NA	Electronic	16.63097	16.64362
EURZAR.	22-08-18	11:32-13:30			16.59652	22-08-18 12:01	1000	Other	NA	Electronic	16.58497	16.59652
EURZAR.	22-08-18	15:32-17:30			16.45367	22-08-18 16:46	1000	Other	NA	Electronic	16.45367	16.46532
EURZAR.	23-08-18	09:32-11:30			16.49117	23-08-18 10:53	1000	Other	NA	Electronic	16.49117	16.50332
EURZAR.	29-08-18	13:32-15:30			16.92787	29-08-18 14:00	1000	Other	NA	Electronic	16.92787	16.93762
EURZAR.	30-08-18	11:32-13:30			17.00162	30-08-18 12:13	1000	Other	NA	Electronic	16.99237	17.00162
EURZAR.	30-08-18	13:32-15:30			17.16177	30-08-18 14:47	1000	Other	NA	Electronic	17.16177	17.17402

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EURZAR.	30-08-18	15:30-15:32	17.17787	2000								
EURZAR.	03-09-18	09:32-11:30			17.17612	03-09-18 09:37	1000	Other	NA	Electronic	17.16777	17.17612
EURZAR.	03-09-18	11:32-13:30			17.25677	03-09-18 11:59	1000	Other	NA	Electronic	17.25357	17.26322
EURZAR.	03-09-18	13:32-15:30			17.32857	03-09-18 14:19	1000	Other	NA	Electronic	17.32857	17.34102
EURZAR.	03-09-18	15:32-17:30			17.25432	03-09-18 15:35	1000	Other	NA	Electronic	17.24457	17.25432
EURZAR.	04-09-18	09:30-09:32	17.44013	6000								
EURZAR.	04-09-18	11:32-13:30			17.66937	04-09-18 13:26	1000	Other	NA	Electronic	17.66937	17.67902
EURZAR.	04-09-18	13:32-15:30			17.66532	04-09-18 14:17	1000	Other	NA	Electronic	17.65627	17.66532
EURZAR.	04-09-18	15:32-17:30			17.70687	04-09-18 15:59	1000	Other	NA	Electronic	17.70687	17.71822
EURZAR.	06-09-18	09:32-11:30			17.79522	06-09-18 11:22	1000	Other	NA	Electronic	17.78687	17.79522
EURZAR.	06-09-18	13:32-15:30			17.91127	06-09-18 14:49	1000	Other	NA	Electronic	17.90887	17.92102
EURZAR.	14-09-18	09:32-11:30			17.34237	14-09-18 10:04	1000	Other	NA	Electronic	17.34237	17.35282
EURZAR.	17-09-18	09:32-11:30			17.49182	17-09-18 09:37	1000	Other	NA	Electronic	17.48217	17.49182
EURZAR.	17-09-18	11:32-13:30			17.45202	17-09-18 11:40	3000	Other	NA	Electronic	17.44357	17.45202
EURZAR.	17-09-18	13:32-15:30			17.39877	17-09-18 14:20	3000	Other	NA	Electronic	17.39877	17.40712

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EURZAR.	19-09-18	09:32-11:30			17.21642	19-09-18 10:19	1000	Other	NA	Electronic	17.20807	17.21642
EURZAR.	19-09-18	11:32-13:30			17.08552	19-09-18 12:38	1000	Other	NA	Electronic	17.07707	17.08552
EURZAR.	20-09-18	11:32-13:30			17.00867	20-09-18 12:02	1000	Other	NA	Electronic	17.00867	17.01732
EURZAR.	20-09-18	15:32-17:30			16.89962	20-09-18 15:57	1000	Other	NA	Electronic	16.88997	16.89962
EURZAR.	21-09-18	09:32-11:30			16.77437	21-09-18 10:01	1000	Other	NA	Electronic	16.77437	16.78282
EURZAR.	21-09-18	13:32-15:30			16.93642	21-09-18 13:48	1000	Other	NA	Electronic	16.92687	16.93642
EURZAR.	24-09-18	13:32-15:30			16.79232	24-09-18 13:45	5000	Other	NA	Electronic	16.78467	16.79232
EURZAR.	24-09-18	15:32-17:30			16.75707	24-09-18 16:40	5000	Other	NA	Electronic	16.75707	16.76542
EURZAR.	26-09-18	13:32-15:30			16.70092	26-09-18 13:57	1000	Other	NA	Electronic	16.69237	16.69992
EURZAR.	27-09-18	09:32-11:30			16.53982	27-09-18 10:41	1000	Other	NA	Electronic	16.53117	16.53982
EURZAR.	27-09-18	11:32-13:30			16.51182	27-09-18 11:34	1000	Other	NA	Electronic	16.50417	16.51182
EURZAR.	27-09-18	13:32-15:30			16.48297	27-09-18 13:52	1000	Other	NA	Electronic	16.48297	16.49162
EURZAR.	28-09-18	13:32-15:30			16.36892	28-09-18 13:42	1000	Other	NA	Electronic	16.35947	16.36892
EURZARmicro	02-07-18	09:32-11:30			16.07717	02-07-18 09:46	2500	Other	NA	Electronic	16.06732	16.07717
EURZARmicro	02-07-18	11:32-13:30			16.07242	02-07-18 11:37	100	Other	NA	Electronic	16.07242	16.08267

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EURZARmicro	02-07-18	13:30-13:32	16.12092	5000								
EURZARmicro	02-07-18	15:32-17:30			16.13552	02-07-18 15:36	40	Other	NA	Electronic	16.13552	16.14587
EURZARmicro	03-07-18	09:30-09:32	16.02657	400								
EURZARmicro	03-07-18	11:32-13:30			15.95663	03-07-18 11:45	1010	Other	NA	Electronic	15.95663	15.96807
EURZARmicro	03-07-18	13:32-15:30			15.98222	03-07-18 13:41	1000	Other	NA	Electronic	15.98222	15.99377
EURZARmicro	03-07-18	15:32-17:30			15.93652	03-07-18 15:33	5000	Other	NA	Electronic	15.93652	15.94767
EURZARmicro	04-07-18	09:32-11:30			15.94862	04-07-18 09:57	10	Other	NA	Electronic	15.94852	15.95877
EURZARmicro	04-07-18	11:32-13:30			15.97117	04-07-18 11:48	100	Other	NA	Electronic	15.96142	15.97157
EURZARmicro	04-07-18	13:32-15:30			15.96622	04-07-18 13:49	10000	Other	NA	Electronic	15.96622	15.97787
EURZARmicro	04-07-18	15:32-17:30			16.00542	04-07-18 16:19	100	Other	NA	Electronic	16.00612	16.01937
EURZARmicro	05-07-18	09:32-11:30			16.00602	05-07-18 09:45	5000	Other	NA	Electronic	16.00602	16.01637
EURZARmicro	05-07-18	11:30-11:32	15.93352	10100								
EURZARmicro	05-07-18	13:30-13:32	15.87858	7250								
EURZARmicro	05-07-18	15:30-15:32	15.87137	15010								
EURZARmicro	06-07-18	09:30-09:32	15.90969	3200								

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EURZARmicro	06-07-18	11:30-11:32	15.96522	4000								
EURZARmicro	06-07-18	13:32-15:30			15.86082	06-07-18 13:35	100	Other	NA	Electronic	15.86082	15.87117
EURZARmicro	06-07-18	15:32-17:30			15.84282	06-07-18 15:33	1000	Other	NA	Electronic	15.84322	15.85367
EURZARmicro	09-07-18	09:32-11:30			15.79292	09-07-18 09:41	700	Other	NA	Electronic	15.79292	15.80327
EURZARmicro	09-07-18	11:32-13:30			15.73621	09-07-18 11:32	100	Other	NA	Electronic	15.73621	15.749
EURZARmicro	09-07-18	13:32-15:30			15.71052	09-07-18 13:33	1100	Other	NA	Electronic	15.71052	15.72087
EURZARmicro	09-07-18	15:32-17:30			15.72232	09-07-18 15:48	2000	Other	NA	Electronic	15.72232	15.73277
EURZARmicro	10-07-18	09:32-11:30			15.81492	10-07-18 10:06	100	Other	NA	Electronic	15.81492	15.82587
EURZARmicro	10-07-18	11:30-11:32	15.75162	2010								
EURZARmicro	10-07-18	13:30-13:32	15.66892	460								
EURZARmicro	10-07-18	15:30-15:32	15.6429	1160								
EURZARmicro	11-07-18	09:30-09:32	15.8013	200								
EURZARmicro	11-07-18	11:32-13:30			15.74122	11-07-18 11:36	2000	Other	NA	Electronic	15.74132	15.75207
EURZARmicro	11-07-18	13:32-15:30			15.80522	11-07-18 13:48	300	Other	NA	Electronic	15.80522	15.81547
EURZARmicro	11-07-18	15:32-17:30			15.82292	11-07-18 15:35	1000	Other	NA	Electronic	15.82292	15.83427

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
EURZARmicro	12-07-18	09:32-11:30			15.73417	12-07-18 09:43	100	Other	NA	Electronic	15.72392	15.73417
EURZARmicro	12-07-18	11:30-11:32	15.65843	300								
EURZARmicro	12-07-18	13:32-15:30			15.61472	12-07-18 13:51	20100	Other	NA	Electronic	15.61472	15.62567
EURZARmicro	12-07-18	15:30-15:32	15.52997	50								
EURZARmicro	13-07-18	09:32-11:30			15.53927	13-07-18 09:34	50	Other	NA	Electronic	15.52902	15.53927
EURZARmicro	13-07-18	11:32-13:30			15.52692	13-07-18 11:41	50	Other	NA	Electronic	15.52692	15.53717
EURZARmicro	13-07-18	13:32-15:30			15.49437	13-07-18 13:37	100	Other	NA	Electronic	15.48412	15.49437
EURZARmicro	13-07-18	15:32-17:30			15.48456	13-07-18 15:37	100	Other	NA	Electronic	15.48456	15.49577
EURZARmicro	16-07-18	09:32-11:30			15.46847	16-07-18 09:34	100	Other	NA	Electronic	15.45792	15.46847
EURZARmicro	16-07-18	11:32-13:30			15.46547	16-07-18 11:33	100	Other	NA	Electronic	15.45512	15.46547
EURZARmicro	16-07-18	13:32-15:30			15.45467	16-07-18 13:37	100	Other	NA	Electronic	15.44492	15.45507
EURZARmicro	16-07-18	15:32-17:30			15.50317	16-07-18 16:07	100	Other	NA	Electronic	15.49262	15.50317
EURZARmicro	17-07-18	09:32-11:30			15.54202	17-07-18 09:46	100	Other	NA	Electronic	15.54202	15.55227
EURZARmicro	17-07-18	11:32-13:30			15.53197	17-07-18 11:37	100	Other	NA	Electronic	15.52082	15.53197
EURZARmicro	17-07-18	13:32-15:30			15.48542	17-07-18 13:32	200	Other	NA	Electronic	15.48542	15.49567

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EURZARmicro	17-07-18	15:32-17:30			15.45617	17-07-18 15:36	500	Other	NA	Electronic	15.44522	15.45617
EURZARmicro	18-07-18	09:32-11:30			15.46802	18-07-18 09:33	500	Other	NA	Electronic	15.46802	15.47827
EURZARmicro	18-07-18	11:30-11:32	15.47725	400								
EURZARmicro	18-07-18	13:30-13:32	15.50237	100								
EURZARmicro	18-07-18	15:32-17:30			15.46007	18-07-18 15:46	400	Other	NA	Electronic	15.44962	15.46007
EURZARmicro	19-07-18	09:30-09:32	15.58315	200								
EURZARmicro	19-07-18	11:30-11:32	15.59977	100								
EURZARmicro	19-07-18	13:30-13:32	15.64282	200								
EURZARmicro	19-07-18	15:32-17:30			15.71377	19-07-18 15:38	2000	Other	NA	Electronic	15.70332	15.71377
EURZARmicro	20-07-18	09:32-11:30			15.69784	20-07-18 09:49	50	Other	NA	Electronic	15.68592	15.69747
EURZARmicro	20-07-18	11:32-13:30			15.70542	20-07-18 11:34	200	Other	NA	Electronic	15.70542	15.71637
EURZARmicro	20-07-18	13:32-15:30			15.73757	20-07-18 13:43	200	Other	NA	Electronic	15.72652	15.73747
EURZARmicro	20-07-18	15:32-17:30			15.72967	20-07-18 16:03	100	Other	NA	Electronic	15.71962	15.72967
EURZARmicro	23-07-18	09:32-11:30			15.81972	23-07-18 09:33	500	Other	NA	Electronic	15.81972	15.82997
EURZARmicro	23-07-18	11:32-13:30			15.84807	23-07-18 11:37	2000	Other	NA	Electronic	15.83742	15.84807



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EURZARmicro	23-07-18	13:32-15:30			15.83867	23-07-18 13:54	1700	Other	NA	Electronic	15.82842	15.83867
EURZARmicro	23-07-18	15:32-17:30			15.82212	23-07-18 15:36	1700	Other	NA	Electronic	15.82202	15.83207
EURZARmicro	24-07-18	09:32-11:30			15.73007	24-07-18 10:01	300	Other	NA	Electronic	15.72002	15.73027
EURZARmicro	24-07-18	11:30-11:32	15.60947	100								
EURZARmicro	24-07-18	13:32-15:30			15.62022	24-07-18 13:36	1000	Other	NA	Electronic	15.62022	15.63047
EURZARmicro	24-07-18	15:32-17:30			15.59187	24-07-18 15:37	100	Other	NA	Electronic	15.58142	15.59187
EURZARmicro	25-07-18	09:32-11:30			15.47572	25-07-18 09:45	100	Other	NA	Electronic	15.47572	15.48617
EURZARmicro	25-07-18	11:32-13:30			15.45947	25-07-18 11:54	500	Other	NA	Electronic	15.44892	15.45947
EURZARmicro	25-07-18	13:32-15:30			15.41707	25-07-18 13:48	150	Other	NA	Electronic	15.40572	15.41707
EURZARmicro	25-07-18	15:32-17:30			15.41967	25-07-18 15:33	800	Other	NA	Electronic	15.40902	15.41967
EURZARmicro	26-07-18	09:32-11:30			15.42202	26-07-18 10:06	200	Other	NA	Electronic	15.42202	15.43247
EURZARmicro	26-07-18	11:32-13:30			15.45867	26-07-18 12:00	70	Other	NA	Electronic	15.44822	15.45867
EURZARmicro	26-07-18	13:30-13:32	15.41527	1900								
EURZARmicro	26-07-18	15:32-17:30			15.43852	26-07-18 15:56	1500	Other	NA	Electronic	15.43852	15.45027
EURZARmicro	27-07-18	09:32-11:30			15.41042	27-07-18 09:38	70	Other	NA	Electronic	15.41052	15.42087

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EURZARmicro	27-07-18	11:32-13:30			15.39887	27-07-18 11:46	150	Other	NA	Electronic	15.38842	15.39887
EURZARmicro	27-07-18	13:32-15:30			15.37967	27-07-18 13:37	1000	Other	NA	Electronic	15.36932	15.37977
EURZARmicro	27-07-18	15:30-15:32	15.36457	1000								
EURZARmicro	30-07-18	09:32-11:30			15.41032	30-07-18 09:41	70	Other	NA	Electronic	15.41032	15.42077
EURZARmicro	30-07-18	11:32-13:30			15.40487	30-07-18 12:12	100	Other	NA	Electronic	15.39442	15.40487
EURZARmicro	30-07-18	13:32-15:30			15.37912	30-07-18 14:29	100	Other	NA	Electronic	15.37912	15.39027
EURZARmicro	30-07-18	15:32-17:30			15.40687	30-07-18 15:43	100	Other	NA	Electronic	15.39612	15.40687
EURZARmicro	31-07-18	09:30-09:32	15.40847	200								
EURZARmicro	31-07-18	11:32-13:30			15.37117	31-07-18 12:05	70	Other	NA	Electronic	15.36082	15.37117
EURZARmicro	31-07-18	13:30-13:32	15.38367	70								
EURZARmicro	31-07-18	15:30-15:32	15.3528	100								
EURZARmicro	01-08-18	09:30-09:32	15.5263	100								
EURZARmicro	01-08-18	11:30-11:32	15.5014	100								
EURZARmicro	01-08-18	13:30-13:32	15.4383	100								
EURZARmicro	01-08-18	15:30-15:32	15.3935	5000								

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EURZARmicro	02-08-18	09:30-09:32	15.6012	1000								
EURZARmicro	02-08-18	11:32-13:30			15.58	02-08-18 11:46	200	Other	NA	Electronic	15.58	15.5915
EURZARmicro	02-08-18	13:30-13:32	15.5641	100								
EURZARmicro	02-08-18	15:32-17:30			15.5598	02-08-18 15:46	100	Other	NA	Electronic	15.549	15.5598
EURZARmicro	03-08-18	09:32-11:30			15.5813	03-08-18 09:37	150	Other	NA	Electronic	15.5709	15.5813
EURZARmicro	03-08-18	11:30-11:32	15.48215	1000								
EURZARmicro	03-08-18	13:32-15:30			15.4496	03-08-18 14:15	200	Other	NA	Electronic	15.4374	15.4496
EURZARmicro	03-08-18	15:32-17:30			15.4094	03-08-18 15:35	1000	Other	NA	Electronic	15.3987	15.4094
EURZARmicro	06-08-18	09:32-11:30			15.4678	06-08-18 09:57	1310	Other	NA	Electronic	15.4678	15.4783
EURZARmicro	06-08-18	11:32-13:30			15.4902	06-08-18 11:56	100	Other	NA	Electronic	15.4902	15.5006
EURZARmicro	06-08-18	13:32-15:30			15.5226	06-08-18 13:32	100	Other	NA	Electronic	15.5226	15.533
EURZARmicro	06-08-18	15:32-17:30			15.479	06-08-18 15:35	100	Other	NA	Electronic	15.479	15.4897
EURZARmicro	07-08-18	09:32-11:30			15.4687	07-08-18 09:39	5000	Other	NA	Electronic	15.4687	15.4792
EURZARmicro	07-08-18	11:32-13:30			15.4375	07-08-18 11:48	50	Other	NA	Electronic	15.4375	15.4479
EURZARmicro	07-08-18	13:32-15:30			15.4134	07-08-18 14:16	200	Other	NA	Electronic	15.4029	15.4134

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EURZARmicro	07-08-18	15:32-17:30			15.4506	07-08-18 15:51	5000	Other	NA	Electronic	15.4506	15.4614
EURZARmicro	08-08-18	09:32-11:30			15.5105	08-08-18 09:47	120	Other	NA	Electronic	15.5105	15.5209
EURZARmicro	08-08-18	11:32-13:30			15.5815	08-08-18 11:51	200	Other	NA	Electronic	15.5815	15.5929
EURZARmicro	08-08-18	13:32-15:30			15.5732	08-08-18 13:56	5000	Other	NA	Electronic	15.5732	15.5836
EURZARmicro	08-08-18	15:32-17:30			15.564	08-08-18 15:41	1000	Other	NA	Electronic	15.564	15.5748
EURZARmicro	09-08-18	09:32-11:30			15.6713	09-08-18 09:32	100	Other	NA	Electronic	15.6608	15.6713
EURZARmicro	09-08-18	11:32-13:30			15.6512	09-08-18 11:48	130	Other	NA	Electronic	15.6509	15.6614
EURZARmicro	09-08-18	13:30-13:32	15.6808	100								
EURZARmicro	09-08-18	15:30-15:32	15.7363	200								
EURZARmicro	10-08-18	09:30-09:32	15.869	450								
EURZARmicro	10-08-18	11:32-13:30			15.9287	10-08-18 11:33	100	Other	NA	Electronic	15.9287	15.9403
EURZARmicro	10-08-18	13:30-13:32	16.1245	800								
EURZARmicro	10-08-18	15:32-17:30			16.0057	10-08-18 16:47	100	Other	NA	Electronic	15.9941	16.0057
EURZARmicro	13-08-18	09:32-11:30			16.4476	13-08-18 09:40	50	Other	NA	Electronic	16.4317	16.4466
EURZARmicro	13-08-18	11:32-13:30			16.3872	13-08-18 11:55	70	Other	NA	Electronic	16.3742	16.3872

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EURZARmicro	13-08-18	13:32-15:30			16.278	13-08-18 13:44	400	Other	NA	Electronic	16.278	16.2916
EURZARmicro	13-08-18	15:32-17:30			16.4004	13-08-18 16:01	50	Other	NA	Electronic	16.3845	16.4004
EURZARmicro	14-08-18	09:32-11:30			16.0486	14-08-18 09:59	10	Other	NA	Electronic	16.0359	16.0486
EURZARmicro	14-08-18	11:32-13:30			16.1613	14-08-18 11:38	10	Other	NA	Electronic	16.1613	16.1768
EURZARmicro	14-08-18	13:32-15:30			16.1194	14-08-18 13:39	50	Other	NA	Electronic	16.1194	16.1322
EURZARmicro	14-08-18	15:32-17:30			16.1441	14-08-18 15:50	1010	Other	NA	Electronic	16.1441	16.1556
EURZARmicro	15-08-18	09:32-11:30			16.3419	15-08-18 09:33	100	Other	NA	Electronic	16.3419	16.3561
EURZARmicro	15-08-18	11:32-13:30			16.6183	15-08-18 11:41	100	Other	NA	Electronic	16.6183	16.6362
EURZARmicro	15-08-18	13:32-15:30			16.6689	15-08-18 13:50	200	Other	NA	Electronic	16.6383	16.6689
EURZARmicro	15-08-18	15:32-17:30			16.5365	15-08-18 16:05	70	Other	NA	Electronic	16.5252	16.5365
EURZARmicro	16-08-18	09:32-11:30			16.4564	16-08-18 10:20	50	Other	NA	Electronic	16.4434	16.4564
EURZARmicro	16-08-18	11:32-13:30			16.5464	16-08-18 11:36	500	Other	NA	Electronic	16.5337	16.5464
EURZARmicro	16-08-18	13:32-15:30			16.5561	16-08-18 13:32	3000	Other	NA	Electronic	16.5434	16.5561
EURZARmicro	16-08-18	15:32-17:30			16.5748	16-08-18 15:52	3000	Other	NA	Electronic	16.5748	16.5861
EURZARmicro	17-08-18	09:30-09:32	16.9874	4200								

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EURZARmicro	17-08-18	11:32-13:30			16.9066	17-08-18 12:53	300	Other	NA	Electronic	16.9066	16.9207
EURZARmicro	17-08-18	13:32-15:30			16.8987	17-08-18 13:42	100	Other	NA	Electronic	16.8853	16.8987
EURZARmicro	17-08-18	15:32-17:30			16.8765	17-08-18 15:39	100	Other	NA	Electronic	16.8765	16.8877
EURZARmicro	20-08-18	09:30-09:32	16.5517	4000								
EURZARmicro	20-08-18	11:32-13:30			16.6176	20-08-18 11:36	500	Other	NA	Electronic	16.6049	16.6176
EURZARmicro	20-08-18	13:32-15:30			16.6758	20-08-18 13:52	5000	Other	NA	Electronic	16.6758	16.6887
EURZARmicro	20-08-18	15:32-17:30			16.72325	20-08-18 15:50	100	Other	NA	Electronic	16.72325	16.7342
EURZARmicro	21-08-18	09:32-11:30			16.6104	21-08-18 10:06	250	Other	NA	Electronic	16.5976	16.6104
EURZARmicro	21-08-18	11:32-13:30			16.6088	21-08-18 11:40	5000	Other	NA	Electronic	16.596	16.6088
EURZARmicro	21-08-18	13:32-15:30			16.5663	21-08-18 13:50	10	Other	NA	Electronic	16.5663	16.5809
EURZARmicro	21-08-18	15:32-17:30			16.5834	21-08-18 15:32	100	Other	NA	Electronic	16.5834	16.5947
EURZARmicro	22-08-18	09:30-09:32	16.6975	150								
EURZARmicro	22-08-18	11:32-13:30			16.5946	22-08-18 11:37	7010	Other	NA	Electronic	16.5817	16.5946
EURZARmicro	22-08-18	13:32-15:30			16.6812	22-08-18 13:35	500	Other	NA	Electronic	16.6666	16.6812
EURZARmicro	22-08-18	15:32-17:30			16.5262	22-08-18 15:39	50	Other	NA	Electronic	16.5153	16.5262

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EURZARmicro	23-08-18	09:32-11:30			16.5246	23-08-18 09:43	1510	Other	NA	Electronic	16.5106	16.5246
EURZARmicro	23-08-18	11:32-13:30			16.4882	23-08-18 11:32	50	Other	NA	Electronic	16.4882	16.5007
EURZARmicro	23-08-18	13:32-15:30			16.5399	23-08-18 14:46	50	Other	NA	Electronic	16.5399	16.5524
EURZARmicro	23-08-18	15:32-17:30			16.5822	23-08-18 16:11	50	Other	NA	Electronic	16.5822	16.5961
EURZARmicro	24-08-18	09:30-09:32	16.5734	50								
EURZARmicro	24-08-18	11:32-13:30			16.4932	24-08-18 11:34	1000	Other	NA	Electronic	16.4932	16.5057
EURZARmicro	24-08-18	13:32-15:30			16.5167	24-08-18 14:10	100	Other	NA	Electronic	16.4963	16.5167
EURZARmicro	24-08-18	15:30-15:32	16.6345	50								
EURZARmicro	27-08-18	09:32-11:30			16.6284	27-08-18 10:10	150	Other	NA	Electronic	16.6159	16.6284
EURZARmicro	27-08-18	11:32-13:30			16.6406	27-08-18 11:32	500	Other	NA	Electronic	16.6406	16.6531
EURZARmicro	27-08-18	13:32-15:30			16.5468	27-08-18 14:10	500	Other	NA	Electronic	16.5468	16.5597
EURZARmicro	28-08-18	09:32-11:30			16.5747	28-08-18 10:07	500	Other	NA	Electronic	16.5607	16.5747
EURZARmicro	28-08-18	11:32-13:30			16.5696	28-08-18 11:50	500	Other	NA	Electronic	16.5696	16.5823
EURZARmicro	28-08-18	13:32-15:30			16.56	28-08-18 13:39	1000	Other	NA	Electronic	16.56	16.5733
EURZARmicro	28-08-18	15:32-17:30			16.5605	28-08-18 15:51	500	Other	NA	Electronic	16.5605	16.5745

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EURZARmicro	29-08-18	09:32-11:30			16.7697	29-08-18 10:27	13010	Other	NA	Electronic	16.7572	16.7697
EURZARmicro	29-08-18	11:32-13:30			16.7901	29-08-18 12:05	70	Other	NA	Electronic	16.7901	16.80346
EURZARmicro	29-08-18	13:32-15:30			16.8658	29-08-18 13:32	1000	Other	NA	Electronic	16.8654	16.8779
EURZARmicro	29-08-18	15:32-17:30			16.83	29-08-18 15:44	70	Other	NA	Electronic	16.816	16.83
EURZARmicro	30-08-18	09:30-09:32	17.1001	70								
EURZARmicro	30-08-18	11:30-11:32	17.10535	190								
EURZARmicro	30-08-18	13:30-13:32	17.0607	110								
EURZARmicro	30-08-18	15:30-15:32	17.17385	190								
EURZARmicro	31-08-18	09:32-11:30			17.1237	31-08-18 09:56	100	Other	NA	Electronic	17.1237	17.1363
EURZARmicro	31-08-18	11:32-13:30			17.1844	31-08-18 12:10	50	Other	NA	Electronic	17.1718	17.1844
EURZARmicro	31-08-18	13:30-13:32	17.1458	70								
EURZARmicro	31-08-18	15:32-17:30			17.0366	31-08-18 15:39	100	Other	NA	Electronic	17.0227	17.0366
EURZARmicro	03-09-18	09:32-11:30			17.1546	03-09-18 09:32	70	Other	NA	Electronic	17.1546	17.1677
EURZARmicro	03-09-18	11:32-13:30			17.2403	03-09-18 11:53	70	Other	NA	Electronic	17.2403	17.2534
EURZARmicro	03-09-18	13:32-15:30			17.3006	03-09-18 13:54	100	Other	NA	Electronic	17.3006	17.3214



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EURZARmicro	03-09-18	15:32-17:30			17.2494	03-09-18 15:32	10	Other	NA	Electronic	17.2494	17.2625
EURZARmicro	04-09-18	09:30-09:32	17.49112	6690								
EURZARmicro	04-09-18	11:32-13:30			17.585	04-09-18 12:02	10	Other	NA	Electronic	17.5729	17.585
EURZARmicro	04-09-18	13:30-13:32	17.69663	320								
EURZARmicro	04-09-18	15:30-15:32	17.6406	70								
EURZARmicro	05-09-18	09:32-11:30			18.0537	05-09-18 09:50	300	Other	NA	Electronic	18.0537	18.0655
EURZARmicro	05-09-18	11:32-13:30			17.9884	05-09-18 11:41	60	Other	NA	Electronic	17.9766	17.9884
EURZARmicro	05-09-18	13:30-13:32	17.9524	50								
EURZARmicro	05-09-18	15:32-17:30			17.9828	05-09-18 16:11	10	Other	NA	Electronic	17.9684	17.9828
EURZARmicro	06-09-18	09:32-11:30			17.8754	06-09-18 09:51	10	Other	NA	Electronic	17.8624	17.8754
EURZARmicro	06-09-18	11:32-13:30			17.8134	06-09-18 11:46	100	Other	NA	Electronic	17.8134	17.8255
EURZARmicro	06-09-18	13:30-13:32	17.88657	20100								
EURZARmicro	06-09-18	15:32-17:30			17.7958	06-09-18 15:49	10	Other	NA	Electronic	17.7811	17.7958
EURZARmicro	07-09-18	09:32-11:30			17.637	07-09-18 09:44	500	Other	NA	Electronic	17.6252	17.637
EURZARmicro	07-09-18	11:32-13:30			17.5776	07-09-18 11:38	200	Other	NA	Electronic	17.5655	17.5776

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EURZARmicro	07-09-18	13:32-15:30			17.4751	07-09-18 13:51	400	Other	NA	Electronic	17.4597	17.4751
EURZARmicro	07-09-18	15:32-17:30			17.5067	07-09-18 15:38	10	Other	NA	Electronic	17.5067	17.5197
EURZARmicro	10-09-18	09:32-11:30			17.5518	10-09-18 09:39	100	Other	NA	Electronic	17.5518	17.5636
EURZARmicro	10-09-18	11:30-11:32	17.5652	390								
EURZARmicro	10-09-18	13:32-15:30			17.6539	10-09-18 14:14	100	Other	NA	Electronic	17.6539	17.667
EURZARmicro	10-09-18	15:32-17:30			17.6327	10-09-18 15:57	100	Other	NA	Electronic	17.6197	17.6327
EURZARmicro	11-09-18	09:30-09:32	17.531	130								
EURZARmicro	11-09-18	11:30-11:32	17.5304	10								
EURZARmicro	11-09-18	15:32-17:30			17.5295	11-09-18 16:12	130	Other	NA	Electronic	17.5166	17.5295
EURZARmicro	12-09-18	09:32-11:30			17.4621	12-09-18 09:49	500	Other	NA	Electronic	17.4492	17.4621
EURZARmicro	12-09-18	11:30-11:32	17.4664	400								
EURZARmicro	12-09-18	13:30-13:32	17.3973	390								
EURZARmicro	12-09-18	15:30-15:32	17.3817	100								
EURZARmicro	13-09-18	09:30-09:32	17.2789	20								
EURZARmicro	13-09-18	11:32-13:30			17.1371	13-09-18 11:34	120	Other	NA	Electronic	17.1242	17.1371

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EURZARmicro	13-09-18	13:30-13:32	17.1242	220								
EURZARmicro	13-09-18	15:32-17:30			17.2619	13-09-18 15:36	1000	Other	NA	Electronic	17.2619	17.2748
EURZARmicro	14-09-18	09:32-11:30			17.3939	14-09-18 10:10	1000	Other	NA	Electronic	17.3819	17.3939
EURZARmicro	14-09-18	11:32-13:30			17.3429	14-09-18 11:53	1000	Other	NA	Electronic	17.3429	17.3548
EURZARmicro	14-09-18	13:32-15:30			17.3485	14-09-18 13:39	100	Other	NA	Electronic	17.3368	17.3485
EURZARmicro	14-09-18	15:32-17:30			17.3371	14-09-18 15:34	100	Other	NA	Electronic	17.3242	17.3371
EURZARmicro	17-09-18	09:32-11:30			17.4806	17-09-18 09:37	80	Other	NA	Electronic	17.4806	17.4936
EURZARmicro	17-09-18	11:32-13:30			17.4627	17-09-18 11:43	200	Other	NA	Electronic	17.451	17.4627
EURZARmicro	17-09-18	13:32-15:30			17.4496	17-09-18 13:38	200	Other	NA	Electronic	17.4378	17.4496
EURZARmicro	17-09-18	15:32-17:30			17.4415	17-09-18 15:50	80	Other	NA	Electronic	17.4285	17.4415
EURZARmicro	18-09-18	09:32-11:30			17.4805	18-09-18 11:23	180	Other	NA	Electronic	17.4805	17.4922
EURZARmicro	18-09-18	11:32-13:30			17.4644	18-09-18 11:59	180	Other	NA	Electronic	17.4527	17.4644
EURZARmicro	18-09-18	13:30-13:32	17.3901	180								
EURZARmicro	18-09-18	15:32-17:30			17.3392	18-09-18 15:33	100	Other	NA	Electronic	17.3392	17.3521
EURZARmicro	19-09-18	09:32-11:30			17.1938	19-09-18 10:38	100	Other	NA	Electronic	17.1821	17.1938

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EURZARmicro	19-09-18	11:32-13:30			17.0981	19-09-18 11:36	130	Other	NA	Electronic	17.0867	17.0986
EURZARmicro	19-09-18	13:32-15:30			17.1279	19-09-18 13:53	150	Other	NA	Electronic	17.1149	17.1279
EURZARmicro	19-09-18	15:32-17:30			17.1622	19-09-18 17:07	10	Other	NA	Electronic	17.1436	17.1622
EURZARmicro	20-09-18	09:32-11:30			16.9403	20-09-18 09:43	50010	Other	NA	Electronic	16.9285	16.9403
EURZARmicro	20-09-18	11:32-13:30			16.9907	20-09-18 11:37	500	Other	NA	Electronic	16.9907	17.0028
EURZARmicro	20-09-18	15:32-17:30			16.9424	20-09-18 15:43	1000	Other	NA	Electronic	16.9294	16.9424
EURZARmicro	21-09-18	09:32-11:30			16.8569	21-09-18 10:43	10	Other	NA	Electronic	16.8569	16.8687
EURZARmicro	21-09-18	11:32-13:30			16.8943	21-09-18 12:07	100	Other	NA	Electronic	16.8946	16.9076
EURZARmicro	21-09-18	13:32-15:30			16.9192	21-09-18 13:32	100	Other	NA	Electronic	16.9187	16.9318
EURZARmicro	21-09-18	15:32-17:30			16.8409	21-09-18 15:37	100	Other	NA	Electronic	16.8279	16.8409
EURZARmicro	24-09-18	09:32-11:30			16.7784	24-09-18 10:24	150	Other	NA	Electronic	16.7784	16.7893
EURZARmicro	24-09-18	11:32-13:30			16.7549	24-09-18 11:40	15010	Other	NA	Electronic	16.7434	16.7548
EURZARmicro	24-09-18	13:32-15:30			16.7639	24-09-18 14:37	700	Other	NA	Electronic	16.7639	16.7756
EURZARmicro	25-09-18	09:32-11:30			16.9275	25-09-18 09:36	150	Other	NA	Electronic	16.9275	16.9385
EURZARmicro	25-09-18	11:32-13:30			16.955	25-09-18 12:35	100	Other	NA	Electronic	16.944	16.955

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EURZARmicro	25-09-18	13:30-13:32	17.0379	30								
EURZARmicro	26-09-18	09:32-11:30			16.7793	26-09-18 10:58	100	Other	NA	Electronic	16.7793	16.7903
EURZARmicro	26-09-18	11:32-13:30			16.7872	26-09-18 11:48	10	Other	NA	Electronic	16.7872	16.7982
EURZARmicro	26-09-18	13:32-15:30			16.7312	26-09-18 13:49	450	Other	NA	Electronic	16.7191	16.7312
EURZARmicro	26-09-18	15:30-15:32	16.6966	50								
EURZARmicro	27-09-18	09:32-11:30			16.549	27-09-18 10:43	100	Other	NA	Electronic	16.5381	16.549
EURZARmicro	27-09-18	11:32-13:30			16.5075	27-09-18 11:33	1100	Other	NA	Electronic	16.5075	16.5192
EURZARmicro	27-09-18	13:32-15:30			16.4933	27-09-18 13:52	300	Other	NA	Electronic	16.4813	16.4933
EURZARmicro	27-09-18	15:32-17:30			16.4219	27-09-18 15:33	100	Other	NA	Electronic	16.4102	16.4219
EURZARmicro	28-09-18	09:32-11:30			16.4839	28-09-18 11:11	2000	Other	NA	Electronic	16.4733	16.4841
EURZARmicro	28-09-18	11:32-13:30			16.454	28-09-18 11:32	140	Other	NA	Electronic	16.454	16.4648
EURZARmicro	28-09-18	13:30-13:32	16.3824	20								
EURZARmicro	28-09-18	15:32-17:30			16.455	28-09-18 16:05	130	Other	NA	Electronic	16.455	16.4666
Exelon	03-07-18	13:32-15:30			42.69	03-07-18 14:47	374.373406	Other	NA	Electronic	42.69	42.75
EXOR	05-07-18	09:32-11:30			58.14	05-07-18 11:00	581.4	Other	NA	Electronic	57.961	58.14

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Express Scripts	20-09-18	13:32-15:30			95.26	20-09-18 13:52	837.7451411	Other	NA	Electronic	95.12	95.26
Express Scripts	27-09-18	13:32-15:30			94.97	27-09-18 13:45	835.1947938	Other	NA	Electronic	94.82	94.97
ExxonMobil	02-07-18	13:32-15:30			81.86	02-07-18 13:40	703.6320464	Other	NA	Electronic	81.86	81.94
ExxonMobil	02-07-18	15:32-17:30			81.9	02-07-18 16:47	2160.759828	Other	NA	Electronic	81.83	81.9
ExxonMobil	03-07-18	13:32-15:30			83.2	03-07-18 13:41	2160.759828	Other	NA	Electronic	83.2	83.27
ExxonMobil	05-07-18	15:32-17:30			82.41	05-07-18 16:58	724.7383695	Other	NA	Electronic	82.41	82.48
ExxonMobil	06-07-18	13:32-15:30			82.14	06-07-18 13:40	722.3639082	Other	NA	Electronic	82.07	82.14
ExxonMobil	11-07-18	13:32-15:30			83.27	11-07-18 13:45	732.3014686	Other	NA	Electronic	83.19	83.27
ExxonMobil	11-07-18	15:32-17:30			82.58	11-07-18 17:26	1452.115029	Other	NA	Electronic	82.51	82.58
ExxonMobil	12-07-18	15:32-17:30			82.83	12-07-18 16:12	728.4319761	Other	NA	Electronic	82.76	82.83
ExxonMobil	16-07-18	15:30-15:32	82.34	724.1227684								
ExxonMobil	18-07-18	13:32-15:30			81.6	18-07-18 14:00	2850.057163	Other	NA	Electronic	81.6	81.67
ExxonMobil	18-07-18	15:32-17:30			82.06	18-07-18 16:00	2886.641456	Other	NA	Electronic	81.99	82.06
ExxonMobil	19-07-18	13:32-15:30			81.76	19-07-18 15:00	2886.641456	Other	NA	Electronic	81.76	81.83
ExxonMobil	20-07-18	13:32-15:30			81.81	20-07-18 14:00	3614.018116	Other	NA	Electronic	81.81	81.88

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ExxonMobil	24-07-18	13:32-15:30			82.36	24-07-18 13:40	716.9993844	Other	NA	Electronic	82.29	82.36
ExxonMobil	27-07-18	13:32-15:30			81.76	27-07-18 13:45	2912.320816	Other	NA	Electronic	81.76	81.86
ExxonMobil	01-08-18	13:32-15:30			80.75	01-08-18 13:40	732.3014686	Other	NA	Electronic	80.75	80.83
ExxonMobil	03-08-18	15:32-17:30			79.84	03-08-18 16:42	718.9341307	Other	NA	Electronic	79.84	79.91
ExxonMobil	09-08-18	15:32-17:30			80.28	09-08-18 17:19	706.0065078	Other	NA	Electronic	80.28	80.35
ExxonMobil	10-08-18	13:32-15:30			79.31	10-08-18 13:40	706.0065078	Other	NA	Electronic	79.24	79.31
ExxonMobil	20-08-18	15:32-17:30			78.68	20-08-18 17:17	691.9356257	Other	NA	Electronic	78.68	78.75
ExxonMobil	22-08-18	13:32-15:30			79.53	22-08-18 13:40	692.5512268	Other	NA	Electronic	79.45	79.53
ExxonMobil	23-08-18	13:32-15:30			79.13	23-08-18 13:47	695.8930613	Other	NA	Electronic	79.13	79.21
ExxonMobil	17-09-18	13:32-15:30			83.5	17-09-18 14:05	691.9356257	Other	NA	Electronic	83.42	83.5
Facebook	02-07-18	13:32-15:30			194.1	02-07-18 13:52	6827.895524	Other	NA	Electronic	193.93	194.1
Facebook	03-07-18	13:32-15:30			193.68	03-07-18 13:40	1729.839064	Other	NA	Electronic	193.68	193.86
Facebook	05-07-18	13:32-15:30			195.79	05-07-18 13:40	1721.83625	Other	NA	Electronic	195.61	195.79
Facebook	05-07-18	15:32-17:30			195.39	05-07-18 16:00	3436.637059	Other	NA	Electronic	195.19	195.39
Facebook	06-07-18	13:32-15:30			199.5	06-07-18 13:40	6896.139302	Other	NA	Electronic	199.5	199.69

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Facebook	06-07-18	15:32-17:30			201.53	06-07-18 15:45	3544.631079	Other	NA	Electronic	201.53	201.7
Facebook	09-07-18	13:32-15:30			204.73	09-07-18 13:40	18004.57304	Other	NA	Electronic	204.54	204.73
Facebook	09-07-18	15:32-17:30			203.8	09-07-18 16:56	1792.278603	Other	NA	Electronic	203.63	203.8
Facebook	10-07-18	13:32-15:30			204.88	10-07-18 13:44	8927.974672	Other	NA	Electronic	204.7	204.88
Facebook	10-07-18	15:32-17:30			203.6	10-07-18 17:00	3436.637059	Other	NA	Electronic	203.6	203.75
Facebook	11-07-18	13:32-15:30			203.75	11-07-18 13:40	1760.179404	Other	NA	Electronic	203.56	203.75
Facebook	11-07-18	15:32-17:30			203.01	11-07-18 15:39	1785.331105	Other	NA	Electronic	202.83	203.01
Facebook	12-07-18	13:32-15:30			204.89	12-07-18 14:00	1801.864392	Other	NA	Electronic	204.71	204.89
Facebook	12-07-18	15:32-17:30			206.35	12-07-18 16:11	1812.417553	Other	NA	Electronic	206.35	206.55
Facebook	13-07-18	13:32-15:30			207.29	13-07-18 13:40	1805.997713	Other	NA	Electronic	207.09	207.29
Facebook	16-07-18	15:32-17:30			207.81	16-07-18 16:48	1827.543752	Other	NA	Electronic	207.64	207.81
Facebook	17-07-18	13:32-15:30			206.68	17-07-18 13:50	3635.212382	Other	NA	Electronic	206.5	206.68
Facebook	17-07-18	15:32-17:30			208.89	17-07-18 15:56	1837.041597	Other	NA	Electronic	208.72	208.89
Facebook	18-07-18	13:32-15:30			209.68	18-07-18 13:44	3687.97819	Other	NA	Electronic	209.49	209.68
Facebook	18-07-18	15:32-17:30			210.29	18-07-18 16:49	3687.97819	Other	NA	Electronic	210.29	210.45



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Facebook	19-07-18	13:32-15:30			208.64	19-07-18 14:00	1826.136663	Other	NA	Electronic	208.64	208.88
Facebook	19-07-18	15:32-17:30			207.85	19-07-18 16:46	1837.041597	Other	NA	Electronic	207.85	208.03
Facebook	20-07-18	13:32-15:30			209.14	20-07-18 13:40	5517.720517	Other	NA	Electronic	209.14	209.31
Facebook	20-07-18	15:32-17:30			210.83	20-07-18 15:42	1854.102542	Other	NA	Electronic	210.68	210.83
Facebook	23-07-18	13:32-15:30			209.76	23-07-18 14:34	1827.016094	Other	NA	Electronic	209.76	209.92
Facebook	24-07-18	13:32-15:30			215.81	24-07-18 13:40	5553.865095	Other	NA	Electronic	215.63	215.81
Facebook	24-07-18	15:32-17:30			214.22	24-07-18 16:17	20235.51139	Other	NA	Electronic	214.22	214.37
Facebook	25-07-18	13:32-15:30			216.63	25-07-18 13:45	9525.547445	Other	NA	Electronic	216.44	216.63
Facebook	25-07-18	15:32-17:30			216.01	25-07-18 15:40	3743.382288	Other	NA	Electronic	216.01	216.23
Facebook	26-07-18	13:32-15:30			177.88	26-07-18 13:40	1884.003166	Other	NA	Electronic	177.88	178.06
Facebook	26-07-18	15:32-17:30			177.13	26-07-18 15:32	1557.734588	Other	NA	Electronic	176.94	177.13
Facebook	27-07-18	13:32-15:30			176.85	27-07-18 13:40	1555.272184	Other	NA	Electronic	176.66	176.85
Facebook	27-07-18	15:32-17:30			175.49	27-07-18 15:35	1542.080732	Other	NA	Electronic	175.49	175.67
Facebook	30-07-18	13:32-15:30			172.24	30-07-18 13:40	1553.689209	Other	NA	Electronic	172.24	172.45
Facebook	30-07-18	15:30-15:32	167.74	1475.156099								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Facebook	31-07-18	13:32-15:30			171.77	31-07-18 13:40	1478.146161	Other	NA	Electronic	171.77	171.97
Facebook	31-07-18	15:30-15:32	173.2	1510.860962								
Facebook	01-08-18	13:32-15:30			173.94	01-08-18 13:40	1583.238062	Other	NA	Electronic	173.91	174.12
Facebook	01-08-18	15:32-17:30			172.35	01-08-18 15:38	7578.489139	Other	NA	Electronic	172.35	172.53
Facebook	02-08-18	13:32-15:30			172.2	02-08-18 13:44	1514.378683	Other	NA	Electronic	172.02	172.2
Facebook	02-08-18	15:32-17:30			174.72	02-08-18 16:11	1536.540322	Other	NA	Electronic	174.55	174.72
Facebook	03-08-18	13:32-15:30			178.39	03-08-18 13:40	1563.362941	Other	NA	Electronic	178.39	178.58
Facebook	03-08-18	15:32-17:30			176.93	03-08-18 15:59	1514.378683	Other	NA	Electronic	176.93	177.1
Facebook	06-08-18	13:32-15:30			178.38	06-08-18 13:40	9390.203148	Other	NA	Electronic	178.38	178.57
Facebook	06-08-18	15:30-15:32	184.06	1618.679096								
Facebook	07-08-18	13:32-15:30			186.55	07-08-18 13:44	1621.757101	Other	NA	Electronic	186.55	186.73
Facebook	07-08-18	15:32-17:30			185.28	07-08-18 16:16	8147.040718	Other	NA	Electronic	185.11	185.28
Facebook	08-08-18	13:32-15:30			184.81	08-08-18 13:43	16252.74822	Other	NA	Electronic	184.65	184.83
Facebook	08-08-18	15:32-17:30			186.61	08-08-18 15:37	1641.104564	Other	NA	Electronic	186.61	186.76
Facebook	09-08-18	13:32-15:30			185.44	09-08-18 14:22	1630.815232	Other	NA	Electronic	185.28	185.44

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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Facebook	10-08-18	13:32-15:30			181.26	10-08-18 13:40	1628.792542	Other	NA	Electronic	181.09	181.26
Facebook	13-08-18	13:32-15:30			182.2	13-08-18 13:54	1628.880485	Other	NA	Electronic	182	182.2
Facebook	13-08-18	15:32-17:30			180.37	13-08-18 15:55	3172.456248	Other	NA	Electronic	180.13	180.37
Facebook	15-08-18	13:32-15:30			179.44	15-08-18 14:01	1521.062352	Other	NA	Electronic	179.44	179.62
Facebook	15-08-18	15:32-17:30			176.87	15-08-18 16:12	1550.78709	Other	NA	Electronic	176.87	177.04
Facebook	16-08-18	13:32-15:30			179.54	16-08-18 13:55	3157.857708	Other	NA	Electronic	179.37	179.54
Facebook	17-08-18	13:32-15:30			174.85	17-08-18 13:42	1537.683581	Other	NA	Electronic	174.65	174.85
Facebook	17-08-18	15:32-17:30			172.38	17-08-18 17:09	1515.961657	Other	NA	Electronic	172.23	172.38
Facebook	20-08-18	13:32-15:30			172.13	20-08-18 13:43	1513.763082	Other	NA	Electronic	171.96	172.13
Facebook	20-08-18	15:32-17:30			172.77	20-08-18 16:29	1519.391434	Other	NA	Electronic	172.6	172.77
Facebook	21-08-18	13:32-15:30			172.41	21-08-18 13:49	1516.225486	Other	NA	Electronic	172.23	172.41
Facebook	23-08-18	13:32-15:30			174.35	23-08-18 13:40	1533.28643	Other	NA	Electronic	174.17	174.35
Facebook	27-08-18	13:32-15:30			177.05	27-08-18 13:51	1547.533198	Other	NA	Electronic	177.05	177.23
Facebook	27-08-18	15:32-17:30			177.53	27-08-18 16:56	1513.763082	Other	NA	Electronic	177.53	177.68
Facebook	28-08-18	13:32-15:30			177.53	28-08-18 13:40	1558.526075	Other	NA	Electronic	177.53	177.7

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Facebook	29-08-18	13:32-15:30			175.76	29-08-18 14:34	1536.452379	Other	NA	Electronic	175.76	175.92
Facebook	31-08-18	15:32-17:30			175.96	31-08-18 15:39	3094.890511	Other	NA	Electronic	175.8	175.96
Facebook	04-09-18	13:32-15:30			170.75	04-09-18 13:40	1529.328995	Other	NA	Electronic	170.75	170.96
Facebook	05-09-18	13:32-15:30			169.75	05-09-18 14:07	1492.832644	Other	NA	Electronic	169.59	169.75
Facebook	05-09-18	15:32-17:30			168.89	05-09-18 16:10	2970.539091	Other	NA	Electronic	168.75	168.89
Facebook	06-09-18	13:32-15:30			164.81	06-09-18 13:40	1475.947586	Other	NA	Electronic	164.81	165
Facebook	07-09-18	13:32-15:30			164.02	07-09-18 14:09	4327.323894	Other	NA	Electronic	163.8	164.02
Facebook	10-09-18	13:32-15:30			163.37	10-09-18 13:42	1436.725002	Other	NA	Electronic	163.19	163.37
Facebook	10-09-18	15:32-17:30			163.84	10-09-18 15:46	1440.858324	Other	NA	Electronic	163.67	163.84
Facebook	11-09-18	13:32-15:30			165.82	11-09-18 14:05	1458.27104	Other	NA	Electronic	165.65	165.82
Facebook	12-09-18	13:32-15:30			163.36	12-09-18 13:52	1436.637059	Other	NA	Electronic	163.36	163.51
Facebook	12-09-18	15:32-17:30			162.73	12-09-18 16:34	2862.193299	Other	NA	Electronic	162.57	162.73
Facebook	13-09-18	13:32-15:30			160.96	13-09-18 14:28	1644.006684	Other	NA	Electronic	160.96	161.12
Facebook	17-09-18	13:32-15:30			160.62	17-09-18 14:46	1412.540674	Other	NA	Electronic	160.62	160.82
Facebook	18-09-18	15:32-17:30			160.37	18-09-18 16:38	1436.637059	Other	NA	Electronic	160.22	160.37

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Facebook	19-09-18	13:32-15:30			159.74	19-09-18 14:14	1404.801689	Other	NA	Electronic	159.74	159.91
Facebook	19-09-18	15:32-17:30			161.56	19-09-18 15:38	1420.807317	Other	NA	Electronic	161.41	161.56
Facebook	20-09-18	13:32-15:30			165	20-09-18 13:47	2862.193299	Other	NA	Electronic	165	165.2
Facebook	21-09-18	15:32-17:30			164.39	21-09-18 16:01	2891.390379	Other	NA	Electronic	164.39	164.55
Facebook	24-09-18	13:32-15:30			163.73	24-09-18 13:56	2891.390379	Other	NA	Electronic	163.5	163.73
Facebook	25-09-18	13:32-15:30			161.75	25-09-18 13:40	11508.04679	Other	NA	Electronic	161.75	161.96
Facebook	25-09-18	15:32-17:30			164.04	25-09-18 15:33	1442.617184	Other	NA	Electronic	164.04	164.21
Facebook	26-09-18	13:32-15:30			166.38	26-09-18 14:04	1463.195849	Other	NA	Electronic	166.2	166.38
Facebook	26-09-18	15:32-17:30			167.61	26-09-18 15:55	1474.01284	Other	NA	Electronic	167.45	167.61
Facebook	27-09-18	13:32-15:30			169.87	27-09-18 14:23	1493.887961	Other	NA	Electronic	169.7	169.87
Facebook	27-09-18	15:32-17:30			171.29	27-09-18 16:43	3012.751737	Other	NA	Electronic	171.13	171.29
Facebook	28-09-18	13:32-15:30			167.82	28-09-18 13:40	1475.859643	Other	NA	Electronic	167.82	168.04
Facebook	28-09-18	15:32-17:30			162.72	28-09-18 17:12	1431.008706	Other	NA	Electronic	162.72	162.96
Fastenal	06-07-18	13:32-15:30			48.24	06-07-18 14:26	2121.185472	Other	NA	Electronic	48.18	48.24
Fastenal	09-07-18	13:32-15:30			49.24	09-07-18 14:08	4330.313957	Other	NA	Electronic	49.24	49.34

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Fastenal	11-07-18	13:32-15:30			51.6	11-07-18 13:40	4330.313957	Other	NA	Electronic	51.46	51.6
Fastenal	11-07-18	15:30-15:32	55.81	490.8099551								
Fastenal	12-07-18	13:32-15:30			55.06	12-07-18 14:27	484.2142292	Other	NA	Electronic	55.06	55.15
Fastenal	17-07-18	15:32-17:30			55.59	17-07-18 16:16	2290.475772	Other	NA	Electronic	55.53	55.59
Fastenal	11-09-18	13:32-15:30			58.61	11-09-18 14:00	1030.867998	Other	NA	Electronic	58.61	58.79
Fedex	06-07-18	15:32-17:30			229.42	06-07-18 17:06	2017.588603	Other	NA	Electronic	228.93	229.42
Fedex	09-07-18	13:32-15:30			230.46	09-07-18 13:40	4053.469352	Other	NA	Electronic	229.78	230.46
Fedex	10-07-18	13:32-15:30			236.83	10-07-18 13:40	10413.77188	Other	NA	Electronic	236.16	236.83
Fedex	19-07-18	13:32-15:30			234.73	19-07-18 13:50	2017.588603	Other	NA	Electronic	234.73	235.34
Fedex	24-07-18	13:32-15:30			239.14	24-07-18 13:43	10413.77188	Other	NA	Electronic	239.14	239.8
Fedex	26-07-18	13:32-15:30			240.94	26-07-18 13:42	2068.155835	Other	NA	Electronic	240.94	241.57
Fedex	31-07-18	13:32-15:30			243.58	31-07-18 13:40	2142.115909	Other	NA	Electronic	243.58	244.21
Fedex	02-08-18	13:32-15:30			239.37	02-08-18 13:56	2174.127166	Other	NA	Electronic	239.37	239.92
Fedex	23-08-18	13:32-15:30			246.43	23-08-18 13:40	2174.742767	Other	NA	Electronic	246.43	247.05
Fedex	23-08-18	15:30-15:32	246.07	6492.041157								

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Fedex	04-09-18	13:32-15:30			242.4	04-09-18 13:40	6492.041157	Other	NA	Electronic	242.4	243.09
Fedex	17-09-18	15:32-17:30			255.34	17-09-18 16:35	2245.536892	Other	NA	Electronic	254.87	255.34
Fedex	18-09-18	13:32-15:30			244.74	18-09-18 13:40	2245.536892	Other	NA	Electronic	244.74	245.42
Ferguson	04-07-18	11:32-13:30			59.98	04-07-18 13:26	1997.047823	Other	NA	Electronic	59.89	59.98
Ferguson	17-09-18	11:32-13:30			63.76	17-09-18 13:26	706.8577073	Other	NA	Electronic	63.76	63.86
Ferguson	17-09-18	13:32-15:30			63.49	17-09-18 15:06	704.6380254	Other	NA	Electronic	63.49	63.58
Ferrari	10-07-18	09:32-11:30			117.051	10-07-18 10:18	1168.5	Other	NA	Electronic	117.051	117.3
Ferrari	11-07-18	09:32-11:30			116.201	11-07-18 11:12	1152.5	Other	NA	Electronic	116.201	116.45
Ferrari	11-07-18	11:32-13:30			117.25	11-07-18 12:34	1172.5	Other	NA	Electronic	116.951	117.25
Ferrari	12-07-18	11:32-13:30			117.151	12-07-18 13:24	1166	Other	NA	Electronic	117.151	117.45
Ferrari	12-07-18	13:32-15:30			118.401	12-07-18 14:21	1184.01	Other	NA	Electronic	118.401	118.7
Ferrari	13-07-18	11:32-13:30			122.651	13-07-18 13:12	1172.5	Other	NA	Electronic	122.651	122.95
Ferrari	20-07-18	09:32-11:30			119.751	20-07-18 10:18	1197.51	Other	NA	Electronic	119.751	120
Ferrari	25-07-18	09:32-11:30			112.251	25-07-18 09:48	1122.51	Other	NA	Electronic	112.251	112.5
Ferrari	25-07-18	11:30-11:32	111.2	1112								

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Ferrari	01-08-18	09:32-11:30			112.1	01-08-18 10:04	1121	Other	NA	Electronic	111.751	112.1
Ferrari	01-08-18	11:32-13:30			113.351	01-08-18 12:30	1245	Other	NA	Electronic	113.351	113.65
Ferrari	01-08-18	13:32-15:30			112.75	01-08-18 14:50	5637.5	Other	NA	Electronic	112.451	112.75
Ferrari	02-08-18	13:32-15:30			106.6	02-08-18 14:18	3198	Other	NA	Electronic	106.351	106.6
Ferrari	03-08-18	11:32-13:30			112.051	03-08-18 11:56	3349.5	Other	NA	Electronic	112.051	112.3
Ferrari	03-08-18	13:32-15:30			110.85	03-08-18 13:42	3325.5	Other	NA	Electronic	110.551	110.85
Ferrari	06-08-18	13:32-15:30			106.701	06-08-18 13:40	3325.5	Other	NA	Electronic	106.701	107.05
Ferrari	07-08-18	09:32-11:30			108.651	07-08-18 10:55	2173.02	Other	NA	Electronic	108.651	108.9
Ferrari	22-08-18	09:32-11:30			110.55	22-08-18 10:27	1105.5	Other	NA	Electronic	110.301	110.55
Ferrari	22-08-18	11:32-13:30			110.15	22-08-18 13:01	1101.5	Other	NA	Electronic	109.851	110.15
Ferrari	27-08-18	09:32-11:30			108.3	27-08-18 10:57	1083	Other	NA	Electronic	108.001	108.3
Ferrari	27-08-18	11:32-13:30			109.001	27-08-18 12:12	1083	Other	NA	Electronic	109.001	109.25
Ferrari	27-08-18	13:32-15:30			110.15	27-08-18 15:06	1101.5	Other	NA	Electronic	109.851	110.15
Fiat Chrysler	02-07-18	11:32-13:30			16.405	02-07-18 13:28	177.84	Other	NA	Electronic	16.405	16.446
Fiat Chrysler	02-07-18	13:32-15:30			16.361	02-07-18 13:45	163.61	Other	NA	Electronic	16.361	16.41



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Fiat Chrysler	03-07-18	13:32-15:30			16.341	03-07-18 14:17	164.16	Other	NA	Electronic	16.341	16.382
Fiat Chrysler	04-07-18	09:32-11:30			16.322	04-07-18 10:21	323.54	Other	NA	Electronic	16.283	16.322
Fiat Chrysler	04-07-18	13:32-15:30			16.183	04-07-18 14:48	161.83	Other	NA	Electronic	16.183	16.226
Fiat Chrysler	05-07-18	09:32-11:30			17.15	05-07-18 10:38	171.5	Other	NA	Electronic	17.103	17.15
Fiat Chrysler	05-07-18	11:32-13:30			17.183	05-07-18 12:24	171.5	Other	NA	Electronic	17.183	17.228
Fiat Chrysler	05-07-18	13:32-15:30			17.079	05-07-18 13:41	336.76	Other	NA	Electronic	17.079	17.124
Fiat Chrysler	06-07-18	13:32-15:30			16.703	06-07-18 14:02	167.03	Other	NA	Electronic	16.703	16.746
Fiat Chrysler	10-07-18	09:32-11:30			17.353	10-07-18 10:17	169.96	Other	NA	Electronic	17.353	17.396
Fiat Chrysler	16-07-18	09:32-11:30			16.681	16-07-18 10:06	834.05	Other	NA	Electronic	16.681	16.724
Fiat Chrysler	16-07-18	11:32-13:30			16.527	16-07-18 12:14	167.34	Other	NA	Electronic	16.527	16.57
Fiat Chrysler	16-07-18	13:30-13:32	16.626	332.52								
Fiat Chrysler	18-07-18	09:32-11:30			16.788	18-07-18 10:33	167.89	Other	NA	Electronic	16.745	16.788
Fiat Chrysler	19-07-18	11:32-13:30			16.881	19-07-18 12:02	331.64	Other	NA	Electronic	16.881	16.922
Fiat Chrysler	23-07-18	11:32-13:30			16.027	23-07-18 12:25	160.27	Other	NA	Electronic	16.027	16.074
Fiat Chrysler	24-07-18	09:32-11:30			16.5	24-07-18 10:05	788.15	Other	NA	Electronic	16.457	16.5

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Fiat Chrysler	25-07-18	09:32-11:30			15.485	25-07-18 11:02	161.18	Other	NA	Electronic	15.485	15.718
Fiat Chrysler	25-07-18	11:32-13:30			15.056	25-07-18 11:44	150.56	Other	NA	Electronic	15.005	15.056
Fiat Chrysler	25-07-18	13:32-15:30			14.952	25-07-18 13:38	1495.2	Other	NA	Electronic	14.907	14.952
Fiat Chrysler	26-07-18	09:32-11:30			14.588	26-07-18 09:53	145.88	Other	NA	Electronic	14.547	14.588
Fiat Chrysler	26-07-18	11:32-13:30			14.701	26-07-18 11:42	291.6	Other	NA	Electronic	14.701	14.742
Fiat Chrysler	26-07-18	13:32-15:30			14.706	26-07-18 13:42	147.06	Other	NA	Electronic	14.667	14.706
Fiat Chrysler	27-07-18	09:32-11:30			14.39	27-07-18 09:40	143.9	Other	NA	Electronic	14.345	14.39
Fiat Chrysler	27-07-18	11:32-13:30			14.407	27-07-18 11:57	144.04	Other	NA	Electronic	14.407	14.448
Fiat Chrysler	30-07-18	11:32-13:30			14.628	30-07-18 11:52	1462.8	Other	NA	Electronic	14.587	14.628
Fiat Chrysler	30-07-18	13:32-15:30			14.717	30-07-18 13:41	1462	Other	NA	Electronic	14.717	14.758
Fiat Chrysler	31-07-18	09:32-11:30			14.578	31-07-18 09:43	146.21	Other	NA	Electronic	14.537	14.578
Fiat Chrysler	31-07-18	11:32-13:30			14.547	31-07-18 11:54	145.47	Other	NA	Electronic	14.547	14.586
Fiat Chrysler	31-07-18	13:32-15:30			14.649	31-07-18 13:35	145.96	Other	NA	Electronic	14.649	14.698
Fiat Chrysler	01-08-18	11:32-13:30			14.406	01-08-18 12:17	144.06	Other	NA	Electronic	14.363	14.406
Fiat Chrysler	01-08-18	13:32-15:30			14.393	01-08-18 14:11	144.06	Other	NA	Electronic	14.393	14.434

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Fiat Chrysler	02-08-18	09:32-11:30			13.998	02-08-18 10:02	139.98	Other	NA	Electronic	13.957	13.998
Fiat Chrysler	06-08-18	13:32-15:30			14.483	06-08-18 13:46	434.49	Other	NA	Electronic	14.483	14.528
Fiat Chrysler	08-08-18	13:32-15:30			14.663	08-08-18 13:50	146.02	Other	NA	Electronic	14.663	14.704
Fiat Chrysler	09-08-18	13:32-15:30			14.463	09-08-18 13:53	144.63	Other	NA	Electronic	14.463	14.504
Fiat Chrysler	10-08-18	11:32-13:30			14.137	10-08-18 12:50	328.96	Other	NA	Electronic	14.137	14.18
Fiat Chrysler	10-08-18	13:32-15:30			14.041	10-08-18 13:56	140.41	Other	NA	Electronic	14.041	14.08
Fiat Chrysler	16-08-18	09:32-11:30			13.819	16-08-18 09:55	1381.9	Other	NA	Electronic	13.819	13.86
Fiat Chrysler	17-08-18	09:32-11:30			13.497	17-08-18 09:35	9064	Other	NA	Electronic	13.497	13.54
Fiat Chrysler	17-08-18	11:32-13:30			13.411	17-08-18 12:43	143.82	Other	NA	Electronic	13.411	13.454
Fiat Chrysler	17-08-18	13:32-15:30			13.67	17-08-18 15:23	1381.9	Other	NA	Electronic	13.627	13.67
Fiat Chrysler	20-08-18	09:32-11:30			14.005	20-08-18 11:14	404.76	Other	NA	Electronic	14.005	14.044
Fiat Chrysler	20-08-18	11:32-13:30			14.056	20-08-18 11:44	140.56	Other	NA	Electronic	14.013	14.056
Fiat Chrysler	20-08-18	13:32-15:30			14.178	20-08-18 15:23	141.78	Other	NA	Electronic	14.137	14.178
Fiat Chrysler	21-08-18	09:32-11:30			14.249	21-08-18 10:10	140.56	Other	NA	Electronic	14.249	14.29
Fiat Chrysler	21-08-18	11:32-13:30			14.338	21-08-18 12:41	145.53	Other	NA	Electronic	14.295	14.338

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Fiat Chrysler	22-08-18	11:32-13:30			14.071	22-08-18 12:26	2532.78	Other	NA	Electronic	14.071	14.114
Fiat Chrysler	24-08-18	13:32-15:30			14.418	24-08-18 13:36	144.18	Other	NA	Electronic	14.379	14.418
Fiat Chrysler	27-08-18	09:32-11:30			14.421	27-08-18 10:00	144.18	Other	NA	Electronic	14.421	14.46
Fiat Chrysler	27-08-18	13:32-15:30			14.779	27-08-18 13:48	7389.5	Other	NA	Electronic	14.779	14.826
Fiat Chrysler	13-09-18	11:32-13:30			15.019	13-09-18 13:05	150.19	Other	NA	Electronic	15.019	15.06
Fiat Chrysler	17-09-18	13:32-15:30			15.01	17-09-18 14:55	150.1	Other	NA	Electronic	14.969	15.01
Fiat Chrysler	21-09-18	11:32-13:30			15.599	21-09-18 12:16	310.56	Other	NA	Electronic	15.599	15.64
Fiat Chrysler	24-09-18	11:32-13:30			15.475	24-09-18 12:05	153.52	Other	NA	Electronic	15.475	15.518
Fiat Chrysler	25-09-18	09:32-11:30			15.632	25-09-18 10:43	625.28	Other	NA	Electronic	15.593	15.632
Fiat Chrysler	28-09-18	13:32-15:30			15.218	28-09-18 15:12	152.18	Other	NA	Electronic	15.181	15.218
FinecoBank	12-07-18	09:32-11:30			10.115	12-07-18 10:55	1099.34	Other	NA	Electronic	10.115	10.145
FinecoBank	19-07-18	09:32-11:30			10.315	19-07-18 10:12	103.05	Other	NA	Electronic	10.315	10.35
FinecoBank	23-07-18	11:32-13:30			10.16	23-07-18 12:11	101.6	Other	NA	Electronic	10.13	10.16
FinecoBank	24-09-18	11:32-13:30			11.645	24-09-18 11:55	116.45	Other	NA	Electronic	11.62	11.645
FinecoBank	25-09-18	09:32-11:30			11.905	25-09-18 11:21	116.45	Other	NA	Electronic	11.905	11.94

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FinecoBank	27-09-18	13:32-15:30			11.76	27-09-18 15:00	585.25	Other	NA	Electronic	11.76	11.79
FinecoBank	28-09-18	11:32-13:30			11.38	28-09-18 11:56	114.35	Other	NA	Electronic	11.35	11.38
Fingerprint Cards	24-07-18	09:32-11:30			6.63	24-07-18 09:43	32.12660694	Other	NA	Electronic	6.41	6.63
Fingerprint Cards	01-08-18	13:32-15:30			8.22	01-08-18 14:12	108.7362081	Other	NA	Electronic	8.22	8.41
Fingerprint Cards	06-09-18	09:32-11:30			12.8	06-09-18 11:03	12.4048437	Other	NA	Electronic	12.61	12.8
Fingerprint Cards	07-09-18	11:32-13:30			12.14	07-09-18 11:52	11.76521895	Other	NA	Electronic	12.03	12.14
Fingerprint Cards	07-09-18	13:32-15:30			12.06	07-09-18 14:52	11.76521895	Other	NA	Electronic	12.06	12.15
Fingerprint Cards	11-09-18	13:32-15:30			10.34	11-09-18 13:46	12.4048437	Other	NA	Electronic	10.34	10.57
Fingerprint Cards	13-09-18	09:32-11:30			11.21	13-09-18 10:47	8.547712615	Other	NA	Electronic	11.21	11.37
Fitbit	11-09-18	13:32-15:30			5.9	11-09-18 14:17	2594.318881	Other	NA	Electronic	5.84	5.9
Fitbit	18-09-18	13:32-15:30			5.77	18-09-18 13:45	50.74311846	Other	NA	Electronic	5.71	5.77
Fitbit	19-09-18	13:32-15:30			5.82	19-09-18 14:57	51.18283352	Other	NA	Electronic	5.82	5.88
Fitbit	19-09-18	15:32-17:30			6.06	19-09-18 16:35	53.29346583	Other	NA	Electronic	6	6.06
Fitbit	24-09-18	13:32-15:30			5.83	24-09-18 13:43	53.29346583	Other	NA	Electronic	5.83	5.89
Fitbit	24-09-18	15:32-17:30			5.73	24-09-18 15:34	100.7826928	Other	NA	Electronic	5.67	5.73

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Fitbit	25-09-18	13:32-15:30			5.7	25-09-18 14:37	100.7826928	Other	NA	Electronic	5.7	5.76
Foot Locker	17-09-18	15:32-17:30			46.79	17-09-18 17:10	411.4853575	Other	NA	Electronic	46.73	46.79
Ford	02-07-18	13:32-15:30			10.96	02-07-18 13:40	104.1245273	Other	NA	Electronic	10.96	11.02
Ford	03-07-18	13:32-15:30			11.03	03-07-18 14:37	97.00114326	Other	NA	Electronic	11.03	11.09
Ford	11-07-18	15:32-17:30			11.06	11-07-18 16:52	97.2649723	Other	NA	Electronic	11.06	11.12
Ford	12-07-18	13:32-15:30			11.07	12-07-18 15:11	194.7058306	Other	NA	Electronic	11.01	11.07
Ford	16-07-18	13:32-15:30			10.83	16-07-18 13:40	949.7845396	Other	NA	Electronic	10.83	10.89
Ford	17-07-18	13:32-15:30			10.89	17-07-18 14:57	670.3895875	Other	NA	Electronic	10.83	10.89
Ford	17-07-18	15:32-17:30			10.87	17-07-18 16:45	95.59405505	Other	NA	Electronic	10.81	10.87
Ford	19-07-18	15:32-17:30			10.86	19-07-18 16:20	573.0366722	Other	NA	Electronic	10.8	10.86
Ford	20-07-18	13:32-15:30			10.52	20-07-18 13:46	194.7058306	Other	NA	Electronic	10.52	10.58
Ford	23-07-18	13:32-15:30			10.46	23-07-18 13:40	95.59405505	Other	NA	Electronic	10.46	10.52
Ford	23-07-18	15:32-17:30			10.49	23-07-18 15:44	184.5044411	Other	NA	Electronic	10.43	10.49
Ford	25-07-18	13:32-15:30			10.2	25-07-18 13:40	432.6796236	Other	NA	Electronic	10.2	10.26
Ford	26-07-18	13:32-15:30			10.16	26-07-18 13:40	89.35010113	Other	NA	Electronic	10.1	10.16

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Ford	26-07-18	15:32-17:30			9.96	26-07-18 15:44	184.5044411	Other	NA	Electronic	9.96	10.02
Ford	27-07-18	13:32-15:30			10.01	27-07-18 14:30	87.94301293	Other	NA	Electronic	10.01	10.07
Ford	27-07-18	15:32-17:30			10	27-07-18 16:29	87.94301293	Other	NA	Electronic	9.94	10
Ford	30-07-18	13:32-15:30			9.98	30-07-18 14:18	89.0862721	Other	NA	Electronic	9.98	10.04
Ford	31-07-18	13:32-15:30			10.04	31-07-18 15:27	87.94301293	Other	NA	Electronic	10.04	10.1
Ford	31-07-18	15:32-17:30			10.11	31-07-18 17:01	266.7311582	Other	NA	Electronic	10.05	10.11
Ford	01-08-18	13:32-15:30			9.96	01-08-18 13:40	102.101838	Other	NA	Electronic	9.96	10.02
Ford	02-08-18	13:32-15:30			9.99	02-08-18 13:52	87.85506991	Other	NA	Electronic	9.93	9.99
Ford	07-08-18	15:32-17:30			10.12	07-08-18 15:33	88.99832908	Other	NA	Electronic	10.06	10.12
Ford	08-08-18	15:32-17:30			10.04	08-08-18 16:07	88.99832908	Other	NA	Electronic	10.04	10.1
Ford	10-08-18	13:32-15:30			9.74	10-08-18 13:40	87.94301293	Other	NA	Electronic	9.74	9.81
Ford	13-08-18	15:32-17:30			9.51	13-08-18 15:47	316.8586756	Other	NA	Electronic	9.51	9.57
Ford	15-08-18	13:32-15:30			9.38	15-08-18 13:46	89.35010113	Other	NA	Electronic	9.38	9.44
Ford	16-08-18	13:32-15:30			9.54	16-08-18 13:41	83.45791927	Other	NA	Electronic	9.54	9.6
Ford	16-08-18	15:32-17:30			9.59	16-08-18 15:57	82.84231818	Other	NA	Electronic	9.53	9.59

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Ford	20-08-18	13:32-15:30			9.69	20-08-18 13:49	104.4762994	Other	NA	Electronic	9.63	9.69
Ford	20-08-18	15:32-17:30			9.74	20-08-18 16:43	85.65649459	Other	NA	Electronic	9.68	9.74
Ford	21-08-18	13:32-15:30			9.75	21-08-18 13:52	304.1948817	Other	NA	Electronic	9.75	9.81
Ford	21-08-18	15:32-17:30			9.78	21-08-18 15:32	85.65649459	Other	NA	Electronic	9.78	9.84
Ford	22-08-18	15:32-17:30			9.77	22-08-18 15:39	85.92032363	Other	NA	Electronic	9.71	9.77
Ford	23-08-18	15:32-17:30			9.59	23-08-18 16:14	84.3373494	Other	NA	Electronic	9.59	9.65
Ford	27-08-18	13:32-15:30			9.81	27-08-18 13:40	85.92032363	Other	NA	Electronic	9.81	9.87
Ford	27-08-18	15:32-17:30			9.95	27-08-18 16:34	101.4862369	Other	NA	Electronic	9.95	10.01
Ford	28-08-18	13:32-15:30			10.05	28-08-18 14:05	883.8272799	Other	NA	Electronic	9.99	10.05
Ford	29-08-18	13:32-15:30			9.88	29-08-18 13:40	426.5236127	Other	NA	Electronic	9.88	9.94
Ford	31-08-18	13:32-15:30			9.68	31-08-18 13:48	85.12883651	Other	NA	Electronic	9.62	9.68
Ford	31-08-18	15:32-17:30			9.53	31-08-18 16:48	83.80969132	Other	NA	Electronic	9.47	9.53
Ford	04-09-18	13:32-15:30			9.57	04-09-18 14:27	84.16146337	Other	NA	Electronic	9.51	9.57
Ford	07-09-18	15:32-17:30			9.41	07-09-18 15:36	82.75437516	Other	NA	Electronic	9.35	9.41
Ford	19-09-18	15:32-17:30			9.79	19-09-18 15:39	248.5269545	Other	NA	Electronic	9.79	9.85



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Ford	24-09-18	13:32-15:30			9.58	24-09-18 14:47	84.24940638	Other	NA	Electronic	9.58	9.64
Ford	25-09-18	15:30-15:32	9.55	83.98557735								
Ford	26-09-18	13:32-15:30			9.39	26-09-18 13:48	82.57848914	Other	NA	Electronic	9.33	9.39
Ford	26-09-18	15:32-17:30			9.35	26-09-18 15:41	82.22671709	Other	NA	Electronic	9.29	9.35
Ford	27-09-18	13:32-15:30			9.35	27-09-18 14:39	84.24940638	Other	NA	Electronic	9.29	9.35
Ford	28-09-18	13:32-15:30			9.11	28-09-18 13:40	105.7954446	Other	NA	Electronic	9.11	9.17
FOX	03-08-18	13:32-15:30			45.49	03-08-18 14:24	400.0527658	Other	NA	Electronic	45.43	45.49
FOX	13-08-18	13:32-15:30			45.4	13-08-18 13:43	400.0527658	Other	NA	Electronic	45.4	45.46
FOX	27-08-18	13:32-15:30			45.38	27-08-18 13:53	399.0853927	Other	NA	Electronic	45.32	45.38
FOX	28-08-18	15:32-17:30			45.17	28-08-18 16:41	399.0853927	Other	NA	Electronic	45.17	45.23
FRA40-AUG18	20-07-18	09:32-11:30			5,373.00	20-07-18 10:23	540.4	Other	NA	Electronic	5,373.00	5,376.00
FRA40-AUG18	20-07-18	13:32-15:30			5,390.00	20-07-18 14:39	5390	Other	NA	Electronic	5,387.00	5,390.00
FRA40-AUG18	20-07-18	15:32-17:30			5,399.00	20-07-18 15:45	5389	Other	NA	Electronic	5,399.00	5,402.00
FRA40-AUG18	23-07-18	09:32-11:30			5,382.00	23-07-18 09:38	5382	Other	NA	Electronic	5,379.00	5,382.00
FRA40-AUG18	23-07-18	13:32-15:30			5,374.00	23-07-18 13:45	5368	Other	NA	Electronic	5,374.00	5,377.00

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FRA40-AUG18	23-07-18	15:30-15:32	5,374.00	5365								
FRA40-AUG18	24-07-18	11:32-13:30			5,439.00	24-07-18 13:27	1087.8	Other	NA	Electronic	5,439.00	5,442.00
FRA40-AUG18	24-07-18	13:32-15:30			5,438.00	24-07-18 15:16	1087.8	Other	NA	Electronic	5,435.00	5,438.00
FRA40-AUG18	24-07-18	15:32-17:30			5,435.00	24-07-18 15:34	5435	Other	NA	Electronic	5,432.00	5,435.00
FRA40-AUG18	30-07-18	11:32-13:30			5,498.00	30-07-18 13:19	5491	Other	NA	Electronic	5,498.00	5,501.00
FRA40-AUG18	30-07-18	13:32-15:30			5,498.00	30-07-18 14:34	5498	Other	NA	Electronic	5,498.00	5,501.00
FRA40-AUG18	30-07-18	15:32-17:30			5,485.00	30-07-18 16:23	5498	Other	NA	Electronic	5,482.00	5,485.00
FRA40-AUG18	31-07-18	11:32-13:30			5,502.00	31-07-18 11:34	550.2	Other	NA	Electronic	5,499.00	5,502.00
FRA40-AUG18	31-07-18	15:32-17:30			5,513.00	31-07-18 15:39	550.2	Other	NA	Electronic	5,513.00	5,516.00
FRA40-AUG18	01-08-18	09:32-11:30			5,511.00	01-08-18 10:22	5374	Other	NA	Electronic	5,508.00	5,511.00
FRA40-AUG18	01-08-18	11:32-13:30			5,506.00	01-08-18 12:16	10972	Other	NA	Electronic	5,503.00	5,506.00
FRA40-AUG18	01-08-18	13:32-15:30			5,509.00	01-08-18 14:49	550.9	Other	NA	Electronic	5,506.00	5,509.00
FRA40-AUG18	03-08-18	13:32-15:30			5,478.00	03-08-18 14:36	5478	Other	NA	Electronic	5,475.00	5,478.00
FRA40-AUG18	03-08-18	15:32-17:30			5,479.00	03-08-18 16:45	5478	Other	NA	Electronic	5,479.00	5,482.00
FRA40-AUG18	06-08-18	09:32-11:30			5,488.00	06-08-18 11:18	5488	Other	NA	Electronic	5,488.00	5,491.00

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FRA40-AUG18	06-08-18	11:32-13:30			5,483.00	06-08-18 11:35	5488	Other	NA	Electronic	5,480.00	5,483.00
FRA40-AUG18	06-08-18	13:32-15:30			5,459.00	06-08-18 13:40	5459	Other	NA	Electronic	5,456.00	5,459.00
FRA40-AUG18	06-08-18	15:32-17:30			5,476.00	06-08-18 15:39	5468	Other	NA	Electronic	5,476.00	5,479.00
FRA40-AUG18	14-08-18	13:32-15:30			5,400.00	14-08-18 13:57	540	Other	NA	Electronic	5,400.00	5,403.00
FRA40-AUG18	15-08-18	11:32-13:30			5,341.00	15-08-18 11:53	540	Other	NA	Electronic	5,338.00	5,341.00
FRA40Cash	02-07-18	09:32-11:30			5,267.40	02-07-18 09:35	5267.9	Other	NA	Electronic	5,265.60	5,267.40
FRA40Cash	02-07-18	11:32-13:30			5,286.90	02-07-18 11:56	5286.9	Other	NA	Electronic	5,285.10	5,286.90
FRA40Cash	02-07-18	13:32-15:30			5,279.40	02-07-18 13:45	531.39	Other	NA	Electronic	5,277.60	5,279.40
FRA40Cash	02-07-18	15:32-17:30			5,274.90	02-07-18 16:00	527.49	Other	NA	Electronic	5,272.60	5,274.90
FRA40Cash	03-07-18	09:32-11:30			5,319.40	03-07-18 09:44	5319.4	Other	NA	Electronic	5,319.40	5,321.20
FRA40Cash	03-07-18	11:32-13:30			5,333.20	03-07-18 11:39	5327.9	Other	NA	Electronic	5,331.40	5,333.20
FRA40Cash	03-07-18	13:30-13:32	5,329.90	5329.9								
FRA40Cash	03-07-18	15:32-17:30			5,318.10	03-07-18 15:35	5316.2	Other	NA	Electronic	5,318.10	5,320.40
FRA40Cash	04-07-18	09:32-11:30			5,326.40	04-07-18 09:46	5326.4	Other	NA	Electronic	5,324.60	5,326.40
FRA40Cash	04-07-18	11:32-13:30			5,331.20	04-07-18 11:33	5332.6	Other	NA	Electronic	5,329.40	5,331.20

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
FRA40Cash	04-07-18	13:32-15:30			5,313.40	04-07-18 14:00	5313.4	Other	NA	Electronic	5,313.40	5,315.20
FRA40Cash	04-07-18	15:32-17:30			5,322.90	04-07-18 15:38	5325.9	Other	NA	Electronic	5,320.60	5,322.90
FRA40Cash	05-07-18	09:32-11:30			5,364.40	05-07-18 09:38	10728.8	Other	NA	Electronic	5,364.40	5,366.20
FRA40Cash	05-07-18	11:32-13:30			5,386.90	05-07-18 11:46	5356.7	Other	NA	Electronic	5,386.90	5,388.70
FRA40Cash	05-07-18	13:30-13:32	5,373.70	2691.45								
FRA40Cash	05-07-18	15:30-15:32	5,367.20	48304.8								
FRA40Cash	06-07-18	09:32-11:30			5,376.90	06-07-18 09:33	48357.9	Other	NA	Electronic	5,375.10	5,376.90
FRA40Cash	06-07-18	11:30-11:32	5,361.90	536.14								
FRA40Cash	06-07-18	13:32-15:30			5,346.90	06-07-18 13:48	5346.9	Other	NA	Electronic	5,346.90	5,348.70
FRA40Cash	06-07-18	15:32-17:30			5,375.60	06-07-18 15:51	537.56	Other	NA	Electronic	5,375.60	5,377.90
FRA40Cash	09-07-18	09:32-11:30			5,410.70	09-07-18 09:37	1082.14	Other	NA	Electronic	5,408.90	5,410.70
FRA40Cash	09-07-18	11:30-11:32	5,389.90	1081.74								
FRA40Cash	09-07-18	13:32-15:30			5,393.90	09-07-18 13:32	5400.4	Other	NA	Electronic	5,392.10	5,393.90
FRA40Cash	09-07-18	15:30-15:32	5,402.65	5942.12								
FRA40Cash	10-07-18	09:30-09:32	5,414.90	1082.48								

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FRA40Cash	10-07-18	11:32-13:30			5,434.40	10-07-18 11:38	5434.4	Other	NA	Electronic	5,434.40	5,436.20
FRA40Cash	10-07-18	13:32-15:30			5,425.40	10-07-18 13:32	542.47	Other	NA	Electronic	5,425.40	5,427.20
FRA40Cash	10-07-18	15:32-17:30			5,436.60	10-07-18 15:32	5435.4	Other	NA	Electronic	5,436.60	5,438.90
FRA40Cash	11-07-18	09:32-11:30			5,371.90	11-07-18 09:35	537.87	Other	NA	Electronic	5,371.90	5,373.70
FRA40Cash	11-07-18	11:32-13:30			5,375.20	11-07-18 12:17	5375.2	Other	NA	Electronic	5,373.40	5,375.20
FRA40Cash	11-07-18	13:32-15:30			5,365.70	11-07-18 13:36	1073.14	Other	NA	Electronic	5,363.90	5,365.70
FRA40Cash	11-07-18	15:32-17:30			5,356.40	11-07-18 15:48	535.64	Other	NA	Electronic	5,354.10	5,356.40
FRA40Cash	12-07-18	09:30-09:32	5,375.40	537.54								
FRA40Cash	12-07-18	11:32-13:30			5,400.40	12-07-18 11:32	538.07	Other	NA	Electronic	5,400.40	5,402.20
FRA40Cash	12-07-18	13:32-15:30			5,392.70	12-07-18 13:39	5392.7	Other	NA	Electronic	5,390.90	5,392.70
FRA40Cash	12-07-18	15:32-17:30			5,405.60	12-07-18 15:32	5405.6	Other	NA	Electronic	5,405.60	5,407.90
FRA40Cash	13-07-18	09:32-11:30			5,422.90	13-07-18 09:33	5427.9	Other	NA	Electronic	5,421.10	5,422.90
FRA40Cash	13-07-18	11:32-13:30			5,427.70	13-07-18 11:38	5427.7	Other	NA	Electronic	5,425.90	5,427.70
FRA40Cash	13-07-18	13:32-15:30			5,430.90	13-07-18 13:38	543.09	Other	NA	Electronic	5,429.10	5,430.90
FRA40Cash	13-07-18	15:32-17:30			5,422.60	13-07-18 15:47	542.89	Other	NA	Electronic	5,422.60	5,424.90

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FRA40Cash	16-07-18	09:32-11:30			5,425.40	16-07-18 09:52	5425.4	Other	NA	Electronic	5,425.40	5,427.20
FRA40Cash	16-07-18	11:32-13:30			5,405.60	16-07-18 11:47	5405.6	Other	NA	Electronic	5,405.60	5,407.40
FRA40Cash	16-07-18	13:32-15:30			5,415.90	16-07-18 14:09	541.59	Other	NA	Electronic	5,415.90	5,417.70
FRA40Cash	16-07-18	15:32-17:30			5,409.10	16-07-18 15:35	5408.9	Other	NA	Electronic	5,409.10	5,411.40
FRA40Cash	17-07-18	09:32-11:30			5,407.60	17-07-18 09:38	5407.6	Other	NA	Electronic	5,407.60	5,409.40
FRA40Cash	17-07-18	11:32-13:30			5,388.10	17-07-18 11:41	5388.1	Other	NA	Electronic	5,388.10	5,389.90
FRA40Cash	17-07-18	13:32-15:30			5,395.40	17-07-18 13:42	5393.7	Other	NA	Electronic	5,395.40	5,397.20
FRA40Cash	17-07-18	15:32-17:30			5,421.60	17-07-18 15:37	5421.6	Other	NA	Electronic	5,421.60	5,423.90
FRA40Cash	18-07-18	09:32-11:30			5,453.20	18-07-18 09:34	545.32	Other	NA	Electronic	5,451.40	5,453.20
FRA40Cash	18-07-18	11:32-13:30			5,452.40	18-07-18 11:46	545.24	Other	NA	Electronic	5,450.60	5,452.40
FRA40Cash	18-07-18	13:32-15:30			5,456.60	18-07-18 13:35	5456.7	Other	NA	Electronic	5,456.60	5,458.40
FRA40Cash	18-07-18	15:32-17:30			5,454.70	18-07-18 15:33	5454.7	Other	NA	Electronic	5,452.40	5,454.70
FRA40Cash	19-07-18	09:32-11:30			5,424.60	19-07-18 10:14	542.46	Other	NA	Electronic	5,424.60	5,426.40
FRA40Cash	19-07-18	11:32-13:30			5,420.90	19-07-18 12:28	5421.7	Other	NA	Electronic	5,420.90	5,422.70
FRA40Cash	19-07-18	13:32-15:30			5,419.90	19-07-18 14:20	5421.6	Other	NA	Electronic	5,418.10	5,419.90

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FRA40Cash	19-07-18	15:30-15:32	5,412.20	5414.1								
FRA40Cash	20-07-18	09:30-09:32	5,410.90	5410.9								
FRA40Cash	20-07-18	11:30-11:32	5,390.90	2691.45								
FRA40Cash	20-07-18	13:30-13:32	5,354.90	5352.2								
FRA40Cash	20-07-18	15:32-17:30			5,400.40	20-07-18 15:34	5401.9	Other	NA	Electronic	5,398.10	5,400.40
FRA40Cash	23-07-18	09:32-11:30			5,376.90	23-07-18 09:47	5378.1	Other	NA	Electronic	5,375.10	5,376.90
FRA40Cash	23-07-18	11:32-13:30			5,374.20	23-07-18 12:00	10750.8	Other	NA	Electronic	5,372.40	5,374.20
FRA40Cash	23-07-18	13:32-15:30			5,376.20	23-07-18 13:45	536.54	Other	NA	Electronic	5,374.40	5,376.20
FRA40Cash	23-07-18	15:32-17:30			5,378.10	23-07-18 15:39	5378.1	Other	NA	Electronic	5,378.10	5,380.40
FRA40Cash	24-07-18	09:32-11:30			5,427.90	24-07-18 09:33	5427.9	Other	NA	Electronic	5,427.90	5,429.70
FRA40Cash	24-07-18	11:32-13:30			5,423.60	24-07-18 11:38	5422.7	Other	NA	Electronic	5,423.60	5,425.40
FRA40Cash	24-07-18	13:32-15:30			5,444.90	24-07-18 13:34	538.01	Other	NA	Electronic	5,443.40	5,445.20
FRA40Cash	24-07-18	15:32-17:30			5,435.20	24-07-18 15:35	5436.9	Other	NA	Electronic	5,432.90	5,435.20
FRA40Cash	25-07-18	09:32-11:30			5,441.40	25-07-18 09:47	5441.4	Other	NA	Electronic	5,439.60	5,441.40
FRA40Cash	25-07-18	11:32-13:30			5,430.90	25-07-18 11:47	5430.2	Other	NA	Electronic	5,430.90	5,432.70

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FRA40Cash	25-07-18	13:32-15:30			5,423.70	25-07-18 13:43	24526.8	Other	NA	Electronic	5,421.90	5,423.70
FRA40Cash	25-07-18	15:32-17:30			5,430.90	25-07-18 15:41	1083.88	Other	NA	Electronic	5,428.60	5,430.90
FRA40Cash	26-07-18	09:32-11:30			5,467.40	26-07-18 09:52	5467.4	Other	NA	Electronic	5,465.60	5,467.40
FRA40Cash	26-07-18	11:32-13:30			5,436.60	26-07-18 11:42	5436.6	Other	NA	Electronic	5,436.60	5,438.40
FRA40Cash	26-07-18	13:32-15:30			5,455.20	26-07-18 13:40	5379.9	Other	NA	Electronic	5,453.40	5,455.20
FRA40Cash	26-07-18	15:32-17:30			5,476.70	26-07-18 15:32	535.26	Other	NA	Electronic	5,474.40	5,476.70
FRA40Cash	27-07-18	09:32-11:30			5,489.20	27-07-18 09:47	542.04	Other	NA	Electronic	5,487.40	5,489.20
FRA40Cash	27-07-18	11:30-11:32	5,498.20	5498.2								
FRA40Cash	27-07-18	13:32-15:30			5,492.40	27-07-18 13:39	5497.2	Other	NA	Electronic	5,492.40	5,494.20
FRA40Cash	27-07-18	15:32-17:30			5,506.10	27-07-18 15:33	5506.1	Other	NA	Electronic	5,506.10	5,508.40
FRA40Cash	30-07-18	09:32-11:30			5,486.40	30-07-18 09:47	5486.4	Other	NA	Electronic	5,484.60	5,486.40
FRA40Cash	30-07-18	11:32-13:30			5,499.90	30-07-18 11:33	5499.9	Other	NA	Electronic	5,499.90	5,501.70
FRA40Cash	30-07-18	13:32-15:30			5,498.90	30-07-18 14:02	5500.6	Other	NA	Electronic	5,497.10	5,498.90
FRA40Cash	30-07-18	15:32-17:30			5,487.90	30-07-18 15:36	549.51	Other	NA	Electronic	5,485.60	5,487.90
FRA40Cash	31-07-18	09:32-11:30			5,493.20	31-07-18 09:38	21976.4	Other	NA	Electronic	5,491.40	5,493.20



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FRA40Cash	31-07-18	11:32-13:30			5,502.40	31-07-18 11:34	550.24	Other	NA	Electronic	5,500.60	5,502.40
FRA40Cash	31-07-18	13:30-13:32	5,515.20	5500.9								
FRA40Cash	31-07-18	15:32-17:30			5,518.10	31-07-18 15:32	5487.4	Other	NA	Electronic	5,518.10	5,520.40
FRA40Cash	01-08-18	09:32-11:30			5,508.70	01-08-18 09:32	5508.7	Other	NA	Electronic	5,506.60	5,508.40
FRA40Cash	01-08-18	11:32-13:30			5,506.20	01-08-18 12:16	5047.8	Other	NA	Electronic	5,504.40	5,506.20
FRA40Cash	01-08-18	13:30-13:32	5,508.40	5541.4								
FRA40Cash	01-08-18	15:32-17:30			5,496.90	01-08-18 15:37	549.74	Other	NA	Electronic	5,494.60	5,496.90
FRA40Cash	02-08-18	09:32-11:30			5,451.90	02-08-18 09:42	8150.85	Other	NA	Electronic	5,451.90	5,453.70
FRA40Cash	02-08-18	11:30-11:32	5,465.20	549.96								
FRA40Cash	02-08-18	13:32-15:30			5,455.50	02-08-18 13:35	548.54	Other	NA	Electronic	5,453.70	5,455.50
FRA40Cash	02-08-18	15:32-17:30			5,481.20	02-08-18 16:38	10962.4	Other	NA	Electronic	5,478.90	5,481.20
FRA40Cash	03-08-18	09:32-11:30			5,477.70	03-08-18 10:29	5482	Other	NA	Electronic	5,477.70	5,479.50
FRA40Cash	03-08-18	11:32-13:30			5,488.70	03-08-18 11:33	5485	Other	NA	Electronic	5,488.70	5,490.50
FRA40Cash	03-08-18	13:32-15:30			5,466.00	03-08-18 13:37	1641.57	Other	NA	Electronic	5,464.20	5,466.00
FRA40Cash	03-08-18	15:32-17:30			5,478.60	03-08-18 15:34	548.24	Other	NA	Electronic	5,478.60	5,480.90

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FRA40Cash	06-08-18	09:32-11:30			5,492.20	06-08-18 09:53	5492.2	Other	NA	Electronic	5,490.40	5,492.20
FRA40Cash	06-08-18	11:30-11:32	5,488.70	5490.4								
FRA40Cash	06-08-18	13:32-15:30			5,462.10	06-08-18 13:34	5471.2	Other	NA	Electronic	5,462.10	5,463.90
FRA40Cash	06-08-18	15:32-17:30			5,477.90	06-08-18 15:35	5469.1	Other	NA	Electronic	5,475.60	5,477.90
FRA40Cash	07-08-18	09:32-11:30			5,511.90	07-08-18 09:43	5511.9	Other	NA	Electronic	5,511.90	5,513.70
FRA40Cash	07-08-18	11:32-13:30			5,523.60	07-08-18 11:43	5521.2	Other	NA	Electronic	5,523.60	5,525.40
FRA40Cash	07-08-18	13:30-13:32	5,519.90	5519.9								
FRA40Cash	07-08-18	15:32-17:30			5,520.60	07-08-18 15:34	553.32	Other	NA	Electronic	5,520.60	5,522.90
FRA40Cash	08-08-18	11:32-13:30			5,519.10	08-08-18 11:40	11038.2	Other	NA	Electronic	5,519.10	5,520.90
FRA40Cash	08-08-18	13:32-15:30			5,502.70	08-08-18 13:34	550.27	Other	NA	Electronic	5,500.90	5,502.70
FRA40Cash	08-08-18	15:32-17:30			5,496.60	08-08-18 15:49	5496.6	Other	NA	Electronic	5,496.60	5,498.90
FRA40Cash	09-08-18	09:32-11:30			5,473.40	09-08-18 11:00	5473.4	Other	NA	Electronic	5,473.60	5,475.40
FRA40Cash	09-08-18	11:32-13:30			5,479.40	09-08-18 11:35	547.94	Other	NA	Electronic	5,479.40	5,481.20
FRA40Cash	09-08-18	13:30-13:32	5,495.40	5497.9								
FRA40Cash	09-08-18	15:32-17:30			5,500.40	09-08-18 15:47	5500.4	Other	NA	Electronic	5,498.10	5,500.40

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FRA40Cash	10-08-18	09:32-11:30			5,435.20	10-08-18 09:43	21740.8	Other	NA	Electronic	5,433.40	5,435.20
FRA40Cash	10-08-18	11:32-13:30			5,429.10	10-08-18 11:52	5429.1	Other	NA	Electronic	5,429.10	5,430.90
FRA40Cash	10-08-18	13:32-15:30			5,410.40	10-08-18 13:54	561.52	Other	NA	Electronic	5,410.10	5,411.90
FRA40Cash	10-08-18	15:32-17:30			5,416.90	10-08-18 15:47	5391.1	Other	NA	Electronic	5,414.60	5,416.90
FRA40Cash	13-08-18	09:32-11:30			5,395.90	13-08-18 09:45	5395.9	Other	NA	Electronic	5,395.90	5,397.70
FRA40Cash	13-08-18	11:32-13:30			5,400.40	13-08-18 11:32	5405.7	Other	NA	Electronic	5,400.40	5,402.20
FRA40Cash	13-08-18	13:32-15:30			5,417.70	13-08-18 13:49	541.77	Other	NA	Electronic	5,415.90	5,417.70
FRA40Cash	13-08-18	15:32-17:30			5,417.40	13-08-18 15:40	5421.4	Other	NA	Electronic	5,415.10	5,417.40
FRA40Cash	14-08-18	09:32-11:30			5,424.70	14-08-18 09:44	48857.4	Other	NA	Electronic	5,422.60	5,424.40
FRA40Cash	14-08-18	11:32-13:30			5,418.70	14-08-18 11:33	5418.7	Other	NA	Electronic	5,416.90	5,418.70
FRA40Cash	14-08-18	13:32-15:30			5,410.90	14-08-18 13:34	5411.6	Other	NA	Electronic	5,409.10	5,410.90
FRA40Cash	14-08-18	15:32-17:30			5,412.40	14-08-18 15:41	5401.9	Other	NA	Electronic	5,410.10	5,412.40
FRA40Cash	15-08-18	09:32-11:30			5,393.90	15-08-18 09:50	2705.3	Other	NA	Electronic	5,392.10	5,393.90
FRA40Cash	15-08-18	11:30-11:32	5,340.10	15020.4								
FRA40Cash	15-08-18	13:32-15:30			5,347.20	15-08-18 13:39	1067.82	Other	NA	Electronic	5,345.40	5,347.20

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FRA40Cash	15-08-18	15:32-17:30			5,302.10	15-08-18 15:37	5302.1	Other	NA	Electronic	5,302.10	5,304.40
FRA40Cash	16-08-18	09:32-11:30			5,328.10	16-08-18 09:33	26628.5	Other	NA	Electronic	5,328.10	5,329.90
FRA40Cash	16-08-18	11:32-13:30			5,329.40	16-08-18 11:49	5314.7	Other	NA	Electronic	5,329.40	5,331.20
FRA40Cash	16-08-18	13:30-13:32	5,331.20	5331.2								
FRA40Cash	16-08-18	15:32-17:30			5,349.60	16-08-18 15:34	5341.4	Other	NA	Electronic	5,349.60	5,351.90
FRA40Cash	17-08-18	09:32-11:30			5,342.40	17-08-18 09:39	47547.36	Other	NA	Electronic	5,342.10	5,343.90
FRA40Cash	17-08-18	11:32-13:30			5,338.40	17-08-18 11:32	10688.8	Other	NA	Electronic	5,338.40	5,340.20
FRA40Cash	17-08-18	13:32-15:30			5,317.90	17-08-18 13:46	531.79	Other	NA	Electronic	5,317.90	5,319.70
FRA40Cash	17-08-18	15:32-17:30			5,353.60	17-08-18 16:00	47647.04	Other	NA	Electronic	5,353.60	5,355.90
FRA40Cash	20-08-18	09:32-11:30			5,385.40	20-08-18 09:52	5377.1	Other	NA	Electronic	5,383.60	5,385.40
FRA40Cash	20-08-18	11:32-13:30			5,372.60	20-08-18 11:33	538.82	Other	NA	Electronic	5,372.60	5,374.40
FRA40Cash	20-08-18	13:32-15:30			5,385.60	20-08-18 13:35	1607.01	Other	NA	Electronic	5,385.90	5,387.70
FRA40Cash	20-08-18	15:32-17:30			5,380.10	20-08-18 15:35	10760.2	Other	NA	Electronic	5,380.10	5,382.40
FRA40Cash	21-08-18	09:30-09:32	5,415.40	5415.4								
FRA40Cash	21-08-18	11:32-13:30			5,422.90	21-08-18 11:42	542.29	Other	NA	Electronic	5,422.90	5,424.70

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FRA40Cash	21-08-18	13:32-15:30			5,426.10	21-08-18 13:32	542.61	Other	NA	Electronic	5,426.40	5,428.20
FRA40Cash	21-08-18	15:32-17:30			5,415.90	21-08-18 15:44	10831.8	Other	NA	Electronic	5,413.60	5,415.90
FRA40Cash	22-08-18	09:32-11:30			5,424.40	22-08-18 10:12	5419.9	Other	NA	Electronic	5,422.60	5,424.40
FRA40Cash	22-08-18	11:30-11:32	5,430.10	543.01								
FRA40Cash	22-08-18	13:32-15:30			5,423.20	22-08-18 13:35	5417.4	Other	NA	Electronic	5,421.40	5,423.20
FRA40Cash	22-08-18	15:32-17:30			5,424.40	22-08-18 15:32	542.44	Other	NA	Electronic	5,422.10	5,424.40
FRA40Cash	23-08-18	09:32-11:30			5,430.20	23-08-18 09:51	5430.2	Other	NA	Electronic	5,428.40	5,430.20
FRA40Cash	23-08-18	11:30-11:32	5,430.90	5427.9								
FRA40Cash	23-08-18	13:32-15:30			5,428.40	23-08-18 13:40	542.84	Other	NA	Electronic	5,426.60	5,428.40
FRA40Cash	23-08-18	15:32-17:30			5,419.60	23-08-18 15:34	5419.6	Other	NA	Electronic	5,419.60	5,421.90
FRA40Cash	24-08-18	09:32-11:30			5,433.70	24-08-18 09:35	543.37	Other	NA	Electronic	5,431.90	5,433.70
FRA40Cash	24-08-18	11:32-13:30			5,443.10	24-08-18 11:56	5443.1	Other	NA	Electronic	5,443.10	5,444.90
FRA40Cash	24-08-18	13:32-15:30			5,434.70	24-08-18 13:34	5438.4	Other	NA	Electronic	5,432.90	5,434.70
FRA40Cash	24-08-18	15:32-17:30			5,437.60	24-08-18 16:42	543.76	Other	NA	Electronic	5,437.60	5,439.90
FRA40Cash	27-08-18	09:32-11:30			5,458.70	27-08-18 09:44	545.87	Other	NA	Electronic	5,456.90	5,458.70

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FRA40Cash	27-08-18	13:32-15:30			5,468.70	27-08-18 13:37	5432.4	Other	NA	Electronic	5,466.90	5,468.70
FRA40Cash	27-08-18	15:32-17:30			5,483.60	27-08-18 15:33	5483.2	Other	NA	Electronic	5,483.60	5,485.90
FRA40Cash	28-08-18	09:30-09:32	5,484.90	5484.2								
FRA40Cash	28-08-18	11:32-13:30			5,493.40	28-08-18 11:35	5493.4	Other	NA	Electronic	5,493.40	5,495.20
FRA40Cash	28-08-18	13:32-15:30			5,503.20	28-08-18 14:00	550.32	Other	NA	Electronic	5,501.40	5,503.20
FRA40Cash	28-08-18	15:30-15:32	5,497.40	549.74								
FRA40Cash	29-08-18	09:30-09:32	5,481.40	5499.2								
FRA40Cash	29-08-18	11:30-11:32	5,498.70	5491.4								
FRA40Cash	29-08-18	13:32-15:30			5,489.20	29-08-18 13:38	5496.9	Other	NA	Electronic	5,487.40	5,489.20
FRA40Cash	29-08-18	15:32-17:30			5,508.60	29-08-18 16:37	5503.4	Other	NA	Electronic	5,508.60	5,510.90
FRA40Cash	30-08-18	09:32-11:30			5,475.40	30-08-18 10:06	5475.7	Other	NA	Electronic	5,475.40	5,477.20
FRA40Cash	30-08-18	11:32-13:30			5,485.40	30-08-18 11:42	5485.4	Other	NA	Electronic	5,483.60	5,485.40
FRA40Cash	30-08-18	13:32-15:30			5,479.70	30-08-18 13:37	547.54	Other	NA	Electronic	5,477.90	5,479.70
FRA40Cash	30-08-18	15:32-17:30			5,477.20	30-08-18 16:32	5485.1	Other	NA	Electronic	5,474.90	5,477.20
FRA40Cash	31-08-18	09:32-11:30			5,429.20	31-08-18 09:36	5429.2	Other	NA	Electronic	5,427.40	5,429.20

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FRA40Cash	31-08-18	11:32-13:30			5,421.20	31-08-18 12:06	5433.9	Other	NA	Electronic	5,419.40	5,421.20
FRA40Cash	31-08-18	13:30-13:32	5,405.40	5405.4								
FRA40Cash	31-08-18	15:32-17:30			5,406.90	31-08-18 15:44	54069	Other	NA	Electronic	5,404.60	5,406.90
FRA40Cash	03-09-18	09:32-11:30			5,404.40	03-09-18 10:12	5389.2	Other	NA	Electronic	5,404.40	5,406.20
FRA40Cash	03-09-18	11:32-13:30			5,416.20	03-09-18 11:40	10967.8	Other	NA	Electronic	5,414.40	5,416.20
FRA40Cash	03-09-18	13:32-15:30			5,406.90	03-09-18 13:44	5405.7	Other	NA	Electronic	5,406.90	5,408.70
FRA40Cash	03-09-18	15:32-17:30			5,414.10	03-09-18 15:32	1622.91	Other	NA	Electronic	5,414.10	5,416.40
FRA40Cash	04-09-18	09:30-09:32	5,362.75	1610.28								
FRA40Cash	04-09-18	11:32-13:30			5,335.60	04-09-18 11:34	5335.6	Other	NA	Electronic	5,335.90	5,337.70
FRA40Cash	04-09-18	13:32-15:30			5,325.40	04-09-18 13:42	5331.7	Other	NA	Electronic	5,325.40	5,327.20
FRA40Cash	04-09-18	15:32-17:30			5,340.60	04-09-18 15:36	10681.2	Other	NA	Electronic	5,340.60	5,342.90
FRA40Cash	05-09-18	09:32-11:30			5,274.10	05-09-18 09:35	5270.7	Other	NA	Electronic	5,274.10	5,275.90
FRA40Cash	05-09-18	11:32-13:30			5,301.70	05-09-18 11:34	5293.4	Other	NA	Electronic	5,299.90	5,301.70
FRA40Cash	05-09-18	13:32-15:30			5,285.60	05-09-18 13:36	5285.6	Other	NA	Electronic	5,285.60	5,287.40
FRA40Cash	05-09-18	15:32-17:30			5,261.90	05-09-18 15:41	526.41	Other	NA	Electronic	5,259.60	5,261.90

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FRA40Cash	06-09-18	09:32-11:30			5,271.40	06-09-18 10:00	52714	Other	NA	Electronic	5,271.40	5,273.20
FRA40Cash	06-09-18	11:32-13:30			5,279.70	06-09-18 12:29	21087.6	Other	NA	Electronic	5,277.90	5,279.70
FRA40Cash	06-09-18	13:32-15:30			5,290.20	06-09-18 14:00	5266.6	Other	NA	Electronic	5,288.40	5,290.20
FRA40Cash	06-09-18	15:32-17:30			5,249.40	06-09-18 15:52	10498.8	Other	NA	Electronic	5,247.10	5,249.40
FRA40Cash	07-09-18	09:32-11:30			5,240.20	07-09-18 09:34	5240.2	Other	NA	Electronic	5,238.40	5,240.20
FRA40Cash	07-09-18	11:32-13:30			5,228.40	07-09-18 11:41	5228.4	Other	NA	Electronic	5,228.40	5,230.20
FRA40Cash	07-09-18	13:32-15:30			5,240.70	07-09-18 13:39	5240.7	Other	NA	Electronic	5,238.90	5,240.70
FRA40Cash	07-09-18	15:32-17:30			5,253.10	07-09-18 15:36	2101.24	Other	NA	Electronic	5,253.10	5,255.40
FRA40Cash	10-09-18	09:32-11:30			5,265.20	10-09-18 09:37	2632.6	Other	NA	Electronic	5,263.40	5,265.20
FRA40Cash	10-09-18	11:32-13:30			5,283.40	10-09-18 11:41	5278.4	Other	NA	Electronic	5,281.60	5,283.40
FRA40Cash	10-09-18	13:32-15:30			5,285.10	10-09-18 13:49	5274.2	Other	NA	Electronic	5,285.10	5,286.90
FRA40Cash	10-09-18	15:32-17:30			5,270.90	10-09-18 17:07	524.49	Other	NA	Electronic	5,270.90	5,273.20
FRA40Cash	11-09-18	09:32-11:30			5,254.90	11-09-18 09:40	10509.8	Other	NA	Electronic	5,254.90	5,256.70
FRA40Cash	11-09-18	11:32-13:30			5,249.20	11-09-18 12:23	5249.2	Other	NA	Electronic	5,247.40	5,249.20
FRA40Cash	11-09-18	13:32-15:30			5,252.10	11-09-18 13:42	26260.5	Other	NA	Electronic	5,252.10	5,253.90



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FRA40Cash	11-09-18	15:32-17:30			5,290.20	11-09-18 15:34	5277.4	Other	NA	Electronic	5,287.90	5,290.20
FRA40Cash	12-09-18	09:32-11:30			5,308.20	12-09-18 09:33	532.59	Other	NA	Electronic	5,306.40	5,308.20
FRA40Cash	12-09-18	11:30-11:32	5,309.90	530.99								
FRA40Cash	12-09-18	13:32-15:30			5,323.20	12-09-18 13:32	4790.88	Other	NA	Electronic	5,321.40	5,323.20
FRA40Cash	12-09-18	15:32-17:30			5,330.60	12-09-18 15:34	530.99	Other	NA	Electronic	5,330.60	5,332.90
FRA40Cash	13-09-18	09:32-11:30			5,339.40	13-09-18 09:35	5330.4	Other	NA	Electronic	5,339.40	5,341.20
FRA40Cash	13-09-18	11:32-13:30			5,359.40	13-09-18 11:32	5359.4	Other	NA	Electronic	5,359.40	5,361.20
FRA40Cash	13-09-18	13:32-15:30			5,343.90	13-09-18 13:47	534.39	Other	NA	Electronic	5,342.10	5,343.90
FRA40Cash	13-09-18	15:32-17:30			5,328.60	13-09-18 15:35	5335.4	Other	NA	Electronic	5,328.60	5,330.90
FRA40Cash	14-09-18	09:30-09:32	5,347.60	5344.2								
FRA40Cash	14-09-18	11:30-11:32	5,339.40	1069.28								
FRA40Cash	14-09-18	13:32-15:30			5,356.40	14-09-18 13:37	5346.4	Other	NA	Electronic	5,356.40	5,358.20
FRA40Cash	14-09-18	15:32-17:30			5,357.90	14-09-18 15:50	1070.22	Other	NA	Electronic	5,355.60	5,357.90
FRA40Cash	17-09-18	09:32-11:30			5,330.60	17-09-18 09:33	5330.6	Other	NA	Electronic	5,330.60	5,332.40
FRA40Cash	17-09-18	11:32-13:30			5,352.20	17-09-18 11:35	5352.2	Other	NA	Electronic	5,350.40	5,352.20

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FRA40Cash	17-09-18	13:32-15:30			5,355.40	17-09-18 13:39	5355.4	Other	NA	Electronic	5,355.40	5,357.20
FRA40Cash	17-09-18	15:30-15:32	5,351.60	42797.6								
FRA40Cash	18-09-18	09:30-09:32	5,371.70	5373.9								
FRA40Cash	18-09-18	11:32-13:30			5,360.20	18-09-18 11:48	16118.7	Other	NA	Electronic	5,358.40	5,360.20
FRA40Cash	18-09-18	13:30-13:32	5,342.40	5342.4								
FRA40Cash	18-09-18	15:30-15:32	5,360.90	26806								
FRA40Cash	19-09-18	09:32-11:30			5,381.20	19-09-18 10:43	16143.6	Other	NA	Electronic	5,379.40	5,381.20
FRA40Cash	19-09-18	11:32-13:30			5,377.10	19-09-18 11:46	5377.1	Other	NA	Electronic	5,377.10	5,378.90
FRA40Cash	19-09-18	13:32-15:30			5,386.40	19-09-18 13:37	5380.2	Other	NA	Electronic	5,386.40	5,388.20
FRA40Cash	19-09-18	15:32-17:30			5,398.20	19-09-18 15:37	5400.9	Other	NA	Electronic	5,395.90	5,398.20
FRA40Cash	20-09-18	09:30-09:32	5,427.10	5427.1								
FRA40Cash	20-09-18	11:32-13:30			5,440.20	20-09-18 12:06	81603	Other	NA	Electronic	5,438.40	5,440.20
FRA40Cash	20-09-18	13:32-15:30			5,457.70	20-09-18 13:35	81865.5	Other	NA	Electronic	5,455.90	5,457.70
FRA40Cash	20-09-18	15:30-15:32	5,457.90	545.79								
FRA40Cash	21-09-18	09:30-09:32	5,487.80	1097.74								

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FRA40Cash	21-09-18	11:32-13:30			5,487.70	21-09-18 11:46	3292.62	Other	NA	Electronic	5,485.90	5,487.70
FRA40Cash	21-09-18	13:32-15:30			5,497.70	21-09-18 13:52	5497.7	Other	NA	Electronic	5,495.90	5,497.70
FRA40Cash	21-09-18	15:32-17:30			5,496.10	21-09-18 16:00	549.61	Other	NA	Electronic	5,496.10	5,498.40
FRA40Cash	24-09-18	09:32-11:30			5,478.90	24-09-18 09:47	1647.21	Other	NA	Electronic	5,478.90	5,480.70
FRA40Cash	24-09-18	11:32-13:30			5,482.40	24-09-18 11:37	548.24	Other	NA	Electronic	5,482.40	5,484.20
FRA40Cash	24-09-18	13:30-13:32	5,470.07	11504.37								
FRA40Cash	24-09-18	15:30-15:32	5,471.10	5471.1								
FRA40Cash	25-09-18	09:32-11:30			5,487.40	25-09-18 09:32	5487.4	Other	NA	Electronic	5,485.60	5,487.40
FRA40Cash	25-09-18	11:32-13:30			5,488.40	25-09-18 11:33	548.84	Other	NA	Electronic	5,488.40	5,490.20
FRA40Cash	25-09-18	13:30-13:32	5,484.20	547.71								
FRA40Cash	26-09-18	09:32-11:30			5,493.40	26-09-18 09:39	549.34	Other	NA	Electronic	5,491.60	5,493.40
FRA40Cash	26-09-18	11:32-13:30			5,494.90	26-09-18 11:36	5496.7	Other	NA	Electronic	5,494.90	5,496.70
FRA40Cash	26-09-18	13:30-13:32	5,491.90	549.19								
FRA40Cash	26-09-18	15:32-17:30			5,513.90	26-09-18 15:32	549.19	Other	NA	Electronic	5,511.60	5,513.90
FRA40Cash	27-09-18	09:32-11:30			5,497.40	27-09-18 09:37	5497.4	Other	NA	Electronic	5,497.40	5,499.20

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FRA40Cash	27-09-18	11:30-11:32	5,512.70	27563.5								
FRA40Cash	27-09-18	13:32-15:30			5,531.20	27-09-18 13:45	5526.9	Other	NA	Electronic	5,529.40	5,531.20
FRA40Cash	27-09-18	15:32-17:30			5,541.10	27-09-18 15:46	5513.2	Other	NA	Electronic	5,541.10	5,543.40
FRA40Cash	28-09-18	09:32-11:30			5,521.20	28-09-18 09:52	5523.6	Other	NA	Electronic	5,519.40	5,521.20
FRA40Cash	28-09-18	11:30-11:32	5,483.90	5525.4								
FRA40Cash	28-09-18	13:32-15:30			5,486.90	28-09-18 13:45	5485.2	Other	NA	Electronic	5,486.90	5,488.70
FRA40Cash	28-09-18	15:32-17:30			5,493.90	28-09-18 15:38	5493.9	Other	NA	Electronic	5,491.60	5,493.90
FRA40-JUL18	02-07-18	11:30-11:32	5,278.00	21082								
FRA40-JUL18	02-07-18	15:32-17:30			5,267.00	02-07-18 16:19	5267	Other	NA	Electronic	5,267.00	5,270.00
FRA40-JUL18	03-07-18	09:32-11:30			5,327.00	03-07-18 10:30	532.7	Other	NA	Electronic	5,324.00	5,327.00
FRA40-JUL18	03-07-18	15:32-17:30			5,307.00	03-07-18 16:39	5307	Other	NA	Electronic	5,307.00	5,310.00
FRA40-JUL18	04-07-18	09:30-09:32	5,318.00	10636								
FRA40-JUL18	04-07-18	13:32-15:30			5,312.00	04-07-18 14:33	531.2	Other	NA	Electronic	5,312.00	5,315.00
FRA40-JUL18	05-07-18	09:32-11:30			5,358.00	05-07-18 09:32	5346	Other	NA	Electronic	5,358.00	5,361.00
FRA40-JUL18	05-07-18	11:32-13:30			5,389.00	05-07-18 11:56	5386	Other	NA	Electronic	5,386.00	5,389.00

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FRA40-JUL18	05-07-18	13:32-15:30			5,365.00	05-07-18 13:41	5365	Other	NA	Electronic	5,362.00	5,365.00
FRA40-JUL18	05-07-18	15:32-17:30			5,370.00	05-07-18 15:33	5375	Other	NA	Electronic	5,367.00	5,370.00
FRA40-JUL18	06-07-18	09:30-09:32	5,380.00	5380								
FRA40-JUL18	06-07-18	11:32-13:30			5,360.00	06-07-18 11:47	5360	Other	NA	Electronic	5,357.00	5,360.00
FRA40-JUL18	06-07-18	13:32-15:30			5,355.00	06-07-18 13:44	5355	Other	NA	Electronic	5,352.00	5,355.00
FRA40-JUL18	06-07-18	15:32-17:30			5,381.00	06-07-18 17:00	5355	Other	NA	Electronic	5,381.00	5,384.00
FRA40-JUL18	09-07-18	09:32-11:30			5,410.00	09-07-18 10:01	5401	Other	NA	Electronic	5,410.00	5,413.00
FRA40-JUL18	09-07-18	11:32-13:30			5,391.00	09-07-18 12:00	5391	Other	NA	Electronic	5,388.00	5,391.00
FRA40-JUL18	09-07-18	13:32-15:30			5,391.00	09-07-18 13:34	5389	Other	NA	Electronic	5,391.00	5,394.00
FRA40-JUL18	09-07-18	15:32-17:30			5,402.00	09-07-18 15:40	531.2	Other	NA	Electronic	5,399.00	5,402.00
FRA40-JUL18	10-07-18	09:32-11:30			5,414.00	10-07-18 09:38	5413	Other	NA	Electronic	5,414.00	5,417.00
FRA40-JUL18	10-07-18	11:32-13:30			5,420.00	10-07-18 12:25	5420	Other	NA	Electronic	5,417.00	5,420.00
FRA40-JUL18	10-07-18	13:32-15:30			5,430.00	10-07-18 15:07	5430	Other	NA	Electronic	5,430.00	5,433.00
FRA40-JUL18	10-07-18	15:32-17:30			5,426.00	10-07-18 15:40	5426	Other	NA	Electronic	5,426.00	5,429.00
FRA40-JUL18	11-07-18	09:32-11:30			5,370.00	11-07-18 09:37	5370	Other	NA	Electronic	5,370.00	5,373.00

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FRA40-JUL18	11-07-18	11:32-13:30			5,381.00	11-07-18 12:33	5381	Other	NA	Electronic	5,378.00	5,381.00
FRA40-JUL18	11-07-18	13:32-15:30			5,365.00	11-07-18 15:12	1609.5	Other	NA	Electronic	5,365.00	5,368.00
FRA40-JUL18	11-07-18	15:32-17:30			5,360.00	11-07-18 15:54	5397	Other	NA	Electronic	5,357.00	5,360.00
FRA40-JUL18	12-07-18	09:32-11:30			5,375.00	12-07-18 10:11	5375	Other	NA	Electronic	5,372.00	5,375.00
FRA40-JUL18	12-07-18	11:32-13:30			5,398.00	12-07-18 12:03	5374	Other	NA	Electronic	5,398.00	5,401.00
FRA40-JUL18	12-07-18	15:30-15:32	5,406.00	5400								
FRA40-JUL18	13-07-18	13:32-15:30			5,427.00	13-07-18 13:40	10866	Other	NA	Electronic	5,427.00	5,430.00
FRA40-JUL18	13-07-18	15:32-17:30			5,432.00	13-07-18 15:33	16296	Other	NA	Electronic	5,429.00	5,432.00
FRA40-JUL18	16-07-18	09:32-11:30			5,420.00	16-07-18 10:17	16284	Other	NA	Electronic	5,420.00	5,423.00
FRA40-JUL18	16-07-18	11:32-13:30			5,408.00	16-07-18 11:32	16224	Other	NA	Electronic	5,405.00	5,408.00
FRA40-JUL18	16-07-18	13:32-15:30			5,417.00	16-07-18 14:05	5417	Other	NA	Electronic	5,417.00	5,420.00
FRA40-JUL18	17-07-18	09:32-11:30			5,398.00	17-07-18 10:25	16221	Other	NA	Electronic	5,398.00	5,401.00
FRA40-JUL18	17-07-18	11:32-13:30			5,394.00	17-07-18 13:29	5394	Other	NA	Electronic	5,391.00	5,394.00
FRA40-JUL18	18-07-18	11:32-13:30			5,445.00	18-07-18 12:45	5445	Other	NA	Electronic	5,442.00	5,445.00
FRA40-JUL18	19-07-18	13:32-15:30			5,425.00	19-07-18 13:37	5437	Other	NA	Electronic	5,425.00	5,428.00

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FRA40-OCT18	21-09-18	09:32-11:30			5,478.00	21-09-18 10:33	2739	Other	NA	Electronic	5,478.00	5,481.00
FRA40-OCT18	25-09-18	13:32-15:30			5,469.00	25-09-18 14:44	5469	Other	NA	Electronic	5,469.00	5,472.00
FRA40-OCT18	26-09-18	11:32-13:30			5,492.00	26-09-18 12:30	5476	Other	NA	Electronic	5,492.00	5,495.00
FRA40-OCT18	27-09-18	11:32-13:30			5,512.00	27-09-18 12:19	551.2	Other	NA	Electronic	5,509.00	5,512.00
FRA40-OCT18	27-09-18	13:32-15:30			5,524.00	27-09-18 13:59	551.2	Other	NA	Electronic	5,524.00	5,527.00
FRA40-OCT18	27-09-18	15:32-17:30			5,535.00	27-09-18 15:37	2210.8	Other	NA	Electronic	5,535.00	5,538.00
FRA40-SEP18	21-08-18	09:32-11:30			5,419.00	21-08-18 10:19	5419	Other	NA	Electronic	5,416.00	5,419.00
FRA40-SEP18	21-08-18	13:32-15:30			5,423.00	21-08-18 13:33	5419	Other	NA	Electronic	5,423.00	5,426.00
FRA40-SEP18	22-08-18	15:32-17:30			5,415.00	22-08-18 16:50	5415	Other	NA	Electronic	5,415.00	5,418.00
FRA40-SEP18	24-08-18	09:32-11:30			5,442.00	24-08-18 10:01	5426	Other	NA	Electronic	5,442.00	5,445.00
FRA40-SEP18	27-08-18	13:32-15:30			5,463.00	27-08-18 13:33	5460	Other	NA	Electronic	5,463.00	5,466.00
FRA40-SEP18	27-08-18	15:32-17:30			5,484.00	27-08-18 15:32	5484	Other	NA	Electronic	5,481.00	5,484.00
FRA40-SEP18	28-08-18	11:32-13:30			5,499.00	28-08-18 12:24	5499	Other	NA	Electronic	5,496.00	5,499.00
FRA40-SEP18	28-08-18	13:32-15:30			5,497.00	28-08-18 13:50	5504	Other	NA	Electronic	5,497.00	5,500.00
FRA40-SEP18	28-08-18	15:32-17:30			5,487.00	28-08-18 15:36	5487	Other	NA	Electronic	5,484.00	5,487.00

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FRA40-SEP18	29-08-18	15:32-17:30			5,500.00	29-08-18 15:43	5492	Other	NA	Electronic	5,500.00	5,503.00
FRA40-SEP18	31-08-18	11:32-13:30			5,421.00	31-08-18 12:10	5415	Other	NA	Electronic	5,418.00	5,421.00
FRA40-SEP18	31-08-18	13:32-15:30			5,422.00	31-08-18 14:26	5422	Other	NA	Electronic	5,422.00	5,425.00
FRA40-SEP18	31-08-18	15:32-17:30			5,402.00	31-08-18 15:46	5402	Other	NA	Electronic	5,402.00	5,405.00
FRA40-SEP18	04-09-18	09:32-11:30			5,361.00	04-09-18 10:04	5409	Other	NA	Electronic	5,358.00	5,361.00
FRA40-SEP18	04-09-18	11:30-11:32	5,338.00	535.8								
FRA40-SEP18	04-09-18	13:32-15:30			5,350.00	04-09-18 14:17	535	Other	NA	Electronic	5,347.00	5,350.00
FRA40-SEP18	04-09-18	15:32-17:30			5,338.00	04-09-18 16:19	5351	Other	NA	Electronic	5,335.00	5,338.00
FRA40-SEP18	05-09-18	09:32-11:30			5,273.00	05-09-18 09:32	5276	Other	NA	Electronic	5,270.00	5,273.00
FRA40-SEP18	05-09-18	11:32-13:30			5,286.00	05-09-18 12:58	5291	Other	NA	Electronic	5,283.00	5,286.00
FRA40-SEP18	05-09-18	13:32-15:30			5,281.00	05-09-18 14:05	5283	Other	NA	Electronic	5,278.00	5,281.00
FRA40-SEP18	06-09-18	09:32-11:30			5,265.00	06-09-18 11:17	5265	Other	NA	Electronic	5,265.00	5,268.00
FRA40-SEP18	06-09-18	13:32-15:30			5,267.00	06-09-18 14:29	2633.5	Other	NA	Electronic	5,264.00	5,267.00
FRA40-SEP18	06-09-18	15:30-15:32	5,244.00	4737.9								
FRA40-SEP18	11-09-18	09:32-11:30			5,250.00	11-09-18 11:07	26250	Other	NA	Electronic	5,250.00	5,253.00



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FRA40-SEP18	11-09-18	11:32-13:30			5,238.00	11-09-18 12:10	5238	Other	NA	Electronic	5,238.00	5,241.00
FRA40-SEP18	11-09-18	13:32-15:30			5,283.00	11-09-18 15:28	26250	Other	NA	Electronic	5,280.00	5,283.00
FRA40-SEP18	12-09-18	09:32-11:30			5,313.00	12-09-18 10:23	7969.5	Other	NA	Electronic	5,310.00	5,313.00
FRA40-SEP18	12-09-18	13:32-15:30			5,316.00	12-09-18 14:25	7969.5	Other	NA	Electronic	5,316.00	5,319.00
FRA40-SEP18	13-09-18	09:32-11:30			5,349.00	13-09-18 11:00	26210.1	Other	NA	Electronic	5,346.00	5,349.00
FRA40-SEP18	13-09-18	11:32-13:30			5,356.00	13-09-18 11:38	26210.1	Other	NA	Electronic	5,356.00	5,359.00
FRA40-SEP18	13-09-18	13:32-15:30			5,341.00	13-09-18 13:48	42728	Other	NA	Electronic	5,341.00	5,344.00
FRA40-SEP18	13-09-18	15:32-17:30			5,326.00	13-09-18 15:36	42608	Other	NA	Electronic	5,326.00	5,329.00
FRA40-SEP18	14-09-18	13:32-15:30			5,355.00	14-09-18 14:48	5355	Other	NA	Electronic	5,355.00	5,358.00
FRA40-SEP18	14-09-18	15:32-17:30			5,355.00	14-09-18 16:00	53620	Other	NA	Electronic	5,355.00	5,358.00
FRA40-SEP18	17-09-18	09:32-11:30			5,337.00	17-09-18 09:52	53370	Other	NA	Electronic	5,334.00	5,337.00
FRA40-SEP18	17-09-18	13:32-15:30			5,353.00	17-09-18 14:14	5353	Other	NA	Electronic	5,353.00	5,356.00
FRA40-SEP18	17-09-18	15:32-17:30			5,342.00	17-09-18 17:23	5345	Other	NA	Electronic	5,339.00	5,342.00
FRA40-SEP18	18-09-18	09:32-11:30			5,367.00	18-09-18 09:36	5369	Other	NA	Electronic	5,364.00	5,367.00
FRA40-SEP18	18-09-18	11:32-13:30			5,344.00	18-09-18 13:06	5358	Other	NA	Electronic	5,344.00	5,347.00

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FRA40-SEP18	18-09-18	13:32-15:30			5,363.00	18-09-18 13:57	5342	Other	NA	Electronic	5,363.00	5,366.00
FRA40-SEP18	18-09-18	15:32-17:30			5,366.00	18-09-18 15:56	2140.4	Other	NA	Electronic	5,363.00	5,366.00
FRA40-SEP18	19-09-18	09:32-11:30			5,375.00	19-09-18 09:44	5375	Other	NA	Electronic	5,375.00	5,378.00
FRA40-SEP18	19-09-18	11:32-13:30			5,372.00	19-09-18 11:57	5372	Other	NA	Electronic	5,372.00	5,375.00
FRA40-SEP18	19-09-18	13:32-15:30			5,384.00	19-09-18 13:32	5384	Other	NA	Electronic	5,384.00	5,387.00
Franklin	31-07-18	13:32-15:30			34.53	31-07-18 14:21	607.3344473	Other	NA	Electronic	34.47	34.53
Franklin	01-08-18	13:32-15:30			33.54	01-08-18 15:02	607.3344473	Other	NA	Electronic	33.54	33.61
Franklin	25-09-18	13:32-15:30			31.75	25-09-18 15:20	279.219066	Other	NA	Electronic	31.68	31.75
Fraport	27-09-18	09:32-11:30			75.19	27-09-18 10:35	7595	Other	NA	Electronic	75.19	75.41
Freeport-Mc-MoRan	07-08-18	13:32-15:30			15.61	07-08-18 14:28	137.2790432	Other	NA	Electronic	15.61	15.67
Freeport-Mc-MoRan	08-08-18	15:32-17:30			15.28	08-08-18 15:46	268.7538475	Other	NA	Electronic	15.28	15.34
Freeport-Mc-MoRan	14-08-18	13:32-15:30			14.78	14-08-18 13:52	129.9797731	Other	NA	Electronic	14.72	14.78
Freeport-Mc-MoRan	15-08-18	13:32-15:30			14.16	15-08-18 13:40	129.9797731	Other	NA	Electronic	14.16	14.23
Freeport-Mc-MoRan	20-08-18	13:32-15:30			14.11	20-08-18 13:41	124.0875912	Other	NA	Electronic	14.05	14.11
Freeport-Mc-MoRan	20-08-18	15:32-17:30			14.08	20-08-18 16:53	123.8237622	Other	NA	Electronic	14.02	14.08

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Freeport-Mc-MoRan	06-09-18	15:32-17:30			13.54	06-09-18 16:49	119.0748395	Other	NA	Electronic	13.54	13.6
Freeport-Mc-MoRan	07-09-18	15:32-17:30			13.15	07-09-18 16:11	124.0875912	Other	NA	Electronic	13.15	13.21
Freeport-Mc-MoRan	11-09-18	13:32-15:30			12.85	11-09-18 13:55	1130.067716	Other	NA	Electronic	12.79	12.85
Freeport-Mc-MoRan	27-09-18	13:32-15:30			13.75	27-09-18 14:43	120.9216428	Other	NA	Electronic	13.69	13.75
Fresenius Medical	04-07-18	11:32-13:30			83.02	04-07-18 12:30	3320.8	Other	NA	Electronic	82.82	83.02
Fresenius Medical	26-07-18	13:32-15:30			85.84	26-07-18 13:40	853.4	Other	NA	Electronic	85.84	86.04
Fresnillo	03-07-18	11:32-13:30			11.33	03-07-18 13:16	125.7449807	Other	NA	Electronic	11.29	11.33
Fresnillo	03-07-18	13:32-15:30			11.33	03-07-18 13:52	125.7449807	Other	NA	Electronic	11.33	11.37
Fresnillo	10-08-18	11:32-13:30			9.76	10-08-18 12:51	541.6023884	Other	NA	Electronic	9.71	9.76
Fresnillo	13-08-18	09:32-11:30			9.8	13-08-18 10:56	541.6023884	Other	NA	Electronic	9.8	9.84
Fresnillo	07-09-18	09:32-11:30			8.41	07-09-18 10:30	466.6881236	Other	NA	Electronic	8.38	8.41
Fresnillo	12-09-18	09:32-11:30			7.93	12-09-18 10:04	440.0519406	Other	NA	Electronic	7.89	7.93
Fresnillo	13-09-18	11:32-13:30			7.98	13-09-18 12:04	440.0519406	Other	NA	Electronic	7.98	8.01
Fresnillo	20-09-18	09:32-11:30			8.48	20-09-18 11:22	466.6881236	Other	NA	Electronic	8.48	8.51
Fresnillo	24-09-18	09:32-11:30			8.67	24-09-18 10:27	481.1160561	Other	NA	Electronic	8.64	8.67

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Frontier	18-09-18	15:32-17:30			6.43	18-09-18 17:14	56.54735731	Other	NA	Electronic	6.36	6.43
Frontier	21-09-18	13:32-15:30			6.48	21-09-18 15:18	56.54735731	Other	NA	Electronic	6.48	6.54
Frontier	28-09-18	13:32-15:30			6.32	28-09-18 13:40	55.57998417	Other	NA	Electronic	6.26	6.32
G4S	15-08-18	09:32-11:30			2.477	15-08-18 11:21	274.9076057	Other	NA	Electronic	2.477	2.483
G4S	15-08-18	11:32-13:30			2.473	15-08-18 11:33	274.9076057	Other	NA	Electronic	2.468	2.473
G4S	24-08-18	13:32-15:30			2.521	24-08-18 13:58	277.0163036	Other	NA	Electronic	2.515	2.521
G4S	29-08-18	13:32-15:30			2.511	29-08-18 14:16	278.681065	Other	NA	Electronic	2.505	2.511
G4S	30-08-18	13:30-13:32	2.513	278.681065								
G4S	27-09-18	09:32-11:30			2.45	27-09-18 10:18	271.9110351	Other	NA	Electronic	2.443	2.45
Galapagos	26-07-18	13:32-15:30			96.003	26-07-18 15:08	960.03	Other	NA	Electronic	95.758	96.003
Galapagos	01-08-18	11:32-13:30			94.278	01-08-18 12:52	960.03	Other	NA	Electronic	94.278	94.463
Galp Energia	09-07-18	09:32-11:30			17.116	09-07-18 10:25	171.16	Other	NA	Electronic	17.08	17.116
Galp Energia	16-07-18	11:32-13:30			17.066	16-07-18 12:22	170.66	Other	NA	Electronic	17.015	17.066
Galp Energia	18-07-18	13:32-15:30			16.67	18-07-18 13:59	166.7	Other	NA	Electronic	16.67	16.711
Galp Energia	24-07-18	09:32-11:30			16.88	24-07-18 10:48	170.66	Other	NA	Electronic	16.88	16.921

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Galp Energia	25-07-18	13:32-15:30			17.125	25-07-18 14:38	171.25	Other	NA	Electronic	17.125	17.166
Galp Energia	26-07-18	09:32-11:30			17.141	26-07-18 09:56	171.45	Other	NA	Electronic	17.105	17.141
Galp Energia	26-07-18	13:32-15:30			17.31	26-07-18 14:50	173.1	Other	NA	Electronic	17.31	17.346
Galp Energia	01-08-18	09:32-11:30			17.545	01-08-18 11:16	175.45	Other	NA	Electronic	17.545	17.591
Galp Energia	01-08-18	11:32-13:30			17.541	01-08-18 12:01	175.45	Other	NA	Electronic	17.495	17.541
Galp Energia	03-08-18	11:32-13:30			17.521	03-08-18 13:28	175.25	Other	NA	Electronic	17.48	17.521
Galp Energia	15-08-18	13:32-15:30			17.181	15-08-18 14:54	171.95	Other	NA	Electronic	17.145	17.181
GAM	20-09-18	11:32-13:30			7.33	20-09-18 11:58	64.87184933	Other	NA	Electronic	7.27	7.33
Gamesa	06-09-18	13:32-15:30			12.599	06-09-18 14:03	380.16	Other	NA	Electronic	12.567	12.599
GameStop	25-09-18	15:32-17:30			15.72	25-09-18 16:52	138.2464163	Other	NA	Electronic	15.66	15.72
GameStop	26-09-18	15:32-17:30			15.72	26-09-18 16:06	138.2464163	Other	NA	Electronic	15.72	15.78
Gap	18-07-18	13:32-15:30			30.18	18-07-18 13:42	530.824026	Other	NA	Electronic	30.18	30.26
Gap	09-08-18	13:32-15:30			31.27	09-08-18 13:41	824.9934043	Other	NA	Electronic	31.27	31.35
Gap	17-09-18	15:32-17:30			27.29	17-09-18 17:09	239.9964823	Other	NA	Electronic	27.23	27.29
Gap	21-09-18	13:32-15:30			27.72	21-09-18 14:01	243.7780318	Other	NA	Electronic	27.72	27.78

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Gap	24-09-18	15:32-17:30			27.45	24-09-18 15:51	243.7780318	Other	NA	Electronic	27.39	27.45
Gap	25-09-18	15:32-17:30			28.06	25-09-18 16:18	246.7680943	Other	NA	Electronic	28.06	28.12
Gas Natural SDG	13-07-18	09:32-11:30			23.41	13-07-18 10:17	2412.19	Other	NA	Electronic	23.41	23.43
Gas Natural SDG	16-07-18	09:32-11:30			18.673	16-07-18 11:21	186.73	Other	NA	Electronic	23.391	23.449
Gazprom	04-07-18	13:32-15:30			4.41	04-07-18 13:58	41.06938704	Other	NA	Electronic	4.41	4.46
Gazprom	05-07-18	09:32-11:30			4.56	05-07-18 11:16	77.5657374	Other	NA	Electronic	4.49	4.56
Gazprom	09-07-18	13:32-15:30			4.63	09-07-18 13:57	39.4864128	Other	NA	Electronic	4.63	4.66
Gazprom	12-07-18	13:32-15:30			4.59	12-07-18 13:53	40.36584293	Other	NA	Electronic	4.56	4.59
Gazprom	18-07-18	09:32-11:30			4.31	18-07-18 09:45	76.51042125	Other	NA	Electronic	4.31	4.34
Gazprom	24-07-18	09:32-11:30			4.36	24-07-18 10:49	38.34315364	Other	NA	Electronic	4.36	4.39
Gazprom	01-08-18	09:32-11:30			4.47	01-08-18 10:47	38.16726761	Other	NA	Electronic	4.47	4.5
Gazprom	01-08-18	11:32-13:30			4.47	01-08-18 12:52	40.62967197	Other	NA	Electronic	4.47	4.51
Gazprom	08-08-18	13:32-15:30			4.4	08-08-18 13:47	193.4746284	Other	NA	Electronic	4.37	4.4
Gazprom	09-08-18	09:32-11:30			4.34	09-08-18 10:56	189.9569079	Other	NA	Electronic	4.34	4.37
Gazprom	09-08-18	11:32-13:30			4.34	09-08-18 11:43	190.8363381	Other	NA	Electronic	4.3	4.34

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Gazprom	15-08-18	09:32-11:30			4.15	15-08-18 09:35	126.9017677	Other	NA	Electronic	4.15	4.19
Gazprom	30-08-18	11:32-13:30			4.29	30-08-18 12:52	37.11195146	Other	NA	Electronic	4.29	4.33
Gazprom	03-09-18	11:32-13:30			4.41	03-09-18 12:11	38.7828687	Other	NA	Electronic	4.37	4.41
Gazprom	10-09-18	11:32-13:30			4.22	10-09-18 11:40	75.45510509	Other	NA	Electronic	4.22	4.26
Gazprom	18-09-18	09:32-11:30			4.67	18-09-18 09:50	41.06938704	Other	NA	Electronic	4.64	4.67
Gazprom	21-09-18	11:32-13:30			4.74	21-09-18 12:17	41.68498813	Other	NA	Electronic	4.69	4.74
Gazprom	21-09-18	13:32-15:30			4.73	21-09-18 14:35	41.68498813	Other	NA	Electronic	4.73	4.76
GBPAUD	02-07-18	09:32-11:30			1.7856	02-07-18 09:37	3329.522879	Other	NA	Electronic	1.7856	1.78599
GBPAUD	02-07-18	11:32-13:30			1.78717	02-07-18 11:34	5549.204799	Other	NA	Electronic	1.78717	1.78754
GBPAUD	02-07-18	13:32-15:30			1.78552	02-07-18 13:33	55492.04799	Other	NA	Electronic	1.78514	1.78552
GBPAUD	02-07-18	15:30-15:32	1.79281	19977.13728								
GBPAUD	03-07-18	09:30-09:32	1.78301	7768.886719								
GBPAUD	03-07-18	11:32-13:30			1.78388	03-07-18 11:34	1109.84096	Other	NA	Electronic	1.78349	1.78388
GBPAUD	03-07-18	13:32-15:30			1.78195	03-07-18 13:42	3329.522879	Other	NA	Electronic	1.78195	1.78232
GBPAUD	03-07-18	15:30-15:32	1.78574	2219.68192								

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GBPAUD	04-07-18	09:30-09:32	1.78826	8878.727678								
GBPAUD	04-07-18	11:30-11:32	1.78726	16647.6144								
GBPAUD	04-07-18	13:32-15:30			1.78849	04-07-18 13:33	11098.4096	Other	NA	Electronic	1.78855	1.78895
GBPAUD	04-07-18	15:32-17:30			1.79057	04-07-18 15:36	88787.27678	Other	NA	Electronic	1.79018	1.79057
GBPAUD	05-07-18	09:30-09:32	1.79221	21086.97824								
GBPAUD	05-07-18	11:30-11:32	1.79199	59931.41183								
GBPAUD	05-07-18	13:30-13:32	1.78717	392883.6998								
GBPAUD	05-07-18	15:32-17:30			1.78966	05-07-18 15:33	4439.363839	Other	NA	Electronic	1.78926	1.78966
GBPAUD	06-07-18	09:30-09:32	1.78583	5549.204799								
GBPAUD	06-07-18	11:30-11:32	1.78499	7768.886719								
GBPAUD	06-07-18	13:30-13:32	1.78818	13318.09152								
GBPAUD	06-07-18	15:32-17:30			1.78663	06-07-18 15:34	1109.84096	Other	NA	Electronic	1.78663	1.787
GBPAUD	09-07-18	09:30-09:32	1.78258	15537.77344								
GBPAUD	09-07-18	11:30-11:32	1.78461	5549.204799								
GBPAUD	09-07-18	13:32-15:30			1.78442	09-07-18 13:32	2219.68192	Other	NA	Electronic	1.78442	1.7848



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GBPAUD	09-07-18	15:30-15:32	1.77397	2219.68192								
GBPAUD	10-07-18	09:32-11:30			1.77986	10-07-18 09:33	6659.045759	Other	NA	Electronic	1.7795	1.77986
GBPAUD	10-07-18	11:32-13:30			1.78014	10-07-18 11:32	2219.68192	Other	NA	Electronic	1.77975	1.78014
GBPAUD	10-07-18	13:30-13:32	1.78076	5549.204799								
GBPAUD	10-07-18	15:30-15:32	1.77826	48833.00223								
GBPAUD	11-07-18	09:30-09:32	1.79204	14427.93248								
GBPAUD	11-07-18	11:30-11:32	1.7913	13318.09152								
GBPAUD	11-07-18	13:30-13:32	1.79277	22196.8192								
GBPAUD	11-07-18	15:30-15:32	1.78999	15537.77344								
GBPAUD	12-07-18	09:32-11:30			1.78976	12-07-18 09:32	11098.4096	Other	NA	Electronic	1.78976	1.79018
GBPAUD	12-07-18	11:30-11:32	1.7882	33295.22879								
GBPAUD	12-07-18	13:32-15:30			1.78732	12-07-18 13:32	11098.4096	Other	NA	Electronic	1.78729	1.78769
GBPAUD	12-07-18	15:30-15:32	1.78449	107654.5731								
GBPAUD	13-07-18	09:30-09:32	1.77935	1109.84096								
GBPAUD	13-07-18	11:30-11:32	1.77884	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	13-07-18	13:30-13:32	1.78166	5549.204799								
GBPAUD	13-07-18	15:32-17:30			1.78241	13-07-18 15:32	33295.22879	Other	NA	Electronic	1.78209	1.78241
GBPAUD	16-07-18	09:32-11:30			1.78305	16-07-18 09:34	11098.4096	Other	NA	Electronic	1.78305	1.78344
GBPAUD	16-07-18	11:32-13:30			1.78739	16-07-18 11:36	11098.4096	Other	NA	Electronic	1.78699	1.78739
GBPAUD	16-07-18	13:30-13:32	1.78613	6659.045759								
GBPAUD	16-07-18	15:30-15:32	1.78397	11098.4096								
GBPAUD	17-07-18	09:30-09:32	1.78499	26636.18303								
GBPAUD	17-07-18	11:30-11:32	1.78336	3329.522879								
GBPAUD	17-07-18	13:32-15:30			1.78019	17-07-18 13:32	2219.68192	Other	NA	Electronic	1.77982	1.78019
GBPAUD	17-07-18	15:32-17:30			1.78117	17-07-18 15:32	1109.84096	Other	NA	Electronic	1.78117	1.78155
GBPAUD	18-07-18	09:30-09:32	1.77226	1109.84096								
GBPAUD	18-07-18	11:30-11:32	1.77097	6659.045759								
GBPAUD	18-07-18	13:30-13:32	1.77118	4439.363839								
GBPAUD	18-07-18	15:30-15:32	1.76745	24416.50112								
GBPAUD	19-07-18	09:30-09:32	1.76894	3329.522879								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	19-07-18	11:32-13:30			1.76934	19-07-18 11:36	5549.204799	Other	NA	Electronic	1.76897	1.76934
GBPAUD	19-07-18	13:32-15:30			1.76854	19-07-18 13:37	3329.522879	Other	NA	Electronic	1.76854	1.76887
GBPAUD	19-07-18	15:30-15:32	1.77258	16647.6144								
GBPAUD	20-07-18	09:30-09:32	1.76551	2219.68192								
GBPAUD	20-07-18	11:30-11:32	1.76902	305206.2639								
GBPAUD	20-07-18	13:32-15:30			1.76727	20-07-18 13:32	3329.522879	Other	NA	Electronic	1.76689	1.76727
GBPAUD	20-07-18	15:30-15:32	1.76859	1109.84096								
GBPAUD	23-07-18	09:32-11:30			1.77167	23-07-18 09:33	11098.4096	Other	NA	Electronic	1.77167	1.77207
GBPAUD	23-07-18	11:32-13:30			1.77423	23-07-18 11:32	1109.84096	Other	NA	Electronic	1.77423	1.77459
GBPAUD	23-07-18	13:30-13:32	1.77591	62151.09375								
GBPAUD	23-07-18	15:32-17:30			1.77476	23-07-18 15:53	38844.43359	Other	NA	Electronic	1.77481	1.7752
GBPAUD	24-07-18	09:32-11:30			1.77561	24-07-18 09:36	5549.204799	Other	NA	Electronic	1.77561	1.77601
GBPAUD	24-07-18	11:30-11:32	1.77337	36624.75167								
GBPAUD	24-07-18	13:30-13:32	1.77188	63260.93471								
GBPAUD	24-07-18	15:32-17:30			1.77166	24-07-18 15:33	3329.522879	Other	NA	Electronic	1.77128	1.77166

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GBPAUD	25-07-18	09:30-09:32	1.77373	23306.66016								
GBPAUD	25-07-18	11:30-11:32	1.77604	87677.43582								
GBPAUD	25-07-18	13:32-15:30			1.77392	25-07-18 13:35	1109.84096	Other	NA	Electronic	1.77354	1.77392
GBPAUD	25-07-18	15:32-17:30			1.77392	25-07-18 15:33	2219.68192	Other	NA	Electronic	1.77392	1.7743
GBPAUD	26-07-18	09:30-09:32	1.77527	9988.568638								
GBPAUD	26-07-18	11:32-13:30			1.77644	26-07-18 11:32	122082.5056	Other	NA	Electronic	1.77605	1.77644
GBPAUD	26-07-18	13:30-13:32	1.77518	3329.522879								
GBPAUD	26-07-18	15:30-15:32	1.77894	37734.59263								
GBPAUD	27-07-18	09:32-11:30			1.77515	27-07-18 09:33	1109.84096	Other	NA	Electronic	1.77476	1.77515
GBPAUD	27-07-18	11:30-11:32	1.7763	22196.8192								
GBPAUD	27-07-18	13:30-13:32	1.77298	15537.77344								
GBPAUD	27-07-18	15:32-17:30			1.77127	27-07-18 15:41	5549.204799	Other	NA	Electronic	1.7709	1.77127
GBPAUD	30-07-18	09:30-09:32	1.77337	3329.522879								
GBPAUD	30-07-18	11:32-13:30			1.77234	30-07-18 11:34	11098.4096	Other	NA	Electronic	1.77234	1.77274
GBPAUD	30-07-18	13:30-13:32	1.77442	3329.522879								

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GBPAUD	30-07-18	15:32-17:30			1.77363	30-07-18 15:41	3329.522879	Other	NA	Electronic	1.77363	1.774
GBPAUD	31-07-18	09:32-11:30			1.77304	31-07-18 09:33	2219.68192	Other	NA	Electronic	1.77266	1.77304
GBPAUD	31-07-18	11:30-11:32	1.77238	55492.04799								
GBPAUD	31-07-18	13:30-13:32	1.76833	9988.568638								
GBPAUD	31-07-18	15:32-17:30			1.76403	31-07-18 15:36	12208.25056	Other	NA	Electronic	1.76361	1.76403
GBPAUD	01-08-18	09:30-09:32	1.7698	11098.4096								
GBPAUD	01-08-18	11:30-11:32	1.77099	1109.84096								
GBPAUD	01-08-18	13:30-13:32	1.77104	8878.727678								
GBPAUD	01-08-18	15:32-17:30			1.77202	01-08-18 15:48	7768.886719	Other	NA	Electronic	1.77162	1.77202
GBPAUD	02-08-18	09:30-09:32	1.77597	1109.84096								
GBPAUD	02-08-18	11:30-11:32	1.7773	54382.20703								
GBPAUD	02-08-18	13:30-13:32	1.7716	1109.84096								
GBPAUD	02-08-18	15:32-17:30			1.76737	02-08-18 15:37	3329.522879	Other	NA	Electronic	1.7669	1.76737
GBPAUD	03-08-18	09:32-11:30			1.76664	03-08-18 09:45	11098.4096	Other	NA	Electronic	1.76664	1.76711
GBPAUD	03-08-18	11:30-11:32	1.76133	16647.6144								

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GBPAUD	03-08-18	13:30-13:32	1.76082	33295.22879								
GBPAUD	03-08-18	15:32-17:30			1.75808	03-08-18 15:47	11098.4096	Other	NA	Electronic	1.75762	1.75808
GBPAUD	06-08-18	09:30-09:32	1.75243	2219.68192								
GBPAUD	06-08-18	11:32-13:30			1.7515	06-08-18 11:34	6659.045759	Other	NA	Electronic	1.75111	1.7515
GBPAUD	06-08-18	13:32-15:30			1.75137	06-08-18 13:32	33295.22879	Other	NA	Electronic	1.75137	1.75178
GBPAUD	06-08-18	15:30-15:32	1.75125	2219.68192								
GBPAUD	07-08-18	09:32-11:30			1.74473	07-08-18 09:32	3329.522879	Other	NA	Electronic	1.74429	1.74473
GBPAUD	07-08-18	11:32-13:30			1.74317	07-08-18 11:32	27746.02399	Other	NA	Electronic	1.74317	1.74359
GBPAUD	07-08-18	13:32-15:30			1.74219	07-08-18 13:38	35514.91071	Other	NA	Electronic	1.74219	1.7426
GBPAUD	07-08-18	15:32-17:30			1.74427	07-08-18 15:32	5549.204799	Other	NA	Electronic	1.74427	1.74472
GBPAUD	08-08-18	09:32-11:30			1.74031	08-08-18 09:32	5549.204799	Other	NA	Electronic	1.73988	1.74031
GBPAUD	08-08-18	11:30-11:32	1.73597	3329.522879								
GBPAUD	08-08-18	13:32-15:30			1.73896	08-08-18 13:59	33295.22879	Other	NA	Electronic	1.73852	1.73896
GBPAUD	08-08-18	15:30-15:32	1.73702	56601.88895								
GBPAUD	09-08-18	09:32-11:30			1.73447	09-08-18 09:35	11098.4096	Other	NA	Electronic	1.7344	1.73484

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GBPAUD	09-08-18	11:32-13:30			1.73713	09-08-18 11:35	11098.4096	Other	NA	Electronic	1.73713	1.73757
GBPAUD	09-08-18	13:32-15:30			1.73816	09-08-18 14:14	1109.84096	Other	NA	Electronic	1.73816	1.7386
GBPAUD	09-08-18	15:32-17:30			1.74103	09-08-18 15:59	2219.68192	Other	NA	Electronic	1.7406	1.74103
GBPAUD	10-08-18	09:32-11:30			1.74814	10-08-18 09:41	1109.84096	Other	NA	Electronic	1.74814	1.74859
GBPAUD	10-08-18	11:32-13:30			1.74655	10-08-18 11:33	2219.68192	Other	NA	Electronic	1.74655	1.74699
GBPAUD	10-08-18	13:30-13:32	1.74456	443936.3839								
GBPAUD	10-08-18	15:30-15:32	1.74879	3329.522879								
GBPAUD	13-08-18	09:30-09:32	1.75263	3329.522879								
GBPAUD	13-08-18	11:32-13:30			1.75525	13-08-18 11:39	5549.204799	Other	NA	Electronic	1.75485	1.75525
GBPAUD	13-08-18	13:30-13:32	1.75272	1109.84096								
GBPAUD	13-08-18	15:32-17:30			1.75457	13-08-18 15:40	13318.09152	Other	NA	Electronic	1.75417	1.75457
GBPAUD	14-08-18	09:30-09:32	1.75981	8878.727678								
GBPAUD	14-08-18	11:30-11:32	1.75818	56601.88895								
GBPAUD	14-08-18	13:32-15:30			1.76036	14-08-18 13:41	9988.568638	Other	NA	Electronic	1.76036	1.76083
GBPAUD	14-08-18	15:30-15:32	1.75907	2219.68192								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	15-08-18	09:32-11:30			1.75908	15-08-18 09:42	5549.204799	Other	NA	Electronic	1.75908	1.75951
GBPAUD	15-08-18	11:32-13:30			1.75987	15-08-18 11:36	4439.363839	Other	NA	Electronic	1.75987	1.7603
GBPAUD	15-08-18	13:32-15:30			1.75369	15-08-18 13:32	1109.84096	Other	NA	Electronic	1.75369	1.75418
GBPAUD	15-08-18	15:32-17:30			1.75622	15-08-18 15:32	1109.84096	Other	NA	Electronic	1.75622	1.75662
GBPAUD	16-08-18	09:32-11:30			1.74783	16-08-18 09:36	1109.84096	Other	NA	Electronic	1.74783	1.74828
GBPAUD	16-08-18	11:32-13:30			1.748	16-08-18 11:42	5549.204799	Other	NA	Electronic	1.74759	1.748
GBPAUD	16-08-18	13:30-13:32	1.74697	55492.04799								
GBPAUD	16-08-18	15:32-17:30			1.74853	16-08-18 15:33	2219.68192	Other	NA	Electronic	1.74853	1.74896
GBPAUD	17-08-18	09:32-11:30			1.74907	17-08-18 09:33	3329.522879	Other	NA	Electronic	1.74866	1.74907
GBPAUD	17-08-18	11:32-13:30			1.7499	17-08-18 11:45	1109.84096	Other	NA	Electronic	1.7499	1.75035
GBPAUD	17-08-18	13:32-15:30			1.74757	17-08-18 13:37	1109.84096	Other	NA	Electronic	1.74757	1.74799
GBPAUD	17-08-18	15:32-17:30			1.74843	17-08-18 15:33	3329.522879	Other	NA	Electronic	1.74803	1.74843
GBPAUD	20-08-18	09:32-11:30			1.74301	20-08-18 09:32	55492.04799	Other	NA	Electronic	1.74301	1.74342
GBPAUD	20-08-18	11:32-13:30			1.7467	20-08-18 11:32	2219.68192	Other	NA	Electronic	1.7467	1.74707
GBPAUD	20-08-18	13:32-15:30			1.74678	20-08-18 13:35	55492.04799	Other	NA	Electronic	1.74678	1.74723



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	20-08-18	15:32-17:30			1.74615	20-08-18 15:32	2219.68192	Other	NA	Electronic	1.74571	1.74615
GBPAUD	21-08-18	09:32-11:30			1.74236	21-08-18 09:40	2219.68192	Other	NA	Electronic	1.74236	1.74281
GBPAUD	21-08-18	11:32-13:30			1.74479	21-08-18 11:37	11098.4096	Other	NA	Electronic	1.74435	1.74479
GBPAUD	21-08-18	13:32-15:30			1.74737	21-08-18 13:41	11098.4096	Other	NA	Electronic	1.74737	1.74782
GBPAUD	21-08-18	15:32-17:30			1.74982	21-08-18 15:38	1109.84096	Other	NA	Electronic	1.74982	1.75025
GBPAUD	22-08-18	09:32-11:30			1.75412	22-08-18 09:32	1109.84096	Other	NA	Electronic	1.7537	1.75412
GBPAUD	22-08-18	11:30-11:32	1.75267	2219.68192								
GBPAUD	22-08-18	13:32-15:30			1.75804	22-08-18 13:36	5549.204799	Other	NA	Electronic	1.75757	1.75804
GBPAUD	22-08-18	15:32-17:30			1.75619	22-08-18 16:01	11098.4096	Other	NA	Electronic	1.75575	1.75619
GBPAUD	23-08-18	09:32-11:30			1.76333	23-08-18 09:36	2219.68192	Other	NA	Electronic	1.76333	1.76381
GBPAUD	23-08-18	11:32-13:30			1.76761	23-08-18 11:48	1109.84096	Other	NA	Electronic	1.76761	1.76807
GBPAUD	23-08-18	13:32-15:30			1.76905	23-08-18 13:35	2219.68192	Other	NA	Electronic	1.76859	1.76905
GBPAUD	23-08-18	15:32-17:30			1.76638	23-08-18 15:40	1109.84096	Other	NA	Electronic	1.76592	1.76638
GBPAUD	24-08-18	09:32-11:30			1.76309	24-08-18 09:33	2219.68192	Other	NA	Electronic	1.76262	1.76309
GBPAUD	24-08-18	11:32-13:30			1.76085	24-08-18 11:34	9988.568638	Other	NA	Electronic	1.76041	1.76085

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GBPAUD	24-08-18	13:32-15:30			1.75809	24-08-18 13:38	7768.886719	Other	NA	Electronic	1.75765	1.75809
GBPAUD	24-08-18	15:32-17:30			1.753	24-08-18 15:33	1109.84096	Other	NA	Electronic	1.753	1.75346
GBPAUD	27-08-18	09:30-09:32	1.75691	5549.204799								
GBPAUD	27-08-18	11:30-11:32	1.75743	1109.84096								
GBPAUD	27-08-18	13:30-13:32	1.75757	46613.32031								
GBPAUD	27-08-18	15:30-15:32	1.75456	22196.8192								
GBPAUD	28-08-18	09:32-11:30			1.75573	28-08-18 09:35	6659.045759	Other	NA	Electronic	1.75573	1.75612
GBPAUD	28-08-18	11:32-13:30			1.75645	28-08-18 11:46	11098.4096	Other	NA	Electronic	1.75601	1.75645
GBPAUD	28-08-18	13:30-13:32	1.7559	1109.84096								
GBPAUD	28-08-18	15:30-15:32	1.75266	8878.727678								
GBPAUD	29-08-18	09:32-11:30			1.76222	29-08-18 09:34	6659.045759	Other	NA	Electronic	1.76222	1.76266
GBPAUD	29-08-18	11:32-13:30			1.76585	29-08-18 11:33	11098.4096	Other	NA	Electronic	1.76585	1.76627
GBPAUD	29-08-18	13:30-13:32	1.76607	3329.522879								
GBPAUD	29-08-18	15:30-15:32	1.78287	5549.204799								
GBPAUD	30-08-18	09:30-09:32	1.78361	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	30-08-18	11:30-11:32	1.78331	11098.4096								
GBPAUD	30-08-18	13:30-13:32	1.78393	14427.93248								
GBPAUD	30-08-18	15:32-17:30			1.7883	30-08-18 15:35	1109.84096	Other	NA	Electronic	1.78796	1.7883
GBPAUD	31-08-18	09:30-09:32	1.7988	1109.84096								
GBPAUD	31-08-18	11:32-13:30			1.79543	31-08-18 11:36	1109.84096	Other	NA	Electronic	1.79543	1.79583
GBPAUD	31-08-18	13:32-15:30			1.79615	31-08-18 14:04	3329.522879	Other	NA	Electronic	1.79615	1.79652
GBPAUD	31-08-18	15:30-15:32	1.80184	56601.88895								
GBPAUD	03-09-18	09:30-09:32	1.78613	16647.6144								
GBPAUD	03-09-18	11:32-13:30			1.78588	03-09-18 11:32	5549.204799	Other	NA	Electronic	1.78552	1.78588
GBPAUD	03-09-18	13:30-13:32	1.78279	5549.204799								
GBPAUD	03-09-18	15:30-15:32	1.78632	47723.16127								
GBPAUD	04-09-18	09:30-09:32	1.7869	84347.91294								
GBPAUD	04-09-18	11:32-13:30			1.78514	04-09-18 11:34	1109.84096	Other	NA	Electronic	1.78514	1.7855
GBPAUD	04-09-18	13:32-15:30			1.78961	04-09-18 13:37	3329.522879	Other	NA	Electronic	1.78961	1.78997
GBPAUD	04-09-18	15:30-15:32	1.78648	5549.204799								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	05-09-18	09:32-11:30			1.78995	05-09-18 09:32	23306.66016	Other	NA	Electronic	1.78956	1.79003
GBPAUD	05-09-18	11:32-13:30			1.78551	05-09-18 11:35	4439.363839	Other	NA	Electronic	1.78551	1.78586
GBPAUD	05-09-18	13:32-15:30			1.80389	05-09-18 13:33	1109.84096	Other	NA	Electronic	1.80389	1.80429
GBPAUD	05-09-18	15:30-15:32	1.79306	55492.04799								
GBPAUD	06-09-18	09:32-11:30			1.79909	06-09-18 09:51	22196.8192	Other	NA	Electronic	1.7991	1.79945
GBPAUD	06-09-18	11:32-13:30			1.79672	06-09-18 11:35	3329.522879	Other	NA	Electronic	1.79672	1.7971
GBPAUD	06-09-18	13:32-15:30			1.79862	06-09-18 13:33	1109.84096	Other	NA	Electronic	1.79862	1.79896
GBPAUD	06-09-18	15:32-17:30			1.79755	06-09-18 15:38	1109.84096	Other	NA	Electronic	1.79721	1.79755
GBPAUD	07-09-18	09:32-11:30			1.80712	07-09-18 09:32	6659.045759	Other	NA	Electronic	1.80712	1.80745
GBPAUD	07-09-18	11:30-11:32	1.81383	11098.4096								
GBPAUD	07-09-18	13:32-15:30			1.81532	07-09-18 13:34	33295.22879	Other	NA	Electronic	1.81532	1.81565
GBPAUD	07-09-18	15:32-17:30			1.81299	07-09-18 15:42	1109.84096	Other	NA	Electronic	1.81267	1.81299
GBPAUD	10-09-18	09:32-11:30			1.81707	10-09-18 09:32	2219.68192	Other	NA	Electronic	1.81707	1.81742
GBPAUD	10-09-18	11:32-13:30			1.81499	10-09-18 11:40	1109.84096	Other	NA	Electronic	1.81464	1.81499
GBPAUD	10-09-18	13:32-15:30			1.82902	10-09-18 13:32	1109.84096	Other	NA	Electronic	1.82902	1.82937

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	10-09-18	15:30-15:32	1.82881	27746.02399								
GBPAUD	11-09-18	09:32-11:30			1.83436	11-09-18 09:33	55492.04799	Other	NA	Electronic	1.83403	1.83436
GBPAUD	11-09-18	11:32-13:30			1.83309	11-09-18 11:33	1109.84096	Other	NA	Electronic	1.83309	1.83344
GBPAUD	11-09-18	13:32-15:30			1.83212	11-09-18 13:34	1109.84096	Other	NA	Electronic	1.83212	1.83247
GBPAUD	11-09-18	15:32-17:30			1.83183	11-09-18 15:45	1109.84096	Other	NA	Electronic	1.83183	1.83216
GBPAUD	12-09-18	09:30-09:32	1.83078	7768.886719								
GBPAUD	12-09-18	11:32-13:30			1.82572	12-09-18 11:38	1109.84096	Other	NA	Electronic	1.82536	1.82572
GBPAUD	12-09-18	13:30-13:32	1.8264	34405.06975								
GBPAUD	12-09-18	15:32-17:30			1.81668	12-09-18 15:33	2219.68192	Other	NA	Electronic	1.81629	1.81668
GBPAUD	13-09-18	09:30-09:32	1.81697	33295.22879								
GBPAUD	13-09-18	11:32-13:30			1.81394	13-09-18 11:32	2219.68192	Other	NA	Electronic	1.81361	1.81394
GBPAUD	13-09-18	13:32-15:30			1.8152	13-09-18 13:33	16647.6144	Other	NA	Electronic	1.8152	1.81556
GBPAUD	13-09-18	15:30-15:32	1.82275	9988.568638								
GBPAUD	14-09-18	09:32-11:30			1.82288	14-09-18 09:36	1109.84096	Other	NA	Electronic	1.82288	1.82322
GBPAUD	14-09-18	11:32-13:30			1.82442	14-09-18 11:32	1109.84096	Other	NA	Electronic	1.82412	1.82441

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GBPAUD	14-09-18	13:32-15:30			1.82557	14-09-18 13:37	55492.04799	Other	NA	Electronic	1.82557	1.82593
GBPAUD	14-09-18	15:32-17:30			1.8214	14-09-18 15:38	1109.84096	Other	NA	Electronic	1.8214	1.82177
GBPAUD	17-09-18	09:30-09:32	1.82599	113203.7779								
GBPAUD	17-09-18	11:30-11:32	1.82802	14427.93248								
GBPAUD	17-09-18	13:30-13:32	1.82859	1109.84096								
GBPAUD	17-09-18	15:30-15:32	1.82974	1109.84096								
GBPAUD	18-09-18	09:30-09:32	1.81998	37734.59263								
GBPAUD	18-09-18	11:32-13:30			1.82514	18-09-18 11:32	5549.204799	Other	NA	Electronic	1.8248	1.82514
GBPAUD	18-09-18	13:30-13:32	1.82566	6659.045759								
GBPAUD	18-09-18	15:30-15:32	1.82345	13318.09152								
GBPAUD	19-09-18	09:30-09:32	1.81789	12208.25056								
GBPAUD	19-09-18	11:30-11:32	1.81172	16647.6144								
GBPAUD	19-09-18	13:30-13:32	1.81114	1109.84096								
GBPAUD	19-09-18	15:30-15:32	1.80946	12208.25056								
GBPAUD	20-09-18	09:32-11:30			1.819	20-09-18 09:32	3329.522879	Other	NA	Electronic	1.81863	1.819

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GBPAUD	20-09-18	11:30-11:32	1.82252	5549.204799								
GBPAUD	20-09-18	13:30-13:32	1.82203	24416.50112								
GBPAUD	20-09-18	15:30-15:32	1.81999	26636.18303								
GBPAUD	21-09-18	09:32-11:30			1.80919	21-09-18 09:32	1109.84096	Other	NA	Electronic	1.80881	1.80919
GBPAUD	21-09-18	11:32-13:30			1.81153	21-09-18 11:36	1109.84096	Other	NA	Electronic	1.81118	1.81153
GBPAUD	21-09-18	13:30-13:32	1.79973	25526.34208								
GBPAUD	21-09-18	15:32-17:30			1.79589	21-09-18 15:35	22196.8192	Other	NA	Electronic	1.79589	1.79622
GBPAUD	24-09-18	09:30-09:32	1.80324	1109.84096								
GBPAUD	24-09-18	11:30-11:32	1.80723	6659.045759								
GBPAUD	24-09-18	13:30-13:32	1.80945	2219.68192								
GBPAUD	24-09-18	15:32-17:30			1.80835	24-09-18 15:34	1109.84096	Other	NA	Electronic	1.80835	1.80868
GBPAUD	25-09-18	09:32-11:30			1.81509	25-09-18 09:32	1109.84096	Other	NA	Electronic	1.81509	1.81547
GBPAUD	25-09-18	11:32-13:30			1.81488	25-09-18 11:36	22196.8192	Other	NA	Electronic	1.81454	1.81488
GBPAUD	25-09-18	13:30-13:32	1.81113	1109.84096								
GBPAUD	25-09-18	15:30-15:32	1.81376	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD	26-09-18	09:32-11:30			1.81394	26-09-18 09:38	2219.68192	Other	NA	Electronic	1.81394	1.8143
GBPAUD	26-09-18	11:32-13:30			1.81318	26-09-18 11:41	72139.66239	Other	NA	Electronic	1.81318	1.81355
GBPAUD	26-09-18	13:32-15:30			1.81533	26-09-18 13:32	1109.84096	Other	NA	Electronic	1.81533	1.81567
GBPAUD	26-09-18	15:30-15:32	1.81568	106544.7321								
GBPAUD	27-09-18	09:30-09:32	1.81505	4439.363839								
GBPAUD	27-09-18	11:30-11:32	1.8158	16647.6144								
GBPAUD	27-09-18	13:32-15:30			1.81818	27-09-18 13:32	1109.84096	Other	NA	Electronic	1.8178	1.81818
GBPAUD	27-09-18	15:32-17:30			1.81651	27-09-18 15:34	3329.522879	Other	NA	Electronic	1.81613	1.8165
GBPAUD	28-09-18	09:32-11:30			1.81047	28-09-18 09:40	1109.84096	Other	NA	Electronic	1.81005	1.81047
GBPAUD	28-09-18	11:32-13:30			1.8084	28-09-18 11:49	2219.68192	Other	NA	Electronic	1.8084	1.80882
GBPAUD	28-09-18	13:30-13:32	1.80413	8878.727678								
GBPAUD	28-09-18	15:32-17:30			1.80106	28-09-18 15:40	2219.68192	Other	NA	Electronic	1.80106	1.80149
GBPAUD.	02-07-18	09:32-11:30			1.78534	02-07-18 09:42	1109.84096	Other	NA	Electronic	1.78534	1.78549
GBPAUD.	02-07-18	11:32-13:30			1.78618	02-07-18 11:55	22196.8192	Other	NA	Electronic	1.78619	1.78639
GBPAUD.	02-07-18	13:32-15:30			1.78839	02-07-18 14:50	1109.84096	Other	NA	Electronic	1.78818	1.78839



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	02-07-18	15:32-17:30			1.79422	02-07-18 15:37	1109.84096	Other	NA	Electronic	1.79132	1.79152
GBPAUD.	03-07-18	09:32-11:30			1.78196	03-07-18 09:56	5549.204799	Other	NA	Electronic	1.78196	1.78215
GBPAUD.	03-07-18	11:32-13:30			1.78383	03-07-18 11:41	5549.204799	Other	NA	Electronic	1.78383	1.78403
GBPAUD.	03-07-18	13:32-15:30			1.78227	03-07-18 13:42	4439.363839	Other	NA	Electronic	1.78207	1.78227
GBPAUD.	03-07-18	15:32-17:30			1.7834	03-07-18 16:00	47723.16127	Other	NA	Electronic	1.7834	1.78359
GBPAUD.	04-07-18	09:32-11:30			1.78853	04-07-18 09:35	22196.8192	Other	NA	Electronic	1.78853	1.78874
GBPAUD.	04-07-18	11:32-13:30			1.78877	04-07-18 11:45	1109.84096	Other	NA	Electronic	1.78855	1.78877
GBPAUD.	04-07-18	13:32-15:30			1.78927	04-07-18 13:57	3329.522879	Other	NA	Electronic	1.78927	1.78946
GBPAUD.	04-07-18	15:32-17:30			1.79101	04-07-18 15:55	1109.84096	Other	NA	Electronic	1.79101	1.79123
GBPAUD.	05-07-18	09:30-09:32	1.79208	55492.04799								
GBPAUD.	05-07-18	11:30-11:32	1.79211	1109.84096								
GBPAUD.	05-07-18	13:30-13:32	1.78794	12208.25056								
GBPAUD.	05-07-18	15:32-17:30			1.7905	05-07-18 16:00	11098.4096	Other	NA	Electronic	1.79051	1.79071
GBPAUD.	06-07-18	09:30-09:32	1.78551	3329.522879								
GBPAUD.	06-07-18	11:32-13:30			1.7846	06-07-18 11:56	1109.84096	Other	NA	Electronic	1.78444	1.7846

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	06-07-18	13:32-15:30			1.78817	06-07-18 13:33	5549.204799	Other	NA	Electronic	1.78799	1.78817
GBPAUD.	09-07-18	09:32-11:30			1.7828	09-07-18 09:36	28855.86495	Other	NA	Electronic	1.7828	1.783
GBPAUD.	09-07-18	11:32-13:30			1.78504	09-07-18 11:41	14427.93248	Other	NA	Electronic	1.78484	1.78504
GBPAUD.	09-07-18	13:32-15:30			1.781	09-07-18 13:43	4439.363839	Other	NA	Electronic	1.78069	1.781
GBPAUD.	09-07-18	15:32-17:30			1.77383	09-07-18 15:35	44393.63839	Other	NA	Electronic	1.77365	1.77383
GBPAUD.	10-07-18	09:32-11:30			1.77962	10-07-18 09:33	1109.84096	Other	NA	Electronic	1.77962	1.77981
GBPAUD.	10-07-18	11:32-13:30			1.78186	10-07-18 11:45	2219.68192	Other	NA	Electronic	1.78167	1.78186
GBPAUD.	10-07-18	13:32-15:30			1.77928	10-07-18 13:59	3329.522879	Other	NA	Electronic	1.7793	1.77954
GBPAUD.	10-07-18	15:32-17:30			1.7767	10-07-18 15:46	2219.68192	Other	NA	Electronic	1.77646	1.7767
GBPAUD.	11-07-18	09:32-11:30			1.7925	11-07-18 09:35	3329.522879	Other	NA	Electronic	1.7925	1.79268
GBPAUD.	11-07-18	11:32-13:30			1.7926	11-07-18 11:51	16647.6144	Other	NA	Electronic	1.79242	1.7926
GBPAUD.	11-07-18	13:30-13:32	1.79227	5549.204799								
GBPAUD.	11-07-18	15:30-15:32	1.78991	1109.84096								
GBPAUD.	12-07-18	09:32-11:30			1.7903	12-07-18 10:00	2219.68192	Other	NA	Electronic	1.7903	1.7905
GBPAUD.	12-07-18	11:32-13:30			1.78864	12-07-18 11:36	11098.4096	Other	NA	Electronic	1.78864	1.78884

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	12-07-18	13:32-15:30			1.78725	12-07-18 13:54	11098.4096	Other	NA	Electronic	1.78708	1.78725
GBPAUD.	12-07-18	15:30-15:32	1.78441	16647.6144								
GBPAUD.	13-07-18	09:30-09:32	1.77914	55492.04799								
GBPAUD.	13-07-18	11:32-13:30			1.77976	13-07-18 11:40	11098.4096	Other	NA	Electronic	1.77977	1.77996
GBPAUD.	13-07-18	13:32-15:30			1.78276	13-07-18 13:45	1109.84096	Other	NA	Electronic	1.78276	1.78297
GBPAUD.	13-07-18	15:30-15:32	1.78279	1109.84096								
GBPAUD.	16-07-18	09:32-11:30			1.78382	16-07-18 09:46	12208.25056	Other	NA	Electronic	1.78365	1.78382
GBPAUD.	16-07-18	11:32-13:30			1.78732	16-07-18 11:35	33295.22879	Other	NA	Electronic	1.78711	1.78732
GBPAUD.	16-07-18	13:32-15:30			1.78494	16-07-18 13:49	44393.63839	Other	NA	Electronic	1.78494	1.78513
GBPAUD.	16-07-18	15:32-17:30			1.78493	16-07-18 16:08	1109.84096	Other	NA	Electronic	1.78475	1.78493
GBPAUD.	17-07-18	09:32-11:30			1.78521	17-07-18 09:34	11098.4096	Other	NA	Electronic	1.78506	1.78521
GBPAUD.	17-07-18	11:32-13:30			1.78208	17-07-18 11:34	1109.84096	Other	NA	Electronic	1.78208	1.7822
GBPAUD.	17-07-18	13:32-15:30			1.7798	17-07-18 13:32	11098.4096	Other	NA	Electronic	1.77981	1.78001
GBPAUD.	17-07-18	15:32-17:30			1.7795	17-07-18 16:04	55492.04799	Other	NA	Electronic	1.7795	1.77971
GBPAUD.	18-07-18	09:32-11:30			1.77265	18-07-18 09:32	1109.84096	Other	NA	Electronic	1.77266	1.77284

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	18-07-18	11:32-13:30			1.77184	18-07-18 11:34	1109.84096	Other	NA	Electronic	1.77184	1.77204
GBPAUD.	18-07-18	13:32-15:30			1.77179	18-07-18 13:38	1109.84096	Other	NA	Electronic	1.77179	1.77197
GBPAUD.	18-07-18	15:32-17:30			1.76623	18-07-18 15:37	4439.363839	Other	NA	Electronic	1.76613	1.76625
GBPAUD.	19-07-18	09:32-11:30			1.76767	19-07-18 10:01	1109.84096	Other	NA	Electronic	1.76748	1.76767
GBPAUD.	19-07-18	11:32-13:30			1.76858	19-07-18 11:50	1109.84096	Other	NA	Electronic	1.76858	1.76879
GBPAUD.	19-07-18	13:32-15:30			1.76982	19-07-18 13:46	1109.84096	Other	NA	Electronic	1.76982	1.77001
GBPAUD.	19-07-18	15:32-17:30			1.77162	19-07-18 15:49	5549.204799	Other	NA	Electronic	1.77162	1.77179
GBPAUD.	20-07-18	09:32-11:30			1.76518	20-07-18 09:56	1109.84096	Other	NA	Electronic	1.76518	1.76537
GBPAUD.	20-07-18	11:32-13:30			1.76839	20-07-18 12:00	1109.84096	Other	NA	Electronic	1.76819	1.76839
GBPAUD.	20-07-18	13:32-15:30			1.76604	20-07-18 13:49	1109.84096	Other	NA	Electronic	1.76584	1.76604
GBPAUD.	20-07-18	15:30-15:32	1.76868	2219.68192								
GBPAUD.	23-07-18	09:32-11:30			1.77267	23-07-18 09:39	1109.84096	Other	NA	Electronic	1.77246	1.77267
GBPAUD.	23-07-18	11:32-13:30			1.77434	23-07-18 11:39	1109.84096	Other	NA	Electronic	1.77412	1.77434
GBPAUD.	23-07-18	13:32-15:30			1.77527	23-07-18 14:03	5549.204799	Other	NA	Electronic	1.77509	1.77526
GBPAUD.	23-07-18	15:32-17:30			1.7755	23-07-18 15:55	11098.4096	Other	NA	Electronic	1.7755	1.7757

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	24-07-18	09:30-09:32	1.77569	7768.886719								
GBPAUD.	24-07-18	11:32-13:30			1.77275	24-07-18 11:49	1109.84096	Other	NA	Electronic	1.77275	1.77294
GBPAUD.	24-07-18	13:32-15:30			1.76967	24-07-18 14:01	5549.204799	Other	NA	Electronic	1.76946	1.76968
GBPAUD.	24-07-18	15:32-17:30			1.77157	24-07-18 16:45	5549.204799	Other	NA	Electronic	1.77157	1.77175
GBPAUD.	25-07-18	09:32-11:30			1.77215	25-07-18 09:40	55492.04799	Other	NA	Electronic	1.77195	1.77216
GBPAUD.	25-07-18	11:30-11:32	1.77545	11098.4096								
GBPAUD.	25-07-18	13:32-15:30			1.77371	25-07-18 13:34	1109.84096	Other	NA	Electronic	1.77352	1.77371
GBPAUD.	25-07-18	15:32-17:30			1.77362	25-07-18 16:46	11098.4096	Other	NA	Electronic	1.77346	1.77362
GBPAUD.	26-07-18	09:32-11:30			1.77488	26-07-18 09:57	1109.84096	Other	NA	Electronic	1.77488	1.7751
GBPAUD.	26-07-18	11:32-13:30			1.776	26-07-18 11:41	17757.45536	Other	NA	Electronic	1.776	1.77618
GBPAUD.	26-07-18	13:30-13:32	1.77544	58821.57087								
GBPAUD.	26-07-18	15:32-17:30			1.77734	26-07-18 15:48	1109.84096	Other	NA	Electronic	1.77734	1.77753
GBPAUD.	27-07-18	09:32-11:30			1.77515	27-07-18 11:07	1109.84096	Other	NA	Electronic	1.77515	1.77534
GBPAUD.	27-07-18	11:32-13:30			1.77535	27-07-18 12:05	1109.84096	Other	NA	Electronic	1.77515	1.77535
GBPAUD.	27-07-18	13:32-15:30			1.77094	27-07-18 14:00	1109.84096	Other	NA	Electronic	1.77074	1.771

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	27-07-18	15:32-17:30			1.7708	27-07-18 15:40	2219.68192	Other	NA	Electronic	1.7706	1.7708
GBPAUD.	30-07-18	09:30-09:32	1.77347	1109.84096								
GBPAUD.	30-07-18	11:32-13:30			1.77206	30-07-18 11:46	55492.04799	Other	NA	Electronic	1.77187	1.77206
GBPAUD.	30-07-18	13:32-15:30			1.77384	30-07-18 13:40	2219.68192	Other	NA	Electronic	1.77365	1.77384
GBPAUD.	30-07-18	15:32-17:30			1.77378	30-07-18 15:59	4439.363839	Other	NA	Electronic	1.77361	1.77378
GBPAUD.	31-07-18	09:32-11:30			1.77325	31-07-18 09:34	1109.84096	Other	NA	Electronic	1.77305	1.77325
GBPAUD.	31-07-18	11:30-11:32	1.7727	55492.04799								
GBPAUD.	31-07-18	13:30-13:32	1.76866	55492.04799								
GBPAUD.	31-07-18	15:32-17:30			1.76414	31-07-18 15:51	3329.522879	Other	NA	Electronic	1.76392	1.76414
GBPAUD.	01-08-18	09:32-11:30			1.77032	01-08-18 09:36	1109.84096	Other	NA	Electronic	1.77032	1.77053
GBPAUD.	01-08-18	11:32-13:30			1.77125	01-08-18 12:00	13318.09152	Other	NA	Electronic	1.77125	1.77151
GBPAUD.	01-08-18	13:30-13:32	1.77187	13318.09152								
GBPAUD.	01-08-18	15:32-17:30			1.77177	01-08-18 15:50	1109.84096	Other	NA	Electronic	1.77152	1.77177
GBPAUD.	02-08-18	09:32-11:30			1.7765	02-08-18 10:40	2219.68192	Other	NA	Electronic	1.77619	1.7765
GBPAUD.	02-08-18	11:32-13:30			1.77348	02-08-18 11:46	11098.4096	Other	NA	Electronic	1.77348	1.77385

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	02-08-18	13:32-15:30			1.77106	02-08-18 13:39	1109.84096	Other	NA	Electronic	1.77106	1.77137
GBPAUD.	02-08-18	15:32-17:30			1.7671	02-08-18 15:35	3329.522879	Other	NA	Electronic	1.7671	1.76734
GBPAUD.	03-08-18	09:32-11:30			1.76555	03-08-18 10:30	3329.522879	Other	NA	Electronic	1.76533	1.76555
GBPAUD.	03-08-18	11:32-13:30			1.76135	03-08-18 11:39	1109.84096	Other	NA	Electronic	1.76135	1.7616
GBPAUD.	03-08-18	13:32-15:30			1.76096	03-08-18 13:38	11098.4096	Other	NA	Electronic	1.76069	1.76096
GBPAUD.	03-08-18	15:32-17:30			1.75773	03-08-18 15:40	1109.84096	Other	NA	Electronic	1.75773	1.75798
GBPAUD.	06-08-18	09:32-11:30			1.7524	06-08-18 10:08	33295.22879	Other	NA	Electronic	1.75215	1.7524
GBPAUD.	06-08-18	11:32-13:30			1.75125	06-08-18 11:40	1109.84096	Other	NA	Electronic	1.75125	1.75147
GBPAUD.	06-08-18	13:32-15:30			1.75331	06-08-18 14:19	11098.4096	Other	NA	Electronic	1.75331	1.75355
GBPAUD.	06-08-18	15:30-15:32	1.75172	4439.363839								
GBPAUD.	07-08-18	09:32-11:30			1.74387	07-08-18 09:35	33295.22879	Other	NA	Electronic	1.74387	1.74412
GBPAUD.	07-08-18	11:32-13:30			1.74374	07-08-18 11:40	2219.68192	Other	NA	Electronic	1.74374	1.74398
GBPAUD.	07-08-18	13:32-15:30			1.74252	07-08-18 13:37	33295.22879	Other	NA	Electronic	1.74252	1.74274
GBPAUD.	07-08-18	15:32-17:30			1.74303	07-08-18 16:15	2219.68192	Other	NA	Electronic	1.74278	1.74303
GBPAUD.	08-08-18	09:32-11:30			1.73956	08-08-18 09:33	1109.84096	Other	NA	Electronic	1.73956	1.7398

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GBPAUD.	08-08-18	11:32-13:30			1.73576	08-08-18 11:35	2219.68192	Other	NA	Electronic	1.73576	1.736
GBPAUD.	08-08-18	13:32-15:30			1.73683	08-08-18 14:20	2219.68192	Other	NA	Electronic	1.73657	1.73683
GBPAUD.	08-08-18	15:32-17:30			1.73647	08-08-18 15:36	7768.886719	Other	NA	Electronic	1.73647	1.73673
GBPAUD.	09-08-18	09:32-11:30			1.73591	09-08-18 09:41	3329.522879	Other	NA	Electronic	1.73561	1.73591
GBPAUD.	09-08-18	11:32-13:30			1.73878	09-08-18 11:49	1109.84096	Other	NA	Electronic	1.7385	1.73878
GBPAUD.	09-08-18	15:32-17:30			1.73908	09-08-18 16:25	2219.68192	Other	NA	Electronic	1.73883	1.73908
GBPAUD.	10-08-18	09:32-11:30			1.74796	10-08-18 09:35	33295.22879	Other	NA	Electronic	1.74796	1.74823
GBPAUD.	10-08-18	11:32-13:30			1.74762	10-08-18 11:46	11098.4096	Other	NA	Electronic	1.74738	1.74762
GBPAUD.	10-08-18	13:30-13:32	1.74547	106544.7321								
GBPAUD.	10-08-18	15:30-15:32	1.74889	33295.22879								
GBPAUD.	13-08-18	09:32-11:30			1.75268	13-08-18 09:34	11098.4096	Other	NA	Electronic	1.75269	1.7529
GBPAUD.	13-08-18	11:32-13:30			1.7539	13-08-18 11:33	5549.204799	Other	NA	Electronic	1.75369	1.7539
GBPAUD.	13-08-18	13:32-15:30			1.75519	13-08-18 14:07	3329.522879	Other	NA	Electronic	1.75495	1.75519
GBPAUD.	13-08-18	15:32-17:30			1.75459	13-08-18 15:36	3329.522879	Other	NA	Electronic	1.75435	1.75459
GBPAUD.	14-08-18	09:32-11:30			1.76063	14-08-18 09:51	3329.522879	Other	NA	Electronic	1.76041	1.76063



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GBPAUD.	14-08-18	11:32-13:30			1.75814	14-08-18 11:35	2219.68192	Other	NA	Electronic	1.75788	1.75815
GBPAUD.	14-08-18	13:32-15:30			1.76053	14-08-18 13:39	1109.84096	Other	NA	Electronic	1.76053	1.76078
GBPAUD.	14-08-18	15:32-17:30			1.75879	14-08-18 15:38	2219.68192	Other	NA	Electronic	1.75879	1.759
GBPAUD.	15-08-18	09:30-09:32	1.75842	3329.522879								
GBPAUD.	15-08-18	11:32-13:30			1.75939	15-08-18 11:39	1109.84096	Other	NA	Electronic	1.75939	1.7596
GBPAUD.	15-08-18	13:32-15:30			1.75463	15-08-18 13:45	1109.84096	Other	NA	Electronic	1.75463	1.7549
GBPAUD.	15-08-18	15:32-17:30			1.75576	15-08-18 15:48	1109.84096	Other	NA	Electronic	1.75549	1.75573
GBPAUD.	16-08-18	09:32-11:30			1.747	16-08-18 09:50	2219.68192	Other	NA	Electronic	1.74675	1.747
GBPAUD.	16-08-18	11:32-13:30			1.74765	16-08-18 12:30	1109.84096	Other	NA	Electronic	1.74712	1.74765
GBPAUD.	16-08-18	13:32-15:30			1.74818	16-08-18 13:43	5549.204799	Other	NA	Electronic	1.74793	1.74818
GBPAUD.	16-08-18	15:32-17:30			1.7487	16-08-18 15:39	2219.68192	Other	NA	Electronic	1.7487	1.74892
GBPAUD.	17-08-18	09:32-11:30			1.74893	17-08-18 09:44	4439.363839	Other	NA	Electronic	1.74893	1.74917
GBPAUD.	17-08-18	11:32-13:30			1.74966	17-08-18 12:10	4439.363839	Other	NA	Electronic	1.74966	1.74991
GBPAUD.	17-08-18	13:32-15:30			1.74789	17-08-18 13:39	5549.204799	Other	NA	Electronic	1.74767	1.74789
GBPAUD.	17-08-18	15:32-17:30			1.74797	17-08-18 16:25	1109.84096	Other	NA	Electronic	1.74773	1.74797

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	20-08-18	09:32-11:30			1.74302	20-08-18 09:47	1109.84096	Other	NA	Electronic	1.74278	1.74302
GBPAUD.	20-08-18	11:32-13:30			1.7472	20-08-18 11:34	1109.84096	Other	NA	Electronic	1.74698	1.7472
GBPAUD.	20-08-18	13:32-15:30			1.7464	20-08-18 14:07	11098.4096	Other	NA	Electronic	1.7464	1.74665
GBPAUD.	20-08-18	15:32-17:30			1.74547	20-08-18 16:39	5549.204799	Other	NA	Electronic	1.74547	1.74574
GBPAUD.	21-08-18	09:32-11:30			1.74274	21-08-18 10:31	2219.68192	Other	NA	Electronic	1.74251	1.74274
GBPAUD.	21-08-18	11:32-13:30			1.74612	21-08-18 12:20	6659.045759	Other	NA	Electronic	1.74589	1.74606
GBPAUD.	21-08-18	13:32-15:30			1.74748	21-08-18 13:47	2219.68192	Other	NA	Electronic	1.74748	1.7477
GBPAUD.	21-08-18	15:32-17:30			1.75017	21-08-18 15:35	1109.84096	Other	NA	Electronic	1.75017	1.75041
GBPAUD.	22-08-18	09:32-11:30			1.75428	22-08-18 09:45	122082.5056	Other	NA	Electronic	1.75404	1.75428
GBPAUD.	22-08-18	11:32-13:30			1.7547	22-08-18 12:00	1109.84096	Other	NA	Electronic	1.7547	1.75496
GBPAUD.	22-08-18	13:32-15:30			1.75869	22-08-18 13:47	5549.204799	Other	NA	Electronic	1.75869	1.75889
GBPAUD.	22-08-18	15:32-17:30			1.75606	22-08-18 15:45	1109.84096	Other	NA	Electronic	1.7558	1.75605
GBPAUD.	23-08-18	09:30-09:32	1.76417	3329.522879								
GBPAUD.	23-08-18	11:30-11:32	1.76801	5549.204799								
GBPAUD.	23-08-18	13:32-15:30			1.76687	23-08-18 14:24	4439.363839	Other	NA	Electronic	1.76687	1.76715

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	23-08-18	15:30-15:32	1.76553	1109.84096								
GBPAUD.	24-08-18	09:32-11:30			1.76235	24-08-18 11:14	2219.68192	Other	NA	Electronic	1.76235	1.76262
GBPAUD.	24-08-18	11:32-13:30			1.76069	24-08-18 11:37	11098.4096	Other	NA	Electronic	1.76042	1.76069
GBPAUD.	24-08-18	13:32-15:30			1.75813	24-08-18 13:36	2219.68192	Other	NA	Electronic	1.75813	1.75837
GBPAUD.	24-08-18	15:32-17:30			1.7546	24-08-18 16:03	1109.84096	Other	NA	Electronic	1.75433	1.7546
GBPAUD.	27-08-18	09:32-11:30			1.75585	27-08-18 10:00	1109.84096	Other	NA	Electronic	1.75561	1.75585
GBPAUD.	27-08-18	11:32-13:30			1.7573	27-08-18 12:31	56601.88895	Other	NA	Electronic	1.7573	1.75755
GBPAUD.	27-08-18	13:32-15:30			1.75457	27-08-18 14:23	167585.9849	Other	NA	Electronic	1.75457	1.75482
GBPAUD.	27-08-18	15:30-15:32	1.75424	2219.68192								
GBPAUD.	28-08-18	09:32-11:30			1.75594	28-08-18 09:34	2219.68192	Other	NA	Electronic	1.75576	1.75594
GBPAUD.	28-08-18	11:32-13:30			1.75716	28-08-18 11:48	5549.204799	Other	NA	Electronic	1.75692	1.75716
GBPAUD.	28-08-18	13:30-13:32	1.75628	6659.045759								
GBPAUD.	28-08-18	15:32-17:30			1.75287	28-08-18 16:07	2219.68192	Other	NA	Electronic	1.75287	1.75312
GBPAUD.	29-08-18	09:32-11:30			1.76293	29-08-18 09:40	2219.68192	Other	NA	Electronic	1.7627	1.76293
GBPAUD.	29-08-18	11:32-13:30			1.76608	29-08-18 11:50	6659.045759	Other	NA	Electronic	1.76608	1.76629

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	29-08-18	13:32-15:30			1.76618	29-08-18 13:36	5549.204799	Other	NA	Electronic	1.76594	1.76618
GBPAUD.	29-08-18	15:30-15:32	1.78273	110984.096								
GBPAUD.	30-08-18	09:32-11:30			1.78431	30-08-18 09:58	22196.8192	Other	NA	Electronic	1.78431	1.78457
GBPAUD.	30-08-18	11:32-13:30			1.78347	30-08-18 11:58	2219.68192	Other	NA	Electronic	1.78347	1.78372
GBPAUD.	30-08-18	13:32-15:30			1.78596	30-08-18 15:08	5549.204799	Other	NA	Electronic	1.78596	1.78622
GBPAUD.	30-08-18	15:32-17:30			1.78793	30-08-18 15:35	1109.84096	Other	NA	Electronic	1.78793	1.78818
GBPAUD.	31-08-18	09:30-09:32	1.79849	11098.4096								
GBPAUD.	31-08-18	11:32-13:30			1.79856	31-08-18 12:27	7768.886719	Other	NA	Electronic	1.79826	1.79856
GBPAUD.	31-08-18	13:32-15:30			1.79844	31-08-18 13:53	2219.68192	Other	NA	Electronic	1.79844	1.79868
GBPAUD.	31-08-18	15:30-15:32	1.80183	47723.16127								
GBPAUD.	03-09-18	09:32-11:30			1.78654	03-09-18 09:35	3329.522879	Other	NA	Electronic	1.78654	1.7868
GBPAUD.	03-09-18	11:32-13:30			1.78554	03-09-18 12:12	1109.84096	Other	NA	Electronic	1.78554	1.78575
GBPAUD.	03-09-18	13:30-13:32	1.78309	5549.204799								
GBPAUD.	03-09-18	15:30-15:32	1.78667	33295.22879								
GBPAUD.	04-09-18	09:32-11:30			1.78799	04-09-18 09:43	55492.04799	Other	NA	Electronic	1.78773	1.78799

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	04-09-18	11:30-11:32	1.7851	3329.522879								
GBPAUD.	04-09-18	15:32-17:30			1.78907	04-09-18 15:58	2219.68192	Other	NA	Electronic	1.78907	1.78932
GBPAUD.	05-09-18	09:30-09:32	1.78711	66590.45759								
GBPAUD.	05-09-18	11:32-13:30			1.78609	05-09-18 12:26	167585.9849	Other	NA	Electronic	1.78609	1.78637
GBPAUD.	05-09-18	13:32-15:30			1.80367	05-09-18 13:46	1109.84096	Other	NA	Electronic	1.80367	1.80394
GBPAUD.	05-09-18	15:32-17:30			1.79427	05-09-18 15:36	1109.84096	Other	NA	Electronic	1.79399	1.79427
GBPAUD.	06-09-18	09:32-11:30			1.80032	06-09-18 10:42	1109.84096	Other	NA	Electronic	1.80032	1.80057
GBPAUD.	06-09-18	11:32-13:30			1.79775	06-09-18 12:22	1109.84096	Other	NA	Electronic	1.79775	1.79801
GBPAUD.	06-09-18	13:32-15:30			1.79572	06-09-18 14:36	2219.68192	Other	NA	Electronic	1.79572	1.796
GBPAUD.	06-09-18	15:32-17:30			1.79615	06-09-18 15:54	2219.68192	Other	NA	Electronic	1.79615	1.7964
GBPAUD.	07-09-18	09:32-11:30			1.80905	07-09-18 09:48	55492.04799	Other	NA	Electronic	1.80876	1.80905
GBPAUD.	07-09-18	11:32-13:30			1.81493	07-09-18 11:38	6659.045759	Other	NA	Electronic	1.8147	1.81493
GBPAUD.	07-09-18	13:32-15:30			1.8152	07-09-18 13:35	5549.204799	Other	NA	Electronic	1.8152	1.81542
GBPAUD.	07-09-18	15:32-17:30			1.81251	07-09-18 15:39	5549.204799	Other	NA	Electronic	1.81228	1.81251
GBPAUD.	10-09-18	09:30-09:32	1.81732	1109.84096								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUD.	10-09-18	11:32-13:30			1.81798	10-09-18 12:08	1109.84096	Other	NA	Electronic	1.81798	1.81824
GBPAUD.	10-09-18	13:32-15:30			1.82876	10-09-18 13:33	5549.204799	Other	NA	Electronic	1.82847	1.82876
GBPAUD.	10-09-18	15:32-17:30			1.82872	10-09-18 15:37	3329.522879	Other	NA	Electronic	1.82845	1.82872
GBPAUD.	11-09-18	09:32-11:30			1.83502	11-09-18 09:34	1109.84096	Other	NA	Electronic	1.83502	1.83527
GBPAUD.	11-09-18	11:32-13:30			1.83132	11-09-18 12:04	110984.096	Other	NA	Electronic	1.83104	1.83132
GBPAUD.	11-09-18	13:32-15:30			1.83027	11-09-18 15:28	13318.09152	Other	NA	Electronic	1.83027	1.8305
GBPAUD.	11-09-18	15:32-17:30			1.83151	11-09-18 15:59	13318.09152	Other	NA	Electronic	1.83151	1.83173
GBPAUD.	12-09-18	09:30-09:32	1.83057	1109.84096								
GBPAUD.	12-09-18	11:30-11:32	1.82577	2219.68192								
GBPAUD.	12-09-18	13:30-13:32	1.82664	55492.04799								
GBPAUD.	12-09-18	15:32-17:30			1.81797	12-09-18 15:42	1109.84096	Other	NA	Electronic	1.81797	1.8182
GBPAUD.	13-09-18	09:32-11:30			1.81847	13-09-18 09:53	2219.68192	Other	NA	Electronic	1.81823	1.81847
GBPAUD.	13-09-18	11:32-13:30			1.81431	13-09-18 11:35	5549.204799	Other	NA	Electronic	1.81404	1.81431
GBPAUD.	13-09-18	13:32-15:30			1.81651	13-09-18 13:36	16647.6144	Other	NA	Electronic	1.81636	1.81651
GBPAUD.	13-09-18	15:32-17:30			1.82195	13-09-18 15:48	110984.096	Other	NA	Electronic	1.82185	1.82195

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GBPAUD.	14-09-18	09:32-11:30			1.8229	14-09-18 09:35	1109.84096	Other	NA	Electronic	1.82277	1.8229
GBPAUD.	14-09-18	11:32-13:30			1.82523	14-09-18 11:36	1109.84096	Other	NA	Electronic	1.82533	1.82545
GBPAUD.	14-09-18	13:32-15:30			1.8233	14-09-18 13:56	1109.84096	Other	NA	Electronic	1.82316	1.8233
GBPAUD.	14-09-18	15:32-17:30			1.82174	14-09-18 15:50	2219.68192	Other	NA	Electronic	1.82174	1.82184
GBPAUD.	17-09-18	09:30-09:32	1.82613	1109.84096								
GBPAUD.	17-09-18	11:32-13:30			1.82673	17-09-18 11:50	1109.84096	Other	NA	Electronic	1.82662	1.82673
GBPAUD.	17-09-18	13:32-15:30			1.82911	17-09-18 14:44	1109.84096	Other	NA	Electronic	1.82911	1.82925
GBPAUD.	17-09-18	15:32-17:30			1.82996	17-09-18 15:41	1109.84096	Other	NA	Electronic	1.82983	1.82996
GBPAUD.	18-09-18	09:32-11:30			1.82	18-09-18 09:32	5549.204799	Other	NA	Electronic	1.82	1.82017
GBPAUD.	18-09-18	11:30-11:32	1.82479	1109.84096								
GBPAUD.	18-09-18	13:32-15:30			1.82424	18-09-18 13:38	1109.84096	Other	NA	Electronic	1.8241	1.82424
GBPAUD.	18-09-18	15:32-17:30			1.82294	18-09-18 15:33	1109.84096	Other	NA	Electronic	1.82294	1.82309
GBPAUD.	19-09-18	09:32-11:30			1.81636	19-09-18 09:35	1109.84096	Other	NA	Electronic	1.81623	1.81636
GBPAUD.	19-09-18	11:32-13:30			1.81272	19-09-18 12:38	5549.204799	Other	NA	Electronic	1.81272	1.81283
GBPAUD.	19-09-18	13:30-13:32	1.81054	1109.84096								

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GBPAUD.	19-09-18	15:32-17:30			1.8088	19-09-18 17:06	14427.93248	Other	NA	Electronic	1.8088	1.80905
GBPAUD.	20-09-18	09:32-11:30			1.81895	20-09-18 09:37	1109.84096	Other	NA	Electronic	1.81886	1.81895
GBPAUD.	20-09-18	11:32-13:30			1.82293	20-09-18 11:35	2219.68192	Other	NA	Electronic	1.82293	1.82314
GBPAUD.	20-09-18	13:30-13:32	1.82151	4439.363839								
GBPAUD.	20-09-18	15:32-17:30			1.81922	20-09-18 16:06	27746.02399	Other	NA	Electronic	1.81911	1.81922
GBPAUD.	21-09-18	09:32-11:30			1.8096	21-09-18 10:16	1109.84096	Other	NA	Electronic	1.80944	1.8096
GBPAUD.	21-09-18	11:32-13:30			1.81104	21-09-18 11:42	2219.68192	Other	NA	Electronic	1.81092	1.81104
GBPAUD.	21-09-18	13:32-15:30			1.79787	21-09-18 13:40	1109.84096	Other	NA	Electronic	1.79774	1.79787
GBPAUD.	21-09-18	15:32-17:30			1.79545	21-09-18 15:56	1109.84096	Other	NA	Electronic	1.79533	1.79545
GBPAUD.	24-09-18	09:32-11:30			1.80466	24-09-18 09:46	110984.096	Other	NA	Electronic	1.8045	1.80466
GBPAUD.	24-09-18	11:30-11:32	1.80727	1109.84096								
GBPAUD.	24-09-18	13:32-15:30			1.80826	24-09-18 13:32	3329.522879	Other	NA	Electronic	1.80808	1.80826
GBPAUD.	24-09-18	15:30-15:32	1.80884	6659.045759								
GBPAUD.	25-09-18	09:32-11:30			1.81585	25-09-18 09:46	1109.84096	Other	NA	Electronic	1.81572	1.81585
GBPAUD.	25-09-18	11:32-13:30			1.81446	25-09-18 12:00	1109.84096	Other	NA	Electronic	1.81433	1.81446



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GBPAUD.	25-09-18	13:32-15:30			1.81448	25-09-18 14:34	14427.93248	Other	NA	Electronic	1.81432	1.81448
GBPAUD.	25-09-18	15:32-17:30			1.81566	25-09-18 16:16	1109.84096	Other	NA	Electronic	1.81572	1.81585
GBPAUD.	26-09-18	09:32-11:30			1.81379	26-09-18 10:04	22196.8192	Other	NA	Electronic	1.81365	1.81379
GBPAUD.	26-09-18	11:32-13:30			1.81244	26-09-18 11:38	5549.204799	Other	NA	Electronic	1.81233	1.81244
GBPAUD.	26-09-18	13:32-15:30			1.81558	26-09-18 14:00	1109.84096	Other	NA	Electronic	1.81543	1.81558
GBPAUD.	26-09-18	15:32-17:30			1.81591	26-09-18 15:32	1109.84096	Other	NA	Electronic	1.81591	1.81602
GBPAUD.	27-09-18	09:32-11:30			1.81692	27-09-18 10:00	9988.568638	Other	NA	Electronic	1.81675	1.81692
GBPAUD.	27-09-18	11:32-13:30			1.81579	27-09-18 11:34	34405.06975	Other	NA	Electronic	1.81579	1.81591
GBPAUD.	27-09-18	13:32-15:30			1.81799	27-09-18 13:54	1109.84096	Other	NA	Electronic	1.81799	1.81814
GBPAUD.	27-09-18	15:32-17:30			1.81491	27-09-18 16:11	1109.84096	Other	NA	Electronic	1.81491	1.81507
GBPAUD.	28-09-18	09:32-11:30			1.80878	28-09-18 10:30	1109.84096	Other	NA	Electronic	1.80878	1.80895
GBPAUD.	28-09-18	11:32-13:30			1.8083	28-09-18 11:58	1109.84096	Other	NA	Electronic	1.80812	1.8083
GBPAUD.	28-09-18	13:30-13:32	1.8036	2219.68192								
GBPAUD.	28-09-18	15:32-17:30			1.80226	28-09-18 15:32	2219.68192	Other	NA	Electronic	1.80226	1.80244
GBPAUDmicro	02-07-18	09:32-11:30			1.78595	02-07-18 09:33	11.0984096	Other	NA	Electronic	1.78595	1.78635

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	02-07-18	11:30-11:32	1.78771	99.88568638								
GBPAUDmicro	02-07-18	13:30-13:32	1.78515	11.0984096								
GBPAUDmicro	02-07-18	15:30-15:32	1.7929	599.3141183								
GBPAUDmicro	03-07-18	09:30-09:32	1.78314	44.39363839								
GBPAUDmicro	03-07-18	11:32-13:30			1.78308	03-07-18 11:33	1498.285296	Other	NA	Electronic	1.78308	1.78348
GBPAUDmicro	03-07-18	13:30-13:32	1.78314	110.984096								
GBPAUDmicro	03-07-18	15:32-17:30			1.78537	03-07-18 15:32	2219.68192	Other	NA	Electronic	1.78538	1.78577
GBPAUDmicro	04-07-18	09:30-09:32	1.78898	221.968192								
GBPAUDmicro	04-07-18	11:32-13:30			1.78806	04-07-18 11:42	11.0984096	Other	NA	Electronic	1.78767	1.78806
GBPAUDmicro	04-07-18	13:32-15:30			1.78821	04-07-18 13:38	210.8697824	Other	NA	Electronic	1.78819	1.7886
GBPAUDmicro	04-07-18	15:32-17:30			1.79067	04-07-18 15:33	5549.204799	Other	NA	Electronic	1.79027	1.79067
GBPAUDmicro	05-07-18	09:32-11:30			1.79242	05-07-18 09:32	221.968192	Other	NA	Electronic	1.79206	1.79242
GBPAUDmicro	05-07-18	11:32-13:30			1.79265	05-07-18 11:32	332.9522879	Other	NA	Electronic	1.79226	1.79265
GBPAUDmicro	05-07-18	13:30-13:32	1.78731	98709.25496								
GBPAUDmicro	05-07-18	15:32-17:30			1.78921	05-07-18 15:35	22.1968192	Other	NA	Electronic	1.78921	1.7896

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	06-07-18	09:30-09:32	1.78563	221.968192								
GBPAUDmicro	06-07-18	11:32-13:30			1.78478	06-07-18 11:33	554.9204799	Other	NA	Electronic	1.78478	1.78518
GBPAUDmicro	06-07-18	13:30-13:32	1.78833	230225.4087								
GBPAUDmicro	06-07-18	15:32-17:30			1.78774	06-07-18 15:38	221.968192	Other	NA	Electronic	1.78734	1.78774
GBPAUDmicro	09-07-18	09:30-09:32	1.78259	510.5268415								
GBPAUDmicro	09-07-18	11:30-11:32	1.78455	1109.84096								
GBPAUDmicro	09-07-18	13:32-15:30			1.78426	09-07-18 13:33	5560.303209	Other	NA	Electronic	1.78426	1.78466
GBPAUDmicro	09-07-18	15:32-17:30			1.77423	09-07-18 15:34	1664.76144	Other	NA	Electronic	1.77385	1.77423
GBPAUDmicro	10-07-18	09:32-11:30			1.77928	10-07-18 09:34	133.1809152	Other	NA	Electronic	1.77928	1.77966
GBPAUDmicro	10-07-18	11:32-13:30			1.7805	10-07-18 11:36	277.4602399	Other	NA	Electronic	1.78051	1.78091
GBPAUDmicro	10-07-18	13:32-15:30			1.78116	10-07-18 13:34	88.78727678	Other	NA	Electronic	1.78116	1.78155
GBPAUDmicro	10-07-18	15:30-15:32	1.77807	22.1968192								
GBPAUDmicro	11-07-18	09:32-11:30			1.79209	11-07-18 09:33	5549.204799	Other	NA	Electronic	1.79209	1.79249
GBPAUDmicro	11-07-18	11:30-11:32	1.7918	4994.284319								
GBPAUDmicro	11-07-18	13:32-15:30			1.79148	11-07-18 13:33	554.9204799	Other	NA	Electronic	1.79148	1.79185

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GBPAUDmicro	11-07-18	15:30-15:32	1.79016	11098.4096								
GBPAUDmicro	12-07-18	09:32-11:30			1.79085	12-07-18 09:40	3340.621289	Other	NA	Electronic	1.79048	1.79085
GBPAUDmicro	12-07-18	11:30-11:32	1.78806	399.5427455								
GBPAUDmicro	12-07-18	13:30-13:32	1.7874	2219.68192								
GBPAUDmicro	12-07-18	15:30-15:32	1.78446	23905.97427								
GBPAUDmicro	13-07-18	09:32-11:30			1.77887	13-07-18 09:42	11098.4096	Other	NA	Electronic	1.77887	1.77923
GBPAUDmicro	13-07-18	11:32-13:30			1.77949	13-07-18 11:34	88.78727678	Other	NA	Electronic	1.77949	1.77989
GBPAUDmicro	13-07-18	13:30-13:32	1.78119	66812.42578								
GBPAUDmicro	13-07-18	15:30-15:32	1.78255	8878.727678								
GBPAUDmicro	16-07-18	09:30-09:32	1.78336	11.0984096								
GBPAUDmicro	16-07-18	11:30-11:32	1.78686	221.968192								
GBPAUDmicro	16-07-18	13:32-15:30			1.78589	16-07-18 13:41	5560.303209	Other	NA	Electronic	1.78552	1.78589
GBPAUDmicro	16-07-18	15:30-15:32	1.78444	11.0984096								
GBPAUDmicro	17-07-18	09:30-09:32	1.78457	122.0825056								
GBPAUDmicro	17-07-18	11:30-11:32	1.78318	11.0984096								

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GBPAUDmicro	17-07-18	13:32-15:30			1.77982	17-07-18 13:32	1109.84096	Other	NA	Electronic	1.77982	1.78021
GBPAUDmicro	17-07-18	15:30-15:32	1.78173	6625.75053								
GBPAUDmicro	18-07-18	09:32-11:30			1.7721	18-07-18 09:35	110.984096	Other	NA	Electronic	1.7721	1.77284
GBPAUDmicro	18-07-18	11:30-11:32	1.77124	3884.443359								
GBPAUDmicro	18-07-18	13:32-15:30			1.77237	18-07-18 13:39	22196.8192	Other	NA	Electronic	1.772	1.77237
GBPAUDmicro	18-07-18	15:30-15:32	1.76748	9577.927483								
GBPAUDmicro	19-07-18	09:30-09:32	1.76889	3329.522879								
GBPAUDmicro	19-07-18	11:32-13:30			1.76935	19-07-18 11:35	332.9522879	Other	NA	Electronic	1.76899	1.76938
GBPAUDmicro	19-07-18	13:32-15:30			1.76881	19-07-18 13:36	22.1968192	Other	NA	Electronic	1.76843	1.76881
GBPAUDmicro	19-07-18	15:32-17:30			1.77222	19-07-18 15:32	8878.727678	Other	NA	Electronic	1.77222	1.7726
GBPAUDmicro	20-07-18	09:32-11:30			1.76523	20-07-18 09:35	55.49204799	Other	NA	Electronic	1.76492	1.76523
GBPAUDmicro	20-07-18	11:32-13:30			1.76932	20-07-18 11:32	1109.84096	Other	NA	Electronic	1.76932	1.7697
GBPAUDmicro	20-07-18	13:30-13:32	1.76703	38622.4654								
GBPAUDmicro	20-07-18	15:30-15:32	1.76862	1820.139174								
GBPAUDmicro	23-07-18	09:30-09:32	1.77187	332.9522879								

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GBPAUDmicro	23-07-18	11:30-11:32	1.77409	2219.68192								
GBPAUDmicro	23-07-18	13:30-13:32	1.77596	1809.040764								
GBPAUDmicro	23-07-18	15:32-17:30			1.77621	23-07-18 15:37	5549.204799	Other	NA	Electronic	1.77621	1.77658
GBPAUDmicro	24-07-18	09:32-11:30			1.77603	24-07-18 09:35	332.9522879	Other	NA	Electronic	1.77568	1.77603
GBPAUDmicro	24-07-18	11:32-13:30			1.77284	24-07-18 11:34	221.968192	Other	NA	Electronic	1.77283	1.77322
GBPAUDmicro	24-07-18	13:30-13:32	1.77185	221.968192								
GBPAUDmicro	24-07-18	15:32-17:30			1.77117	24-07-18 15:33	1109.84096	Other	NA	Electronic	1.77117	1.77156
GBPAUDmicro	25-07-18	09:30-09:32	1.77318	8889.826088								
GBPAUDmicro	25-07-18	11:30-11:32	1.77579	8723.349944								
GBPAUDmicro	25-07-18	13:32-15:30			1.77426	25-07-18 13:36	33.29522879	Other	NA	Electronic	1.77386	1.77425
GBPAUDmicro	25-07-18	15:32-17:30			1.77451	25-07-18 15:37	11098.4096	Other	NA	Electronic	1.77414	1.77451
GBPAUDmicro	26-07-18	09:32-11:30			1.77624	26-07-18 09:34	11.0984096	Other	NA	Electronic	1.77625	1.77665
GBPAUDmicro	26-07-18	11:30-11:32	1.77623	77910.83538								
GBPAUDmicro	26-07-18	13:30-13:32	1.77553	23306.66016								
GBPAUDmicro	26-07-18	15:30-15:32	1.77877	22.1968192								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	27-07-18	09:30-09:32	1.77477	2286.272377								
GBPAUDmicro	27-07-18	11:32-13:30			1.77617	27-07-18 11:32	133.1809152	Other	NA	Electronic	1.77617	1.77656
GBPAUDmicro	27-07-18	13:32-15:30			1.7729	27-07-18 13:34	1109.84096	Other	NA	Electronic	1.7729	1.77328
GBPAUDmicro	27-07-18	15:30-15:32	1.77153	2375.059654								
GBPAUDmicro	30-07-18	09:30-09:32	1.77336	1664.76144								
GBPAUDmicro	30-07-18	11:32-13:30			1.77227	30-07-18 11:44	5560.303209	Other	NA	Electronic	1.77188	1.77227
GBPAUDmicro	30-07-18	13:32-15:30			1.7737	30-07-18 13:37	66590.45759	Other	NA	Electronic	1.7737	1.77409
GBPAUDmicro	30-07-18	15:32-17:30			1.77388	30-07-18 15:39	887.8727678	Other	NA	Electronic	1.77388	1.77426
GBPAUDmicro	31-07-18	09:32-11:30			1.77254	31-07-18 09:52	554.9204799	Other	NA	Electronic	1.77216	1.77254
GBPAUDmicro	31-07-18	11:30-11:32	1.77231	1243.021875								
GBPAUDmicro	31-07-18	13:30-13:32	1.76797	987.7584542								
GBPAUDmicro	31-07-18	15:30-15:32	1.76387	1220.825056								
GBPAUDmicro	01-08-18	09:32-11:30			1.77076	01-08-18 09:41	1109.84096	Other	NA	Electronic	1.77035	1.77076
GBPAUDmicro	01-08-18	11:32-13:30			1.77013	01-08-18 11:32	554.9204799	Other	NA	Electronic	1.77013	1.77056
GBPAUDmicro	01-08-18	13:32-15:30			1.77134	01-08-18 13:50	110984.096	Other	NA	Electronic	1.77134	1.77176

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GBPAUDmicro	01-08-18	15:30-15:32	1.77272	11.0984096								
GBPAUDmicro	02-08-18	09:32-11:30			1.77538	02-08-18 09:35	11.0984096	Other	NA	Electronic	1.77538	1.77588
GBPAUDmicro	02-08-18	11:30-11:32	1.77736	1564.875753								
GBPAUDmicro	02-08-18	13:30-13:32	1.77087	277.4602399								
GBPAUDmicro	02-08-18	15:32-17:30			1.76735	02-08-18 15:39	11098.4096	Other	NA	Electronic	1.76688	1.76735
GBPAUDmicro	03-08-18	09:32-11:30			1.76674	03-08-18 09:32	110.984096	Other	NA	Electronic	1.76628	1.76674
GBPAUDmicro	03-08-18	11:30-11:32	1.76149	21264.55279								
GBPAUDmicro	03-08-18	13:32-15:30			1.76009	03-08-18 13:51	2219.68192	Other	NA	Electronic	1.75964	1.76009
GBPAUDmicro	03-08-18	15:32-17:30			1.75773	03-08-18 15:33	443.9363839	Other	NA	Electronic	1.7573	1.75773
GBPAUDmicro	06-08-18	09:32-11:30			1.75286	06-08-18 09:34	16647.6144	Other	NA	Electronic	1.75286	1.75326
GBPAUDmicro	06-08-18	11:32-13:30			1.75153	06-08-18 11:32	554.9204799	Other	NA	Electronic	1.7511	1.75154
GBPAUDmicro	06-08-18	13:32-15:30			1.75244	06-08-18 13:43	3329.522879	Other	NA	Electronic	1.75244	1.75286
GBPAUDmicro	06-08-18	15:30-15:32	1.75131	2330.666016								
GBPAUDmicro	07-08-18	09:30-09:32	1.74456	887.8727678								
GBPAUDmicro	07-08-18	11:32-13:30			1.74387	07-08-18 11:38	2219.68192	Other	NA	Electronic	1.74344	1.74387



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GBPAUDmicro	07-08-18	13:30-13:32	1.74343	55.49204799								
GBPAUDmicro	07-08-18	15:30-15:32	1.745	66.59045759								
GBPAUDmicro	08-08-18	09:30-09:32	1.73989	22.1968192								
GBPAUDmicro	08-08-18	11:30-11:32	1.73552	665.9045759								
GBPAUDmicro	08-08-18	13:30-13:32	1.73783	11098.4096								
GBPAUDmicro	08-08-18	15:32-17:30			1.73636	08-08-18 15:36	2774.602399	Other	NA	Electronic	1.73636	1.7368
GBPAUDmicro	09-08-18	09:30-09:32	1.73491	1220.825056								
GBPAUDmicro	09-08-18	11:32-13:30			1.73724	09-08-18 11:35	11.0984096	Other	NA	Electronic	1.73724	1.73766
GBPAUDmicro	09-08-18	13:32-15:30			1.73813	09-08-18 13:44	221.968192	Other	NA	Electronic	1.73764	1.73813
GBPAUDmicro	09-08-18	15:30-15:32	1.73975	554.9204799								
GBPAUDmicro	10-08-18	09:32-11:30			1.74797	10-08-18 09:41	554.9204799	Other	NA	Electronic	1.74797	1.74845
GBPAUDmicro	10-08-18	11:30-11:32	1.7462	1775.745536								
GBPAUDmicro	10-08-18	13:30-13:32	1.74522	18811.80427								
GBPAUDmicro	10-08-18	15:32-17:30			1.74909	10-08-18 15:37	110.984096	Other	NA	Electronic	1.74869	1.74909
GBPAUDmicro	13-08-18	09:30-09:32	1.7528	122.0825056								

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GBPAUDmicro	13-08-18	11:30-11:32	1.75349	22318.9017								
GBPAUDmicro	13-08-18	13:30-13:32	1.75336	1953.320089								
GBPAUDmicro	13-08-18	15:32-17:30			1.75449	13-08-18 15:35	110.984096	Other	NA	Electronic	1.75449	1.75492
GBPAUDmicro	14-08-18	09:32-11:30			1.75998	14-08-18 09:35	2219.68192	Other	NA	Electronic	1.75998	1.76042
GBPAUDmicro	14-08-18	11:30-11:32	1.75875	110.984096								
GBPAUDmicro	14-08-18	13:32-15:30			1.76064	14-08-18 13:36	688.1013951	Other	NA	Electronic	1.76064	1.76107
GBPAUDmicro	14-08-18	15:32-17:30			1.7596	14-08-18 15:33	221.968192	Other	NA	Electronic	1.75914	1.7596
GBPAUDmicro	15-08-18	09:32-11:30			1.75893	15-08-18 09:38	110.984096	Other	NA	Electronic	1.75893	1.75937
GBPAUDmicro	15-08-18	11:30-11:32	1.76001	110984.096								
GBPAUDmicro	15-08-18	13:30-13:32	1.75389	932.2664062								
GBPAUDmicro	15-08-18	15:30-15:32	1.75667	610.4125279								
GBPAUDmicro	16-08-18	09:32-11:30			1.74827	16-08-18 09:33	110.984096	Other	NA	Electronic	1.74827	1.74873
GBPAUDmicro	16-08-18	11:30-11:32	1.74783	133.1809152								
GBPAUDmicro	16-08-18	13:32-15:30			1.74818	16-08-18 13:40	221.968192	Other	NA	Electronic	1.74776	1.74818
GBPAUDmicro	16-08-18	15:32-17:30			1.7481	16-08-18 15:56	166.476144	Other	NA	Electronic	1.7481	1.7485

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GBPAUDmicro	17-08-18	09:30-09:32	1.74856	1109.84096								
GBPAUDmicro	17-08-18	11:32-13:30			1.74986	17-08-18 11:38	8878.727678	Other	NA	Electronic	1.74986	1.75031
GBPAUDmicro	17-08-18	13:32-15:30			1.748	17-08-18 13:37	554.9204799	Other	NA	Electronic	1.7476	1.748
GBPAUDmicro	17-08-18	15:32-17:30			1.74816	17-08-18 15:38	22196.8192	Other	NA	Electronic	1.74772	1.74816
GBPAUDmicro	20-08-18	09:30-09:32	1.74313	110984.096								
GBPAUDmicro	20-08-18	11:30-11:32	1.74671	233.0666016								
GBPAUDmicro	20-08-18	13:30-13:32	1.74748	110.984096								
GBPAUDmicro	20-08-18	15:32-17:30			1.74625	20-08-18 15:50	344.0506975	Other	NA	Electronic	1.74625	1.74667
GBPAUDmicro	21-08-18	09:30-09:32	1.74332	110.984096								
GBPAUDmicro	21-08-18	11:32-13:30			1.74436	21-08-18 11:35	11.0984096	Other	NA	Electronic	1.74436	1.74479
GBPAUDmicro	21-08-18	13:32-15:30			1.74776	21-08-18 13:42	55.49204799	Other	NA	Electronic	1.74733	1.74776
GBPAUDmicro	21-08-18	15:32-17:30			1.74858	21-08-18 15:45	332.9522879	Other	NA	Electronic	1.74858	1.74903
GBPAUDmicro	22-08-18	09:32-11:30			1.75427	22-08-18 09:37	1109.84096	Other	NA	Electronic	1.75387	1.75427
GBPAUDmicro	22-08-18	11:32-13:30			1.75299	22-08-18 11:35	11.0984096	Other	NA	Electronic	1.75256	1.75299
GBPAUDmicro	22-08-18	13:30-13:32	1.75808	332.9522879								

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GBPAUDmicro	22-08-18	15:32-17:30			1.75598	22-08-18 15:43	554.9204799	Other	NA	Electronic	1.75557	1.75598
GBPAUDmicro	23-08-18	09:32-11:30			1.76363	23-08-18 09:35	110.984096	Other	NA	Electronic	1.76363	1.76412
GBPAUDmicro	23-08-18	11:32-13:30			1.7685	23-08-18 11:33	66.59045759	Other	NA	Electronic	1.76803	1.7685
GBPAUDmicro	23-08-18	13:30-13:32	1.7688	110.984096								
GBPAUDmicro	23-08-18	15:30-15:32	1.7653	11.0984096								
GBPAUDmicro	24-08-18	09:32-11:30			1.76234	24-08-18 09:35	233.0666016	Other	NA	Electronic	1.76234	1.76278
GBPAUDmicro	24-08-18	11:30-11:32	1.76099	2375.059654								
GBPAUDmicro	24-08-18	13:32-15:30			1.75896	24-08-18 13:35	1109.84096	Other	NA	Electronic	1.75849	1.75896
GBPAUDmicro	24-08-18	15:30-15:32	1.75364	677.0029855								
GBPAUDmicro	27-08-18	09:32-11:30			1.75595	27-08-18 09:45	166.476144	Other	NA	Electronic	1.75595	1.75639
GBPAUDmicro	27-08-18	11:32-13:30			1.75639	27-08-18 11:52	388.4443359	Other	NA	Electronic	1.75639	1.75678
GBPAUDmicro	27-08-18	13:32-15:30			1.75695	27-08-18 13:32	2219.68192	Other	NA	Electronic	1.75696	1.7574
GBPAUDmicro	27-08-18	15:32-17:30			1.75484	27-08-18 15:43	110.984096	Other	NA	Electronic	1.7544	1.75484
GBPAUDmicro	28-08-18	09:32-11:30			1.75489	28-08-18 09:44	1109.84096	Other	NA	Electronic	1.75489	1.75533
GBPAUDmicro	28-08-18	11:32-13:30			1.75576	28-08-18 11:35	110.984096	Other	NA	Electronic	1.75576	1.75617

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	28-08-18	13:32-15:30			1.75663	28-08-18 13:40	554.9204799	Other	NA	Electronic	1.7562	1.75663
GBPAUDmicro	28-08-18	15:32-17:30			1.75335	28-08-18 15:37	11.0984096	Other	NA	Electronic	1.75335	1.75376
GBPAUDmicro	29-08-18	09:32-11:30			1.76288	29-08-18 09:32	55.49204799	Other	NA	Electronic	1.76245	1.76288
GBPAUDmicro	29-08-18	11:32-13:30			1.76556	29-08-18 11:37	55.49204799	Other	NA	Electronic	1.76556	1.766
GBPAUDmicro	29-08-18	13:32-15:30			1.76602	29-08-18 13:34	110.984096	Other	NA	Electronic	1.76559	1.76602
GBPAUDmicro	29-08-18	15:30-15:32	1.78279	24416.50112								
GBPAUDmicro	30-08-18	09:32-11:30			1.78391	30-08-18 09:35	188.6729632	Other	NA	Electronic	1.78391	1.78428
GBPAUDmicro	30-08-18	11:32-13:30			1.78289	30-08-18 11:33	110.984096	Other	NA	Electronic	1.78289	1.78327
GBPAUDmicro	30-08-18	13:30-13:32	1.78371	6659.045759								
GBPAUDmicro	30-08-18	15:30-15:32	1.78791	110.984096								
GBPAUDmicro	31-08-18	09:30-09:32	1.79853	11098.4096								
GBPAUDmicro	31-08-18	11:32-13:30			1.79713	31-08-18 11:34	11098.4096	Other	NA	Electronic	1.79676	1.79713
GBPAUDmicro	31-08-18	13:30-13:32	1.79808	1109.84096								
GBPAUDmicro	31-08-18	15:30-15:32	1.80166	5427.122293								
GBPAUDmicro	03-09-18	09:32-11:30			1.78645	03-09-18 09:34	110.984096	Other	NA	Electronic	1.7861	1.78645

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	03-09-18	11:30-11:32	1.78583	2386.158064								
GBPAUDmicro	03-09-18	13:32-15:30			1.78278	03-09-18 13:40	110.984096	Other	NA	Electronic	1.78241	1.78278
GBPAUDmicro	03-09-18	15:30-15:32	1.78622	221.968192								
GBPAUDmicro	04-09-18	09:32-11:30			1.78761	04-09-18 09:35	377.3459263	Other	NA	Electronic	1.78729	1.78761
GBPAUDmicro	04-09-18	11:30-11:32	1.78489	466.1332031								
GBPAUDmicro	04-09-18	13:30-13:32	1.78963	5560.303209								
GBPAUDmicro	04-09-18	15:32-17:30			1.78792	04-09-18 15:42	110.984096	Other	NA	Electronic	1.78754	1.78792
GBPAUDmicro	05-09-18	09:32-11:30			1.78884	05-09-18 09:32	110.984096	Other	NA	Electronic	1.78847	1.78884
GBPAUDmicro	05-09-18	11:30-11:32	1.78529	887.8727678								
GBPAUDmicro	05-09-18	13:30-13:32	1.80531	2241.878739								
GBPAUDmicro	05-09-18	15:30-15:32	1.79291	2452.748521								
GBPAUDmicro	06-09-18	09:32-11:30			1.79787	06-09-18 09:45	11.0984096	Other	NA	Electronic	1.79748	1.79787
GBPAUDmicro	06-09-18	11:32-13:30			1.79691	06-09-18 11:36	233.0666016	Other	NA	Electronic	1.79653	1.79691
GBPAUDmicro	06-09-18	13:32-15:30			1.79896	06-09-18 13:33	44.39363839	Other	NA	Electronic	1.79896	1.79933
GBPAUDmicro	06-09-18	15:32-17:30			1.79759	06-09-18 15:36	3329.522879	Other	NA	Electronic	1.79725	1.79759

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	07-09-18	09:32-11:30			1.80709	07-09-18 09:34	110.984096	Other	NA	Electronic	1.80676	1.80709
GBPAUDmicro	07-09-18	11:30-11:32	1.81368	887.8727678								
GBPAUDmicro	07-09-18	13:30-13:32	1.81417	56601.88895								
GBPAUDmicro	07-09-18	15:32-17:30			1.81463	07-09-18 15:34	2219.68192	Other	NA	Electronic	1.81426	1.81463
GBPAUDmicro	10-09-18	09:32-11:30			1.81743	10-09-18 09:34	110.984096	Other	NA	Electronic	1.8171	1.81743
GBPAUDmicro	10-09-18	11:32-13:30			1.81494	10-09-18 11:40	1109.84096	Other	NA	Electronic	1.81462	1.81494
GBPAUDmicro	10-09-18	13:30-13:32	1.829	3662.475167								
GBPAUDmicro	10-09-18	15:32-17:30			1.82866	10-09-18 15:39	122.0825056	Other	NA	Electronic	1.82866	1.82904
GBPAUDmicro	11-09-18	09:32-11:30			1.83517	11-09-18 09:34	1076.545731	Other	NA	Electronic	1.83482	1.83517
GBPAUDmicro	11-09-18	11:32-13:30			1.8331	11-09-18 11:33	11098.4096	Other	NA	Electronic	1.8331	1.83344
GBPAUDmicro	11-09-18	13:32-15:30			1.832	11-09-18 13:34	554.9204799	Other	NA	Electronic	1.83205	1.83245
GBPAUDmicro	11-09-18	15:32-17:30			1.83084	11-09-18 15:35	110.984096	Other	NA	Electronic	1.83049	1.83084
GBPAUDmicro	12-09-18	09:30-09:32	1.83092	1265.218694								
GBPAUDmicro	12-09-18	11:32-13:30			1.82592	12-09-18 11:34	110984.096	Other	NA	Electronic	1.82557	1.82592
GBPAUDmicro	12-09-18	13:32-15:30			1.82666	12-09-18 13:35	110.984096	Other	NA	Electronic	1.82632	1.82666

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	12-09-18	15:30-15:32	1.81686	921.1679966								
GBPAUDmicro	13-09-18	09:30-09:32	1.81746	499.4284319								
GBPAUDmicro	13-09-18	11:32-13:30			1.81404	13-09-18 11:36	332.9522879	Other	NA	Electronic	1.81371	1.81404
GBPAUDmicro	13-09-18	13:30-13:32	1.81585	221.968192								
GBPAUDmicro	13-09-18	15:30-15:32	1.82245	3329.522879								
GBPAUDmicro	14-09-18	09:30-09:32	1.82369	7313.851925								
GBPAUDmicro	14-09-18	11:30-11:32	1.82418	5637.992076								
GBPAUDmicro	14-09-18	13:30-13:32	1.82601	55.49204799								
GBPAUDmicro	14-09-18	15:32-17:30			1.82235	14-09-18 15:58	1109.84096	Other	NA	Electronic	1.82235	1.82268
GBPAUDmicro	17-09-18	09:30-09:32	1.82602	1220.825056								
GBPAUDmicro	17-09-18	11:32-13:30			1.82817	17-09-18 11:34	22.1968192	Other	NA	Electronic	1.82817	1.82852
GBPAUDmicro	17-09-18	13:30-13:32	1.82863	110.984096								
GBPAUDmicro	17-09-18	15:30-15:32	1.8297	2219.68192								
GBPAUDmicro	18-09-18	09:30-09:32	1.82022	233.0666016								
GBPAUDmicro	18-09-18	11:30-11:32	1.82454	221.968192								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	18-09-18	13:30-13:32	1.82566	998.8568638								
GBPAUDmicro	18-09-18	15:32-17:30			1.82361	18-09-18 15:33	11.0984096	Other	NA	Electronic	1.82327	1.82361
GBPAUDmicro	19-09-18	09:30-09:32	1.81795	64803.61364								
GBPAUDmicro	19-09-18	11:30-11:32	1.81188	621.5109375								
GBPAUDmicro	19-09-18	13:32-15:30			1.81051	19-09-18 13:32	1120.939369	Other	NA	Electronic	1.81014	1.81051
GBPAUDmicro	19-09-18	15:30-15:32	1.80941	5993.141183								
GBPAUDmicro	20-09-18	09:30-09:32	1.81806	388.4443359								
GBPAUDmicro	20-09-18	11:30-11:32	1.82217	33650.3779								
GBPAUDmicro	20-09-18	13:30-13:32	1.82206	832.3807198								
GBPAUDmicro	20-09-18	15:30-15:32	1.81997	554.9204799								
GBPAUDmicro	21-09-18	09:30-09:32	1.81059	266.3618303								
GBPAUDmicro	21-09-18	11:30-11:32	1.81147	166.476144								
GBPAUDmicro	21-09-18	13:30-13:32	1.79947	99.88568638								
GBPAUDmicro	21-09-18	15:30-15:32	1.79642	221.968192								
GBPAUDmicro	24-09-18	09:30-09:32	1.8032	66.59045759								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPAUDmicro	24-09-18	11:30-11:32	1.80733	321.8538783								
GBPAUDmicro	24-09-18	13:32-15:30			1.80805	24-09-18 13:32	221.968192	Other	NA	Electronic	1.80805	1.80846
GBPAUDmicro	24-09-18	15:32-17:30			1.80828	24-09-18 15:35	554.9204799	Other	NA	Electronic	1.80828	1.80858
GBPAUDmicro	25-09-18	09:30-09:32	1.81526	1109.84096								
GBPAUDmicro	25-09-18	11:32-13:30			1.81552	25-09-18 11:44	110.984096	Other	NA	Electronic	1.81516	1.81552
GBPAUDmicro	25-09-18	13:30-13:32	1.8111	332.9522879								
GBPAUDmicro	25-09-18	15:32-17:30			1.81452	25-09-18 15:35	110.984096	Other	NA	Electronic	1.81415	1.81452
GBPAUDmicro	26-09-18	09:32-11:30			1.81395	26-09-18 09:42	332.9522879	Other	NA	Electronic	1.81395	1.81428
GBPAUDmicro	26-09-18	11:30-11:32	1.81226	2552.634208								
GBPAUDmicro	26-09-18	13:30-13:32	1.81582	221.968192								
GBPAUDmicro	26-09-18	15:32-17:30			1.8151	26-09-18 15:47	887.8727678	Other	NA	Electronic	1.8151	1.81541
GBPAUDmicro	27-09-18	09:32-11:30			1.81549	27-09-18 09:36	22.1968192	Other	NA	Electronic	1.81549	1.81587
GBPAUDmicro	27-09-18	11:32-13:30			1.81566	27-09-18 11:32	22.1968192	Other	NA	Electronic	1.81566	1.81603
GBPAUDmicro	27-09-18	13:32-15:30			1.81798	27-09-18 13:34	1109.84096	Other	NA	Electronic	1.8176	1.81798
GBPAUDmicro	27-09-18	15:32-17:30			1.81589	27-09-18 15:37	33.29522879	Other	NA	Electronic	1.81555	1.81589

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GBPAUDmicro	28-09-18	09:32-11:30			1.81025	28-09-18 09:40	665.9045759	Other	NA	Electronic	1.81025	1.81067
GBPAUDmicro	28-09-18	11:30-11:32	1.80885	1165.333008								
GBPAUDmicro	28-09-18	13:30-13:32	1.80404	2941.078543								
GBPAUDmicro	28-09-18	15:32-17:30			1.80159	28-09-18 15:37	55.49204799	Other	NA	Electronic	1.80159	1.80192
GBPAUDmini	20-09-18	11:32-13:30			1.82403	20-09-18 12:54	53272.36607	Other	NA	Electronic	1.82365	1.82403
GBPAUDmini	21-09-18	11:32-13:30			1.802	21-09-18 13:06	53272.36607	Other	NA	Electronic	1.802	1.80269
GBPCAD	02-07-18	09:30-09:32	1.73281	16647.6144								
GBPCAD	02-07-18	11:32-13:30			1.73236	02-07-18 11:34	2219.68192	Other	NA	Electronic	1.73236	1.73289
GBPCAD	02-07-18	13:32-15:30			1.72922	02-07-18 13:32	1109.84096	Other	NA	Electronic	1.72871	1.72922
GBPCAD	02-07-18	15:32-17:30			1.73451	02-07-18 15:34	110984.096	Other	NA	Electronic	1.734	1.73451
GBPCAD	03-07-18	09:30-09:32	1.73483	5549.204799								
GBPCAD	03-07-18	11:30-11:32	1.73423	11098.4096								
GBPCAD	03-07-18	13:30-13:32	1.73193	120972.6646								
GBPCAD	03-07-18	15:32-17:30			1.73538	03-07-18 15:35	55492.04799	Other	NA	Electronic	1.73538	1.7359
GBPCAD	04-07-18	09:30-09:32	1.73708	9988.568638								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	04-07-18	11:32-13:30			1.73623	04-07-18 11:32	110984.096	Other	NA	Electronic	1.73567	1.73623
GBPCAD	04-07-18	13:30-13:32	1.73521	11098.4096								
GBPCAD	04-07-18	15:32-17:30			1.73709	04-07-18 15:50	8878.727678	Other	NA	Electronic	1.73709	1.73768
GBPCAD	05-07-18	09:32-11:30			1.73949	05-07-18 09:38	5549.204799	Other	NA	Electronic	1.73951	1.74002
GBPCAD	05-07-18	11:32-13:30			1.74131	05-07-18 11:37	3329.522879	Other	NA	Electronic	1.74131	1.74182
GBPCAD	05-07-18	13:30-13:32	1.73512	81018.39006								
GBPCAD	05-07-18	15:30-15:32	1.73544	1109.84096								
GBPCAD	06-07-18	09:32-11:30			1.73774	06-07-18 09:35	3329.522879	Other	NA	Electronic	1.73774	1.73824
GBPCAD	06-07-18	11:32-13:30			1.73771	06-07-18 11:37	1109.84096	Other	NA	Electronic	1.73771	1.73824
GBPCAD	06-07-18	13:30-13:32	1.74247	1109.84096								
GBPCAD	06-07-18	15:30-15:32	1.73696	1109.84096								
GBPCAD	09-07-18	09:30-09:32	1.74409	11098.4096								
GBPCAD	09-07-18	11:30-11:32	1.7452	27746.02399								
GBPCAD	09-07-18	13:30-13:32	1.74441	5549.204799								
GBPCAD	09-07-18	15:30-15:32	1.73559	112093.9369								

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GBPCAD	10-07-18	09:32-11:30			1.74005	10-07-18 09:32	55492.04799	Other	NA	Electronic	1.74005	1.74054
GBPCAD	10-07-18	11:32-13:30			1.7403	10-07-18 11:53	11098.4096	Other	NA	Electronic	1.73981	1.7403
GBPCAD	10-07-18	13:30-13:32	1.74366	56601.88895								
GBPCAD	10-07-18	15:32-17:30			1.74122	10-07-18 15:32	3329.522879	Other	NA	Electronic	1.74074	1.74122
GBPCAD	11-07-18	09:30-09:32	1.74442	2219.68192								
GBPCAD	11-07-18	11:30-11:32	1.74265	9988.568638								
GBPCAD	11-07-18	13:32-15:30			1.74216	11-07-18 13:35	11098.4096	Other	NA	Electronic	1.74216	1.74266
GBPCAD	11-07-18	15:30-15:32	1.73966	1109.84096								
GBPCAD	12-07-18	09:32-11:30			1.7438	12-07-18 09:32	1109.84096	Other	NA	Electronic	1.74327	1.7438
GBPCAD	12-07-18	11:32-13:30			1.74007	12-07-18 11:37	3329.522879	Other	NA	Electronic	1.74007	1.74059
GBPCAD	12-07-18	13:32-15:30			1.74104	12-07-18 13:35	3329.522879	Other	NA	Electronic	1.74104	1.74156
GBPCAD	12-07-18	15:30-15:32	1.74056	2219.68192								
GBPCAD	13-07-18	09:32-11:30			1.73116	13-07-18 09:34	1109.84096	Other	NA	Electronic	1.73061	1.73116
GBPCAD	13-07-18	11:32-13:30			1.73274	13-07-18 11:34	2219.68192	Other	NA	Electronic	1.73223	1.73274
GBPCAD	13-07-18	13:30-13:32	1.73692	3329.522879								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	13-07-18	15:32-17:30			1.73981	13-07-18 15:45	2219.68192	Other	NA	Electronic	1.73981	1.74034
GBPCAD	16-07-18	09:32-11:30			1.74337	16-07-18 09:35	3329.522879	Other	NA	Electronic	1.74286	1.74337
GBPCAD	16-07-18	11:30-11:32	1.7458	63260.93471								
GBPCAD	16-07-18	13:30-13:32	1.74251	4439.363839								
GBPCAD	16-07-18	15:30-15:32	1.7379	22196.8192								
GBPCAD	17-07-18	09:30-09:32	1.73924	1109.84096								
GBPCAD	17-07-18	11:32-13:30			1.73578	17-07-18 11:34	1109.84096	Other	NA	Electronic	1.73578	1.73632
GBPCAD	17-07-18	13:30-13:32	1.73504	5549.204799								
GBPCAD	17-07-18	15:30-15:32	1.73801	6659.045759								
GBPCAD	18-07-18	09:32-11:30			1.72751	18-07-18 09:32	2219.68192	Other	NA	Electronic	1.72704	1.72751
GBPCAD	18-07-18	11:30-11:32	1.72453	3329.522879								
GBPCAD	18-07-18	13:32-15:30			1.7271	18-07-18 13:33	1109.84096	Other	NA	Electronic	1.72659	1.7271
GBPCAD	18-07-18	15:30-15:32	1.72461	5549.204799								
GBPCAD	19-07-18	09:30-09:32	1.72025	11098.4096								
GBPCAD	19-07-18	11:30-11:32	1.71907	9988.568638								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	19-07-18	13:32-15:30			1.71965	19-07-18 13:35	5549.204799	Other	NA	Electronic	1.71914	1.71965
GBPCAD	19-07-18	15:32-17:30			1.72419	19-07-18 15:32	3329.522879	Other	NA	Electronic	1.72368	1.72419
GBPCAD	20-07-18	09:32-11:30			1.7244	20-07-18 09:40	2219.68192	Other	NA	Electronic	1.7239	1.7244
GBPCAD	20-07-18	11:32-13:30			1.72758	20-07-18 11:38	1109.84096	Other	NA	Electronic	1.72708	1.72758
GBPCAD	20-07-18	13:32-15:30			1.72004	20-07-18 13:33	1109.84096	Other	NA	Electronic	1.72003	1.72056
GBPCAD	20-07-18	15:30-15:32	1.72175	33295.22879								
GBPCAD	23-07-18	09:30-09:32	1.72475	23306.66016								
GBPCAD	23-07-18	11:32-13:30			1.72692	23-07-18 11:33	24416.50112	Other	NA	Electronic	1.72692	1.7274
GBPCAD	23-07-18	13:30-13:32	1.72526	1109.84096								
GBPCAD	23-07-18	15:32-17:30			1.72358	23-07-18 15:43	11098.4096	Other	NA	Electronic	1.72358	1.72405
GBPCAD	24-07-18	09:32-11:30			1.72652	24-07-18 09:38	5549.204799	Other	NA	Electronic	1.72652	1.72705
GBPCAD	24-07-18	11:30-11:32	1.72757	21086.97824								
GBPCAD	24-07-18	13:32-15:30			1.72761	24-07-18 13:38	22196.8192	Other	NA	Electronic	1.72709	1.72761
GBPCAD	24-07-18	15:32-17:30			1.72948	24-07-18 15:33	1109.84096	Other	NA	Electronic	1.72899	1.72948
GBPCAD	25-07-18	09:32-11:30			1.7283	25-07-18 09:32	1109.84096	Other	NA	Electronic	1.72776	1.7283

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	25-07-18	11:30-11:32	1.72771	22196.8192								
GBPCAD	25-07-18	13:30-13:32	1.72474	8878.727678								
GBPCAD	25-07-18	15:30-15:32	1.72361	16647.6144								
GBPCAD	26-07-18	09:32-11:30			1.72	26-07-18 09:40	33295.22879	Other	NA	Electronic	1.72	1.72053
GBPCAD	26-07-18	11:30-11:32	1.71943	55492.04799								
GBPCAD	26-07-18	13:30-13:32	1.71615	75469.18527								
GBPCAD	26-07-18	15:32-17:30			1.7158	26-07-18 15:47	2219.68192	Other	NA	Electronic	1.71585	1.71633
GBPCAD	27-07-18	09:32-11:30			1.71154	27-07-18 09:40	11098.4096	Other	NA	Electronic	1.71102	1.71154
GBPCAD	27-07-18	11:32-13:30			1.7117	27-07-18 11:38	3329.522879	Other	NA	Electronic	1.7117	1.71217
GBPCAD	27-07-18	13:30-13:32	1.714	1109.84096								
GBPCAD	27-07-18	15:32-17:30			1.71337	27-07-18 15:47	22196.8192	Other	NA	Electronic	1.71286	1.71337
GBPCAD	30-07-18	09:32-11:30			1.71424	30-07-18 09:32	11098.4096	Other	NA	Electronic	1.71372	1.71424
GBPCAD	30-07-18	11:32-13:30			1.71042	30-07-18 11:35	24416.50112	Other	NA	Electronic	1.7105	1.71093
GBPCAD	30-07-18	13:32-15:30			1.71091	30-07-18 13:36	2219.68192	Other	NA	Electronic	1.71091	1.71142
GBPCAD	30-07-18	15:32-17:30			1.71045	30-07-18 15:33	1109.84096	Other	NA	Electronic	1.70993	1.71045



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	31-07-18	09:32-11:30			1.7163	31-07-18 09:33	2219.68192	Other	NA	Electronic	1.71579	1.7163
GBPCAD	31-07-18	11:30-11:32	1.71565	23306.66016								
GBPCAD	31-07-18	13:32-15:30			1.71236	31-07-18 13:36	2219.68192	Other	NA	Electronic	1.71236	1.71286
GBPCAD	31-07-18	15:32-17:30			1.70781	31-07-18 15:32	5549.204799	Other	NA	Electronic	1.70729	1.70781
GBPCAD	01-08-18	09:30-09:32	1.70866	2219.68192								
GBPCAD	01-08-18	11:32-13:30			1.70977	01-08-18 11:34	5549.204799	Other	NA	Electronic	1.70977	1.71026
GBPCAD	01-08-18	13:30-13:32	1.70804	12208.25056								
GBPCAD	01-08-18	15:32-17:30			1.70516	01-08-18 15:36	110984.096	Other	NA	Electronic	1.70516	1.70562
GBPCAD	02-08-18	09:32-11:30			1.70398	02-08-18 09:40	22196.8192	Other	NA	Electronic	1.70398	1.70448
GBPCAD	02-08-18	11:30-11:32	1.70519	21086.97824								
GBPCAD	02-08-18	13:32-15:30			1.70086	02-08-18 13:34	1109.84096	Other	NA	Electronic	1.70086	1.70134
GBPCAD	02-08-18	15:30-15:32	1.6959	110984.096								
GBPCAD	03-08-18	09:30-09:32	1.69258	2219.68192								
GBPCAD	03-08-18	11:32-13:30			1.69334	03-08-18 11:39	1109.84096	Other	NA	Electronic	1.69334	1.69381
GBPCAD	03-08-18	13:32-15:30			1.68938	03-08-18 13:34	5549.204799	Other	NA	Electronic	1.68938	1.6899

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	03-08-18	15:30-15:32	1.6889	1109.84096								
GBPCAD	06-08-18	09:32-11:30			1.68643	06-08-18 09:35	2219.68192	Other	NA	Electronic	1.68643	1.68694
GBPCAD	06-08-18	11:30-11:32	1.68374	3329.522879								
GBPCAD	06-08-18	13:30-13:32	1.68531	1109.84096								
GBPCAD	06-08-18	15:32-17:30			1.68188	06-08-18 15:35	1109.84096	Other	NA	Electronic	1.68188	1.68241
GBPCAD	07-08-18	09:30-09:32	1.68189	33295.22879								
GBPCAD	07-08-18	11:32-13:30			1.68121	07-08-18 11:32	11098.4096	Other	NA	Electronic	1.68071	1.6812
GBPCAD	07-08-18	13:32-15:30			1.68201	07-08-18 13:32	55492.04799	Other	NA	Electronic	1.68152	1.68201
GBPCAD	07-08-18	15:30-15:32	1.68605	6659.045759								
GBPCAD	08-08-18	09:30-09:32	1.68685	5549.204799								
GBPCAD	08-08-18	11:30-11:32	1.68367	22196.8192								
GBPCAD	08-08-18	13:30-13:32	1.6808	25526.34208								
GBPCAD	08-08-18	15:30-15:32	1.6839	11098.4096								
GBPCAD	09-08-18	09:32-11:30			1.67586	09-08-18 09:32	1109.84096	Other	NA	Electronic	1.67586	1.67637
GBPCAD	09-08-18	11:32-13:30			1.68082	09-08-18 11:42	3329.522879	Other	NA	Electronic	1.68032	1.68082

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	09-08-18	13:32-15:30			1.67832	09-08-18 14:03	2219.68192	Other	NA	Electronic	1.67782	1.67832
GBPCAD	09-08-18	15:32-17:30			1.67732	09-08-18 15:37	5549.204799	Other	NA	Electronic	1.67732	1.6778
GBPCAD	10-08-18	09:32-11:30			1.67406	10-08-18 09:44	5549.204799	Other	NA	Electronic	1.67406	1.67457
GBPCAD	10-08-18	11:32-13:30			1.67293	10-08-18 11:50	1109.84096	Other	NA	Electronic	1.67243	1.67293
GBPCAD	10-08-18	13:30-13:32	1.66652	1109.84096								
GBPCAD	10-08-18	15:30-15:32	1.67427	3329.522879								
GBPCAD	13-08-18	09:30-09:32	1.67625	228627.2377								
GBPCAD	13-08-18	11:32-13:30			1.67799	13-08-18 11:36	2219.68192	Other	NA	Electronic	1.67799	1.67851
GBPCAD	13-08-18	13:30-13:32	1.67777	11098.4096								
GBPCAD	13-08-18	15:32-17:30			1.67473	13-08-18 15:32	1109.84096	Other	NA	Electronic	1.67473	1.67524
GBPCAD	14-08-18	09:30-09:32	1.67343	5549.204799								
GBPCAD	14-08-18	11:30-11:32	1.671	1109.84096								
GBPCAD	14-08-18	13:32-15:30			1.67165	14-08-18 13:32	5549.204799	Other	NA	Electronic	1.67116	1.67165
GBPCAD	14-08-18	15:32-17:30			1.66892	14-08-18 15:35	11098.4096	Other	NA	Electronic	1.66892	1.66941
GBPCAD	15-08-18	09:32-11:30			1.6635	15-08-18 09:32	3329.522879	Other	NA	Electronic	1.66302	1.6635

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	15-08-18	11:32-13:30			1.66516	15-08-18 11:37	5549.204799	Other	NA	Electronic	1.66465	1.66517
GBPCAD	15-08-18	13:32-15:30			1.66446	15-08-18 14:01	3329.522879	Other	NA	Electronic	1.66446	1.66496
GBPCAD	15-08-18	15:30-15:32	1.67103	1109.84096								
GBPCAD	16-08-18	09:32-11:30			1.66892	16-08-18 09:34	55492.04799	Other	NA	Electronic	1.6684	1.66892
GBPCAD	16-08-18	11:32-13:30			1.66982	16-08-18 11:35	11098.4096	Other	NA	Electronic	1.66935	1.66982
GBPCAD	16-08-18	13:32-15:30			1.67063	16-08-18 13:32	1109.84096	Other	NA	Electronic	1.67063	1.67111
GBPCAD	16-08-18	15:32-17:30			1.67292	16-08-18 15:39	2219.68192	Other	NA	Electronic	1.67243	1.67292
GBPCAD	17-08-18	09:32-11:30			1.67161	17-08-18 09:33	1109.84096	Other	NA	Electronic	1.67111	1.67161
GBPCAD	17-08-18	11:32-13:30			1.67269	17-08-18 12:01	1109.84096	Other	NA	Electronic	1.6722	1.67269
GBPCAD	17-08-18	13:32-15:30			1.66504	17-08-18 13:36	1109.84096	Other	NA	Electronic	1.66452	1.66504
GBPCAD	17-08-18	15:30-15:32	1.66555	33295.22879								
GBPCAD	20-08-18	09:32-11:30			1.66486	20-08-18 09:34	2219.68192	Other	NA	Electronic	1.66486	1.66534
GBPCAD	20-08-18	11:32-13:30			1.6683	20-08-18 11:32	1109.84096	Other	NA	Electronic	1.6683	1.66878
GBPCAD	20-08-18	13:32-15:30			1.6692	20-08-18 13:33	5549.204799	Other	NA	Electronic	1.6692	1.6697
GBPCAD	20-08-18	15:32-17:30			1.66773	20-08-18 15:37	1109.84096	Other	NA	Electronic	1.66773	1.66824

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	21-08-18	09:30-09:32	1.67027	11098.4096								
GBPCAD	21-08-18	11:32-13:30			1.67109	21-08-18 11:55	1109.84096	Other	NA	Electronic	1.67059	1.67109
GBPCAD	21-08-18	13:30-13:32	1.6751	1109.84096								
GBPCAD	21-08-18	15:32-17:30			1.67853	21-08-18 15:40	5549.204799	Other	NA	Electronic	1.67853	1.67905
GBPCAD	22-08-18	09:32-11:30			1.67755	22-08-18 09:33	3329.522879	Other	NA	Electronic	1.67755	1.67806
GBPCAD	22-08-18	11:32-13:30			1.67943	22-08-18 11:39	1109.84096	Other	NA	Electronic	1.67898	1.67943
GBPCAD	22-08-18	13:32-15:30			1.68321	22-08-18 13:32	11098.4096	Other	NA	Electronic	1.68272	1.68321
GBPCAD	22-08-18	15:32-17:30			1.68074	22-08-18 15:35	2219.68192	Other	NA	Electronic	1.68074	1.68125
GBPCAD	23-08-18	09:30-09:32	1.67717	134290.7561								
GBPCAD	23-08-18	11:32-13:30			1.6799	23-08-18 11:36	1109.84096	Other	NA	Electronic	1.6799	1.68039
GBPCAD	23-08-18	13:30-13:32	1.67924	1109.84096								
GBPCAD	23-08-18	15:30-15:32	1.67487	9988.568638								
GBPCAD	24-08-18	09:32-11:30			1.67682	24-08-18 09:33	5549.204799	Other	NA	Electronic	1.67632	1.67682
GBPCAD	24-08-18	11:32-13:30			1.67977	24-08-18 11:35	11098.4096	Other	NA	Electronic	1.67977	1.68025
GBPCAD	24-08-18	13:30-13:32	1.67789	2219.68192								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	24-08-18	15:32-17:30			1.67399	24-08-18 15:40	1109.84096	Other	NA	Electronic	1.67396	1.67447
GBPCAD	27-08-18	09:32-11:30			1.67269	27-08-18 09:42	1109.84096	Other	NA	Electronic	1.67269	1.67321
GBPCAD	27-08-18	11:32-13:30			1.67763	27-08-18 11:32	1109.84096	Other	NA	Electronic	1.67763	1.67812
GBPCAD	27-08-18	13:32-15:30			1.67911	27-08-18 13:40	1109.84096	Other	NA	Electronic	1.6787	1.67911
GBPCAD	27-08-18	15:30-15:32	1.67341	2219.68192								
GBPCAD	28-08-18	09:32-11:30			1.67067	28-08-18 09:34	1109.84096	Other	NA	Electronic	1.67015	1.67065
GBPCAD	28-08-18	11:32-13:30			1.66892	28-08-18 11:37	1109.84096	Other	NA	Electronic	1.66842	1.66892
GBPCAD	28-08-18	13:30-13:32	1.66706	4439.363839								
GBPCAD	28-08-18	15:30-15:32	1.66414	6659.045759								
GBPCAD	29-08-18	09:30-09:32	1.66543	1109.84096								
GBPCAD	29-08-18	11:32-13:30			1.66702	29-08-18 11:43	22196.8192	Other	NA	Electronic	1.66702	1.6675
GBPCAD	29-08-18	13:30-13:32	1.66496	1109.84096								
GBPCAD	29-08-18	15:32-17:30			1.68294	29-08-18 15:35	1109.84096	Other	NA	Electronic	1.68294	1.68344
GBPCAD	30-08-18	09:32-11:30			1.68314	30-08-18 09:39	3329.522879	Other	NA	Electronic	1.68266	1.68314
GBPCAD	30-08-18	11:32-13:30			1.68243	30-08-18 11:33	16647.6144	Other	NA	Electronic	1.68243	1.68291

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	30-08-18	13:30-13:32	1.68757	15537.77344								
GBPCAD	30-08-18	15:30-15:32	1.68741	1109.84096								
GBPCAD	31-08-18	09:30-09:32	1.69357	1109.84096								
GBPCAD	31-08-18	11:30-11:32	1.68923	1109.84096								
GBPCAD	31-08-18	13:30-13:32	1.69325	1109.84096								
GBPCAD	31-08-18	15:32-17:30			1.69839	31-08-18 15:34	110984.096	Other	NA	Electronic	1.6979	1.69839
GBPCAD	03-09-18	09:32-11:30			1.68144	03-09-18 09:50	1109.84096	Other	NA	Electronic	1.68144	1.68192
GBPCAD	03-09-18	11:32-13:30			1.6809	03-09-18 11:34	1109.84096	Other	NA	Electronic	1.6809	1.68139
GBPCAD	03-09-18	13:32-15:30			1.68198	03-09-18 13:42	11098.4096	Other	NA	Electronic	1.68146	1.68198
GBPCAD	03-09-18	15:30-15:32	1.68706	49942.84319								
GBPCAD	04-09-18	09:32-11:30			1.68578	04-09-18 09:45	1109.84096	Other	NA	Electronic	1.68578	1.68627
GBPCAD	04-09-18	11:30-11:32	1.6871	6659.045759								
GBPCAD	04-09-18	13:30-13:32	1.69332	1109.84096								
GBPCAD	04-09-18	15:30-15:32	1.69071	4439.363839								
GBPCAD	05-09-18	09:32-11:30			1.69173	05-09-18 09:33	3329.522879	Other	NA	Electronic	1.6912	1.69173

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	05-09-18	11:32-13:30			1.68817	05-09-18 11:33	1109.84096	Other	NA	Electronic	1.68766	1.68817
GBPCAD	05-09-18	13:30-13:32	1.70811	1109.84096								
GBPCAD	05-09-18	15:30-15:32	1.7004	23306.66016								
GBPCAD	06-09-18	09:32-11:30			1.70241	06-09-18 09:44	1109.84096	Other	NA	Electronic	1.70241	1.70292
GBPCAD	06-09-18	11:32-13:30			1.70522	06-09-18 11:34	2219.68192	Other	NA	Electronic	1.70472	1.70522
GBPCAD	06-09-18	13:32-15:30			1.70635	06-09-18 13:44	27746.02399	Other	NA	Electronic	1.70635	1.70681
GBPCAD	06-09-18	15:30-15:32	1.70934	3329.522879								
GBPCAD	07-09-18	09:30-09:32	1.69872	1109.84096								
GBPCAD	07-09-18	11:32-13:30			1.70493	07-09-18 11:34	6659.045759	Other	NA	Electronic	1.70493	1.70545
GBPCAD	07-09-18	13:32-15:30			1.70622	07-09-18 13:34	1109.84096	Other	NA	Electronic	1.70572	1.70622
GBPCAD	07-09-18	15:32-17:30			1.70473	07-09-18 15:36	2219.68192	Other	NA	Electronic	1.70424	1.70473
GBPCAD	10-09-18	09:30-09:32	1.70557	5549.204799								
GBPCAD	10-09-18	11:30-11:32	1.70419	1109.84096								
GBPCAD	10-09-18	13:30-13:32	1.71463	12208.25056								
GBPCAD	10-09-18	15:30-15:32	1.71363	2219.68192								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	11-09-18	09:32-11:30			1.71528	11-09-18 09:33	4439.363839	Other	NA	Electronic	1.71477	1.71528
GBPCAD	11-09-18	11:30-11:32	1.71307	110984.096								
GBPCAD	11-09-18	13:30-13:32	1.70939	1109.84096								
GBPCAD	11-09-18	15:30-15:32	1.70633	2219.68192								
GBPCAD	12-09-18	09:32-11:30			1.70288	12-09-18 09:33	36624.75167	Other	NA	Electronic	1.70235	1.70288
GBPCAD	12-09-18	11:30-11:32	1.69751	3329.522879								
GBPCAD	12-09-18	13:32-15:30			1.69832	12-09-18 13:45	1109.84096	Other	NA	Electronic	1.69781	1.69832
GBPCAD	12-09-18	15:30-15:32	1.69413	11098.4096								
GBPCAD	13-09-18	09:30-09:32	1.6983	1109.84096								
GBPCAD	13-09-18	11:30-11:32	1.69589	1109.84096								
GBPCAD	13-09-18	13:30-13:32	1.7025	1109.84096								
GBPCAD	13-09-18	15:32-17:30			1.70416	13-09-18 15:40	1109.84096	Other	NA	Electronic	1.70369	1.70416
GBPCAD	14-09-18	09:32-11:30			1.7075	14-09-18 09:33	11098.4096	Other	NA	Electronic	1.70705	1.7075
GBPCAD	14-09-18	11:32-13:30			1.70382	14-09-18 11:36	2219.68192	Other	NA	Electronic	1.70382	1.7043
GBPCAD	14-09-18	13:30-13:32	1.70577	5549.204799								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	14-09-18	15:32-17:30			1.7043	14-09-18 15:39	11098.4096	Other	NA	Electronic	1.7043	1.70474
GBPCAD	17-09-18	09:32-11:30			1.70713	17-09-18 09:50	1109.84096	Other	NA	Electronic	1.70669	1.70713
GBPCAD	17-09-18	11:32-13:30			1.70868	17-09-18 11:41	2219.68192	Other	NA	Electronic	1.70824	1.70868
GBPCAD	17-09-18	13:32-15:30			1.71065	17-09-18 13:34	5549.204799	Other	NA	Electronic	1.71065	1.71113
GBPCAD	17-09-18	15:32-17:30			1.71175	17-09-18 15:43	5549.204799	Other	NA	Electronic	1.71175	1.71221
GBPCAD	18-09-18	09:30-09:32	1.7093	3329.522879								
GBPCAD	18-09-18	11:30-11:32	1.71132	2219.68192								
GBPCAD	18-09-18	13:32-15:30			1.70959	18-09-18 13:37	33295.22879	Other	NA	Electronic	1.70959	1.71005
GBPCAD	18-09-18	15:30-15:32	1.7085	1109.84096								
GBPCAD	19-09-18	09:30-09:32	1.70637	2219.68192								
GBPCAD	19-09-18	11:30-11:32	1.7018	9988.568638								
GBPCAD	19-09-18	13:32-15:30			1.70214	19-09-18 13:39	1109.84096	Other	NA	Electronic	1.70166	1.70214
GBPCAD	19-09-18	15:32-17:30			1.70309	19-09-18 15:33	1109.84096	Other	NA	Electronic	1.70268	1.70309
GBPCAD	20-09-18	09:30-09:32	1.70616	3329.522879								
GBPCAD	20-09-18	11:30-11:32	1.71137	2219.68192								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD	20-09-18	13:30-13:32	1.71054	39954.27455								
GBPCAD	20-09-18	15:30-15:32	1.71004	11098.4096								
GBPCAD	21-09-18	09:32-11:30			1.70208	21-09-18 09:32	2219.68192	Other	NA	Electronic	1.70158	1.70208
GBPCAD	21-09-18	11:32-13:30			1.70239	21-09-18 12:00	3329.522879	Other	NA	Electronic	1.70239	1.70287
GBPCAD	21-09-18	13:30-13:32	1.69007	66590.45759								
GBPCAD	21-09-18	15:32-17:30			1.68844	21-09-18 15:37	1109.84096	Other	NA	Electronic	1.68844	1.68891
GBPCAD	24-09-18	09:32-11:30			1.69764	24-09-18 09:34	5549.204799	Other	NA	Electronic	1.69764	1.69813
GBPCAD	24-09-18	11:32-13:30			1.70042	24-09-18 11:32	1109.84096	Other	NA	Electronic	1.70042	1.70091
GBPCAD	24-09-18	13:30-13:32	1.69974	5549.204799								
GBPCAD	24-09-18	15:30-15:32	1.69929	5549.204799								
GBPCAD	25-09-18	09:30-09:32	1.70366	11098.4096								
GBPCAD	25-09-18	11:30-11:32	1.70678	38844.43359								
GBPCAD	25-09-18	13:32-15:30			1.70252	25-09-18 13:40	3329.522879	Other	NA	Electronic	1.70251	1.70297
GBPCAD	25-09-18	15:32-17:30			1.70204	25-09-18 15:48	1109.84096	Other	NA	Electronic	1.70204	1.7025
GBPCAD	26-09-18	09:32-11:30			1.70567	26-09-18 09:58	1109.84096	Other	NA	Electronic	1.7052	1.70567

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GBPCAD	26-09-18	11:32-13:30			1.70381	26-09-18 11:35	3329.522879	Other	NA	Electronic	1.70336	1.70381
GBPCAD	26-09-18	13:32-15:30			1.70494	26-09-18 13:32	1109.84096	Other	NA	Electronic	1.70494	1.7054
GBPCAD	26-09-18	15:30-15:32	1.70807	110984.096								
GBPCAD	27-09-18	09:32-11:30			1.71241	27-09-18 09:33	3329.522879	Other	NA	Electronic	1.71241	1.7129
GBPCAD	27-09-18	11:32-13:30			1.71506	27-09-18 11:32	11098.4096	Other	NA	Electronic	1.71461	1.71506
GBPCAD	27-09-18	13:32-15:30			1.7144	27-09-18 13:33	55492.04799	Other	NA	Electronic	1.71391	1.7144
GBPCAD	27-09-18	15:30-15:32	1.71007	249714.216								
GBPCAD	28-09-18	09:32-11:30			1.70027	28-09-18 09:37	1109.84096	Other	NA	Electronic	1.69978	1.70027
GBPCAD	28-09-18	11:30-11:32	1.69789	3329.522879								
GBPCAD	28-09-18	13:30-13:32	1.69	3329.522879								
GBPCAD	28-09-18	15:32-17:30			1.68516	28-09-18 15:34	55492.04799	Other	NA	Electronic	1.68516	1.68566
GBPCAD.	02-07-18	09:32-11:30			1.73263	02-07-18 09:40	5549.204799	Other	NA	Electronic	1.73263	1.73286
GBPCAD.	02-07-18	11:32-13:30			1.73193	02-07-18 11:39	5549.204799	Other	NA	Electronic	1.73171	1.73193
GBPCAD.	02-07-18	13:30-13:32	1.72902	1109.84096								
GBPCAD.	02-07-18	15:30-15:32	1.73455	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	03-07-18	09:30-09:32	1.73493	5549.204799								
GBPCAD.	03-07-18	11:30-11:32	1.73456	1109.84096								
GBPCAD.	03-07-18	13:30-13:32	1.732	1109.84096								
GBPCAD.	03-07-18	15:32-17:30			1.73541	03-07-18 15:37	3329.522879	Other	NA	Electronic	1.73541	1.73561
GBPCAD.	04-07-18	09:32-11:30			1.73729	04-07-18 09:45	5549.204799	Other	NA	Electronic	1.73729	1.73754
GBPCAD.	04-07-18	11:32-13:30			1.73571	04-07-18 11:39	1109.84096	Other	NA	Electronic	1.73571	1.73594
GBPCAD.	04-07-18	13:32-15:30			1.73699	04-07-18 13:50	1109.84096	Other	NA	Electronic	1.73701	1.7373
GBPCAD.	04-07-18	15:32-17:30			1.73734	04-07-18 16:16	56601.88895	Other	NA	Electronic	1.73734	1.73768
GBPCAD.	05-07-18	09:30-09:32	1.73884	1109.84096								
GBPCAD.	05-07-18	11:32-13:30			1.74094	05-07-18 12:05	1109.84096	Other	NA	Electronic	1.74075	1.74088
GBPCAD.	05-07-18	13:30-13:32	1.7346	1109.84096								
GBPCAD.	05-07-18	15:32-17:30			1.73432	05-07-18 15:41	13318.09152	Other	NA	Electronic	1.73412	1.73432
GBPCAD.	06-07-18	09:32-11:30			1.73764	06-07-18 09:53	22196.8192	Other	NA	Electronic	1.73764	1.73786
GBPCAD.	06-07-18	11:32-13:30			1.73711	06-07-18 11:52	1109.84096	Other	NA	Electronic	1.73689	1.73711
GBPCAD.	06-07-18	13:30-13:32	1.74206	2219.68192								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	06-07-18	15:32-17:30			1.73634	06-07-18 15:54	11098.4096	Other	NA	Electronic	1.7361	1.73634
GBPCAD.	09-07-18	09:32-11:30			1.74365	09-07-18 09:34	116533.3008	Other	NA	Electronic	1.74365	1.74388
GBPCAD.	09-07-18	11:32-13:30			1.7452	09-07-18 11:46	1109.84096	Other	NA	Electronic	1.74498	1.7452
GBPCAD.	09-07-18	13:32-15:30			1.74198	09-07-18 13:43	1109.84096	Other	NA	Electronic	1.74198	1.74224
GBPCAD.	09-07-18	15:32-17:30			1.73501	09-07-18 15:32	11098.4096	Other	NA	Electronic	1.73501	1.73525
GBPCAD.	10-07-18	09:32-11:30			1.7409	10-07-18 10:17	55492.04799	Other	NA	Electronic	1.74069	1.74087
GBPCAD.	10-07-18	11:32-13:30			1.73953	10-07-18 11:46	1109.84096	Other	NA	Electronic	1.73954	1.73977
GBPCAD.	10-07-18	13:32-15:30			1.74229	10-07-18 13:59	11098.4096	Other	NA	Electronic	1.74229	1.7425
GBPCAD.	10-07-18	15:32-17:30			1.73896	10-07-18 15:47	5549.204799	Other	NA	Electronic	1.73898	1.73921
GBPCAD.	11-07-18	09:32-11:30			1.74388	11-07-18 10:10	5549.204799	Other	NA	Electronic	1.74369	1.74388
GBPCAD.	11-07-18	11:32-13:30			1.74131	11-07-18 11:57	11098.4096	Other	NA	Electronic	1.74109	1.74131
GBPCAD.	11-07-18	13:32-15:30			1.74222	11-07-18 13:33	5549.204799	Other	NA	Electronic	1.74222	1.74243
GBPCAD.	11-07-18	15:32-17:30			1.73922	11-07-18 15:40	221968.192	Other	NA	Electronic	1.73902	1.73922
GBPCAD.	12-07-18	09:32-11:30			1.74455	12-07-18 10:05	1109.84096	Other	NA	Electronic	1.74433	1.74455
GBPCAD.	12-07-18	11:32-13:30			1.7405	12-07-18 11:35	11098.4096	Other	NA	Electronic	1.7405	1.74071

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GBPCAD.	12-07-18	13:30-13:32	1.7408	2219.68192								
GBPCAD.	12-07-18	15:32-17:30			1.74176	12-07-18 16:03	33295.22879	Other	NA	Electronic	1.74176	1.742
GBPCAD.	13-07-18	09:32-11:30			1.73187	13-07-18 09:38	1109.84096	Other	NA	Electronic	1.73164	1.73186
GBPCAD.	13-07-18	11:32-13:30			1.73234	13-07-18 11:44	112093.9369	Other	NA	Electronic	1.73235	1.73255
GBPCAD.	13-07-18	13:30-13:32	1.73617	1109.84096								
GBPCAD.	13-07-18	15:30-15:32	1.74002	2219.68192								
GBPCAD.	16-07-18	09:32-11:30			1.74277	16-07-18 09:32	5549.204799	Other	NA	Electronic	1.74277	1.74296
GBPCAD.	16-07-18	11:32-13:30			1.74489	16-07-18 11:45	1109.84096	Other	NA	Electronic	1.74472	1.74489
GBPCAD.	16-07-18	13:32-15:30			1.74175	16-07-18 13:42	1109.84096	Other	NA	Electronic	1.74175	1.74194
GBPCAD.	16-07-18	15:32-17:30			1.73817	16-07-18 15:52	1109.84096	Other	NA	Electronic	1.73795	1.73817
GBPCAD.	17-07-18	09:32-11:30			1.74098	17-07-18 10:15	5549.204799	Other	NA	Electronic	1.74077	1.74098
GBPCAD.	17-07-18	11:32-13:30			1.73674	17-07-18 11:38	1109.84096	Other	NA	Electronic	1.73652	1.73674
GBPCAD.	17-07-18	13:30-13:32	1.73467	11098.4096								
GBPCAD.	17-07-18	15:32-17:30			1.73724	17-07-18 15:45	11098.4096	Other	NA	Electronic	1.73724	1.73746
GBPCAD.	18-07-18	09:32-11:30			1.72638	18-07-18 10:01	11098.4096	Other	NA	Electronic	1.72615	1.72637

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GBPCAD.	18-07-18	11:32-13:30			1.72547	18-07-18 11:43	3329.522879	Other	NA	Electronic	1.72526	1.72547
GBPCAD.	18-07-18	13:32-15:30			1.72687	18-07-18 13:41	1109.84096	Other	NA	Electronic	1.72687	1.72711
GBPCAD.	18-07-18	15:32-17:30			1.72367	18-07-18 15:46	1109.84096	Other	NA	Electronic	1.72348	1.72369
GBPCAD.	19-07-18	09:32-11:30			1.72053	19-07-18 10:11	66590.45759	Other	NA	Electronic	1.72055	1.72079
GBPCAD.	19-07-18	11:32-13:30			1.71799	19-07-18 11:51	1109.84096	Other	NA	Electronic	1.71799	1.7182
GBPCAD.	19-07-18	13:32-15:30			1.71811	19-07-18 13:45	16647.6144	Other	NA	Electronic	1.71794	1.71811
GBPCAD.	19-07-18	15:32-17:30			1.7238	19-07-18 15:38	79908.5491	Other	NA	Electronic	1.72359	1.7238
GBPCAD.	20-07-18	09:30-09:32	1.72446	66590.45759								
GBPCAD.	20-07-18	11:32-13:30			1.72703	20-07-18 11:35	1109.84096	Other	NA	Electronic	1.72703	1.72725
GBPCAD.	20-07-18	13:32-15:30			1.71879	20-07-18 13:58	3329.522879	Other	NA	Electronic	1.71861	1.7188
GBPCAD.	20-07-18	15:32-17:30			1.72325	20-07-18 15:56	1109.84096	Other	NA	Electronic	1.72321	1.72338
GBPCAD.	23-07-18	09:32-11:30			1.72439	23-07-18 09:35	1109.84096	Other	NA	Electronic	1.72439	1.7246
GBPCAD.	23-07-18	11:32-13:30			1.72664	23-07-18 12:19	11098.4096	Other	NA	Electronic	1.7264	1.72664
GBPCAD.	23-07-18	13:32-15:30			1.72427	23-07-18 14:00	11098.4096	Other	NA	Electronic	1.72427	1.72455
GBPCAD.	23-07-18	15:32-17:30			1.72413	23-07-18 15:43	11098.4096	Other	NA	Electronic	1.72392	1.72413



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	24-07-18	09:32-11:30			1.72639	24-07-18 11:08	4439.363839	Other	NA	Electronic	1.72639	1.72659
GBPCAD.	24-07-18	11:32-13:30			1.72634	24-07-18 12:43	2219.68192	Other	NA	Electronic	1.72614	1.72634
GBPCAD.	24-07-18	13:32-15:30			1.72883	24-07-18 13:44	1109.84096	Other	NA	Electronic	1.72862	1.72883
GBPCAD.	24-07-18	15:32-17:30			1.72934	24-07-18 15:40	33295.22879	Other	NA	Electronic	1.72935	1.72956
GBPCAD.	25-07-18	09:32-11:30			1.72694	25-07-18 09:37	11098.4096	Other	NA	Electronic	1.72694	1.72717
GBPCAD.	25-07-18	11:30-11:32	1.72777	77688.86719								
GBPCAD.	25-07-18	13:30-13:32	1.72385	22196.8192								
GBPCAD.	25-07-18	15:32-17:30			1.72308	25-07-18 15:46	11098.4096	Other	NA	Electronic	1.72308	1.7233
GBPCAD.	26-07-18	09:32-11:30			1.71976	26-07-18 10:01	1109.84096	Other	NA	Electronic	1.71976	1.71998
GBPCAD.	26-07-18	11:32-13:30			1.72011	26-07-18 11:41	3329.522879	Other	NA	Electronic	1.7199	1.72011
GBPCAD.	26-07-18	13:32-15:30			1.71467	26-07-18 13:39	2219.68192	Other	NA	Electronic	1.71449	1.71467
GBPCAD.	26-07-18	15:32-17:30			1.71797	26-07-18 15:42	3329.522879	Other	NA	Electronic	1.71797	1.71815
GBPCAD.	27-07-18	09:32-11:30			1.711	27-07-18 09:48	1109.84096	Other	NA	Electronic	1.711	1.71122
GBPCAD.	27-07-18	11:32-13:30			1.70968	27-07-18 12:17	2219.68192	Other	NA	Electronic	1.70945	1.70967
GBPCAD.	27-07-18	13:32-15:30			1.71416	27-07-18 13:39	1109.84096	Other	NA	Electronic	1.71416	1.71433

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GBPCAD.	27-07-18	15:32-17:30			1.71326	27-07-18 15:49	5549.204799	Other	NA	Electronic	1.71326	1.71344
GBPCAD.	30-07-18	09:32-11:30			1.71391	30-07-18 09:35	5549.204799	Other	NA	Electronic	1.71369	1.71391
GBPCAD.	30-07-18	11:32-13:30			1.71084	30-07-18 11:54	1109.84096	Other	NA	Electronic	1.71062	1.71084
GBPCAD.	30-07-18	13:32-15:30			1.71048	30-07-18 13:51	1109.84096	Other	NA	Electronic	1.71377	1.71403
GBPCAD.	30-07-18	15:32-17:30			1.71031	30-07-18 15:34	3329.522879	Other	NA	Electronic	1.71016	1.71031
GBPCAD.	31-07-18	09:32-11:30			1.71607	31-07-18 09:42	5549.204799	Other	NA	Electronic	1.71587	1.71607
GBPCAD.	31-07-18	11:32-13:30			1.71522	31-07-18 12:00	2219.68192	Other	NA	Electronic	1.71522	1.71541
GBPCAD.	31-07-18	13:32-15:30			1.70693	31-07-18 14:52	2219.68192	Other	NA	Electronic	1.70676	1.70684
GBPCAD.	31-07-18	15:32-17:30			1.70792	31-07-18 15:56	1109.84096	Other	NA	Electronic	1.70775	1.70794
GBPCAD.	01-08-18	09:30-09:32	1.70807	55492.04799								
GBPCAD.	01-08-18	11:32-13:30			1.71011	01-08-18 12:08	29965.70591	Other	NA	Electronic	1.71011	1.71032
GBPCAD.	01-08-18	13:32-15:30			1.70666	01-08-18 13:39	24416.50112	Other	NA	Electronic	1.70646	1.70666
GBPCAD.	01-08-18	15:32-17:30			1.7062	01-08-18 16:03	11098.4096	Other	NA	Electronic	1.7062	1.70642
GBPCAD.	02-08-18	09:32-11:30			1.70439	02-08-18 09:54	11098.4096	Other	NA	Electronic	1.70419	1.70439
GBPCAD.	02-08-18	11:32-13:30			1.70383	02-08-18 11:45	55492.04799	Other	NA	Electronic	1.70383	1.70408

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	02-08-18	13:32-15:30			1.69995	02-08-18 13:42	55492.04799	Other	NA	Electronic	1.69995	1.70017
GBPCAD.	02-08-18	15:32-17:30			1.69541	02-08-18 16:15	11098.4096	Other	NA	Electronic	1.6952	1.69541
GBPCAD.	03-08-18	09:32-11:30			1.69305	03-08-18 10:06	1109.84096	Other	NA	Electronic	1.69305	1.69326
GBPCAD.	03-08-18	11:32-13:30			1.69363	03-08-18 11:36	2219.68192	Other	NA	Electronic	1.69343	1.69363
GBPCAD.	03-08-18	13:32-15:30			1.68916	03-08-18 13:45	27746.02399	Other	NA	Electronic	1.68896	1.68918
GBPCAD.	03-08-18	15:32-17:30			1.68912	03-08-18 16:19	1109.84096	Other	NA	Electronic	1.68894	1.68912
GBPCAD.	06-08-18	09:32-11:30			1.68666	06-08-18 09:44	4439.363839	Other	NA	Electronic	1.68666	1.68683
GBPCAD.	06-08-18	11:32-13:30			1.68363	06-08-18 12:12	11098.4096	Other	NA	Electronic	1.68343	1.68363
GBPCAD.	06-08-18	13:32-15:30			1.68571	06-08-18 13:46	2219.68192	Other	NA	Electronic	1.68571	1.68587
GBPCAD.	06-08-18	15:32-17:30			1.68256	06-08-18 15:33	122082.5056	Other	NA	Electronic	1.68236	1.68256
GBPCAD.	07-08-18	09:32-11:30			1.68199	07-08-18 09:42	2219.68192	Other	NA	Electronic	1.68181	1.68201
GBPCAD.	07-08-18	11:32-13:30			1.68106	07-08-18 11:45	3329.522879	Other	NA	Electronic	1.68106	1.68125
GBPCAD.	07-08-18	13:32-15:30			1.68143	07-08-18 13:34	7768.886719	Other	NA	Electronic	1.68143	1.6816
GBPCAD.	07-08-18	15:32-17:30			1.68592	07-08-18 15:39	4439.363839	Other	NA	Electronic	1.68592	1.68613
GBPCAD.	08-08-18	09:32-11:30			1.68637	08-08-18 10:19	2219681.92	Other	NA	Electronic	1.68617	1.68637

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	08-08-18	11:32-13:30			1.6836	08-08-18 12:15	2219.68192	Other	NA	Electronic	1.68339	1.6836
GBPCAD.	08-08-18	13:32-15:30			1.68304	08-08-18 14:00	5549.204799	Other	NA	Electronic	1.68285	1.68304
GBPCAD.	09-08-18	09:32-11:30			1.67746	09-08-18 09:41	5549.204799	Other	NA	Electronic	1.67725	1.67746
GBPCAD.	09-08-18	11:32-13:30			1.68002	09-08-18 11:32	3329.522879	Other	NA	Electronic	1.68002	1.68021
GBPCAD.	09-08-18	13:32-15:30			1.67906	09-08-18 14:10	1109.84096	Other	NA	Electronic	1.67886	1.67906
GBPCAD.	09-08-18	15:32-17:30			1.6782	09-08-18 16:09	3329.522879	Other	NA	Electronic	1.6782	1.67844
GBPCAD.	10-08-18	09:32-11:30			1.67173	10-08-18 11:01	166476.144	Other	NA	Electronic	1.67173	1.67194
GBPCAD.	10-08-18	11:32-13:30			1.67248	10-08-18 11:44	5549.204799	Other	NA	Electronic	1.67227	1.67248
GBPCAD.	10-08-18	13:32-15:30			1.66989	10-08-18 14:00	5549.204799	Other	NA	Electronic	1.66968	1.66989
GBPCAD.	10-08-18	15:32-17:30			1.67502	10-08-18 15:53	7768.886719	Other	NA	Electronic	1.67481	1.67502
GBPCAD.	13-08-18	09:32-11:30			1.6761	13-08-18 10:17	5549.204799	Other	NA	Electronic	1.6761	1.67631
GBPCAD.	13-08-18	11:32-13:30			1.67837	13-08-18 12:24	112093.9369	Other	NA	Electronic	1.67837	1.67858
GBPCAD.	13-08-18	13:32-15:30			1.6758	13-08-18 14:39	14427.93248	Other	NA	Electronic	1.6756	1.6758
GBPCAD.	13-08-18	15:32-17:30			1.67693	13-08-18 16:37	1109.84096	Other	NA	Electronic	1.67672	1.67693
GBPCAD.	14-08-18	09:32-11:30			1.67237	14-08-18 10:10	2219.68192	Other	NA	Electronic	1.67237	1.67256

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	14-08-18	11:32-13:30			1.6711	14-08-18 11:32	1109.84096	Other	NA	Electronic	1.6709	1.6711
GBPCAD.	14-08-18	13:30-13:32	1.67134	2219.68192								
GBPCAD.	14-08-18	15:32-17:30			1.66902	14-08-18 15:38	2219.68192	Other	NA	Electronic	1.66882	1.66902
GBPCAD.	15-08-18	09:30-09:32	1.6633	16647.6144								
GBPCAD.	15-08-18	11:30-11:32	1.66466	4439.363839								
GBPCAD.	15-08-18	13:32-15:30			1.664	15-08-18 13:37	1109.84096	Other	NA	Electronic	1.66377	1.664
GBPCAD.	15-08-18	15:32-17:30			1.67102	15-08-18 15:43	1109.84096	Other	NA	Electronic	1.67102	1.67118
GBPCAD.	16-08-18	09:32-11:30			1.66696	16-08-18 10:12	1109.84096	Other	NA	Electronic	1.66696	1.66714
GBPCAD.	16-08-18	11:32-13:30			1.66953	16-08-18 11:45	9988.568638	Other	NA	Electronic	1.66932	1.66953
GBPCAD.	16-08-18	13:32-15:30			1.67269	16-08-18 13:45	43283.79743	Other	NA	Electronic	1.67242	1.67269
GBPCAD.	16-08-18	15:32-17:30			1.67221	16-08-18 15:54	4439.363839	Other	NA	Electronic	1.67199	1.67221
GBPCAD.	17-08-18	09:32-11:30			1.67035	17-08-18 10:03	3329.522879	Other	NA	Electronic	1.67035	1.67053
GBPCAD.	17-08-18	11:32-13:30			1.67206	17-08-18 12:16	2219.68192	Other	NA	Electronic	1.67206	1.67225
GBPCAD.	17-08-18	13:32-15:30			1.66605	17-08-18 15:22	1109.84096	Other	NA	Electronic	1.66605	1.66623
GBPCAD.	20-08-18	09:32-11:30			1.66769	20-08-18 11:01	22196.8192	Other	NA	Electronic	1.66749	1.66769

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	20-08-18	11:32-13:30			1.66951	20-08-18 11:43	4439.363839	Other	NA	Electronic	1.66932	1.66951
GBPCAD.	20-08-18	13:32-15:30			1.66901	20-08-18 13:38	22196.8192	Other	NA	Electronic	1.66901	1.66922
GBPCAD.	20-08-18	15:32-17:30			1.66992	20-08-18 16:37	5549.204799	Other	NA	Electronic	1.66992	1.67013
GBPCAD.	21-08-18	09:32-11:30			1.67069	21-08-18 10:20	44393.63839	Other	NA	Electronic	1.67048	1.67069
GBPCAD.	21-08-18	11:32-13:30			1.67002	21-08-18 12:00	5549.204799	Other	NA	Electronic	1.67002	1.67022
GBPCAD.	21-08-18	13:32-15:30			1.67426	21-08-18 13:34	11098.4096	Other	NA	Electronic	1.67407	1.67426
GBPCAD.	21-08-18	15:32-17:30			1.68008	21-08-18 15:49	1109.84096	Other	NA	Electronic	1.67987	1.68008
GBPCAD.	22-08-18	09:32-11:30			1.67827	22-08-18 09:53	1109.84096	Other	NA	Electronic	1.67808	1.67827
GBPCAD.	22-08-18	11:32-13:30			1.68178	22-08-18 11:58	2219.68192	Other	NA	Electronic	1.68178	1.68195
GBPCAD.	22-08-18	13:32-15:30			1.68238	22-08-18 13:39	1109.84096	Other	NA	Electronic	1.68215	1.68238
GBPCAD.	22-08-18	15:32-17:30			1.68026	22-08-18 15:48	5549.204799	Other	NA	Electronic	1.68007	1.68026
GBPCAD.	23-08-18	09:30-09:32	1.67718	1109.84096								
GBPCAD.	23-08-18	11:32-13:30			1.68031	23-08-18 12:52	1109.84096	Other	NA	Electronic	1.68031	1.6805
GBPCAD.	23-08-18	13:32-15:30			1.67882	23-08-18 14:00	1109.84096	Other	NA	Electronic	1.67851	1.67882
GBPCAD.	23-08-18	15:32-17:30			1.67525	23-08-18 16:02	1109.84096	Other	NA	Electronic	1.67509	1.67526

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	24-08-18	09:32-11:30			1.67693	24-08-18 09:43	3329.522879	Other	NA	Electronic	1.67693	1.67713
GBPCAD.	24-08-18	11:32-13:30			1.67977	24-08-18 11:34	1109.84096	Other	NA	Electronic	1.67958	1.67977
GBPCAD.	24-08-18	13:30-13:32	1.67831	2219.68192								
GBPCAD.	24-08-18	15:32-17:30			1.67438	24-08-18 15:46	4439.363839	Other	NA	Electronic	1.67419	1.67438
GBPCAD.	27-08-18	09:32-11:30			1.67528	27-08-18 10:17	2219.68192	Other	NA	Electronic	1.67509	1.67528
GBPCAD.	27-08-18	11:32-13:30			1.67845	27-08-18 11:47	1109.84096	Other	NA	Electronic	1.67828	1.67845
GBPCAD.	27-08-18	13:32-15:30			1.67788	27-08-18 13:45	1109.84096	Other	NA	Electronic	1.67788	1.67806
GBPCAD.	27-08-18	15:30-15:32	1.67303	2219.68192								
GBPCAD.	28-08-18	09:32-11:30			1.67028	28-08-18 09:34	2219.68192	Other	NA	Electronic	1.67028	1.67048
GBPCAD.	28-08-18	11:32-13:30			1.6697	28-08-18 11:55	5549.204799	Other	NA	Electronic	1.66949	1.6697
GBPCAD.	28-08-18	13:32-15:30			1.66602	28-08-18 14:18	2219.68192	Other	NA	Electronic	1.66603	1.66619
GBPCAD.	28-08-18	15:30-15:32	1.66359	2219.68192								
GBPCAD.	29-08-18	09:32-11:30			1.66609	29-08-18 10:00	11098.4096	Other	NA	Electronic	1.66609	1.66628
GBPCAD.	29-08-18	11:32-13:30			1.66763	29-08-18 11:52	5549.204799	Other	NA	Electronic	1.66763	1.66782
GBPCAD.	29-08-18	13:32-15:30			1.66564	29-08-18 13:46	1109.84096	Other	NA	Electronic	1.66564	1.66582

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GBPCAD.	29-08-18	15:32-17:30			1.68378	29-08-18 15:32	1109.84096	Other	NA	Electronic	1.68378	1.68397
GBPCAD.	30-08-18	09:30-09:32	1.68231	11098.4096								
GBPCAD.	30-08-18	11:32-13:30			1.68371	30-08-18 12:06	2219.68192	Other	NA	Electronic	1.68349	1.68371
GBPCAD.	30-08-18	13:32-15:30			1.68829	30-08-18 13:35	1109.84096	Other	NA	Electronic	1.68807	1.68829
GBPCAD.	30-08-18	15:32-17:30			1.68842	30-08-18 16:05	5549.204799	Other	NA	Electronic	1.68842	1.68862
GBPCAD.	31-08-18	09:32-11:30			1.69265	31-08-18 09:50	1109.84096	Other	NA	Electronic	1.69247	1.69265
GBPCAD.	31-08-18	11:30-11:32	1.68918	16647.6144								
GBPCAD.	31-08-18	13:32-15:30			1.69137	31-08-18 13:55	11098.4096	Other	NA	Electronic	1.69137	1.69157
GBPCAD.	31-08-18	15:32-17:30			1.69459	31-08-18 16:00	5549.204799	Other	NA	Electronic	1.69459	1.6948
GBPCAD.	03-09-18	09:32-11:30			1.68092	03-09-18 09:43	112093.9369	Other	NA	Electronic	1.68092	1.68112
GBPCAD.	03-09-18	11:30-11:32	1.68099	4439.363839								
GBPCAD.	03-09-18	13:32-15:30			1.68234	03-09-18 13:45	11098.4096	Other	NA	Electronic	1.68214	1.68234
GBPCAD.	03-09-18	15:30-15:32	1.68668	5549.204799								
GBPCAD.	04-09-18	09:32-11:30			1.68585	04-09-18 09:49	1109.84096	Other	NA	Electronic	1.68585	1.68605
GBPCAD.	04-09-18	11:32-13:30			1.69001	04-09-18 11:49	2219.68192	Other	NA	Electronic	1.69001	1.69021



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	04-09-18	13:32-15:30			1.6928	04-09-18 14:00	5549.204799	Other	NA	Electronic	1.6928	1.69502
GBPCAD.	04-09-18	15:32-17:30			1.69209	04-09-18 15:44	1109.84096	Other	NA	Electronic	1.69191	1.69209
GBPCAD.	05-09-18	09:32-11:30			1.69145	05-09-18 09:32	1109.84096	Other	NA	Electronic	1.69121	1.69145
GBPCAD.	05-09-18	11:30-11:32	1.68832	1109.84096								
GBPCAD.	05-09-18	13:32-15:30			1.70731	05-09-18 13:35	1109.84096	Other	NA	Electronic	1.70711	1.70731
GBPCAD.	05-09-18	15:32-17:30			1.70127	05-09-18 15:36	1109.84096	Other	NA	Electronic	1.70102	1.70127
GBPCAD.	06-09-18	09:32-11:30			1.70422	06-09-18 09:49	5549.204799	Other	NA	Electronic	1.70422	1.70445
GBPCAD.	06-09-18	11:32-13:30			1.70562	06-09-18 11:42	7768.886719	Other	NA	Electronic	1.70544	1.70564
GBPCAD.	06-09-18	13:32-15:30			1.70726	06-09-18 14:09	1109.84096	Other	NA	Electronic	1.70726	1.70745
GBPCAD.	06-09-18	15:32-17:30			1.70869	06-09-18 15:54	2219.68192	Other	NA	Electronic	1.70847	1.70869
GBPCAD.	07-09-18	09:30-09:32	1.69921	4439.363839								
GBPCAD.	07-09-18	11:32-13:30			1.7052	07-09-18 11:32	1109.84096	Other	NA	Electronic	1.70501	1.7052
GBPCAD.	07-09-18	13:32-15:30			1.70462	07-09-18 13:42	1109.84096	Other	NA	Electronic	1.70445	1.70462
GBPCAD.	07-09-18	15:32-17:30			1.70363	07-09-18 15:39	1109.84096	Other	NA	Electronic	1.70341	1.70363
GBPCAD.	10-09-18	09:32-11:30			1.70503	10-09-18 09:40	1109.84096	Other	NA	Electronic	1.70486	1.70503

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GBPCAD.	10-09-18	11:32-13:30			1.70423	10-09-18 11:40	4439.363839	Other	NA	Electronic	1.70404	1.70423
GBPCAD.	10-09-18	13:32-15:30			1.71407	10-09-18 13:32	1109.84096	Other	NA	Electronic	1.71385	1.71404
GBPCAD.	10-09-18	15:32-17:30			1.71352	10-09-18 15:34	5549.204799	Other	NA	Electronic	1.71352	1.71373
GBPCAD.	11-09-18	09:32-11:30			1.71551	11-09-18 10:02	5549.204799	Other	NA	Electronic	1.71531	1.71551
GBPCAD.	11-09-18	11:32-13:30			1.71101	11-09-18 11:58	11098.4096	Other	NA	Electronic	1.71061	1.71093
GBPCAD.	11-09-18	13:32-15:30			1.71102	11-09-18 14:07	22196.8192	Other	NA	Electronic	1.71082	1.71102
GBPCAD.	11-09-18	15:32-17:30			1.70829	11-09-18 15:51	5549.204799	Other	NA	Electronic	1.70812	1.70829
GBPCAD.	12-09-18	09:32-11:30			1.69994	12-09-18 10:25	144279.3248	Other	NA	Electronic	1.69974	1.69994
GBPCAD.	12-09-18	11:32-13:30			1.69753	12-09-18 11:32	55492.04799	Other	NA	Electronic	1.69733	1.69753
GBPCAD.	12-09-18	13:32-15:30			1.69853	12-09-18 13:41	2219.68192	Other	NA	Electronic	1.69832	1.69853
GBPCAD.	12-09-18	15:32-17:30			1.69415	12-09-18 15:33	1109.84096	Other	NA	Electronic	1.69392	1.69415
GBPCAD.	13-09-18	09:32-11:30			1.69851	13-09-18 09:59	83238.07198	Other	NA	Electronic	1.69828	1.69851
GBPCAD.	13-09-18	11:32-13:30			1.70101	13-09-18 13:20	83238.07198	Other	NA	Electronic	1.70082	1.70101
GBPCAD.	13-09-18	13:32-15:30			1.70211	13-09-18 13:35	5549.204799	Other	NA	Electronic	1.70211	1.70235
GBPCAD.	13-09-18	15:30-15:32	1.70411	5549.204799								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	14-09-18	09:32-11:30			1.70672	14-09-18 09:35	1109.84096	Other	NA	Electronic	1.70655	1.70672
GBPCAD.	14-09-18	11:32-13:30			1.70236	14-09-18 11:46	2219.68192	Other	NA	Electronic	1.70236	1.70261
GBPCAD.	14-09-18	13:32-15:30			1.70679	14-09-18 14:02	1109.84096	Other	NA	Electronic	1.7066	1.70679
GBPCAD.	17-09-18	09:32-11:30			1.70663	17-09-18 11:05	55492.04799	Other	NA	Electronic	1.70663	1.70682
GBPCAD.	17-09-18	11:32-13:30			1.7083	17-09-18 11:43	5549.204799	Other	NA	Electronic	1.70811	1.7083
GBPCAD.	17-09-18	13:32-15:30			1.71066	17-09-18 14:30	5549.204799	Other	NA	Electronic	1.71066	1.71085
GBPCAD.	17-09-18	15:32-17:30			1.71217	17-09-18 15:47	2219.68192	Other	NA	Electronic	1.712	1.71217
GBPCAD.	18-09-18	09:30-09:32	1.70867	1109.84096								
GBPCAD.	18-09-18	13:32-15:30			1.70857	18-09-18 14:08	16647.6144	Other	NA	Electronic	1.70836	1.70857
GBPCAD.	18-09-18	15:32-17:30			1.70667	18-09-18 15:47	33295.22879	Other	NA	Electronic	1.70667	1.70687
GBPCAD.	19-09-18	09:32-11:30			1.70672	19-09-18 09:43	11098.4096	Other	NA	Electronic	1.70651	1.70672
GBPCAD.	19-09-18	11:32-13:30			1.70343	19-09-18 12:00	5549.204799	Other	NA	Electronic	1.70314	1.70343
GBPCAD.	19-09-18	13:30-13:32	1.70236	23306.66016								
GBPCAD.	19-09-18	15:32-17:30			1.70392	19-09-18 15:49	2219.68192	Other	NA	Electronic	1.70371	1.70392
GBPCAD.	20-09-18	09:32-11:30			1.70627	20-09-18 09:33	14427.93248	Other	NA	Electronic	1.70627	1.70646

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	20-09-18	11:32-13:30			1.7124	20-09-18 11:35	55492.04799	Other	NA	Electronic	1.71218	1.71239
GBPCAD.	20-09-18	13:32-15:30			1.71036	20-09-18 13:35	5549.204799	Other	NA	Electronic	1.71036	1.71057
GBPCAD.	20-09-18	15:30-15:32	1.7101	2219.68192								
GBPCAD.	21-09-18	09:32-11:30			1.70181	21-09-18 09:32	2219.68192	Other	NA	Electronic	1.70181	1.70202
GBPCAD.	21-09-18	11:32-13:30			1.70319	21-09-18 11:57	233066.6016	Other	NA	Electronic	1.70301	1.70319
GBPCAD.	21-09-18	13:32-15:30			1.6912	21-09-18 13:41	1109.84096	Other	NA	Electronic	1.6909	1.69112
GBPCAD.	21-09-18	15:32-17:30			1.68846	21-09-18 15:37	5549.204799	Other	NA	Electronic	1.68823	1.68841
GBPCAD.	24-09-18	09:32-11:30			1.69869	24-09-18 09:53	1109.84096	Other	NA	Electronic	1.69848	1.69869
GBPCAD.	24-09-18	11:32-13:30			1.70054	24-09-18 11:34	5549.204799	Other	NA	Electronic	1.70054	1.70075
GBPCAD.	24-09-18	13:32-15:30			1.6983	24-09-18 13:55	1109.84096	Other	NA	Electronic	1.6981	1.6983
GBPCAD.	24-09-18	15:32-17:30			1.69765	24-09-18 15:53	5549.204799	Other	NA	Electronic	1.69747	1.69765
GBPCAD.	25-09-18	09:32-11:30			1.70248	25-09-18 10:36	112093.9369	Other	NA	Electronic	1.70226	1.70248
GBPCAD.	25-09-18	11:32-13:30			1.70659	25-09-18 11:53	1109.84096	Other	NA	Electronic	1.70638	1.70659
GBPCAD.	25-09-18	13:32-15:30			1.70355	25-09-18 13:52	22196.8192	Other	NA	Electronic	1.70332	1.70355
GBPCAD.	25-09-18	15:32-17:30			1.70309	25-09-18 15:38	1109.84096	Other	NA	Electronic	1.70288	1.70309

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCAD.	26-09-18	09:32-11:30			1.70512	26-09-18 09:56	1109.84096	Other	NA	Electronic	1.70493	1.70512
GBPCAD.	26-09-18	11:32-13:30			1.7077	26-09-18 12:08	1109.84096	Other	NA	Electronic	1.70768	1.70793
GBPCAD.	26-09-18	13:32-15:30			1.70476	26-09-18 13:49	5549.204799	Other	NA	Electronic	1.70476	1.70495
GBPCAD.	26-09-18	15:32-17:30			1.70818	26-09-18 16:19	1109.84096	Other	NA	Electronic	1.70818	1.70835
GBPCAD.	27-09-18	09:32-11:30			1.71385	27-09-18 09:35	1109.84096	Other	NA	Electronic	1.71365	1.71385
GBPCAD.	27-09-18	11:32-13:30			1.71615	27-09-18 11:49	1109.84096	Other	NA	Electronic	1.71615	1.71634
GBPCAD.	27-09-18	13:32-15:30			1.7131	27-09-18 15:05	22196.8192	Other	NA	Electronic	1.71289	1.7131
GBPCAD.	27-09-18	15:32-17:30			1.70895	27-09-18 15:36	22196.8192	Other	NA	Electronic	1.70895	1.70918
GBPCAD.	28-09-18	09:32-11:30			1.69988	28-09-18 09:33	14427.93248	Other	NA	Electronic	1.69988	1.70012
GBPCAD.	28-09-18	11:32-13:30			1.69706	28-09-18 12:00	3329.522879	Other	NA	Electronic	1.69706	1.69727
GBPCAD.	28-09-18	13:30-13:32	1.69055	5549.204799								
GBPCAD.	28-09-18	15:32-17:30			1.68462	28-09-18 15:35	1109.84096	Other	NA	Electronic	1.68462	1.68483
GBPCADmicro	02-07-18	09:32-11:30			1.73248	02-07-18 09:40	3329.522879	Other	NA	Electronic	1.73251	1.73301
GBPCADmicro	02-07-18	11:32-13:30			1.73184	02-07-18 11:37	110.984096	Other	NA	Electronic	1.73184	1.73235
GBPCADmicro	02-07-18	13:32-15:30			1.7295	02-07-18 13:40	332.9522879	Other	NA	Electronic	1.7295	1.73001

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	02-07-18	15:30-15:32	1.73413	2363.961244								
GBPCADmicro	03-07-18	09:30-09:32	1.73475	388.4443359								
GBPCADmicro	03-07-18	11:30-11:32	1.73437	2774.602399								
GBPCADmicro	03-07-18	13:30-13:32	1.7322	8878.727678								
GBPCADmicro	03-07-18	15:32-17:30			1.73547	03-07-18 15:35	1109.84096	Other	NA	Electronic	1.73547	1.73599
GBPCADmicro	04-07-18	09:30-09:32	1.73721	332.9522879								
GBPCADmicro	04-07-18	11:32-13:30			1.73666	04-07-18 11:41	11.0984096	Other	NA	Electronic	1.73612	1.73666
GBPCADmicro	04-07-18	13:32-15:30			1.7363	04-07-18 13:37	6659.045759	Other	NA	Electronic	1.7363	1.73689
GBPCADmicro	04-07-18	15:32-17:30			1.7374	04-07-18 15:53	3340.621289	Other	NA	Electronic	1.7374	1.73802
GBPCADmicro	05-07-18	09:30-09:32	1.73953	3118.653097								
GBPCADmicro	05-07-18	11:32-13:30			1.74183	05-07-18 11:34	1109.84096	Other	NA	Electronic	1.74129	1.74183
GBPCADmicro	05-07-18	13:30-13:32	1.73537	8556.8738								
GBPCADmicro	05-07-18	15:32-17:30			1.7354	05-07-18 15:32	110.984096	Other	NA	Electronic	1.7349	1.7354
GBPCADmicro	06-07-18	09:30-09:32	1.73879	110.984096								
GBPCADmicro	06-07-18	11:32-13:30			1.73744	06-07-18 11:43	55.49204799	Other	NA	Electronic	1.73742	1.73794

Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GBPCADmicro	06-07-18	13:30-13:32	1.74243	22.1968192								
GBPCADmicro	06-07-18	15:30-15:32	1.73713	2219.68192								
GBPCADmicro	09-07-18	09:30-09:32	1.74411	1886.729632								
GBPCADmicro	09-07-18	11:32-13:30			1.74513	09-07-18 11:37	110.984096	Other	NA	Electronic	1.7446	1.74513
GBPCADmicro	09-07-18	13:30-13:32	1.74441	1109.84096								
GBPCADmicro	09-07-18	15:32-17:30			1.73496	09-07-18 15:36	11.0984096	Other	NA	Electronic	1.73496	1.7355
GBPCADmicro	10-07-18	09:30-09:32	1.73977	11.0984096								
GBPCADmicro	10-07-18	11:32-13:30			1.73877	10-07-18 11:35	55.49204799	Other	NA	Electronic	1.73824	1.73877
GBPCADmicro	10-07-18	13:32-15:30			1.74332	10-07-18 13:34	144.2793248	Other	NA	Electronic	1.74332	1.74384
GBPCADmicro	10-07-18	15:30-15:32	1.74066	133.1809152								
GBPCADmicro	11-07-18	09:32-11:30			1.74463	11-07-18 09:39	110.984096	Other	NA	Electronic	1.74463	1.74514
GBPCADmicro	11-07-18	11:30-11:32	1.74252	1109.84096								
GBPCADmicro	11-07-18	13:32-15:30			1.74265	11-07-18 13:35	11.0984096	Other	NA	Electronic	1.74212	1.74265
GBPCADmicro	11-07-18	15:32-17:30			1.73949	11-07-18 15:32	23306.66016	Other	NA	Electronic	1.73949	1.74004
GBPCADmicro	12-07-18	09:32-11:30			1.74482	12-07-18 10:00	110.984096	Other	NA	Electronic	1.7443	1.74482

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	12-07-18	11:32-13:30			1.74036	12-07-18 11:36	11.0984096	Other	NA	Electronic	1.74036	1.74089
GBPCADmicro	12-07-18	13:32-15:30			1.74198	12-07-18 13:39	110.984096	Other	NA	Electronic	1.74198	1.7425
GBPCADmicro	12-07-18	15:32-17:30			1.74122	12-07-18 15:47	1109.84096	Other	NA	Electronic	1.74072	1.74118
GBPCADmicro	13-07-18	09:32-11:30			1.73173	13-07-18 09:36	554.9204799	Other	NA	Electronic	1.73118	1.73169
GBPCADmicro	13-07-18	11:32-13:30			1.73204	13-07-18 11:35	1109.84096	Other	NA	Electronic	1.73204	1.73253
GBPCADmicro	13-07-18	13:30-13:32	1.73643	1109.84096								
GBPCADmicro	13-07-18	15:30-15:32	1.74008	466.1332031								
GBPCADmicro	16-07-18	09:32-11:30			1.74368	16-07-18 09:36	22207.91761	Other	NA	Electronic	1.74314	1.74368
GBPCADmicro	16-07-18	11:32-13:30			1.7462	16-07-18 11:35	5660.188895	Other	NA	Electronic	1.74571	1.7462
GBPCADmicro	16-07-18	13:32-15:30			1.74195	16-07-18 13:35	99.88568638	Other	NA	Electronic	1.74195	1.74247
GBPCADmicro	16-07-18	15:32-17:30			1.73776	16-07-18 15:37	11098.4096	Other	NA	Electronic	1.73724	1.73776
GBPCADmicro	17-07-18	09:32-11:30			1.73928	17-07-18 09:36	5549.204799	Other	NA	Electronic	1.73873	1.73928
GBPCADmicro	17-07-18	11:32-13:30			1.73667	17-07-18 11:32	11.0984096	Other	NA	Electronic	1.73617	1.73667
GBPCADmicro	17-07-18	13:30-13:32	1.73478	14505.62134								
GBPCADmicro	17-07-18	15:32-17:30			1.73684	17-07-18 15:32	22.1968192	Other	NA	Electronic	1.73684	1.73735



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	18-07-18	09:30-09:32	1.72686	11.0984096								
GBPCADmicro	18-07-18	11:32-13:30			1.72488	18-07-18 11:33	554.9204799	Other	NA	Electronic	1.72488	1.7254
GBPCADmicro	18-07-18	13:32-15:30			1.72698	18-07-18 13:39	1109.84096	Other	NA	Electronic	1.72698	1.72749
GBPCADmicro	18-07-18	15:30-15:32	1.72448	1276.317104								
GBPCADmicro	19-07-18	09:30-09:32	1.72011	5560.303209								
GBPCADmicro	19-07-18	11:32-13:30			1.72008	19-07-18 11:39	5549.204799	Other	NA	Electronic	1.71954	1.72008
GBPCADmicro	19-07-18	13:32-15:30			1.71775	19-07-18 13:39	110.984096	Other	NA	Electronic	1.71775	1.71827
GBPCADmicro	19-07-18	15:30-15:32	1.72354	1132.037779								
GBPCADmicro	20-07-18	09:30-09:32	1.72483	1220.825056								
GBPCADmicro	20-07-18	11:32-13:30			1.72676	20-07-18 11:32	1109.84096	Other	NA	Electronic	1.72676	1.72728
GBPCADmicro	20-07-18	13:32-15:30			1.72015	20-07-18 13:33	110.984096	Other	NA	Electronic	1.72015	1.72068
GBPCADmicro	20-07-18	15:32-17:30			1.7219	20-07-18 15:33	24971.4216	Other	NA	Electronic	1.7219	1.72239
GBPCADmicro	23-07-18	09:30-09:32	1.72448	19999.3341								
GBPCADmicro	23-07-18	11:32-13:30			1.72681	23-07-18 11:45	554.9204799	Other	NA	Electronic	1.72629	1.72681
GBPCADmicro	23-07-18	13:32-15:30			1.72522	23-07-18 13:37	332.9522879	Other	NA	Electronic	1.72522	1.72572

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GBPCADmicro	23-07-18	15:30-15:32	1.72364	554.9204799								
GBPCADmicro	24-07-18	09:32-11:30			1.72727	24-07-18 09:36	110.984096	Other	NA	Electronic	1.72675	1.72727
GBPCADmicro	24-07-18	11:32-13:30			1.72704	24-07-18 11:38	3329.522879	Other	NA	Electronic	1.72704	1.72755
GBPCADmicro	24-07-18	13:30-13:32	1.72778	1109.84096								
GBPCADmicro	24-07-18	15:32-17:30			1.72866	24-07-18 15:51	6659.045759	Other	NA	Electronic	1.72866	1.72917
GBPCADmicro	25-07-18	09:30-09:32	1.72786	110.984096								
GBPCADmicro	25-07-18	11:32-13:30			1.72783	25-07-18 11:39	554.9204799	Other	NA	Electronic	1.72731	1.72783
GBPCADmicro	25-07-18	13:32-15:30			1.72483	25-07-18 13:34	8878.727678	Other	NA	Electronic	1.72432	1.72483
GBPCADmicro	25-07-18	15:32-17:30			1.72394	25-07-18 15:33	221.968192	Other	NA	Electronic	1.72341	1.72394
GBPCADmicro	26-07-18	09:32-11:30			1.72077	26-07-18 09:34	110.984096	Other	NA	Electronic	1.72026	1.72077
GBPCADmicro	26-07-18	11:30-11:32	1.71898	7680.099442								
GBPCADmicro	26-07-18	13:30-13:32	1.71626	22096.93351								
GBPCADmicro	26-07-18	15:30-15:32	1.71898	2497.14216								
GBPCADmicro	27-07-18	09:32-11:30			1.71149	27-07-18 09:49	110.984096	Other	NA	Electronic	1.71096	1.71149
GBPCADmicro	27-07-18	11:32-13:30			1.71214	27-07-18 11:34	554.9204799	Other	NA	Electronic	1.71162	1.71214

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	27-07-18	13:30-13:32	1.71338	38955.41769								
GBPCADmicro	27-07-18	15:32-17:30			1.71234	27-07-18 15:33	11.0984096	Other	NA	Electronic	1.71234	1.71287
GBPCADmicro	30-07-18	09:32-11:30			1.71444	30-07-18 09:37	11.0984096	Other	NA	Electronic	1.71391	1.71444
GBPCADmicro	30-07-18	11:32-13:30			1.71092	30-07-18 11:34	876.7743582	Other	NA	Electronic	1.71092	1.7114
GBPCADmicro	30-07-18	13:32-15:30			1.71121	30-07-18 13:33	2219.68192	Other	NA	Electronic	1.71121	1.71172
GBPCADmicro	30-07-18	15:30-15:32	1.71035	1109.84096								
GBPCADmicro	31-07-18	09:32-11:30			1.71648	31-07-18 09:34	1664.76144	Other	NA	Electronic	1.71595	1.71648
GBPCADmicro	31-07-18	11:30-11:32	1.71568	1664.76144								
GBPCADmicro	31-07-18	13:30-13:32	1.71202	688.1013951								
GBPCADmicro	31-07-18	15:30-15:32	1.70719	2219.68192								
GBPCADmicro	01-08-18	09:30-09:32	1.70865	554.9204799								
GBPCADmicro	01-08-18	11:30-11:32	1.70963	3329.522879								
GBPCADmicro	01-08-18	13:32-15:30			1.70735	01-08-18 13:36	166.476144	Other	NA	Electronic	1.70683	1.70735
GBPCADmicro	01-08-18	15:30-15:32	1.70583	110.984096								
GBPCADmicro	02-08-18	09:30-09:32	1.70319	11.0984096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	02-08-18	11:30-11:32	1.70514	3329.522879								
GBPCADmicro	02-08-18	13:30-13:32	1.70047	21086.97824								
GBPCADmicro	02-08-18	15:32-17:30			1.69649	02-08-18 15:32	3340.621289	Other	NA	Electronic	1.69597	1.69649
GBPCADmicro	03-08-18	09:32-11:30			1.69267	03-08-18 09:40	3329.522879	Other	NA	Electronic	1.69267	1.69317
GBPCADmicro	03-08-18	11:32-13:30			1.69386	03-08-18 11:36	110.984096	Other	NA	Electronic	1.69337	1.69386
GBPCADmicro	03-08-18	13:32-15:30			1.68968	03-08-18 13:34	3340.621289	Other	NA	Electronic	1.68928	1.68975
GBPCADmicro	03-08-18	15:32-17:30			1.68999	03-08-18 15:41	1109.84096	Other	NA	Electronic	1.68949	1.68999
GBPCADmicro	06-08-18	09:32-11:30			1.68723	06-08-18 09:40	2219.68192	Other	NA	Electronic	1.68673	1.68724
GBPCADmicro	06-08-18	11:32-13:30			1.68332	06-08-18 11:42	510.5268415	Other	NA	Electronic	1.68281	1.68332
GBPCADmicro	06-08-18	13:32-15:30			1.686	06-08-18 13:43	122.0825056	Other	NA	Electronic	1.68551	1.686
GBPCADmicro	06-08-18	15:32-17:30			1.68267	06-08-18 15:36	554.9204799	Other	NA	Electronic	1.68215	1.68265
GBPCADmicro	07-08-18	09:32-11:30			1.68186	07-08-18 09:39	887.8727678	Other	NA	Electronic	1.68137	1.68186
GBPCADmicro	07-08-18	11:30-11:32	1.68093	332.9522879								
GBPCADmicro	07-08-18	13:30-13:32	1.68219	133.1809152								
GBPCADmicro	07-08-18	15:32-17:30			1.68618	07-08-18 15:33	554.9204799	Other	NA	Electronic	1.68567	1.68618

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	08-08-18	09:32-11:30			1.68697	08-08-18 09:37	887.8727678	Other	NA	Electronic	1.68647	1.68697
GBPCADmicro	08-08-18	11:32-13:30			1.68396	08-08-18 11:37	110.984096	Other	NA	Electronic	1.68344	1.68396
GBPCADmicro	08-08-18	13:32-15:30			1.68043	08-08-18 13:33	110.984096	Other	NA	Electronic	1.6799	1.68043
GBPCADmicro	08-08-18	15:32-17:30			1.68322	08-08-18 15:37	1109.84096	Other	NA	Electronic	1.68322	1.68377
GBPCADmicro	09-08-18	09:32-11:30			1.67659	09-08-18 09:33	110.984096	Other	NA	Electronic	1.67607	1.67659
GBPCADmicro	09-08-18	11:32-13:30			1.67983	09-08-18 11:32	110.984096	Other	NA	Electronic	1.67983	1.68032
GBPCADmicro	09-08-18	13:32-15:30			1.6778	09-08-18 13:38	388.4443359	Other	NA	Electronic	1.6778	1.67831
GBPCADmicro	09-08-18	15:32-17:30			1.67776	09-08-18 15:34	110.984096	Other	NA	Electronic	1.67725	1.67776
GBPCADmicro	10-08-18	09:30-09:32	1.67402	1109.84096								
GBPCADmicro	10-08-18	11:32-13:30			1.67221	10-08-18 11:33	1109.84096	Other	NA	Electronic	1.67221	1.67272
GBPCADmicro	10-08-18	13:30-13:32	1.66748	13540.05971								
GBPCADmicro	10-08-18	15:30-15:32	1.67468	6104.125279								
GBPCADmicro	13-08-18	09:32-11:30			1.67588	13-08-18 09:32	554.9204799	Other	NA	Electronic	1.67588	1.67638
GBPCADmicro	13-08-18	11:30-11:32	1.67795	221.968192								
GBPCADmicro	13-08-18	13:32-15:30			1.67689	13-08-18 13:44	188.6729632	Other	NA	Electronic	1.67689	1.67736

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GBPCADmicro	13-08-18	15:32-17:30			1.67556	13-08-18 15:35	1120.939369	Other	NA	Electronic	1.67505	1.67556
GBPCADmicro	14-08-18	09:30-09:32	1.67397	7768.886719								
GBPCADmicro	14-08-18	11:30-11:32	1.67122	2230.780329								
GBPCADmicro	14-08-18	13:32-15:30			1.67053	14-08-18 13:36	332.9522879	Other	NA	Electronic	1.67053	1.671
GBPCADmicro	14-08-18	15:32-17:30			1.66887	14-08-18 15:44	55.49204799	Other	NA	Electronic	1.66887	1.66939
GBPCADmicro	15-08-18	09:32-11:30			1.66366	15-08-18 09:38	1109.84096	Other	NA	Electronic	1.6632	1.66366
GBPCADmicro	15-08-18	11:30-11:32	1.66447	133.1809152								
GBPCADmicro	15-08-18	13:32-15:30			1.66291	15-08-18 13:40	887.8727678	Other	NA	Electronic	1.66291	1.66342
GBPCADmicro	15-08-18	15:32-17:30			1.67056	15-08-18 15:34	2219.68192	Other	NA	Electronic	1.67056	1.67107
GBPCADmicro	16-08-18	09:32-11:30			1.66711	16-08-18 09:49	332.9522879	Other	NA	Electronic	1.66711	1.66762
GBPCADmicro	16-08-18	11:32-13:30			1.66979	16-08-18 11:33	110.984096	Other	NA	Electronic	1.6693	1.66979
GBPCADmicro	16-08-18	13:30-13:32	1.67131	16647.6144								
GBPCADmicro	16-08-18	15:32-17:30			1.67267	16-08-18 15:37	610.4125279	Other	NA	Electronic	1.67267	1.67315
GBPCADmicro	17-08-18	09:32-11:30			1.67061	17-08-18 10:00	133.1809152	Other	NA	Electronic	1.67061	1.67111
GBPCADmicro	17-08-18	11:30-11:32	1.67323	44.39363839								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	17-08-18	13:32-15:30			1.66446	17-08-18 13:32	55.49204799	Other	NA	Electronic	1.66396	1.66446
GBPCADmicro	17-08-18	15:32-17:30			1.66582	17-08-18 15:37	1109.84096	Other	NA	Electronic	1.66533	1.66582
GBPCADmicro	20-08-18	09:32-11:30			1.66526	20-08-18 09:32	332.9522879	Other	NA	Electronic	1.66475	1.66526
GBPCADmicro	20-08-18	11:30-11:32	1.66852	787.9870815								
GBPCADmicro	20-08-18	13:32-15:30			1.66926	20-08-18 13:37	55.49204799	Other	NA	Electronic	1.66875	1.66926
GBPCADmicro	20-08-18	15:30-15:32	1.6677	110.984096								
GBPCADmicro	21-08-18	09:32-11:30			1.67024	21-08-18 09:33	110.984096	Other	NA	Electronic	1.66975	1.67024
GBPCADmicro	21-08-18	11:32-13:30			1.66896	21-08-18 12:05	221.968192	Other	NA	Electronic	1.66896	1.66946
GBPCADmicro	21-08-18	13:30-13:32	1.67475	5848.861858								
GBPCADmicro	21-08-18	15:32-17:30			1.67907	21-08-18 15:37	332.9522879	Other	NA	Electronic	1.67907	1.67955
GBPCADmicro	22-08-18	09:32-11:30			1.67735	22-08-18 09:45	566.0188895	Other	NA	Electronic	1.67735	1.67782
GBPCADmicro	22-08-18	11:30-11:32	1.67915	1387.3012								
GBPCADmicro	22-08-18	13:32-15:30			1.68275	22-08-18 13:34	110.984096	Other	NA	Electronic	1.68227	1.68275
GBPCADmicro	22-08-18	15:32-17:30			1.68034	22-08-18 15:36	221.968192	Other	NA	Electronic	1.68034	1.68084
GBPCADmicro	23-08-18	09:30-09:32	1.67781	4439.363839								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	23-08-18	11:32-13:30			1.67929	23-08-18 12:01	566.0188895	Other	NA	Electronic	1.67929	1.67978
GBPCADmicro	23-08-18	13:32-15:30			1.6788	23-08-18 13:36	2219.68192	Other	NA	Electronic	1.6788	1.67931
GBPCADmicro	23-08-18	15:30-15:32	1.67444	3906.640178								
GBPCADmicro	24-08-18	09:32-11:30			1.67785	24-08-18 10:00	466.1332031	Other	NA	Electronic	1.67734	1.67785
GBPCADmicro	24-08-18	11:32-13:30			1.67963	24-08-18 11:32	110.984096	Other	NA	Electronic	1.67963	1.68011
GBPCADmicro	24-08-18	13:32-15:30			1.67715	24-08-18 13:45	554.9204799	Other	NA	Electronic	1.67715	1.67766
GBPCADmicro	24-08-18	15:30-15:32	1.67521	110.984096								
GBPCADmicro	27-08-18	09:32-11:30			1.67336	27-08-18 09:49	110.984096	Other	NA	Electronic	1.6767	1.67718
GBPCADmicro	27-08-18	11:30-11:32	1.67745	277.4602399								
GBPCADmicro	27-08-18	13:32-15:30			1.67806	27-08-18 13:41	5993.141183	Other	NA	Electronic	1.67806	1.67854
GBPCADmicro	27-08-18	15:30-15:32	1.67292	155.3777344								
GBPCADmicro	28-08-18	09:32-11:30			1.67041	28-08-18 09:36	221.968192	Other	NA	Electronic	1.67041	1.6709
GBPCADmicro	28-08-18	11:30-11:32	1.66809	443.9363839								
GBPCADmicro	28-08-18	13:32-15:30			1.66698	28-08-18 13:38	11.0984096	Other	NA	Electronic	1.66698	1.66749
GBPCADmicro	28-08-18	15:30-15:32	1.6636	110.984096								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	29-08-18	09:32-11:30			1.66482	29-08-18 09:32	665.9045759	Other	NA	Electronic	1.66482	1.66533
GBPCADmicro	29-08-18	11:32-13:30			1.66734	29-08-18 11:37	554.9204799	Other	NA	Electronic	1.66734	1.66784
GBPCADmicro	29-08-18	13:32-15:30			1.66471	29-08-18 13:33	11.0984096	Other	NA	Electronic	1.66471	1.66522
GBPCADmicro	29-08-18	15:32-17:30			1.68346	29-08-18 15:37	55.49204799	Other	NA	Electronic	1.68297	1.68346
GBPCADmicro	30-08-18	09:32-11:30			1.68304	30-08-18 09:35	3329.522879	Other	NA	Electronic	1.68254	1.68304
GBPCADmicro	30-08-18	11:30-11:32	1.68299	554.9204799								
GBPCADmicro	30-08-18	13:32-15:30			1.68815	30-08-18 13:33	2219.68192	Other	NA	Electronic	1.68766	1.68815
GBPCADmicro	30-08-18	15:30-15:32	1.68746	1997.713728								
GBPCADmicro	31-08-18	09:32-11:30			1.69346	31-08-18 09:34	166.476144	Other	NA	Electronic	1.69298	1.69346
GBPCADmicro	31-08-18	11:30-11:32	1.68912	10565.68594								
GBPCADmicro	31-08-18	13:32-15:30			1.69292	31-08-18 13:33	355.1491071	Other	NA	Electronic	1.69243	1.69292
GBPCADmicro	31-08-18	15:30-15:32	1.69755	110.984096								
GBPCADmicro	03-09-18	09:32-11:30			1.68145	03-09-18 09:34	110.984096	Other	NA	Electronic	1.68102	1.68145
GBPCADmicro	03-09-18	11:32-13:30			1.68094	03-09-18 11:35	5549.204799	Other	NA	Electronic	1.68094	1.68144
GBPCADmicro	03-09-18	13:32-15:30			1.681	03-09-18 13:39	2230.780329	Other	NA	Electronic	1.681	1.68152

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GBPCADmicro	03-09-18	15:32-17:30			1.68661	03-09-18 15:32	155.3777344	Other	NA	Electronic	1.68661	1.68713
GBPCADmicro	04-09-18	09:32-11:30			1.68572	04-09-18 09:32	2219.68192	Other	NA	Electronic	1.68525	1.68572
GBPCADmicro	04-09-18	11:30-11:32	1.68659	11.0984096								
GBPCADmicro	04-09-18	13:30-13:32	1.69333	277.4602399								
GBPCADmicro	04-09-18	15:30-15:32	1.68999	5549.204799								
GBPCADmicro	05-09-18	09:32-11:30			1.69149	05-09-18 09:32	776.8886719	Other	NA	Electronic	1.69094	1.69149
GBPCADmicro	05-09-18	11:32-13:30			1.68942	05-09-18 11:45	2219.68192	Other	NA	Electronic	1.68942	1.6899
GBPCADmicro	05-09-18	13:30-13:32	1.70871	665.9045759								
GBPCADmicro	05-09-18	15:30-15:32	1.70079	5549.204799								
GBPCADmicro	06-09-18	09:32-11:30			1.70286	06-09-18 09:35	11098.4096	Other	NA	Electronic	1.70286	1.70333
GBPCADmicro	06-09-18	11:32-13:30			1.70549	06-09-18 11:42	110.984096	Other	NA	Electronic	1.70549	1.70596
GBPCADmicro	06-09-18	13:32-15:30			1.70647	06-09-18 13:33	3329.522879	Other	NA	Electronic	1.70647	1.70696
GBPCADmicro	06-09-18	15:32-17:30			1.70898	06-09-18 15:39	3329.522879	Other	NA	Electronic	1.70898	1.70947
GBPCADmicro	07-09-18	09:32-11:30			1.7017	07-09-18 09:49	332.9522879	Other	NA	Electronic	1.70124	1.70176
GBPCADmicro	07-09-18	11:30-11:32	1.70574	377.3459263								

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GBPCADmicro	07-09-18	13:32-15:30			1.70348	07-09-18 13:50	110984.096	Other	NA	Electronic	1.70348	1.70398
GBPCADmicro	07-09-18	15:32-17:30			1.70392	07-09-18 15:54	332.9522879	Other	NA	Electronic	1.70343	1.70392
GBPCADmicro	10-09-18	09:32-11:30			1.70461	10-09-18 09:33	1109.84096	Other	NA	Electronic	1.70461	1.7051
GBPCADmicro	10-09-18	11:32-13:30			1.70373	10-09-18 11:40	277.4602399	Other	NA	Electronic	1.70373	1.70423
GBPCADmicro	10-09-18	13:30-13:32	1.71423	432.8379743								
GBPCADmicro	10-09-18	15:32-17:30			1.71425	10-09-18 15:48	554.9204799	Other	NA	Electronic	1.71375	1.71425
GBPCADmicro	11-09-18	09:32-11:30			1.7148	11-09-18 09:33	221.968192	Other	NA	Electronic	1.7148	1.7153
GBPCADmicro	11-09-18	11:30-11:32	1.71352	3440.506975								
GBPCADmicro	11-09-18	13:32-15:30			1.70922	11-09-18 13:32	55.49204799	Other	NA	Electronic	1.70922	1.70972
GBPCADmicro	11-09-18	15:30-15:32	1.70661	2785.700809								
GBPCADmicro	12-09-18	09:32-11:30			1.70197	12-09-18 09:32	377.3459263	Other	NA	Electronic	1.70197	1.70247
GBPCADmicro	12-09-18	11:30-11:32	1.69697	18867.29632								
GBPCADmicro	12-09-18	13:32-15:30			1.69859	12-09-18 13:40	44.39363839	Other	NA	Electronic	1.69805	1.69859
GBPCADmicro	12-09-18	15:32-17:30			1.69412	12-09-18 15:36	155.3777344	Other	NA	Electronic	1.69362	1.69412
GBPCADmicro	13-09-18	09:30-09:32	1.69854	110.984096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	13-09-18	11:32-13:30			1.69661	13-09-18 11:43	55.49204799	Other	NA	Electronic	1.69661	1.69712
GBPCADmicro	13-09-18	13:30-13:32	1.70276	55.49204799								
GBPCADmicro	13-09-18	15:30-15:32	1.70417	44393.63839								
GBPCADmicro	14-09-18	09:30-09:32	1.70723	2219.68192								
GBPCADmicro	14-09-18	11:32-13:30			1.7053	14-09-18 11:33	110.984096	Other	NA	Electronic	1.70484	1.7053
GBPCADmicro	14-09-18	13:32-15:30			1.70594	14-09-18 13:40	44.39363839	Other	NA	Electronic	1.70594	1.70641
GBPCADmicro	14-09-18	15:32-17:30			1.70459	14-09-18 15:33	110.984096	Other	NA	Electronic	1.70459	1.70505
GBPCADmicro	17-09-18	09:32-11:30			1.70705	17-09-18 09:59	2219.68192	Other	NA	Electronic	1.70658	1.70705
GBPCADmicro	17-09-18	11:32-13:30			1.70803	17-09-18 11:38	588.2157087	Other	NA	Electronic	1.70803	1.70852
GBPCADmicro	17-09-18	13:32-15:30			1.71048	17-09-18 13:36	221.968192	Other	NA	Electronic	1.71048	1.71095
GBPCADmicro	17-09-18	15:30-15:32	1.71261	554.9204799								
GBPCADmicro	18-09-18	09:30-09:32	1.70853	16647.6144								
GBPCADmicro	18-09-18	11:32-13:30			1.71204	18-09-18 11:34	332.9522879	Other	NA	Electronic	1.71161	1.71204
GBPCADmicro	18-09-18	13:32-15:30			1.71045	18-09-18 13:35	99.88568638	Other	NA	Electronic	1.70999	1.71045
GBPCADmicro	18-09-18	15:32-17:30			1.708	18-09-18 15:32	443.9363839	Other	NA	Electronic	1.70755	1.708

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	19-09-18	09:32-11:30			1.70663	19-09-18 09:35	144.2793248	Other	NA	Electronic	1.70619	1.70663
GBPCADmicro	19-09-18	11:30-11:32	1.70169	3562.589481								
GBPCADmicro	19-09-18	13:30-13:32	1.70208	2219.68192								
GBPCADmicro	19-09-18	15:30-15:32	1.70253	11.0984096								
GBPCADmicro	20-09-18	09:30-09:32	1.70544	388.4443359								
GBPCADmicro	20-09-18	11:30-11:32	1.71108	1254.120285								
GBPCADmicro	20-09-18	13:30-13:32	1.71068	1298.513923								
GBPCADmicro	20-09-18	15:32-17:30			1.70964	20-09-18 15:37	5549.204799	Other	NA	Electronic	1.70919	1.70964
GBPCADmicro	21-09-18	09:30-09:32	1.70349	1220.825056								
GBPCADmicro	21-09-18	11:30-11:32	1.7033	11.0984096								
GBPCADmicro	21-09-18	13:30-13:32	1.68893	11.0984096								
GBPCADmicro	21-09-18	15:30-15:32	1.6896	221.968192								
GBPCADmicro	24-09-18	09:32-11:30			1.69823	24-09-18 09:39	33.29522879	Other	NA	Electronic	1.69774	1.69823
GBPCADmicro	24-09-18	11:30-11:32	1.70066	33.29522879								
GBPCADmicro	24-09-18	13:32-15:30			1.69929	24-09-18 13:33	244.1650112	Other	NA	Electronic	1.69884	1.69929

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	24-09-18	15:32-17:30			1.69835	24-09-18 15:57	221.968192	Other	NA	Electronic	1.69786	1.69835
GBPCADmicro	25-09-18	09:30-09:32	1.70412	1642.56462								
GBPCADmicro	25-09-18	11:30-11:32	1.70617	1509.383705								
GBPCADmicro	25-09-18	13:30-13:32	1.70213	2441.650112								
GBPCADmicro	25-09-18	15:30-15:32	1.70188	2474.94534								
GBPCADmicro	26-09-18	09:32-11:30			1.70486	26-09-18 09:38	1109.84096	Other	NA	Electronic	1.70486	1.70533
GBPCADmicro	26-09-18	11:30-11:32	1.70323	865.6759486								
GBPCADmicro	26-09-18	13:32-15:30			1.70509	26-09-18 13:33	199.7713728	Other	NA	Electronic	1.7046	1.70509
GBPCADmicro	26-09-18	15:32-17:30			1.70846	26-09-18 15:51	110.984096	Other	NA	Electronic	1.708	1.70846
GBPCADmicro	27-09-18	09:30-09:32	1.71228	3329.522879								
GBPCADmicro	27-09-18	11:32-13:30			1.71451	27-09-18 11:32	11.0984096	Other	NA	Electronic	1.71451	1.71498
GBPCADmicro	27-09-18	13:32-15:30			1.71457	27-09-18 13:32	554.9204799	Other	NA	Electronic	1.71414	1.71457
GBPCADmicro	27-09-18	15:30-15:32	1.71007	1886.729632								
GBPCADmicro	28-09-18	09:32-11:30			1.69977	28-09-18 09:37	66.59045759	Other	NA	Electronic	1.69977	1.70027
GBPCADmicro	28-09-18	11:32-13:30			1.69817	28-09-18 11:35	77.68886719	Other	NA	Electronic	1.69817	1.69868

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCADmicro	28-09-18	13:32-15:30			1.68993	28-09-18 13:33	110.984096	Other	NA	Electronic	1.68945	1.69
GBPCADmicro	28-09-18	15:32-17:30			1.68553	28-09-18 15:34	1109.84096	Other	NA	Electronic	1.68502	1.68553
GBPCHF	02-07-18	09:32-11:30			1.30577	02-07-18 09:43	4439.363839	Other	NA	Electronic	1.30542	1.30577
GBPCHF	02-07-18	11:32-13:30			1.30632	02-07-18 11:32	5549.204799	Other	NA	Electronic	1.30599	1.30632
GBPCHF	02-07-18	13:30-13:32	1.30454	1109.84096								
GBPCHF	02-07-18	15:30-15:32	1.30629	1109.84096								
GBPCHF	03-07-18	09:30-09:32	1.30909	55492.04799								
GBPCHF	03-07-18	11:32-13:30			1.31013	03-07-18 11:32	1109.84096	Other	NA	Electronic	1.31013	1.31045
GBPCHF	03-07-18	13:30-13:32	1.30776	22196.8192								
GBPCHF	03-07-18	15:30-15:32	1.30806	1109.84096								
GBPCHF	04-07-18	09:32-11:30			1.31188	04-07-18 09:32	1109.84096	Other	NA	Electronic	1.31153	1.31188
GBPCHF	04-07-18	11:32-13:30			1.31125	04-07-18 11:32	1109.84096	Other	NA	Electronic	1.31125	1.3116
GBPCHF	04-07-18	13:32-15:30			1.31125	04-07-18 13:34	2219.68192	Other	NA	Electronic	1.31091	1.31125
GBPCHF	04-07-18	15:32-17:30			1.31338	04-07-18 15:37	5549.204799	Other	NA	Electronic	1.31338	1.31372
GBPCHF	05-07-18	09:32-11:30			1.31384	05-07-18 09:32	5549.204799	Other	NA	Electronic	1.31384	1.31417

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	05-07-18	11:32-13:30			1.3148	05-07-18 11:32	5549.204799	Other	NA	Electronic	1.31445	1.3148
GBPCHF	05-07-18	13:30-13:32	1.31202	84347.91294								
GBPCHF	05-07-18	15:32-17:30			1.3122	05-07-18 15:36	3329.522879	Other	NA	Electronic	1.31187	1.31221
GBPCHF	06-07-18	09:30-09:32	1.31412	1109.84096								
GBPCHF	06-07-18	11:32-13:30			1.31345	06-07-18 11:49	11098.4096	Other	NA	Electronic	1.3131	1.31345
GBPCHF	06-07-18	13:30-13:32	1.31277	4439.363839								
GBPCHF	06-07-18	15:32-17:30			1.31348	06-07-18 15:43	2219.68192	Other	NA	Electronic	1.31348	1.31383
GBPCHF	09-07-18	09:32-11:30			1.31682	09-07-18 09:38	1109.84096	Other	NA	Electronic	1.31682	1.31718
GBPCHF	09-07-18	11:32-13:30			1.31839	09-07-18 11:33	2219.68192	Other	NA	Electronic	1.31804	1.31839
GBPCHF	09-07-18	13:30-13:32	1.31988	8878.727678								
GBPCHF	09-07-18	15:30-15:32	1.31303	1109.84096								
GBPCHF	10-07-18	09:30-09:32	1.31605	3329.522879								
GBPCHF	10-07-18	11:32-13:30			1.31685	10-07-18 11:32	5549.204799	Other	NA	Electronic	1.3165	1.31685
GBPCHF	10-07-18	13:30-13:32	1.31986	2219.68192								
GBPCHF	10-07-18	15:32-17:30			1.31741	10-07-18 15:45	7768.886719	Other	NA	Electronic	1.31741	1.31775



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	11-07-18	09:32-11:30			1.31701	11-07-18 09:33	1109.84096	Other	NA	Electronic	1.31701	1.31734
GBPCHF	11-07-18	11:32-13:30			1.31736	11-07-18 11:32	6659.045759	Other	NA	Electronic	1.31736	1.31771
GBPCHF	11-07-18	13:32-15:30			1.31543	11-07-18 13:39	5549.204799	Other	NA	Electronic	1.31509	1.31543
GBPCHF	11-07-18	15:32-17:30			1.31517	11-07-18 15:33	1109.84096	Other	NA	Electronic	1.31487	1.31517
GBPCHF	12-07-18	09:30-09:32	1.31742	4439.363839								
GBPCHF	12-07-18	11:30-11:32	1.31752	7768.886719								
GBPCHF	12-07-18	13:30-13:32	1.32352	24416.50112								
GBPCHF	12-07-18	15:30-15:32	1.32436	88787.27678								
GBPCHF	13-07-18	09:30-09:32	1.31773	8878.727678								
GBPCHF	13-07-18	11:32-13:30			1.31941	13-07-18 11:36	1109.84096	Other	NA	Electronic	1.31941	1.31978
GBPCHF	13-07-18	13:32-15:30			1.32379	13-07-18 13:36	5549.204799	Other	NA	Electronic	1.32344	1.32378
GBPCHF	13-07-18	15:30-15:32	1.32576	12208.25056								
GBPCHF	16-07-18	09:32-11:30			1.32601	16-07-18 09:32	1109.84096	Other	NA	Electronic	1.32567	1.32601
GBPCHF	16-07-18	11:32-13:30			1.32481	16-07-18 11:35	1109.84096	Other	NA	Electronic	1.32481	1.32516
GBPCHF	16-07-18	13:30-13:32	1.32411	3329.522879								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	16-07-18	15:30-15:32	1.32042	17757.45536								
GBPCHF	17-07-18	09:30-09:32	1.31864	1109.84096								
GBPCHF	17-07-18	11:30-11:32	1.31397	13318.09152								
GBPCHF	17-07-18	13:30-13:32	1.3112	27746.02399								
GBPCHF	17-07-18	15:30-15:32	1.31474	3329.522879								
GBPCHF	18-07-18	09:30-09:32	1.30595	1109.84096								
GBPCHF	18-07-18	11:30-11:32	1.30302	1109.84096								
GBPCHF	18-07-18	13:32-15:30			1.30356	18-07-18 13:36	33295.22879	Other	NA	Electronic	1.30358	1.30392
GBPCHF	18-07-18	15:32-17:30			1.30425	18-07-18 15:35	3329.522879	Other	NA	Electronic	1.30424	1.3046
GBPCHF	19-07-18	09:32-11:30			1.30294	19-07-18 09:33	11098.4096	Other	NA	Electronic	1.30293	1.30327
GBPCHF	19-07-18	11:32-13:30			1.30128	19-07-18 11:45	22196.8192	Other	NA	Electronic	1.3013	1.30165
GBPCHF	19-07-18	13:32-15:30			1.30167	19-07-18 13:32	1109.84096	Other	NA	Electronic	1.30137	1.30169
GBPCHF	19-07-18	15:32-17:30			1.30128	19-07-18 15:32	2219.68192	Other	NA	Electronic	1.30096	1.30128
GBPCHF	20-07-18	09:30-09:32	1.30045	1109.84096								
GBPCHF	20-07-18	11:32-13:30			1.30137	20-07-18 11:36	1109.84096	Other	NA	Electronic	1.30137	1.30171

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	20-07-18	13:32-15:30			1.30263	20-07-18 13:33	11098.4096	Other	NA	Electronic	1.30263	1.30296
GBPCHF	20-07-18	15:32-17:30			1.30462	20-07-18 15:32	1109.84096	Other	NA	Electronic	1.30426	1.3046
GBPCHF	23-07-18	09:30-09:32	1.30163	1109.84096								
GBPCHF	23-07-18	11:30-11:32	1.30238	6659.045759								
GBPCHF	23-07-18	13:30-13:32	1.30091	23306.66016								
GBPCHF	23-07-18	15:32-17:30			1.3011	23-07-18 15:42	2219.68192	Other	NA	Electronic	1.3011	1.30144
GBPCHF	24-07-18	09:32-11:30			1.30332	24-07-18 09:35	44393.63839	Other	NA	Electronic	1.30332	1.30367
GBPCHF	24-07-18	11:32-13:30			1.30364	24-07-18 11:32	2219.68192	Other	NA	Electronic	1.30364	1.30399
GBPCHF	24-07-18	13:30-13:32	1.30479	4439.363839								
GBPCHF	24-07-18	15:32-17:30			1.30545	24-07-18 15:33	2219.68192	Other	NA	Electronic	1.30545	1.30579
GBPCHF	25-07-18	09:30-09:32	1.3047	6659.045759								
GBPCHF	25-07-18	11:30-11:32	1.3052	4439.363839								
GBPCHF	25-07-18	13:30-13:32	1.30609	2219.68192								
GBPCHF	25-07-18	15:32-17:30			1.30687	25-07-18 15:33	11098.4096	Other	NA	Electronic	1.30653	1.30687
GBPCHF	26-07-18	09:30-09:32	1.31025	8878.727678								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	26-07-18	11:32-13:30			1.30836	26-07-18 11:32	2219.68192	Other	NA	Electronic	1.30801	1.30836
GBPCHF	26-07-18	13:30-13:32	1.30592	18867.29632								
GBPCHF	26-07-18	15:32-17:30			1.30599	26-07-18 15:38	3329.522879	Other	NA	Electronic	1.30564	1.30599
GBPCHF	27-07-18	09:30-09:32	1.30556	49942.84319								
GBPCHF	27-07-18	11:32-13:30			1.30659	27-07-18 11:32	5549.204799	Other	NA	Electronic	1.30625	1.30659
GBPCHF	27-07-18	13:32-15:30			1.3053	27-07-18 13:57	1109.84096	Other	NA	Electronic	1.30496	1.3053
GBPCHF	27-07-18	15:32-17:30			1.30446	27-07-18 15:36	3329.522879	Other	NA	Electronic	1.30411	1.30446
GBPCHF	30-07-18	09:30-09:32	1.30206	24416.50112								
GBPCHF	30-07-18	11:32-13:30			1.30207	30-07-18 11:34	2219.68192	Other	NA	Electronic	1.30174	1.30207
GBPCHF	30-07-18	13:30-13:32	1.30134	2219.68192								
GBPCHF	30-07-18	15:32-17:30			1.29963	30-07-18 15:34	11098.4096	Other	NA	Electronic	1.29928	1.29963
GBPCHF	31-07-18	09:30-09:32	1.30043	4439.363839								
GBPCHF	31-07-18	11:32-13:30			1.29997	31-07-18 11:35	5549.204799	Other	NA	Electronic	1.29962	1.29997
GBPCHF	31-07-18	13:32-15:30			1.29911	31-07-18 13:35	1109.84096	Other	NA	Electronic	1.29911	1.29945
GBPCHF	31-07-18	15:32-17:30			1.29784	31-07-18 15:36	2219.68192	Other	NA	Electronic	1.29784	1.29818

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	01-08-18	09:32-11:30			1.30087	01-08-18 09:32	2219.68192	Other	NA	Electronic	1.30052	1.30087
GBPCHF	01-08-18	11:32-13:30			1.30147	01-08-18 11:32	5549.204799	Other	NA	Electronic	1.30147	1.30179
GBPCHF	01-08-18	13:32-15:30			1.30205	01-08-18 13:37	5549.204799	Other	NA	Electronic	1.30204	1.30236
GBPCHF	01-08-18	15:30-15:32	1.30207	1109.84096								
GBPCHF	02-08-18	09:32-11:30			1.29977	02-08-18 09:38	5549.204799	Other	NA	Electronic	1.29977	1.30006
GBPCHF	02-08-18	11:30-11:32	1.30177	17757.45536								
GBPCHF	02-08-18	13:30-13:32	1.29749	1109.84096								
GBPCHF	02-08-18	15:32-17:30			1.29628	02-08-18 15:51	1109.84096	Other	NA	Electronic	1.29628	1.29661
GBPCHF	03-08-18	09:32-11:30			1.29428	03-08-18 09:38	1109.84096	Other	NA	Electronic	1.29395	1.29428
GBPCHF	03-08-18	11:32-13:30			1.2945	03-08-18 11:43	33295.22879	Other	NA	Electronic	1.2945	1.29485
GBPCHF	03-08-18	13:32-15:30			1.29377	03-08-18 13:34	1109.84096	Other	NA	Electronic	1.29342	1.29377
GBPCHF	03-08-18	15:32-17:30			1.29261	03-08-18 15:34	33295.22879	Other	NA	Electronic	1.29226	1.2926
GBPCHF	06-08-18	09:32-11:30			1.29049	06-08-18 09:39	4439.363839	Other	NA	Electronic	1.29049	1.29083
GBPCHF	06-08-18	11:32-13:30			1.28989	06-08-18 11:43	1109.84096	Other	NA	Electronic	1.28954	1.28989
GBPCHF	06-08-18	13:30-13:32	1.29076	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	06-08-18	15:32-17:30			1.28968	06-08-18 15:34	2219.68192	Other	NA	Electronic	1.28934	1.28968
GBPCHF	07-08-18	09:32-11:30			1.29025	07-08-18 09:54	2219.68192	Other	NA	Electronic	1.2899	1.29025
GBPCHF	07-08-18	11:30-11:32	1.28861	2219.68192								
GBPCHF	07-08-18	13:32-15:30			1.28771	07-08-18 13:36	2219.68192	Other	NA	Electronic	1.28739	1.28771
GBPCHF	07-08-18	15:30-15:32	1.28909	1109.84096								
GBPCHF	08-08-18	09:30-09:32	1.28442	75469.18527								
GBPCHF	08-08-18	11:32-13:30			1.28116	08-08-18 11:46	5549.204799	Other	NA	Electronic	1.28116	1.28152
GBPCHF	08-08-18	13:32-15:30			1.28207	08-08-18 13:46	11098.4096	Other	NA	Electronic	1.28177	1.28207
GBPCHF	08-08-18	15:32-17:30			1.28044	08-08-18 16:00	1109.84096	Other	NA	Electronic	1.28044	1.28079
GBPCHF	09-08-18	09:32-11:30			1.28111	09-08-18 09:43	2219.68192	Other	NA	Electronic	1.28074	1.28111
GBPCHF	09-08-18	11:30-11:32	1.28001	1109.84096								
GBPCHF	09-08-18	13:32-15:30			1.27812	09-08-18 13:36	1109.84096	Other	NA	Electronic	1.27812	1.27849
GBPCHF	09-08-18	15:32-17:30			1.27436	09-08-18 15:42	1109.84096	Other	NA	Electronic	1.27436	1.2747
GBPCHF	10-08-18	09:32-11:30			1.27185	10-08-18 09:49	2219.68192	Other	NA	Electronic	1.2715	1.27185
GBPCHF	10-08-18	11:32-13:30			1.2702	10-08-18 11:33	3329.522879	Other	NA	Electronic	1.26982	1.2702

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	10-08-18	13:30-13:32	1.26555	56601.88895								
GBPCHF	10-08-18	15:30-15:32	1.27115	1109.84096								
GBPCHF	13-08-18	11:32-13:30			1.2675	13-08-18 11:33	11098.4096	Other	NA	Electronic	1.2675	1.26784
GBPCHF	13-08-18	13:32-15:30			1.26994	13-08-18 13:33	5549.204799	Other	NA	Electronic	1.26994	1.27029
GBPCHF	13-08-18	15:32-17:30			1.268	13-08-18 15:32	3329.522879	Other	NA	Electronic	1.26764	1.268
GBPCHF	14-08-18	09:32-11:30			1.26723	14-08-18 09:34	5549.204799	Other	NA	Electronic	1.26684	1.26723
GBPCHF	14-08-18	11:32-13:30			1.2645	14-08-18 11:41	34405.06975	Other	NA	Electronic	1.2645	1.26486
GBPCHF	14-08-18	13:32-15:30			1.26613	14-08-18 13:35	5549.204799	Other	NA	Electronic	1.26613	1.2665
GBPCHF	14-08-18	15:32-17:30			1.26435	14-08-18 15:32	5549.204799	Other	NA	Electronic	1.26435	1.26473
GBPCHF	15-08-18	09:32-11:30			1.26869	15-08-18 09:44	5549.204799	Other	NA	Electronic	1.26869	1.26905
GBPCHF	15-08-18	11:30-11:32	1.2666	28855.86495								
GBPCHF	15-08-18	13:32-15:30			1.26449	15-08-18 13:35	3329.522879	Other	NA	Electronic	1.26415	1.26449
GBPCHF	15-08-18	15:32-17:30			1.26186	15-08-18 16:05	13318.09152	Other	NA	Electronic	1.26149	1.26186
GBPCHF	16-08-18	09:32-11:30			1.26194	16-08-18 09:46	5549.204799	Other	NA	Electronic	1.26159	1.26196
GBPCHF	16-08-18	11:32-13:30			1.26274	16-08-18 11:34	5549.204799	Other	NA	Electronic	1.26239	1.26274

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	16-08-18	13:32-15:30			1.26371	16-08-18 13:32	1109.84096	Other	NA	Electronic	1.26335	1.26371
GBPCHF	16-08-18	15:32-17:30			1.26763	16-08-18 16:02	2219.68192	Other	NA	Electronic	1.26728	1.26763
GBPCHF	17-08-18	09:32-11:30			1.26507	17-08-18 10:02	5549.204799	Other	NA	Electronic	1.26507	1.26542
GBPCHF	17-08-18	11:32-13:30			1.26591	17-08-18 12:06	22196.8192	Other	NA	Electronic	1.26591	1.26627
GBPCHF	17-08-18	13:30-13:32	1.26613	1109.84096								
GBPCHF	17-08-18	15:32-17:30			1.26649	17-08-18 15:50	1109.84096	Other	NA	Electronic	1.26649	1.26685
GBPCHF	20-08-18	09:32-11:30			1.26921	20-08-18 09:32	11098.4096	Other	NA	Electronic	1.26921	1.26956
GBPCHF	20-08-18	11:32-13:30			1.27	20-08-18 11:37	2219.68192	Other	NA	Electronic	1.27	1.27034
GBPCHF	20-08-18	13:32-15:30			1.26922	20-08-18 13:34	11098.4096	Other	NA	Electronic	1.26886	1.26922
GBPCHF	20-08-18	15:32-17:30			1.26913	20-08-18 15:38	5549.204799	Other	NA	Electronic	1.26913	1.26949
GBPCHF	21-08-18	09:32-11:30			1.26612	21-08-18 09:35	11098.4096	Other	NA	Electronic	1.26576	1.26612
GBPCHF	21-08-18	11:32-13:30			1.26773	21-08-18 11:40	110984.096	Other	NA	Electronic	1.26737	1.26773
GBPCHF	21-08-18	13:32-15:30			1.26824	21-08-18 13:50	1109.84096	Other	NA	Electronic	1.26787	1.26824
GBPCHF	21-08-18	15:30-15:32	1.27027	14427.93248								
GBPCHF	22-08-18	09:30-09:32	1.26728	6659.045759								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	22-08-18	11:32-13:30			1.26784	22-08-18 11:33	5549.204799	Other	NA	Electronic	1.26747	1.26784
GBPCHF	22-08-18	13:32-15:30			1.26951	22-08-18 13:46	55492.04799	Other	NA	Electronic	1.26915	1.26951
GBPCHF	22-08-18	15:32-17:30			1.26919	22-08-18 15:42	110984.096	Other	NA	Electronic	1.26919	1.26955
GBPCHF	23-08-18	09:32-11:30			1.26485	23-08-18 09:39	2219.68192	Other	NA	Electronic	1.26485	1.26522
GBPCHF	23-08-18	11:32-13:30			1.26693	23-08-18 11:34	16647.6144	Other	NA	Electronic	1.26693	1.26732
GBPCHF	23-08-18	13:32-15:30			1.26585	23-08-18 13:37	1109.84096	Other	NA	Electronic	1.26585	1.26621
GBPCHF	23-08-18	15:32-17:30			1.26335	23-08-18 15:43	3329.522879	Other	NA	Electronic	1.26301	1.26335
GBPCHF	24-08-18	09:30-09:32	1.26147	6659.045759								
GBPCHF	24-08-18	11:32-13:30			1.26509	24-08-18 11:33	1109.84096	Other	NA	Electronic	1.26473	1.26509
GBPCHF	24-08-18	13:32-15:30			1.264	24-08-18 14:05	2219.68192	Other	NA	Electronic	1.264	1.26439
GBPCHF	24-08-18	15:30-15:32	1.26286	4439.363839								
GBPCHF	27-08-18	09:32-11:30			1.26227	27-08-18 09:42	2219.68192	Other	NA	Electronic	1.26227	1.26264
GBPCHF	27-08-18	11:32-13:30			1.26353	27-08-18 11:36	1109.84096	Other	NA	Electronic	1.26353	1.2639
GBPCHF	27-08-18	13:30-13:32	1.26505	33295.22879								
GBPCHF	27-08-18	15:32-17:30			1.26326	27-08-18 15:33	1109.84096	Other	NA	Electronic	1.26291	1.26326

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	28-08-18	09:32-11:30			1.2605	28-08-18 09:36	1109.84096	Other	NA	Electronic	1.2605	1.26087
GBPCHF	28-08-18	11:32-13:30			1.26009	28-08-18 11:37	16647.6144	Other	NA	Electronic	1.25973	1.26009
GBPCHF	28-08-18	13:32-15:30			1.26021	28-08-18 13:41	1109.84096	Other	NA	Electronic	1.25985	1.26021
GBPCHF	28-08-18	15:32-17:30			1.2569	28-08-18 15:37	1109.84096	Other	NA	Electronic	1.2569	1.25725
GBPCHF	29-08-18	09:32-11:30			1.25873	29-08-18 09:42	27746.02399	Other	NA	Electronic	1.25837	1.25873
GBPCHF	29-08-18	11:32-13:30			1.259	29-08-18 11:37	443936.3839	Other	NA	Electronic	1.25864	1.259
GBPCHF	29-08-18	13:30-13:32	1.2541	6659.045759								
GBPCHF	29-08-18	15:32-17:30			1.26572	29-08-18 15:33	4439.363839	Other	NA	Electronic	1.26535	1.26572
GBPCHF	30-08-18	09:32-11:30			1.2622	30-08-18 09:47	1109.84096	Other	NA	Electronic	1.2622	1.26251
GBPCHF	30-08-18	11:32-13:30			1.26366	30-08-18 12:04	1109.84096	Other	NA	Electronic	1.26329	1.26366
GBPCHF	30-08-18	13:32-15:30			1.26342	30-08-18 13:42	1109.84096	Other	NA	Electronic	1.26306	1.26342
GBPCHF	30-08-18	15:32-17:30			1.26157	30-08-18 15:58	1109.84096	Other	NA	Electronic	1.26157	1.26193
GBPCHF	31-08-18	09:32-11:30			1.25725	31-08-18 10:12	2219.68192	Other	NA	Electronic	1.25725	1.25762
GBPCHF	31-08-18	11:32-13:30			1.25548	31-08-18 11:36	12208.25056	Other	NA	Electronic	1.25512	1.25548
GBPCHF	31-08-18	13:32-15:30			1.2566	31-08-18 13:41	1109.84096	Other	NA	Electronic	1.25624	1.2566

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	31-08-18	15:32-17:30			1.25907	31-08-18 15:32	2219.68192	Other	NA	Electronic	1.25873	1.25907
GBPCHF	03-09-18	09:30-09:32	1.25005	77688.86719								
GBPCHF	03-09-18	11:32-13:30			1.24844	03-09-18 11:37	2219.68192	Other	NA	Electronic	1.24806	1.24844
GBPCHF	03-09-18	13:30-13:32	1.24863	35514.91071								
GBPCHF	03-09-18	15:32-17:30			1.24849	03-09-18 15:34	1109.84096	Other	NA	Electronic	1.24849	1.24887
GBPCHF	04-09-18	09:30-09:32	1.2477	2219.68192								
GBPCHF	04-09-18	11:32-13:30			1.24943	04-09-18 11:35	1109.84096	Other	NA	Electronic	1.24908	1.24943
GBPCHF	04-09-18	13:32-15:30			1.25172	04-09-18 13:33	1109.84096	Other	NA	Electronic	1.25172	1.25208
GBPCHF	04-09-18	15:32-17:30			1.25129	04-09-18 15:47	1109.84096	Other	NA	Electronic	1.251	1.25129
GBPCHF	05-09-18	09:32-11:30			1.24948	05-09-18 09:33	16647.6144	Other	NA	Electronic	1.24948	1.24985
GBPCHF	05-09-18	11:32-13:30			1.24982	05-09-18 12:05	1109.84096	Other	NA	Electronic	1.24947	1.24982
GBPCHF	05-09-18	13:30-13:32	1.26157	8878.727678								
GBPCHF	05-09-18	15:30-15:32	1.25229	4439.363839								
GBPCHF	06-09-18	09:32-11:30			1.2555	06-09-18 09:49	5549.204799	Other	NA	Electronic	1.25508	1.2555
GBPCHF	06-09-18	11:32-13:30			1.2542	06-09-18 11:39	5549.204799	Other	NA	Electronic	1.25381	1.2542

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	06-09-18	13:32-15:30			1.25337	06-09-18 14:07	5549.204799	Other	NA	Electronic	1.253	1.25337
GBPCHF	06-09-18	15:32-17:30			1.25211	06-09-18 15:42	1109.84096	Other	NA	Electronic	1.25211	1.25248
GBPCHF	07-09-18	09:30-09:32	1.24867	56601.88895								
GBPCHF	07-09-18	11:32-13:30			1.254	07-09-18 11:43	1109.84096	Other	NA	Electronic	1.25365	1.254
GBPCHF	07-09-18	13:30-13:32	1.25373	31075.54687								
GBPCHF	07-09-18	15:32-17:30			1.25288	07-09-18 15:53	27746.02399	Other	NA	Electronic	1.25253	1.25288
GBPCHF	10-09-18	09:32-11:30			1.25842	10-09-18 09:33	4439.363839	Other	NA	Electronic	1.25842	1.25878
GBPCHF	10-09-18	11:32-13:30			1.25935	10-09-18 11:48	1109.84096	Other	NA	Electronic	1.25896	1.25935
GBPCHF	10-09-18	13:30-13:32	1.26882	5549.204799								
GBPCHF	10-09-18	15:30-15:32	1.26811	2219.68192								
GBPCHF	11-09-18	09:32-11:30			1.26975	11-09-18 09:45	27746.02399	Other	NA	Electronic	1.26941	1.26975
GBPCHF	11-09-18	11:30-11:32	1.26806	2219.68192								
GBPCHF	11-09-18	13:32-15:30			1.2658	11-09-18 13:43	1109.84096	Other	NA	Electronic	1.26544	1.2658
GBPCHF	11-09-18	15:32-17:30			1.26572	11-09-18 15:34	1109.84096	Other	NA	Electronic	1.26572	1.26608
GBPCHF	12-09-18	09:32-11:30			1.2678	12-09-18 10:03	8878.727678	Other	NA	Electronic	1.2678	1.26816

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	12-09-18	11:32-13:30			1.26487	12-09-18 11:32	11098.4096	Other	NA	Electronic	1.26443	1.26487
GBPCHF	12-09-18	13:32-15:30			1.26539	12-09-18 13:32	1109.84096	Other	NA	Electronic	1.26539	1.26574
GBPCHF	12-09-18	15:32-17:30			1.26494	12-09-18 15:39	1109.84096	Other	NA	Electronic	1.26494	1.26532
GBPCHF	13-09-18	09:32-11:30			1.26566	13-09-18 09:46	55492.04799	Other	NA	Electronic	1.26566	1.26602
GBPCHF	13-09-18	11:32-13:30			1.26485	13-09-18 11:43	1109.84096	Other	NA	Electronic	1.26446	1.26485
GBPCHF	13-09-18	13:32-15:30			1.26766	13-09-18 13:43	2219.68192	Other	NA	Electronic	1.26727	1.26766
GBPCHF	13-09-18	15:32-17:30			1.26767	13-09-18 15:33	1109.84096	Other	NA	Electronic	1.26767	1.26803
GBPCHF	14-09-18	09:32-11:30			1.26437	14-09-18 09:43	1109.84096	Other	NA	Electronic	1.26437	1.26477
GBPCHF	14-09-18	11:32-13:30			1.26391	14-09-18 11:36	5549.204799	Other	NA	Electronic	1.26391	1.26429
GBPCHF	14-09-18	13:32-15:30			1.26493	14-09-18 13:59	1109.84096	Other	NA	Electronic	1.26493	1.2653
GBPCHF	14-09-18	15:32-17:30			1.26334	14-09-18 16:30	1109.84096	Other	NA	Electronic	1.26334	1.26371
GBPCHF	17-09-18	09:32-11:30			1.26285	17-09-18 09:36	1109.84096	Other	NA	Electronic	1.26285	1.26321
GBPCHF	17-09-18	11:32-13:30			1.26454	17-09-18 11:35	4439.363839	Other	NA	Electronic	1.2642	1.26454
GBPCHF	17-09-18	13:30-13:32	1.26608	2219.68192								
GBPCHF	17-09-18	15:32-17:30			1.26515	17-09-18 15:36	1109.84096	Other	NA	Electronic	1.26478	1.26515

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	18-09-18	09:30-09:32	1.26098	8878.727678								
GBPCHF	18-09-18	11:32-13:30			1.2639	18-09-18 11:36	1109.84096	Other	NA	Electronic	1.2639	1.26424
GBPCHF	18-09-18	13:32-15:30			1.26547	18-09-18 13:52	1109.84096	Other	NA	Electronic	1.2651	1.26547
GBPCHF	18-09-18	15:32-17:30			1.2657	18-09-18 15:42	1109.84096	Other	NA	Electronic	1.26534	1.2657
GBPCHF	19-09-18	09:30-09:32	1.27245	2219.68192								
GBPCHF	19-09-18	11:30-11:32	1.27238	44393.63839								
GBPCHF	19-09-18	13:32-15:30			1.2732	19-09-18 13:33	2219.68192	Other	NA	Electronic	1.2732	1.27357
GBPCHF	19-09-18	15:32-17:30			1.27229	19-09-18 15:32	2219.68192	Other	NA	Electronic	1.27229	1.27267
GBPCHF	20-09-18	09:30-09:32	1.2763	73249.50335								
GBPCHF	20-09-18	11:30-11:32	1.27896	57711.72991								
GBPCHF	20-09-18	13:32-15:30			1.27494	20-09-18 13:36	1109.84096	Other	NA	Electronic	1.27494	1.2753
GBPCHF	20-09-18	15:32-17:30			1.27394	20-09-18 15:53	1109.84096	Other	NA	Electronic	1.27358	1.27394
GBPCHF	21-09-18	09:32-11:30			1.2598	21-09-18 09:32	1109.84096	Other	NA	Electronic	1.2598	1.26063
GBPCHF	21-09-18	11:32-13:30			1.26172	21-09-18 11:32	2219.68192	Other	NA	Electronic	1.26135	1.26172
GBPCHF	21-09-18	13:32-15:30			1.2522	21-09-18 13:36	1109.84096	Other	NA	Electronic	1.2522	1.25255

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	21-09-18	15:30-15:32	1.25468	1109.84096								
GBPCHF	24-09-18	09:32-11:30			1.25786	24-09-18 09:44	1109.84096	Other	NA	Electronic	1.25786	1.25823
GBPCHF	24-09-18	11:32-13:30			1.26032	24-09-18 11:36	1109.84096	Other	NA	Electronic	1.26032	1.2607
GBPCHF	24-09-18	13:32-15:30			1.26037	24-09-18 13:34	1109.84096	Other	NA	Electronic	1.26037	1.26073
GBPCHF	24-09-18	15:30-15:32	1.26311	1109.84096								
GBPCHF	25-09-18	09:32-11:30			1.27113	25-09-18 09:32	110984.096	Other	NA	Electronic	1.27075	1.27113
GBPCHF	25-09-18	11:32-13:30			1.27086	25-09-18 11:41	7768.886719	Other	NA	Electronic	1.27086	1.27123
GBPCHF	25-09-18	13:30-13:32	1.26927	23306.66016								
GBPCHF	25-09-18	15:32-17:30			1.26922	25-09-18 15:38	4439.363839	Other	NA	Electronic	1.26922	1.26958
GBPCHF	26-09-18	09:32-11:30			1.27162	26-09-18 09:39	4439.363839	Other	NA	Electronic	1.27162	1.27198
GBPCHF	26-09-18	11:32-13:30			1.27329	26-09-18 11:39	33295.22879	Other	NA	Electronic	1.27329	1.27364
GBPCHF	26-09-18	13:32-15:30			1.27526	26-09-18 13:32	22196.8192	Other	NA	Electronic	1.27526	1.27562
GBPCHF	26-09-18	15:32-17:30			1.27564	26-09-18 15:34	3329.522879	Other	NA	Electronic	1.27564	1.276
GBPCHF	27-09-18	09:32-11:30			1.27223	27-09-18 09:39	1109.84096	Other	NA	Electronic	1.27187	1.27223
GBPCHF	27-09-18	11:32-13:30			1.27591	27-09-18 11:33	13318.09152	Other	NA	Electronic	1.27557	1.27591

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	27-09-18	13:32-15:30			1.27871	27-09-18 13:33	2219.68192	Other	NA	Electronic	1.27834	1.27871
GBPCHF	27-09-18	15:32-17:30			1.28037	27-09-18 15:39	11098.4096	Other	NA	Electronic	1.28033	1.28069
GBPCHF	28-09-18	09:32-11:30			1.27496	28-09-18 09:35	55492.04799	Other	NA	Electronic	1.27458	1.27496
GBPCHF	28-09-18	11:30-11:32	1.27525	17757.45536								
GBPCHF	28-09-18	13:32-15:30			1.27212	28-09-18 13:33	5549.204799	Other	NA	Electronic	1.27176	1.27212
GBPCHF	28-09-18	15:32-17:30			1.27262	28-09-18 15:37	1109.84096	Other	NA	Electronic	1.27262	1.27299
GBPCHF.	02-07-18	09:32-11:30			1.30702	02-07-18 11:01	1109.84096	Other	NA	Electronic	1.30688	1.30702
GBPCHF.	02-07-18	11:32-13:30			1.3061	02-07-18 11:37	1109.84096	Other	NA	Electronic	1.30597	1.3061
GBPCHF.	02-07-18	13:32-15:30			1.30623	02-07-18 14:17	3329.522879	Other	NA	Electronic	1.30691	1.30705
GBPCHF.	02-07-18	15:32-17:30			1.30643	02-07-18 16:38	3329.522879	Other	NA	Electronic	1.30643	1.30656
GBPCHF.	03-07-18	09:32-11:30			1.30927	03-07-18 09:42	11098.4096	Other	NA	Electronic	1.30927	1.3094
GBPCHF.	03-07-18	11:32-13:30			1.30959	03-07-18 12:31	1109.84096	Other	NA	Electronic	1.30958	1.30971
GBPCHF.	03-07-18	13:32-15:30			1.30756	03-07-18 14:07	8878.727678	Other	NA	Electronic	1.30745	1.30756
GBPCHF.	03-07-18	15:32-17:30			1.30765	03-07-18 15:59	1109.84096	Other	NA	Electronic	1.31648	1.31671
GBPCHF.	04-07-18	09:32-11:30			1.31179	04-07-18 09:44	5549.204799	Other	NA	Electronic	1.31179	1.31194



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	04-07-18	11:32-13:30			1.31102	04-07-18 11:40	1109.84096	Other	NA	Electronic	1.31088	1.31102
GBPCHF.	04-07-18	13:32-15:30			1.31184	04-07-18 13:57	5549.204799	Other	NA	Electronic	1.31184	1.31196
GBPCHF.	04-07-18	15:32-17:30			1.31326	04-07-18 15:34	1109.84096	Other	NA	Electronic	1.31326	1.31339
GBPCHF.	05-07-18	09:32-11:30			1.31497	05-07-18 09:45	1109.84096	Other	NA	Electronic	1.3149	1.31504
GBPCHF.	05-07-18	11:32-13:30			1.31461	05-07-18 11:35	1109.84096	Other	NA	Electronic	1.31447	1.31461
GBPCHF.	05-07-18	13:32-15:30			1.31235	05-07-18 13:58	3329.522879	Other	NA	Electronic	1.31222	1.31235
GBPCHF.	05-07-18	15:32-17:30			1.31242	05-07-18 15:52	1109.84096	Other	NA	Electronic	1.31242	1.31256
GBPCHF.	06-07-18	11:32-13:30			1.31278	06-07-18 12:26	3329.522879	Other	NA	Electronic	1.31278	1.31292
GBPCHF.	06-07-18	13:32-15:30			1.31264	06-07-18 13:43	1109.84096	Other	NA	Electronic	1.31264	1.31275
GBPCHF.	06-07-18	15:32-17:30			1.31347	06-07-18 16:40	22196.8192	Other	NA	Electronic	1.31334	1.31347
GBPCHF.	09-07-18	11:32-13:30			1.31829	09-07-18 11:37	1109.84096	Other	NA	Electronic	1.31829	1.31843
GBPCHF.	09-07-18	13:32-15:30			1.31982	09-07-18 13:37	1109.84096	Other	NA	Electronic	1.31982	1.31994
GBPCHF.	09-07-18	15:32-17:30			1.31254	09-07-18 15:49	11098.4096	Other	NA	Electronic	1.31239	1.31254
GBPCHF.	10-07-18	09:32-11:30			1.3178	10-07-18 11:05	1109.84096	Other	NA	Electronic	1.31769	1.31783
GBPCHF.	10-07-18	11:32-13:30			1.31977	10-07-18 12:49	1109.84096	Other	NA	Electronic	1.31977	1.31991

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	10-07-18	13:32-15:30			1.31776	10-07-18 15:02	1109.84096	Other	NA	Electronic	1.31763	1.31776
GBPCHF.	10-07-18	15:32-17:30			1.31606	10-07-18 15:46	1109.84096	Other	NA	Electronic	1.31595	1.31607
GBPCHF.	11-07-18	09:32-11:30			1.31708	11-07-18 09:32	3329.522879	Other	NA	Electronic	1.31708	1.31723
GBPCHF.	11-07-18	11:32-13:30			1.31623	11-07-18 12:20	1109.84096	Other	NA	Electronic	1.31609	1.31623
GBPCHF.	11-07-18	13:30-13:32	1.31456	5549.204799								
GBPCHF.	11-07-18	15:32-17:30			1.31565	11-07-18 16:51	2219.68192	Other	NA	Electronic	1.31552	1.31565
GBPCHF.	12-07-18	09:32-11:30			1.31746	12-07-18 09:43	3329.522879	Other	NA	Electronic	1.31746	1.3176
GBPCHF.	12-07-18	11:32-13:30			1.32186	12-07-18 13:13	21086.97824	Other	NA	Electronic	1.32186	1.32202
GBPCHF.	12-07-18	13:32-15:30			1.32363	12-07-18 13:36	21086.97824	Other	NA	Electronic	1.32363	1.32377
GBPCHF.	13-07-18	09:32-11:30			1.3182	13-07-18 09:42	22196.8192	Other	NA	Electronic	1.31806	1.3182
GBPCHF.	13-07-18	11:32-13:30			1.32201	13-07-18 12:16	1109.84096	Other	NA	Electronic	1.32187	1.32201
GBPCHF.	13-07-18	13:32-15:30			1.32365	13-07-18 13:34	11098.4096	Other	NA	Electronic	1.32349	1.32364
GBPCHF.	13-07-18	15:32-17:30			1.32506	13-07-18 15:34	11098.4096	Other	NA	Electronic	1.32506	1.32516
GBPCHF.	16-07-18	09:32-11:30			1.32588	16-07-18 10:16	11098.4096	Other	NA	Electronic	1.32588	1.32603
GBPCHF.	16-07-18	11:32-13:30			1.32508	16-07-18 12:24	11098.4096	Other	NA	Electronic	1.32494	1.32508

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	16-07-18	13:30-13:32	1.32379	12208.25056								
GBPCHF.	16-07-18	15:32-17:30			1.31998	16-07-18 15:50	12208.25056	Other	NA	Electronic	1.31984	1.31999
GBPCHF.	17-07-18	09:32-11:30			1.3175	17-07-18 09:46	2219.68192	Other	NA	Electronic	1.31739	1.3175
GBPCHF.	17-07-18	11:32-13:30			1.31259	17-07-18 12:16	2219.68192	Other	NA	Electronic	1.31243	1.31257
GBPCHF.	17-07-18	13:32-15:30			1.31161	17-07-18 13:55	1109.84096	Other	NA	Electronic	1.31148	1.31161
GBPCHF.	17-07-18	15:32-17:30			1.31505	17-07-18 16:00	1109.84096	Other	NA	Electronic	1.31505	1.31519
GBPCHF.	18-07-18	09:30-09:32	1.30617	110984.096								
GBPCHF.	18-07-18	11:32-13:30			1.3032	18-07-18 12:08	27746.02399	Other	NA	Electronic	1.30305	1.3032
GBPCHF.	18-07-18	13:32-15:30			1.30394	18-07-18 13:51	27746.02399	Other	NA	Electronic	1.30394	1.30408
GBPCHF.	18-07-18	15:32-17:30			1.30409	18-07-18 15:53	1109.84096	Other	NA	Electronic	1.30396	1.30409
GBPCHF.	19-07-18	09:32-11:30			1.30213	19-07-18 10:36	16647.6144	Other	NA	Electronic	1.30213	1.30225
GBPCHF.	19-07-18	11:32-13:30			1.30214	19-07-18 12:29	11098.4096	Other	NA	Electronic	1.302	1.30214
GBPCHF.	19-07-18	13:32-15:30			1.30211	19-07-18 14:32	2219.68192	Other	NA	Electronic	1.30197	1.30211
GBPCHF.	19-07-18	15:32-17:30			1.29951	19-07-18 17:11	4439.363839	Other	NA	Electronic	1.29932	1.2995
GBPCHF.	20-07-18	09:32-11:30			1.2999	20-07-18 09:38	1109.84096	Other	NA	Electronic	1.29977	1.2999

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	20-07-18	11:32-13:30			1.3007	20-07-18 12:02	1109.84096	Other	NA	Electronic	1.30056	1.3007
GBPCHF.	20-07-18	13:32-15:30			1.303	20-07-18 13:35	4439.363839	Other	NA	Electronic	1.30286	1.30299
GBPCHF.	20-07-18	15:32-17:30			1.3036	20-07-18 15:58	2219.68192	Other	NA	Electronic	1.3035	1.30361
GBPCHF.	23-07-18	09:32-11:30			1.3021	23-07-18 09:36	5549.204799	Other	NA	Electronic	1.30197	1.3021
GBPCHF.	23-07-18	11:32-13:30			1.30232	23-07-18 11:41	2219.68192	Other	NA	Electronic	1.30221	1.30232
GBPCHF.	23-07-18	13:32-15:30			1.30001	23-07-18 14:19	1109.84096	Other	NA	Electronic	1.3	1.30013
GBPCHF.	23-07-18	15:32-17:30			1.30135	23-07-18 16:27	1109.84096	Other	NA	Electronic	1.30121	1.30134
GBPCHF.	24-07-18	09:32-11:30			1.30333	24-07-18 09:38	3329.522879	Other	NA	Electronic	1.30318	1.30333
GBPCHF.	24-07-18	11:32-13:30			1.30363	24-07-18 13:02	2219.68192	Other	NA	Electronic	1.30352	1.30363
GBPCHF.	24-07-18	13:32-15:30			1.306	24-07-18 13:40	1109.84096	Other	NA	Electronic	1.30584	1.306
GBPCHF.	24-07-18	15:32-17:30			1.30608	24-07-18 16:04	11098.4096	Other	NA	Electronic	1.30608	1.3062
GBPCHF.	25-07-18	09:32-11:30			1.30335	25-07-18 09:48	2219.68192	Other	NA	Electronic	1.30335	1.30346
GBPCHF.	25-07-18	13:32-15:30			1.30633	25-07-18 14:00	23306.66016	Other	NA	Electronic	1.30632	1.30646
GBPCHF.	25-07-18	15:32-17:30			1.30706	25-07-18 15:45	1109.84096	Other	NA	Electronic	1.30706	1.3072
GBPCHF.	26-07-18	09:32-11:30			1.30969	26-07-18 10:21	3329.522879	Other	NA	Electronic	1.30958	1.30969

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	26-07-18	11:32-13:30			1.30852	26-07-18 11:45	4439.363839	Other	NA	Electronic	1.30833	1.3085
GBPCHF.	26-07-18	13:32-15:30			1.30653	26-07-18 13:37	1109.84096	Other	NA	Electronic	1.30653	1.30666
GBPCHF.	26-07-18	15:32-17:30			1.30366	26-07-18 16:01	9988.568638	Other	NA	Electronic	1.30354	1.30366
GBPCHF.	27-07-18	09:32-11:30			1.30611	27-07-18 10:29	55492.04799	Other	NA	Electronic	1.306	1.30611
GBPCHF.	27-07-18	11:32-13:30			1.30604	27-07-18 11:35	2219.68192	Other	NA	Electronic	1.30605	1.30618
GBPCHF.	27-07-18	13:32-15:30			1.30567	27-07-18 13:34	33295.22879	Other	NA	Electronic	1.30554	1.30567
GBPCHF.	27-07-18	15:32-17:30			1.30392	27-07-18 15:54	55492.04799	Other	NA	Electronic	1.30392	1.30404
GBPCHF.	30-07-18	09:32-11:30			1.30247	30-07-18 09:36	5549.204799	Other	NA	Electronic	1.30247	1.30258
GBPCHF.	30-07-18	11:30-11:32	1.30193	110984.096								
GBPCHF.	30-07-18	13:30-13:32	1.30092	1109.84096								
GBPCHF.	30-07-18	15:32-17:30			1.29916	30-07-18 15:38	2219.68192	Other	NA	Electronic	1.29904	1.29916
GBPCHF.	31-07-18	09:32-11:30			1.30029	31-07-18 09:32	1109.84096	Other	NA	Electronic	1.30029	1.30043
GBPCHF.	31-07-18	11:32-13:30			1.29914	31-07-18 12:08	1109.84096	Other	NA	Electronic	1.29914	1.29928
GBPCHF.	31-07-18	13:32-15:30			1.29944	31-07-18 14:10	11098.4096	Other	NA	Electronic	1.29933	1.29944
GBPCHF.	01-08-18	09:32-11:30			1.30207	01-08-18 11:18	3329.522879	Other	NA	Electronic	1.30207	1.3022

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	01-08-18	11:32-13:30			1.30145	01-08-18 12:00	13318.09152	Other	NA	Electronic	1.30145	1.30158
GBPCHF.	01-08-18	13:32-15:30			1.30201	01-08-18 13:39	1109.84096	Other	NA	Electronic	1.30186	1.30198
GBPCHF.	01-08-18	15:32-17:30			1.3012	01-08-18 16:23	2219.68192	Other	NA	Electronic	1.3012	1.30134
GBPCHF.	02-08-18	09:32-11:30			1.29978	02-08-18 10:41	45503.47935	Other	NA	Electronic	1.29966	1.29979
GBPCHF.	02-08-18	11:32-13:30			1.30246	02-08-18 11:37	45503.47935	Other	NA	Electronic	1.30246	1.30263
GBPCHF.	02-08-18	13:32-15:30			1.29678	02-08-18 14:13	1109.84096	Other	NA	Electronic	1.29666	1.29678
GBPCHF.	02-08-18	15:32-17:30			1.29586	02-08-18 15:38	1109.84096	Other	NA	Electronic	1.29586	1.29599
GBPCHF.	03-08-18	09:32-11:30			1.29467	03-08-18 10:02	1109.84096	Other	NA	Electronic	1.29467	1.29476
GBPCHF.	03-08-18	11:32-13:30			1.29551	03-08-18 11:37	2219.68192	Other	NA	Electronic	1.29537	1.29551
GBPCHF.	03-08-18	13:32-15:30			1.29242	03-08-18 13:53	1109.84096	Other	NA	Electronic	1.29227	1.29242
GBPCHF.	03-08-18	15:32-17:30			1.29238	03-08-18 15:34	3329.522879	Other	NA	Electronic	1.29238	1.29251
GBPCHF.	06-08-18	09:32-11:30			1.29036	06-08-18 09:46	1109.84096	Other	NA	Electronic	1.29022	1.29036
GBPCHF.	06-08-18	11:32-13:30			1.28981	06-08-18 11:50	1109.84096	Other	NA	Electronic	1.28968	1.28982
GBPCHF.	06-08-18	13:32-15:30			1.29011	06-08-18 13:34	1109.84096	Other	NA	Electronic	1.28998	1.29011
GBPCHF.	06-08-18	15:32-17:30			1.28957	06-08-18 15:34	56601.88895	Other	NA	Electronic	1.28944	1.28957

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GBPCHF.	07-08-18	11:32-13:30			1.28861	07-08-18 12:02	11098.4096	Other	NA	Electronic	1.28851	1.28861
GBPCHF.	07-08-18	13:32-15:30			1.28734	07-08-18 14:24	1109.84096	Other	NA	Electronic	1.28721	1.28734
GBPCHF.	08-08-18	09:32-11:30			1.28423	08-08-18 09:45	22196.8192	Other	NA	Electronic	1.28411	1.28423
GBPCHF.	08-08-18	11:32-13:30			1.2814	08-08-18 12:05	1109.84096	Other	NA	Electronic	1.28127	1.2814
GBPCHF.	08-08-18	13:32-15:30			1.28052	08-08-18 14:36	1109.84096	Other	NA	Electronic	1.28052	1.28075
GBPCHF.	08-08-18	15:32-17:30			1.28	08-08-18 16:19	11098.4096	Other	NA	Electronic	1.28	1.2802
GBPCHF.	09-08-18	09:32-11:30			1.27944	09-08-18 09:38	1109.84096	Other	NA	Electronic	1.2793	1.27944
GBPCHF.	09-08-18	13:32-15:30			1.277	09-08-18 13:47	1109.84096	Other	NA	Electronic	1.277	1.27714
GBPCHF.	09-08-18	15:32-17:30			1.27399	09-08-18 16:36	5549.204799	Other	NA	Electronic	1.27384	1.27399
GBPCHF.	10-08-18	09:32-11:30			1.27159	10-08-18 09:46	1109.84096	Other	NA	Electronic	1.27159	1.27177
GBPCHF.	10-08-18	11:32-13:30			1.27008	10-08-18 11:47	1109.84096	Other	NA	Electronic	1.27008	1.27024
GBPCHF.	10-08-18	13:32-15:30			1.26992	10-08-18 15:15	1109.84096	Other	NA	Electronic	1.26992	1.27008
GBPCHF.	10-08-18	15:32-17:30			1.27076	10-08-18 15:37	1109.84096	Other	NA	Electronic	1.27076	1.27091
GBPCHF.	13-08-18	09:32-11:30			1.26848	13-08-18 11:00	1109.84096	Other	NA	Electronic	1.26835	1.26848
GBPCHF.	13-08-18	11:32-13:30			1.26758	13-08-18 11:33	1109.84096	Other	NA	Electronic	1.26758	1.26773

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GBPCHF.	13-08-18	13:32-15:30			1.2695	13-08-18 13:45	8878.727678	Other	NA	Electronic	1.2695	1.26966
GBPCHF.	13-08-18	15:30-15:32	1.2683	3329.522879								
GBPCHF.	14-08-18	09:32-11:30			1.26747	14-08-18 09:41	2219.68192	Other	NA	Electronic	1.26733	1.26747
GBPCHF.	14-08-18	11:32-13:30			1.26494	14-08-18 11:33	4439.363839	Other	NA	Electronic	1.26481	1.26494
GBPCHF.	14-08-18	15:32-17:30			1.26482	14-08-18 15:38	2219.68192	Other	NA	Electronic	1.26467	1.26482
GBPCHF.	15-08-18	09:32-11:30			1.26914	15-08-18 09:58	2219.68192	Other	NA	Electronic	1.26914	1.2693
GBPCHF.	15-08-18	13:32-15:30			1.26415	15-08-18 13:42	266361.8303	Other	NA	Electronic	1.264	1.26415
GBPCHF.	15-08-18	15:32-17:30			1.26187	15-08-18 15:33	11098.4096	Other	NA	Electronic	1.26187	1.26202
GBPCHF.	16-08-18	09:32-11:30			1.26185	16-08-18 10:05	2219.68192	Other	NA	Electronic	1.26185	1.26199
GBPCHF.	16-08-18	13:32-15:30			1.26349	16-08-18 13:32	266361.8303	Other	NA	Electronic	1.26349	1.26365
GBPCHF.	17-08-18	11:32-13:30			1.26538	17-08-18 12:25	2219.68192	Other	NA	Electronic	1.26522	1.26538
GBPCHF.	17-08-18	13:32-15:30			1.26766	17-08-18 15:00	1109.84096	Other	NA	Electronic	1.26766	1.26783
GBPCHF.	20-08-18	09:30-09:32	1.26945	4439.363839								
GBPCHF.	20-08-18	11:32-13:30			1.27039	20-08-18 11:55	3329.522879	Other	NA	Electronic	1.27039	1.27055
GBPCHF.	20-08-18	15:32-17:30			1.26945	20-08-18 16:38	3329.522879	Other	NA	Electronic	1.26945	1.26959



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	21-08-18	09:32-11:30			1.26655	21-08-18 10:09	22196.8192	Other	NA	Electronic	1.26655	1.26669
GBPCHF.	21-08-18	11:32-13:30			1.26728	21-08-18 11:33	1109.84096	Other	NA	Electronic	1.26728	1.26743
GBPCHF.	21-08-18	13:32-15:30			1.26791	21-08-18 13:40	22196.8192	Other	NA	Electronic	1.26775	1.26791
GBPCHF.	21-08-18	15:32-17:30			1.2702	21-08-18 17:24	3329.522879	Other	NA	Electronic	1.27	1.2702
GBPCHF.	22-08-18	09:32-11:30			1.26634	22-08-18 09:45	5549.204799	Other	NA	Electronic	1.26634	1.26648
GBPCHF.	22-08-18	11:32-13:30			1.26729	22-08-18 11:40	1109.84096	Other	NA	Electronic	1.26714	1.26729
GBPCHF.	22-08-18	15:32-17:30			1.27003	22-08-18 16:01	6659.045759	Other	NA	Electronic	1.26987	1.27002
GBPCHF.	23-08-18	09:30-09:32	1.26516	1109.84096								
GBPCHF.	23-08-18	11:32-13:30			1.26576	23-08-18 12:24	1109.84096	Other	NA	Electronic	1.26562	1.26576
GBPCHF.	23-08-18	13:32-15:30			1.26357	23-08-18 14:44	3329.522879	Other	NA	Electronic	1.26343	1.26357
GBPCHF.	23-08-18	15:32-17:30			1.2635	23-08-18 15:48	5549.204799	Other	NA	Electronic	1.26335	1.2635
GBPCHF.	24-08-18	09:32-11:30			1.26152	24-08-18 09:37	221968.192	Other	NA	Electronic	1.26152	1.26167
GBPCHF.	24-08-18	11:32-13:30			1.26447	24-08-18 11:44	11098.4096	Other	NA	Electronic	1.26431	1.26447
GBPCHF.	27-08-18	09:32-11:30			1.26239	27-08-18 09:42	1109.84096	Other	NA	Electronic	1.26239	1.26254
GBPCHF.	27-08-18	11:32-13:30			1.26478	27-08-18 12:16	3329.522879	Other	NA	Electronic	1.2646	1.26478

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	27-08-18	13:32-15:30			1.26344	27-08-18 15:13	1109.84096	Other	NA	Electronic	1.26333	1.26348
GBPCHF.	28-08-18	09:32-11:30			1.2608	28-08-18 09:34	2219.68192	Other	NA	Electronic	1.2608	1.26094
GBPCHF.	28-08-18	11:32-13:30			1.25989	28-08-18 11:32	5549.204799	Other	NA	Electronic	1.25989	1.26004
GBPCHF.	28-08-18	13:32-15:30			1.2585	28-08-18 14:19	1109.84096	Other	NA	Electronic	1.2585	1.25865
GBPCHF.	28-08-18	15:32-17:30			1.25679	28-08-18 15:35	1109.84096	Other	NA	Electronic	1.25679	1.25694
GBPCHF.	29-08-18	09:32-11:30			1.25823	29-08-18 09:45	2219.68192	Other	NA	Electronic	1.25823	1.2584
GBPCHF.	29-08-18	11:32-13:30			1.25691	29-08-18 12:39	5549.204799	Other	NA	Electronic	1.25691	1.25706
GBPCHF.	29-08-18	13:32-15:30			1.25336	29-08-18 13:37	55492.04799	Other	NA	Electronic	1.25321	1.25336
GBPCHF.	29-08-18	15:32-17:30			1.26485	29-08-18 15:37	3329.522879	Other	NA	Electronic	1.26485	1.26501
GBPCHF.	30-08-18	09:32-11:30			1.26342	30-08-18 10:34	2219.68192	Other	NA	Electronic	1.26342	1.26356
GBPCHF.	30-08-18	13:32-15:30			1.2635	30-08-18 14:27	2219.68192	Other	NA	Electronic	1.26336	1.2635
GBPCHF.	30-08-18	15:32-17:30			1.26206	30-08-18 16:20	1109.84096	Other	NA	Electronic	1.26191	1.26206
GBPCHF.	31-08-18	09:32-11:30			1.25667	31-08-18 10:48	2219.68192	Other	NA	Electronic	1.25667	1.25682
GBPCHF.	31-08-18	11:32-13:30			1.25774	31-08-18 12:00	27746.02399	Other	NA	Electronic	1.25758	1.25774
GBPCHF.	03-09-18	09:32-11:30			1.24981	03-09-18 09:33	1109.84096	Other	NA	Electronic	1.24967	1.24981

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	03-09-18	11:32-13:30			1.24903	03-09-18 11:53	145389.1657	Other	NA	Electronic	1.24903	1.24911
GBPCHF.	03-09-18	13:32-15:30			1.24811	03-09-18 13:42	1109.84096	Other	NA	Electronic	1.24794	1.24811
GBPCHF.	03-09-18	15:32-17:30			1.24797	03-09-18 15:54	11098.4096	Other	NA	Electronic	1.24807	1.24823
GBPCHF.	04-09-18	09:32-11:30			1.24904	04-09-18 09:47	1109.84096	Other	NA	Electronic	1.2489	1.24904
GBPCHF.	04-09-18	11:30-11:32	1.24831	4439.363839								
GBPCHF.	04-09-18	13:32-15:30			1.25092	04-09-18 15:06	1109.84096	Other	NA	Electronic	1.25092	1.25109
GBPCHF.	04-09-18	15:32-17:30			1.25182	04-09-18 16:11	1109.84096	Other	NA	Electronic	1.25167	1.25182
GBPCHF.	05-09-18	09:32-11:30			1.24592	05-09-18 09:59	5549.204799	Other	NA	Electronic	1.24591	1.24609
GBPCHF.	05-09-18	11:32-13:30			1.24894	05-09-18 11:43	110984.096	Other	NA	Electronic	1.24894	1.24909
GBPCHF.	05-09-18	13:30-13:32	1.26134	3329.522879								
GBPCHF.	05-09-18	15:32-17:30			1.25336	05-09-18 16:15	1109.84096	Other	NA	Electronic	1.25336	1.25353
GBPCHF.	06-09-18	09:32-11:30			1.25538	06-09-18 09:49	6659.045759	Other	NA	Electronic	1.25518	1.25538
GBPCHF.	06-09-18	11:32-13:30			1.25472	06-09-18 12:06	1109.84096	Other	NA	Electronic	1.25456	1.25472
GBPCHF.	06-09-18	13:32-15:30			1.25138	06-09-18 14:14	3329.522879	Other	NA	Electronic	1.25138	1.25161
GBPCHF.	06-09-18	15:32-17:30			1.2523	06-09-18 16:08	1109.84096	Other	NA	Electronic	1.2523	1.25246

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	07-09-18	09:32-11:30			1.25115	07-09-18 09:51	3329.522879	Other	NA	Electronic	1.251	1.25115
GBPCHF.	07-09-18	11:32-13:30			1.2539	07-09-18 13:07	1109.84096	Other	NA	Electronic	1.2539	1.25406
GBPCHF.	07-09-18	13:32-15:30			1.25178	07-09-18 13:46	61041.25279	Other	NA	Electronic	1.25178	1.25193
GBPCHF.	07-09-18	15:32-17:30			1.25267	07-09-18 15:40	5549.204799	Other	NA	Electronic	1.25255	1.25267
GBPCHF.	10-09-18	11:32-13:30			1.26351	10-09-18 12:53	1109.84096	Other	NA	Electronic	1.26351	1.26377
GBPCHF.	10-09-18	13:30-13:32	1.26846	5549.204799								
GBPCHF.	10-09-18	15:32-17:30			1.27004	10-09-18 16:25	5549.204799	Other	NA	Electronic	1.27004	1.2702
GBPCHF.	11-09-18	09:32-11:30			1.27062	11-09-18 10:25	112093.9369	Other	NA	Electronic	1.27047	1.27062
GBPCHF.	11-09-18	11:32-13:30			1.26627	11-09-18 12:02	1109.84096	Other	NA	Electronic	1.26611	1.26627
GBPCHF.	11-09-18	13:32-15:30			1.26642	11-09-18 13:51	1109.84096	Other	NA	Electronic	1.26642	1.26656
GBPCHF.	11-09-18	15:32-17:30			1.26739	11-09-18 16:23	6659.045759	Other	NA	Electronic	1.26724	1.26739
GBPCHF.	12-09-18	09:32-11:30			1.26796	12-09-18 09:38	3329.522879	Other	NA	Electronic	1.26799	1.26812
GBPCHF.	12-09-18	11:32-13:30			1.26622	12-09-18 12:02	1109.84096	Other	NA	Electronic	1.26622	1.26637
GBPCHF.	12-09-18	13:32-15:30			1.26441	12-09-18 14:00	1109.84096	Other	NA	Electronic	1.26424	1.26441
GBPCHF.	12-09-18	15:32-17:30			1.26887	12-09-18 16:51	3329.522879	Other	NA	Electronic	1.26831	1.2687

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	13-09-18	09:32-11:30			1.26638	13-09-18 09:35	1109.84096	Other	NA	Electronic	1.26638	1.26655
GBPCHF.	13-09-18	11:32-13:30			1.2649	13-09-18 12:00	1109.84096	Other	NA	Electronic	1.2649	1.26503
GBPCHF.	13-09-18	13:30-13:32	1.26635	56601.88895								
GBPCHF.	13-09-18	15:32-17:30			1.26827	13-09-18 15:50	1109.84096	Other	NA	Electronic	1.26819	1.26827
GBPCHF.	14-09-18	09:32-11:30			1.26603	14-09-18 10:16	55492.04799	Other	NA	Electronic	1.26603	1.26611
GBPCHF.	14-09-18	11:32-13:30			1.26303	14-09-18 11:46	6659.045759	Other	NA	Electronic	1.26303	1.26316
GBPCHF.	14-09-18	13:30-13:32	1.26602	11098.4096								
GBPCHF.	14-09-18	15:32-17:30			1.26522	14-09-18 16:09	1109.84096	Other	NA	Electronic	1.26511	1.26522
GBPCHF.	17-09-18	09:32-11:30			1.26374	17-09-18 10:05	2219.68192	Other	NA	Electronic	1.26374	1.26383
GBPCHF.	17-09-18	11:32-13:30			1.26385	17-09-18 11:38	1109.84096	Other	NA	Electronic	1.26376	1.26385
GBPCHF.	17-09-18	13:32-15:30			1.2662	17-09-18 13:35	61041.25279	Other	NA	Electronic	1.26611	1.2662
GBPCHF.	17-09-18	15:32-17:30			1.2659	17-09-18 17:14	1109.84096	Other	NA	Electronic	1.2659	1.26604
GBPCHF.	18-09-18	09:32-11:30			1.2621	18-09-18 09:58	1109.84096	Other	NA	Electronic	1.2621	1.26221
GBPCHF.	18-09-18	11:32-13:30			1.26383	18-09-18 11:35	5549.204799	Other	NA	Electronic	1.26374	1.26383
GBPCHF.	18-09-18	13:32-15:30			1.26581	18-09-18 13:56	1109.84096	Other	NA	Electronic	1.2657	1.26581

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	18-09-18	15:32-17:30			1.26723	18-09-18 16:46	6659.045759	Other	NA	Electronic	1.26714	1.26723
GBPCHF.	19-09-18	09:32-11:30			1.27477	19-09-18 10:12	1109.84096	Other	NA	Electronic	1.27477	1.27486
GBPCHF.	19-09-18	11:32-13:30			1.2728	19-09-18 11:33	22196.8192	Other	NA	Electronic	1.27269	1.2728
GBPCHF.	19-09-18	13:32-15:30			1.27295	19-09-18 13:41	14427.93248	Other	NA	Electronic	1.27287	1.27295
GBPCHF.	19-09-18	15:32-17:30			1.27094	19-09-18 17:06	14427.93248	Other	NA	Electronic	1.27065	1.27094
GBPCHF.	20-09-18	09:32-11:30			1.27693	20-09-18 10:19	1109.84096	Other	NA	Electronic	1.27693	1.27703
GBPCHF.	20-09-18	11:30-11:32	1.2788	1109.84096								
GBPCHF.	20-09-18	13:32-15:30			1.27419	20-09-18 13:45	62151.09375	Other	NA	Electronic	1.27419	1.27428
GBPCHF.	20-09-18	15:32-17:30			1.27346	20-09-18 16:09	4439.363839	Other	NA	Electronic	1.27346	1.27353
GBPCHF.	21-09-18	09:32-11:30			1.25994	21-09-18 09:32	1109.84096	Other	NA	Electronic	1.25994	1.26005
GBPCHF.	21-09-18	11:32-13:30			1.25921	21-09-18 11:48	1109.84096	Other	NA	Electronic	1.25923	1.25932
GBPCHF.	21-09-18	13:32-15:30			1.2513	21-09-18 13:40	5549.204799	Other	NA	Electronic	1.25116	1.2513
GBPCHF.	21-09-18	15:32-17:30			1.25456	21-09-18 16:06	1109.84096	Other	NA	Electronic	1.25447	1.25456
GBPCHF.	24-09-18	09:32-11:30			1.26004	24-09-18 11:01	1109.84096	Other	NA	Electronic	1.26004	1.26015
GBPCHF.	24-09-18	11:32-13:30			1.26141	24-09-18 11:58	1109.84096	Other	NA	Electronic	1.26132	1.26141

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF.	24-09-18	13:30-13:32	1.26141	12208.25056								
GBPCHF.	24-09-18	15:32-17:30			1.26238	24-09-18 16:13	1109.84096	Other	NA	Electronic	1.26238	1.26251
GBPCHF.	25-09-18	09:32-11:30			1.27021	25-09-18 10:15	1109.84096	Other	NA	Electronic	1.27009	1.27021
GBPCHF.	25-09-18	11:32-13:30			1.27092	25-09-18 12:38	5549.204799	Other	NA	Electronic	1.27092	1.27103
GBPCHF.	25-09-18	13:30-13:32	1.26956	1109.84096								
GBPCHF.	25-09-18	15:32-17:30			1.26961	25-09-18 16:00	12208.25056	Other	NA	Electronic	1.26961	1.26973
GBPCHF.	26-09-18	09:30-09:32	1.27207	5549.204799								
GBPCHF.	26-09-18	11:32-13:30			1.27627	26-09-18 12:08	1109.84096	Other	NA	Electronic	1.27617	1.27633
GBPCHF.	26-09-18	13:32-15:30			1.27758	26-09-18 14:53	1109.84096	Other	NA	Electronic	1.27758	1.27768
GBPCHF.	26-09-18	15:32-17:30			1.27499	26-09-18 16:06	1109.84096	Other	NA	Electronic	1.27499	1.2751
GBPCHF.	27-09-18	09:32-11:30			1.27248	27-09-18 09:49	2219.68192	Other	NA	Electronic	1.27248	1.27261
GBPCHF.	27-09-18	11:32-13:30			1.27627	27-09-18 11:58	3329.522879	Other	NA	Electronic	1.27627	1.27638
GBPCHF.	27-09-18	13:32-15:30			1.27944	27-09-18 14:00	1109.84096	Other	NA	Electronic	1.27934	1.27944
GBPCHF.	27-09-18	15:32-17:30			1.28018	27-09-18 16:27	27746.02399	Other	NA	Electronic	1.28005	1.28018
GBPCHF.	28-09-18	09:32-11:30			1.27194	28-09-18 09:52	1109.84096	Other	NA	Electronic	1.27194	1.27206

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHF	28-09-18	11:32-13:30			1.27497	28-09-18 12:27	14427.93248	Other	NA	Electronic	1.27483	1.27497
GBPCHF	28-09-18	13:32-15:30			1.27107	28-09-18 13:45	1109.84096	Other	NA	Electronic	1.27094	1.27107
GBPCHF	28-09-18	15:32-17:30			1.27338	28-09-18 15:49	14427.93248	Other	NA	Electronic	1.27338	1.2735
GBPCHFmicro	02-07-18	09:32-11:30			1.30639	02-07-18 09:33	199.7713728	Other	NA	Electronic	1.30605	1.30639
GBPCHFmicro	02-07-18	11:30-11:32	1.30651	4439.363839								
GBPCHFmicro	02-07-18	13:32-15:30			1.30418	02-07-18 13:33	3329.522879	Other	NA	Electronic	1.30418	1.30453
GBPCHFmicro	02-07-18	15:32-17:30			1.30578	02-07-18 15:49	23240.0697	Other	NA	Electronic	1.30578	1.30612
GBPCHFmicro	03-07-18	09:30-09:32	1.30952	654.8061663								
GBPCHFmicro	03-07-18	11:32-13:30			1.30994	03-07-18 12:00	110.984096	Other	NA	Electronic	1.30959	1.30994
GBPCHFmicro	03-07-18	13:30-13:32	1.30772	3329.522879								
GBPCHFmicro	03-07-18	15:32-17:30			1.30808	03-07-18 15:33	8878.727678	Other	NA	Electronic	1.30808	1.30842
GBPCHFmicro	04-07-18	09:30-09:32	1.31154	6659.045759								
GBPCHFmicro	04-07-18	11:32-13:30			1.31154	04-07-18 11:33	110.984096	Other	NA	Electronic	1.31119	1.31154
GBPCHFmicro	04-07-18	13:30-13:32	1.31056	110.984096								
GBPCHFmicro	04-07-18	15:30-15:32	1.31348	2219.68192								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	05-07-18	09:32-11:30			1.31366	05-07-18 09:36	1109.84096	Other	NA	Electronic	1.31366	1.31401
GBPCHFmicro	05-07-18	11:32-13:30			1.31472	05-07-18 11:35	221.968192	Other	NA	Electronic	1.31437	1.31472
GBPCHFmicro	05-07-18	13:30-13:32	1.31178	8590.169029								
GBPCHFmicro	05-07-18	15:32-17:30			1.31208	05-07-18 15:37	110.984096	Other	NA	Electronic	1.31174	1.31208
GBPCHFmicro	06-07-18	09:32-11:30			1.31351	06-07-18 09:35	44.39363839	Other	NA	Electronic	1.31317	1.31351
GBPCHFmicro	06-07-18	11:30-11:32	1.31299	11.0984096								
GBPCHFmicro	06-07-18	13:32-15:30			1.31239	06-07-18 13:53	22196.8192	Other	NA	Electronic	1.31205	1.31239
GBPCHFmicro	06-07-18	15:32-17:30			1.31333	06-07-18 15:34	44.39363839	Other	NA	Electronic	1.31333	1.31367
GBPCHFmicro	09-07-18	09:32-11:30			1.31698	09-07-18 09:35	44.39363839	Other	NA	Electronic	1.31664	1.31698
GBPCHFmicro	09-07-18	11:30-11:32	1.31792	166.476144								
GBPCHFmicro	09-07-18	13:30-13:32	1.31978	776.8886719								
GBPCHFmicro	09-07-18	15:32-17:30			1.31305	09-07-18 15:34	55.49204799	Other	NA	Electronic	1.31305	1.3134
GBPCHFmicro	10-07-18	09:30-09:32	1.31595	11.0984096								
GBPCHFmicro	10-07-18	11:32-13:30			1.31705	10-07-18 11:35	11.0984096	Other	NA	Electronic	1.31671	1.31705
GBPCHFmicro	10-07-18	13:30-13:32	1.31991	332.9522879								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	10-07-18	15:32-17:30			1.31731	10-07-18 15:36	110.984096	Other	NA	Electronic	1.31731	1.31766
GBPCHFmicro	11-07-18	09:30-09:32	1.31755	832.3807198								
GBPCHFmicro	11-07-18	11:32-13:30			1.31731	11-07-18 11:38	110984.096	Other	NA	Electronic	1.31731	1.31765
GBPCHFmicro	11-07-18	13:30-13:32	1.31435	8878.727678								
GBPCHFmicro	11-07-18	15:32-17:30			1.31523	11-07-18 15:36	5549.204799	Other	NA	Electronic	1.31488	1.31523
GBPCHFmicro	12-07-18	09:32-11:30			1.31767	12-07-18 09:36	554.9204799	Other	NA	Electronic	1.31767	1.31802
GBPCHFmicro	12-07-18	11:32-13:30			1.31754	12-07-18 11:33	1098.74255	Other	NA	Electronic	1.31754	1.31789
GBPCHFmicro	12-07-18	13:30-13:32	1.32357	477.2316127								
GBPCHFmicro	12-07-18	15:30-15:32	1.32402	8878.727678								
GBPCHFmicro	13-07-18	09:30-09:32	1.3181	2219.68192								
GBPCHFmicro	13-07-18	11:32-13:30			1.31932	13-07-18 11:36	110.984096	Other	NA	Electronic	1.31931	1.31967
GBPCHFmicro	13-07-18	13:32-15:30			1.32328	13-07-18 13:32	110.984096	Other	NA	Electronic	1.32294	1.32328
GBPCHFmicro	13-07-18	15:30-15:32	1.32564	843.4791294								
GBPCHFmicro	16-07-18	09:32-11:30			1.32614	16-07-18 09:32	1109.84096	Other	NA	Electronic	1.3258	1.32614
GBPCHFmicro	16-07-18	11:32-13:30			1.32491	16-07-18 11:38	221.968192	Other	NA	Electronic	1.32491	1.32524

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GBPCHFmicro	16-07-18	13:32-15:30			1.32277	16-07-18 13:48	11.0984096	Other	NA	Electronic	1.32242	1.32277
GBPCHFmicro	16-07-18	15:30-15:32	1.32037	3562.589481								
GBPCHFmicro	17-07-18	09:30-09:32	1.31859	5549.204799								
GBPCHFmicro	17-07-18	11:32-13:30			1.3136	17-07-18 11:33	2219.68192	Other	NA	Electronic	1.3136	1.31395
GBPCHFmicro	17-07-18	13:32-15:30			1.31096	17-07-18 13:33	1220.825056	Other	NA	Electronic	1.31096	1.3113
GBPCHFmicro	17-07-18	15:30-15:32	1.3148	28423.02698								
GBPCHFmicro	18-07-18	09:32-11:30			1.30509	18-07-18 09:36	2219.68192	Other	NA	Electronic	1.30509	1.3057
GBPCHFmicro	18-07-18	11:32-13:30			1.30307	18-07-18 11:33	110.984096	Other	NA	Electronic	1.30307	1.30341
GBPCHFmicro	18-07-18	13:32-15:30			1.30403	18-07-18 13:40	266.3618303	Other	NA	Electronic	1.30403	1.30437
GBPCHFmicro	18-07-18	15:30-15:32	1.30466	221.968192								
GBPCHFmicro	19-07-18	09:30-09:32	1.30347	55.49204799								
GBPCHFmicro	19-07-18	11:30-11:32	1.30181	110.984096								
GBPCHFmicro	19-07-18	13:32-15:30			1.30159	19-07-18 13:39	221.968192	Other	NA	Electronic	1.30159	1.30188
GBPCHFmicro	19-07-18	15:32-17:30			1.30097	19-07-18 15:32	11098.4096	Other	NA	Electronic	1.30097	1.30128
GBPCHFmicro	20-07-18	09:30-09:32	1.30038	1109.84096								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	20-07-18	11:32-13:30			1.30111	20-07-18 11:58	88.78727678	Other	NA	Electronic	1.30078	1.30111
GBPCHFmicro	20-07-18	13:32-15:30			1.30319	20-07-18 13:34	122.0825056	Other	NA	Electronic	1.30285	1.3032
GBPCHFmicro	20-07-18	15:32-17:30			1.30455	20-07-18 15:36	554.9204799	Other	NA	Electronic	1.30455	1.30487
GBPCHFmicro	23-07-18	09:30-09:32	1.30158	221.968192								
GBPCHFmicro	23-07-18	11:32-13:30			1.3026	23-07-18 11:34	554.9204799	Other	NA	Electronic	1.3026	1.30294
GBPCHFmicro	23-07-18	13:30-13:32	1.30098	22.1968192								
GBPCHFmicro	23-07-18	15:32-17:30			1.30078	23-07-18 15:49	221.968192	Other	NA	Electronic	1.30078	1.30112
GBPCHFmicro	24-07-18	09:32-11:30			1.30327	24-07-18 09:35	1109.84096	Other	NA	Electronic	1.30327	1.30362
GBPCHFmicro	24-07-18	11:32-13:30			1.3043	24-07-18 11:33	554.9204799	Other	NA	Electronic	1.30395	1.3043
GBPCHFmicro	24-07-18	13:30-13:32	1.30462	321.8538783								
GBPCHFmicro	24-07-18	15:32-17:30			1.30562	24-07-18 15:34	1109.84096	Other	NA	Electronic	1.30562	1.30597
GBPCHFmicro	25-07-18	09:30-09:32	1.30504	3440.506975								
GBPCHFmicro	25-07-18	11:32-13:30			1.30478	25-07-18 11:34	110.984096	Other	NA	Electronic	1.30478	1.30512
GBPCHFmicro	25-07-18	13:30-13:32	1.30602	3329.522879								
GBPCHFmicro	25-07-18	15:30-15:32	1.30638	1664.76144								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	26-07-18	09:30-09:32	1.3101	66.59045759								
GBPCHFmicro	26-07-18	11:32-13:30			1.30824	26-07-18 11:37	110.984096	Other	NA	Electronic	1.30824	1.30858
GBPCHFmicro	26-07-18	13:30-13:32	1.306	3618.081529								
GBPCHFmicro	26-07-18	15:32-17:30			1.3059	26-07-18 15:35	2219.68192	Other	NA	Electronic	1.30559	1.3059
GBPCHFmicro	27-07-18	09:32-11:30			1.30506	27-07-18 10:04	554.9204799	Other	NA	Electronic	1.30506	1.3054
GBPCHFmicro	27-07-18	11:32-13:30			1.30588	27-07-18 11:43	1220.825056	Other	NA	Electronic	1.30588	1.30622
GBPCHFmicro	27-07-18	13:30-13:32	1.30538	122.0825056								
GBPCHFmicro	27-07-18	15:32-17:30			1.30437	27-07-18 15:34	66.59045759	Other	NA	Electronic	1.30403	1.30437
GBPCHFmicro	30-07-18	09:30-09:32	1.30232	577.1172991								
GBPCHFmicro	30-07-18	11:32-13:30			1.30178	30-07-18 11:32	554.9204799	Other	NA	Electronic	1.30178	1.30213
GBPCHFmicro	30-07-18	13:30-13:32	1.3014	566.0188895								
GBPCHFmicro	30-07-18	15:32-17:30			1.2993	30-07-18 15:32	177.5745536	Other	NA	Electronic	1.2993	1.29965
GBPCHFmicro	31-07-18	09:30-09:32	1.30012	443.9363839								
GBPCHFmicro	31-07-18	11:30-11:32	1.30032	44.39363839								
GBPCHFmicro	31-07-18	13:32-15:30			1.29942	31-07-18 13:34	1109.84096	Other	NA	Electronic	1.29907	1.29942

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	31-07-18	15:30-15:32	1.29797	2774.602399								
GBPCHFmicro	01-08-18	09:30-09:32	1.30061	1442.793248								
GBPCHFmicro	01-08-18	11:32-13:30			1.30157	01-08-18 11:33	110.984096	Other	NA	Electronic	1.30156	1.3019
GBPCHFmicro	01-08-18	13:32-15:30			1.30216	01-08-18 13:34	11.0984096	Other	NA	Electronic	1.30217	1.3025
GBPCHFmicro	01-08-18	15:32-17:30			1.30193	01-08-18 15:33	332.9522879	Other	NA	Electronic	1.30193	1.30227
GBPCHFmicro	02-08-18	09:30-09:32	1.30011	110.984096								
GBPCHFmicro	02-08-18	11:30-11:32	1.30184	2230.780329								
GBPCHFmicro	02-08-18	13:32-15:30			1.29778	02-08-18 13:32	110.984096	Other	NA	Electronic	1.29742	1.29777
GBPCHFmicro	02-08-18	15:32-17:30			1.29625	02-08-18 15:51	99.88568638	Other	NA	Electronic	1.29625	1.29658
GBPCHFmicro	03-08-18	09:30-09:32	1.29397	399.5427455								
GBPCHFmicro	03-08-18	11:32-13:30			1.2952	03-08-18 11:36	2219.68192	Other	NA	Electronic	1.2952	1.29555
GBPCHFmicro	03-08-18	13:30-13:32	1.29376	22.1968192								
GBPCHFmicro	03-08-18	15:32-17:30			1.29185	03-08-18 15:40	332.9522879	Other	NA	Electronic	1.29185	1.29218
GBPCHFmicro	06-08-18	09:32-11:30			1.29087	06-08-18 09:34	221.968192	Other	NA	Electronic	1.29054	1.29087
GBPCHFmicro	06-08-18	11:30-11:32	1.29045	99.88568638								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	06-08-18	13:32-15:30			1.29072	06-08-18 13:41	3329.522879	Other	NA	Electronic	1.29038	1.29072
GBPCHFmicro	06-08-18	15:32-17:30			1.28969	06-08-18 15:32	1220.825056	Other	NA	Electronic	1.28935	1.28969
GBPCHFmicro	07-08-18	09:32-11:30			1.29069	07-08-18 10:04	1109.84096	Other	NA	Electronic	1.29034	1.29069
GBPCHFmicro	07-08-18	11:32-13:30			1.28896	07-08-18 11:34	577.1172991	Other	NA	Electronic	1.28861	1.28896
GBPCHFmicro	07-08-18	13:30-13:32	1.28739	110.984096								
GBPCHFmicro	07-08-18	15:32-17:30			1.2885	07-08-18 15:36	221.968192	Other	NA	Electronic	1.2885	1.28884
GBPCHFmicro	08-08-18	09:30-09:32	1.28443	443.9363839								
GBPCHFmicro	08-08-18	11:32-13:30			1.2818	08-08-18 11:38	1109.84096	Other	NA	Electronic	1.28184	1.28212
GBPCHFmicro	08-08-18	13:30-13:32	1.28152	443.9363839								
GBPCHFmicro	08-08-18	15:30-15:32	1.28127	33295.22879								
GBPCHFmicro	09-08-18	09:30-09:32	1.27988	110984.096								
GBPCHFmicro	09-08-18	11:30-11:32	1.27985	110.984096								
GBPCHFmicro	09-08-18	13:32-15:30			1.27775	09-08-18 13:37	110.984096	Other	NA	Electronic	1.27775	1.27812
GBPCHFmicro	09-08-18	15:32-17:30			1.27433	09-08-18 15:41	1109.84096	Other	NA	Electronic	1.27433	1.27467
GBPCHFmicro	10-08-18	09:30-09:32	1.27048	1109.84096								

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GBPCHFmicro	10-08-18	11:30-11:32	1.26985	1220.825056								
GBPCHFmicro	10-08-18	13:30-13:32	1.26515	22.1968192								
GBPCHFmicro	10-08-18	15:32-17:30			1.27063	10-08-18 15:39	55.49204799	Other	NA	Electronic	1.27063	1.27097
GBPCHFmicro	13-08-18	09:32-11:30			1.26759	13-08-18 10:38	11.0984096	Other	NA	Electronic	1.26721	1.26759
GBPCHFmicro	13-08-18	11:32-13:30			1.26913	13-08-18 11:53	22.1968192	Other	NA	Electronic	1.26913	1.26947
GBPCHFmicro	13-08-18	13:32-15:30			1.26958	13-08-18 13:49	110.984096	Other	NA	Electronic	1.26958	1.26995
GBPCHFmicro	13-08-18	15:30-15:32	1.26814	66.59045759								
GBPCHFmicro	14-08-18	09:32-11:30			1.26675	14-08-18 09:37	2219.68192	Other	NA	Electronic	1.26675	1.26711
GBPCHFmicro	14-08-18	11:30-11:32	1.26534	2219.68192								
GBPCHFmicro	14-08-18	13:32-15:30			1.26618	14-08-18 13:38	177.5745536	Other	NA	Electronic	1.26583	1.26618
GBPCHFmicro	14-08-18	15:30-15:32	1.2648	1664.76144								
GBPCHFmicro	15-08-18	09:30-09:32	1.26842	2108.697824								
GBPCHFmicro	15-08-18	11:30-11:32	1.26626	33.29522879								
GBPCHFmicro	15-08-18	13:30-13:32	1.26496	2219.68192								
GBPCHFmicro	15-08-18	15:30-15:32	1.26198	22540.86989								



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GBPCHFmicro	16-08-18	09:32-11:30			1.26159	16-08-18 09:47	166.476144	Other	NA	Electronic	1.26159	1.26194
GBPCHFmicro	16-08-18	11:30-11:32	1.2627	22.1968192								
GBPCHFmicro	16-08-18	13:30-13:32	1.26376	11.0984096								
GBPCHFmicro	16-08-18	15:30-15:32	1.2666	110.984096								
GBPCHFmicro	17-08-18	09:32-11:30			1.26576	17-08-18 10:00	221.968192	Other	NA	Electronic	1.2654	1.26574
GBPCHFmicro	17-08-18	11:32-13:30			1.26604	17-08-18 11:54	554.9204799	Other	NA	Electronic	1.26567	1.26604
GBPCHFmicro	17-08-18	13:30-13:32	1.26613	332.9522879								
GBPCHFmicro	17-08-18	15:32-17:30			1.2664	17-08-18 15:51	499.4284319	Other	NA	Electronic	1.2664	1.26676
GBPCHFmicro	20-08-18	09:30-09:32	1.26922	2219.68192								
GBPCHFmicro	20-08-18	11:30-11:32	1.27029	998.8568638								
GBPCHFmicro	20-08-18	13:30-13:32	1.26918	332.9522879								
GBPCHFmicro	20-08-18	15:32-17:30			1.26975	20-08-18 15:53	22.1968192	Other	NA	Electronic	1.26932	1.26975
GBPCHFmicro	21-08-18	09:32-11:30			1.26583	21-08-18 09:41	588.2157087	Other	NA	Electronic	1.26583	1.2662
GBPCHFmicro	21-08-18	11:30-11:32	1.26767	554.9204799								
GBPCHFmicro	21-08-18	13:32-15:30			1.26784	21-08-18 13:32	221.968192	Other	NA	Electronic	1.26747	1.26783

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GBPCHFmicro	21-08-18	15:32-17:30			1.26986	21-08-18 15:45	221.968192	Other	NA	Electronic	1.26986	1.27023
GBPCHFmicro	22-08-18	09:32-11:30			1.26725	22-08-18 09:35	110.984096	Other	NA	Electronic	1.26689	1.26725
GBPCHFmicro	22-08-18	11:32-13:30			1.26679	22-08-18 11:46	110.984096	Other	NA	Electronic	1.26679	1.26716
GBPCHFmicro	22-08-18	13:32-15:30			1.26901	22-08-18 13:35	11.0984096	Other	NA	Electronic	1.26901	1.26939
GBPCHFmicro	22-08-18	15:32-17:30			1.26945	22-08-18 15:52	11.0984096	Other	NA	Electronic	1.26945	1.26981
GBPCHFmicro	23-08-18	09:32-11:30			1.26513	23-08-18 09:33	221.968192	Other	NA	Electronic	1.26513	1.26548
GBPCHFmicro	23-08-18	11:32-13:30			1.26733	23-08-18 11:34	221.968192	Other	NA	Electronic	1.26696	1.26733
GBPCHFmicro	23-08-18	13:32-15:30			1.26658	23-08-18 13:39	221.968192	Other	NA	Electronic	1.26623	1.26658
GBPCHFmicro	23-08-18	15:30-15:32	1.26315	110.984096								
GBPCHFmicro	24-08-18	09:30-09:32	1.26101	122.0825056								
GBPCHFmicro	24-08-18	11:32-13:30			1.26491	24-08-18 11:32	110.984096	Other	NA	Electronic	1.26454	1.26491
GBPCHFmicro	24-08-18	13:32-15:30			1.26328	24-08-18 13:56	1109.84096	Other	NA	Electronic	1.26328	1.26364
GBPCHFmicro	24-08-18	15:30-15:32	1.26329	110.984096								
GBPCHFmicro	27-08-18	09:32-11:30			1.26258	27-08-18 09:42	110.984096	Other	NA	Electronic	1.26222	1.26258
GBPCHFmicro	27-08-18	11:32-13:30			1.26353	27-08-18 11:36	332.9522879	Other	NA	Electronic	1.26353	1.2639

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GBPCHFmicro	27-08-18	13:32-15:30			1.26511	27-08-18 13:34	55.49204799	Other	NA	Electronic	1.26477	1.26511
GBPCHFmicro	27-08-18	15:32-17:30			1.26357	27-08-18 15:38	110.984096	Other	NA	Electronic	1.26322	1.26357
GBPCHFmicro	28-08-18	09:32-11:30			1.26057	28-08-18 09:43	332.9522879	Other	NA	Electronic	1.26019	1.26057
GBPCHFmicro	28-08-18	11:32-13:30			1.26005	28-08-18 11:36	166.476144	Other	NA	Electronic	1.25968	1.26004
GBPCHFmicro	28-08-18	13:32-15:30			1.26014	28-08-18 13:41	1143.136189	Other	NA	Electronic	1.2598	1.26014
GBPCHFmicro	28-08-18	15:32-17:30			1.2569	28-08-18 15:33	221.968192	Other	NA	Electronic	1.2569	1.25726
GBPCHFmicro	29-08-18	09:30-09:32	1.25814	443.9363839								
GBPCHFmicro	29-08-18	11:32-13:30			1.25899	29-08-18 11:37	110.984096	Other	NA	Electronic	1.25862	1.25899
GBPCHFmicro	29-08-18	13:30-13:32	1.25427	2519.338979								
GBPCHFmicro	29-08-18	15:32-17:30			1.26545	29-08-18 15:32	210.8697824	Other	NA	Electronic	1.26545	1.2658
GBPCHFmicro	30-08-18	09:32-11:30			1.26271	30-08-18 09:36	221.968192	Other	NA	Electronic	1.26235	1.26271
GBPCHFmicro	30-08-18	11:32-13:30			1.26296	30-08-18 12:14	11.0984096	Other	NA	Electronic	1.26296	1.26335
GBPCHFmicro	30-08-18	13:32-15:30			1.26171	30-08-18 13:34	11.0984096	Other	NA	Electronic	1.26134	1.26171
GBPCHFmicro	30-08-18	15:30-15:32	1.26176	24416.50112								
GBPCHFmicro	31-08-18	09:30-09:32	1.25829	11098.4096								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	31-08-18	11:32-13:30			1.2553	31-08-18 11:36	554.9204799	Other	NA	Electronic	1.25491	1.2553
GBPCHFmicro	31-08-18	13:32-15:30			1.25636	31-08-18 13:36	11.0984096	Other	NA	Electronic	1.25601	1.25636
GBPCHFmicro	31-08-18	15:30-15:32	1.25884	22.1968192								
GBPCHFmicro	03-09-18	09:32-11:30			1.2498	03-09-18 09:33	33.29522879	Other	NA	Electronic	1.24945	1.2498
GBPCHFmicro	03-09-18	11:32-13:30			1.24872	03-09-18 11:38	110.984096	Other	NA	Electronic	1.24836	1.24872
GBPCHFmicro	03-09-18	13:32-15:30			1.24774	03-09-18 13:35	11.0984096	Other	NA	Electronic	1.24774	1.24812
GBPCHFmicro	03-09-18	15:32-17:30			1.24842	03-09-18 15:32	16647.6144	Other	NA	Electronic	1.24841	1.24878
GBPCHFmicro	04-09-18	09:32-11:30			1.24874	04-09-18 09:46	11.0984096	Other	NA	Electronic	1.24874	1.24909
GBPCHFmicro	04-09-18	11:32-13:30			1.24908	04-09-18 11:34	110.984096	Other	NA	Electronic	1.24908	1.24944
GBPCHFmicro	04-09-18	13:32-15:30			1.25167	04-09-18 13:37	332.9522879	Other	NA	Electronic	1.25167	1.25203
GBPCHFmicro	04-09-18	15:32-17:30			1.25169	04-09-18 15:50	332.9522879	Other	NA	Electronic	1.25133	1.25169
GBPCHFmicro	05-09-18	09:32-11:30			1.24927	05-09-18 09:35	5549.204799	Other	NA	Electronic	1.24891	1.24927
GBPCHFmicro	05-09-18	11:32-13:30			1.24983	05-09-18 12:00	554.9204799	Other	NA	Electronic	1.24948	1.24983
GBPCHFmicro	05-09-18	13:32-15:30			1.26113	05-09-18 13:32	277.4602399	Other	NA	Electronic	1.26113	1.26151
GBPCHFmicro	05-09-18	15:32-17:30			1.25235	05-09-18 15:33	1109.84096	Other	NA	Electronic	1.25198	1.25235

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	06-09-18	09:32-11:30			1.25532	06-09-18 09:50	44.39363839	Other	NA	Electronic	1.2553	1.25568
GBPCHFmicro	06-09-18	11:30-11:32	1.25396	11.0984096								
GBPCHFmicro	06-09-18	13:30-13:32	1.25267	11.0984096								
GBPCHFmicro	06-09-18	15:32-17:30			1.2525	06-09-18 15:43	16647.6144	Other	NA	Electronic	1.25212	1.2525
GBPCHFmicro	07-09-18	09:32-11:30			1.24875	07-09-18 09:32	110.984096	Other	NA	Electronic	1.24839	1.24875
GBPCHFmicro	07-09-18	11:30-11:32	1.25481	221.968192								
GBPCHFmicro	07-09-18	13:32-15:30			1.25272	07-09-18 13:44	22.1968192	Other	NA	Electronic	1.25236	1.25272
GBPCHFmicro	07-09-18	15:32-17:30			1.25295	07-09-18 15:33	1065.447321	Other	NA	Electronic	1.25295	1.25334
GBPCHFmicro	10-09-18	09:30-09:32	1.25909	55.49204799								
GBPCHFmicro	10-09-18	11:30-11:32	1.2593	554.9204799								
GBPCHFmicro	10-09-18	13:30-13:32	1.26884	277.4602399								
GBPCHFmicro	10-09-18	15:30-15:32	1.2682	2219.68192								
GBPCHFmicro	11-09-18	09:32-11:30			1.27016	11-09-18 09:37	110.984096	Other	NA	Electronic	1.26979	1.27016
GBPCHFmicro	11-09-18	11:32-13:30			1.26693	11-09-18 11:35	110.984096	Other	NA	Electronic	1.26693	1.26728
GBPCHFmicro	11-09-18	13:32-15:30			1.26482	11-09-18 13:35	2219.68192	Other	NA	Electronic	1.26482	1.2652

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	11-09-18	15:30-15:32	1.26627	1897.828041								
GBPCHFmicro	12-09-18	09:30-09:32	1.26812	332.9522879								
GBPCHFmicro	12-09-18	11:32-13:30			1.26527	12-09-18 11:47	554.9204799	Other	NA	Electronic	1.26491	1.26527
GBPCHFmicro	12-09-18	13:32-15:30			1.26553	12-09-18 13:37	110.984096	Other	NA	Electronic	1.26515	1.26553
GBPCHFmicro	12-09-18	15:32-17:30			1.26529	12-09-18 15:44	221.968192	Other	NA	Electronic	1.26493	1.26529
GBPCHFmicro	13-09-18	09:32-11:30			1.26668	13-09-18 09:37	366.2475167	Other	NA	Electronic	1.26632	1.26668
GBPCHFmicro	13-09-18	11:32-13:30			1.26452	13-09-18 11:49	399.5427455	Other	NA	Electronic	1.26452	1.26488
GBPCHFmicro	13-09-18	13:32-15:30			1.2668	13-09-18 13:35	5549.204799	Other	NA	Electronic	1.26643	1.2668
GBPCHFmicro	13-09-18	15:32-17:30			1.2682	13-09-18 15:35	155.3777344	Other	NA	Electronic	1.26785	1.2682
GBPCHFmicro	14-09-18	09:32-11:30			1.26414	14-09-18 09:44	776.8886719	Other	NA	Electronic	1.26414	1.26451
GBPCHFmicro	14-09-18	11:32-13:30			1.26435	14-09-18 11:36	11.0984096	Other	NA	Electronic	1.26396	1.26435
GBPCHFmicro	14-09-18	13:30-13:32	1.26632	3329.522879								
GBPCHFmicro	14-09-18	15:32-17:30			1.26494	14-09-18 15:38	11.0984096	Other	NA	Electronic	1.26458	1.26494
GBPCHFmicro	17-09-18	09:32-11:30			1.26497	17-09-18 09:58	110.984096	Other	NA	Electronic	1.26459	1.26497
GBPCHFmicro	17-09-18	11:30-11:32	1.26357	110.984096								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	17-09-18	13:32-15:30			1.26565	17-09-18 13:32	221.968192	Other	NA	Electronic	1.26565	1.26602
GBPCHFmicro	17-09-18	15:30-15:32	1.2647	110.984096								
GBPCHFmicro	18-09-18	09:30-09:32	1.26097	2841.192857								
GBPCHFmicro	18-09-18	11:32-13:30			1.26373	18-09-18 12:11	1009.955273	Other	NA	Electronic	1.26373	1.26409
GBPCHFmicro	18-09-18	13:32-15:30			1.26408	18-09-18 13:34	110.984096	Other	NA	Electronic	1.26372	1.26408
GBPCHFmicro	18-09-18	15:30-15:32	1.26499	77.68886719								
GBPCHFmicro	19-09-18	09:30-09:32	1.27353	221.968192								
GBPCHFmicro	19-09-18	11:30-11:32	1.2725	5893.255496								
GBPCHFmicro	19-09-18	13:30-13:32	1.27343	1109.84096								
GBPCHFmicro	19-09-18	15:32-17:30			1.27293	19-09-18 15:38	2219.68192	Other	NA	Electronic	1.27257	1.27293
GBPCHFmicro	20-09-18	09:30-09:32	1.27638	1109.84096								
GBPCHFmicro	20-09-18	11:30-11:32	1.27905	2497.14216								
GBPCHFmicro	20-09-18	13:30-13:32	1.27587	843.4791294								
GBPCHFmicro	20-09-18	15:30-15:32	1.27286	11.0984096								
GBPCHFmicro	21-09-18	09:30-09:32	1.26119	732.4950335								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	21-09-18	11:32-13:30			1.2603	21-09-18 11:46	1675.859849	Other	NA	Electronic	1.2603	1.26067
GBPCHFmicro	21-09-18	13:30-13:32	1.25238	44.39363839								
GBPCHFmicro	21-09-18	15:30-15:32	1.25463	110.984096								
GBPCHFmicro	24-09-18	09:32-11:30			1.25863	24-09-18 09:53	554.9204799	Other	NA	Electronic	1.25824	1.25863
GBPCHFmicro	24-09-18	11:30-11:32	1.26048	1664.76144								
GBPCHFmicro	24-09-18	13:32-15:30			1.26143	24-09-18 13:32	110.984096	Other	NA	Electronic	1.26107	1.26143
GBPCHFmicro	24-09-18	15:30-15:32	1.26316	77.68886719								
GBPCHFmicro	25-09-18	09:32-11:30			1.27112	25-09-18 09:35	16647.6144	Other	NA	Electronic	1.27075	1.27112
GBPCHFmicro	25-09-18	11:32-13:30			1.27104	25-09-18 11:48	122.0825056	Other	NA	Electronic	1.27104	1.27141
GBPCHFmicro	25-09-18	13:30-13:32	1.26948	5826.665039								
GBPCHFmicro	25-09-18	15:32-17:30			1.2696	25-09-18 15:33	55.49204799	Other	NA	Electronic	1.26924	1.2696
GBPCHFmicro	26-09-18	09:32-11:30			1.27186	26-09-18 09:37	110.984096	Other	NA	Electronic	1.2715	1.27187
GBPCHFmicro	26-09-18	11:32-13:30			1.27314	26-09-18 11:33	4439.363839	Other	NA	Electronic	1.27278	1.27314
GBPCHFmicro	26-09-18	13:30-13:32	1.27532	2219.68192								
GBPCHFmicro	26-09-18	15:30-15:32	1.27601	554.9204799								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPCHFmicro	27-09-18	09:30-09:32	1.27089	110.984096								
GBPCHFmicro	27-09-18	11:30-11:32	1.27575	11.0984096								
GBPCHFmicro	27-09-18	13:30-13:32	1.27896	110.984096								
GBPCHFmicro	27-09-18	15:32-17:30			1.28098	27-09-18 15:38	332.9522879	Other	NA	Electronic	1.28063	1.28098
GBPCHFmicro	28-09-18	09:30-09:32	1.27482	610.4125279								
GBPCHFmicro	28-09-18	11:32-13:30			1.27461	28-09-18 11:36	110.984096	Other	NA	Electronic	1.27424	1.27461
GBPCHFmicro	28-09-18	13:32-15:30			1.27167	28-09-18 13:33	22751.73968	Other	NA	Electronic	1.27167	1.27205
GBPCHFmicro	28-09-18	15:30-15:32	1.27374	110.984096								
GBPDKK	03-07-18	09:32-11:30			8.43544	03-07-18 10:43	1109.84096	Other	NA	Electronic	8.43541	8.43991
GBPDKK	04-07-18	11:32-13:30			8.4547	04-07-18 12:31	2219.68192	Other	NA	Electronic	8.44972	8.4547
GBPDKK	04-07-18	13:32-15:30			8.45534	04-07-18 15:18	2219.68192	Other	NA	Electronic	8.45534	8.46032
GBPDKK	05-07-18	09:32-11:30			8.44243	05-07-18 10:32	11098.4096	Other	NA	Electronic	8.44243	8.44732
GBPDKK	05-07-18	11:32-13:30			8.43988	05-07-18 11:44	11098.4096	Other	NA	Electronic	8.43511	8.43988
GBPDKK	05-07-18	13:32-15:30			8.42187	05-07-18 14:02	55492.04799	Other	NA	Electronic	8.41741	8.42202
GBPDKK	06-07-18	11:32-13:30			8.41019	06-07-18 12:35	33295.22879	Other	NA	Electronic	8.41019	8.41524

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPDKK	06-07-18	13:32-15:30			8.42093	06-07-18 15:14	33295.22879	Other	NA	Electronic	8.416	8.42093
GBPDKK	09-07-18	09:32-11:30			8.44475	09-07-18 09:38	1109.84096	Other	NA	Electronic	8.44013	8.44469
GBPDKK	10-07-18	11:32-13:30			8.44184	10-07-18 13:01	1109.84096	Other	NA	Electronic	8.44184	8.44679
GBPDKK	10-07-18	15:32-17:30			8.4225	10-07-18 16:05	11098.4096	Other	NA	Electronic	8.4225	8.42701
GBPDKK	11-07-18	15:32-17:30			8.41404	11-07-18 16:09	1109.84096	Other	NA	Electronic	8.41404	8.4188
GBPDKK	13-07-18	09:32-11:30			8.42063	13-07-18 09:38	1109.84096	Other	NA	Electronic	8.41597	8.42063
GBPDKK	13-07-18	11:32-13:30			8.42032	13-07-18 13:00	2219.68192	Other	NA	Electronic	8.42024	8.42511
GBPDKK	13-07-18	13:32-15:30			8.43656	13-07-18 15:00	2219.68192	Other	NA	Electronic	8.4317	8.43656
GBPDKK	16-07-18	13:32-15:30			8.43643	16-07-18 14:06	2219.68192	Other	NA	Electronic	8.4365	8.44135
GBPDKK	17-07-18	09:32-11:30			8.4051	17-07-18 11:15	1109.84096	Other	NA	Electronic	8.40487	8.40974
GBPDKK	17-07-18	11:32-13:30			8.4079	17-07-18 11:54	11098.4096	Other	NA	Electronic	8.40308	8.4079
GBPDKK	17-07-18	13:30-13:32	8.38697	2219.68192								
GBPDKK	17-07-18	15:32-17:30			8.40314	17-07-18 15:32	1109.84096	Other	NA	Electronic	8.39837	8.40314
GBPDKK	18-07-18	13:32-15:30			8.35575	18-07-18 14:04	1109.84096	Other	NA	Electronic	8.35094	8.35575
GBPDKK	19-07-18	11:32-13:30			8.34915	19-07-18 11:35	1109.84096	Other	NA	Electronic	8.34915	8.35402

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPDKK	20-07-18	09:32-11:30			8.33311	20-07-18 10:33	2219.68192	Other	NA	Electronic	8.33302	8.33763
GBPDKK	20-07-18	13:32-15:30			8.3446	20-07-18 14:35	2219.68192	Other	NA	Electronic	8.33978	8.3446
GBPDKK	20-07-18	15:32-17:30			8.34814	20-07-18 16:17	1109.84096	Other	NA	Electronic	8.34337	8.34814
GBPDKK	23-07-18	09:32-11:30			8.35576	23-07-18 09:47	1109.84096	Other	NA	Electronic	8.35576	8.36053
GBPDKK	23-07-18	13:32-15:30			8.34703	23-07-18 14:02	1109.84096	Other	NA	Electronic	8.34703	8.35189
GBPDKK	24-07-18	11:32-13:30			8.35999	24-07-18 13:23	1109.84096	Other	NA	Electronic	8.35527	8.35999
GBPDKK	24-07-18	13:32-15:30			8.3634	24-07-18 14:18	1109.84096	Other	NA	Electronic	8.3634	8.36809
GBPDKK	24-07-18	15:32-17:30			8.3719	24-07-18 15:46	1109.84096	Other	NA	Electronic	8.37191	8.37652
GBPDKK	25-07-18	09:32-11:30			8.37853	25-07-18 09:52	1109.84096	Other	NA	Electronic	8.3737	8.37853
GBPDKK	25-07-18	11:32-13:30			8.38409	25-07-18 12:46	4439.363839	Other	NA	Electronic	8.38409	8.38886
GBPDKK	25-07-18	13:32-15:30			8.39205	25-07-18 14:57	4439.363839	Other	NA	Electronic	8.38724	8.39205
GBPDKK	26-07-18	09:32-11:30			8.38803	26-07-18 10:00	1109.84096	Other	NA	Electronic	8.38803	8.39266
GBPDKK	26-07-18	15:32-17:30			8.39746	26-07-18 15:33	1109.84096	Other	NA	Electronic	8.39746	8.40231
GBPDKK	30-07-18	09:32-11:30			8.36694	30-07-18 09:43	27746.02399	Other	NA	Electronic	8.36217	8.36694
GBPDKK	30-07-18	13:32-15:30			8.35939	30-07-18 13:45	2219.68192	Other	NA	Electronic	8.35464	8.35933

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPDKK	31-07-18	13:32-15:30			8.34408	31-07-18 15:18	11098.4096	Other	NA	Electronic	8.34408	8.34832
GBPDKK	31-07-18	15:32-17:30			8.36008	31-07-18 16:12	5549.204799	Other	NA	Electronic	8.35534	8.36008
GBPDKK	01-08-18	09:32-11:30			8.36698	01-08-18 10:20	1109.84096	Other	NA	Electronic	8.36248	8.36698
GBPDKK	02-08-18	09:32-11:30			8.39238	02-08-18 09:43	2219.68192	Other	NA	Electronic	8.38788	8.39238
GBPDKK	02-08-18	11:32-13:30			8.38583	02-08-18 11:46	33295.22879	Other	NA	Electronic	8.38039	8.38583
GBPDKK	03-08-18	15:32-17:30			8.37076	03-08-18 16:38	1109.84096	Other	NA	Electronic	8.37076	8.37549
GBPDKK	06-08-18	09:32-11:30			8.36234	06-08-18 10:51	11098.4096	Other	NA	Electronic	8.35768	8.36234
GBPDKK	06-08-18	11:32-13:30			8.34928	06-08-18 12:34	1109.84096	Other	NA	Electronic	8.34462	8.34928
GBPDKK	08-08-18	09:32-11:30			8.28209	08-08-18 10:25	11098.4096	Other	NA	Electronic	8.28209	8.28633
GBPDKK	08-08-18	13:32-15:30			8.28072	08-08-18 15:28	24416.50112	Other	NA	Electronic	8.27601	8.28072
GBPDKK	09-08-18	09:32-11:30			8.29036	09-08-18 10:59	1109.84096	Other	NA	Electronic	8.28606	8.29036
GBPDKK	09-08-18	11:32-13:30			8.29537	09-08-18 12:28	1109.84096	Other	NA	Electronic	8.29506	8.29968
GBPDKK	13-08-18	09:32-11:30			8.34308	13-08-18 10:25	16647.6144	Other	NA	Electronic	8.34308	8.34781
GBPDKK	15-08-18	11:32-13:30			8.35558	15-08-18 13:08	1109.84096	Other	NA	Electronic	8.35558	8.36026
GBPDKK	15-08-18	13:32-15:30			8.36236	15-08-18 14:00	1109.84096	Other	NA	Electronic	8.35739	8.36236

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPDKK	15-08-18	15:32-17:30			8.34835	15-08-18 16:37	1109.84096	Other	NA	Electronic	8.34371	8.34835
GBPDKK	16-08-18	09:32-11:30			8.33194	16-08-18 11:23	9988.568638	Other	NA	Electronic	8.32721	8.33194
GBPDKK	16-08-18	11:32-13:30			8.32245	16-08-18 12:37	11098.4096	Other	NA	Electronic	8.32245	8.32709
GBPDKK	21-08-18	11:32-13:30			8.32008	21-08-18 13:15	1109.84096	Other	NA	Electronic	8.32008	8.32467
GBPDKK	23-08-18	15:32-17:30			8.27552	23-08-18 16:42	1109.84096	Other	NA	Electronic	8.27088	8.27552
GBPDKK	24-08-18	13:32-15:30			8.25805	24-08-18 14:52	4439.363839	Other	NA	Electronic	8.25335	8.25805
GBPDKK	24-08-18	15:32-17:30			8.2536	24-08-18 16:06	5549.204799	Other	NA	Electronic	8.2493	8.2536
GBPDKK	27-08-18	15:32-17:30			8.23091	27-08-18 16:42	1109.84096	Other	NA	Electronic	8.22654	8.23091
GBPDKK	28-08-18	13:32-15:30			8.20792	28-08-18 14:17	1109.84096	Other	NA	Electronic	8.20792	8.21348
GBPDKK	29-08-18	13:32-15:30			8.22464	29-08-18 13:36	5549.204799	Other	NA	Electronic	8.22464	8.22919
GBPDKK	31-08-18	09:32-11:30			8.31935	31-08-18 11:18	1109.84096	Other	NA	Electronic	8.31474	8.31935
GBPDKK	04-09-18	11:32-13:30			8.28791	04-09-18 13:12	2219.68192	Other	NA	Electronic	8.28332	8.28793
GBPDKK	05-09-18	09:32-11:30			8.23917	05-09-18 09:57	16647.6144	Other	NA	Electronic	8.23917	8.24406
GBPDKK	05-09-18	11:32-13:30			8.24945	05-09-18 11:35	3329.522879	Other	NA	Electronic	8.24522	8.24945
GBPDKK	05-09-18	15:32-17:30			8.28142	05-09-18 15:57	3329.522879	Other	NA	Electronic	8.27686	8.28142

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPDKK	06-09-18	09:32-11:30			8.29778	06-09-18 10:41	1109.84096	Other	NA	Electronic	8.29778	8.30238
GBPDKK	07-09-18	09:32-11:30			8.27993	07-09-18 09:43	1109.84096	Other	NA	Electronic	8.27993	8.28453
GBPDKK	07-09-18	11:32-13:30			8.35341	07-09-18 12:17	3329.522879	Other	NA	Electronic	8.35341	8.35812
GBPDKK	07-09-18	13:32-15:30			8.34918	07-09-18 13:41	1109.84096	Other	NA	Electronic	8.34466	8.34918
GBPDKK	10-09-18	09:32-11:30			8.34024	10-09-18 09:43	11098.4096	Other	NA	Electronic	8.33558	8.34024
GBPDKK	10-09-18	11:32-13:30			8.35853	10-09-18 12:53	1109.84096	Other	NA	Electronic	8.35278	8.35853
GBPDKK	10-09-18	13:32-15:30			8.37051	10-09-18 13:40	11098.4096	Other	NA	Electronic	8.36584	8.37051
GBPDKK	10-09-18	15:32-17:30			8.37999	10-09-18 17:10	2219.68192	Other	NA	Electronic	8.3751	8.37999
GBPDKK	11-09-18	09:32-11:30			8.38412	11-09-18 10:03	11098.4096	Other	NA	Electronic	8.38412	8.38876
GBPDKK	11-09-18	11:32-13:30			8.40221	11-09-18 12:15	11098.4096	Other	NA	Electronic	8.39533	8.40221
GBPDKK	12-09-18	11:30-11:32	8.36398	1109.84096								
GBPDKK	12-09-18	13:32-15:30			8.36165	12-09-18 14:08	1109.84096	Other	NA	Electronic	8.35684	8.36165
GBPDKK	12-09-18	15:32-17:30			8.35655	12-09-18 15:53	1109.84096	Other	NA	Electronic	8.35655	8.36079
GBPDKK	14-09-18	09:32-11:30			8.36998	14-09-18 10:42	1109.84096	Other	NA	Electronic	8.36532	8.36998
GBPDKK	17-09-18	11:32-13:30			8.38796	17-09-18 12:07	1109.84096	Other	NA	Electronic	8.38819	8.39275

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GBPDKK	18-09-18	11:32-13:30			8.38229	18-09-18 12:06	1109.84096	Other	NA	Electronic	8.3776	8.38229
GBPDKK	19-09-18	13:32-15:30			8.40788	19-09-18 14:50	1109.84096	Other	NA	Electronic	8.40333	8.40788
GBPDKK	21-09-18	09:32-11:30			8.35168	21-09-18 09:35	3329.522879	Other	NA	Electronic	8.35168	8.35625
GBPDKK	21-09-18	11:32-13:30			8.34566	21-09-18 12:05	3329.522879	Other	NA	Electronic	8.34077	8.34566
GBPDKK	21-09-18	13:32-15:30			8.30733	21-09-18 13:41	2219.68192	Other	NA	Electronic	8.30278	8.30733
GBPDKK	24-09-18	09:32-11:30			8.32184	24-09-18 10:06	1109.84096	Other	NA	Electronic	8.31716	8.32184
GBPDKK	24-09-18	11:32-13:30			8.33431	24-09-18 11:49	1109.84096	Other	NA	Electronic	8.32976	8.33431
GBPDKK	24-09-18	13:32-15:30			8.3159	24-09-18 13:33	13318.09152	Other	NA	Electronic	8.31136	8.3159
GBPDKK	24-09-18	15:32-17:30			8.32252	24-09-18 16:46	2219.68192	Other	NA	Electronic	8.31793	8.32252
GBPDKK	26-09-18	11:32-13:30			8.36269	26-09-18 12:01	3329.522879	Other	NA	Electronic	8.36269	8.36732
GBPDKK	26-09-18	13:32-15:30			8.36568	26-09-18 13:43	2219.68192	Other	NA	Electronic	8.36122	8.36568
GBPDKK	26-09-18	15:32-17:30			8.36825	26-09-18 16:17	5549.204799	Other	NA	Electronic	8.36402	8.36825
GBPDKK	27-09-18	11:32-13:30			8.37695	27-09-18 11:58	11098.4096	Other	NA	Electronic	8.37695	8.38151
GBPDKK	28-09-18	09:32-11:30			8.39791	28-09-18 10:13	1109.84096	Other	NA	Electronic	8.39304	8.39791
GBPDKK.	05-07-18	11:32-13:30			8.42634	05-07-18 13:16	5549.204799	Other	NA	Electronic	8.42621	8.4285

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GBPDKK.	19-07-18	13:32-15:30			8.34429	19-07-18 15:28	116533.3008	Other	NA	Electronic	8.34429	8.34616
GBPDKK.	02-08-18	09:32-11:30			8.41179	02-08-18 11:10	5549.204799	Other	NA	Electronic	8.41179	8.41367
GBPDKK.	02-08-18	11:32-13:30			8.40051	02-08-18 11:43	5549.204799	Other	NA	Electronic	8.39865	8.40051
GBPDKK.	02-08-18	13:32-15:30			8.3704	02-08-18 13:57	5549.204799	Other	NA	Electronic	8.3704	8.37218
GBPDKK.	06-08-18	09:32-11:30			8.35047	06-08-18 10:13	5549.204799	Other	NA	Electronic	8.35047	8.35192
GBPDKK.	06-08-18	15:32-17:30			8.34088	06-08-18 15:32	5549.204799	Other	NA	Electronic	8.33908	8.34088
GBPDKK.	07-08-18	09:32-11:30			8.32598	07-08-18 11:19	5549.204799	Other	NA	Electronic	8.32422	8.32598
GBPDKKmicro	02-07-18	09:32-11:30			8.41779	02-07-18 09:48	110.984096	Other	NA	Electronic	8.41786	8.42264
GBPDKKmicro	02-07-18	11:32-13:30			8.41286	02-07-18 11:48	554.9204799	Other	NA	Electronic	8.41286	8.41767
GBPDKKmicro	02-07-18	15:32-17:30			8.4321	02-07-18 15:51	110.984096	Other	NA	Electronic	8.42725	8.4321
GBPDKKmicro	03-07-18	09:32-11:30			8.42767	03-07-18 09:43	610.4125279	Other	NA	Electronic	8.42767	8.4325
GBPDKKmicro	03-07-18	11:32-13:30			8.43483	03-07-18 12:11	155.3777344	Other	NA	Electronic	8.43002	8.43483
GBPDKKmicro	03-07-18	13:32-15:30			8.41918	03-07-18 14:33	610.4125279	Other	NA	Electronic	8.41437	8.41918
GBPDKKmicro	03-07-18	15:32-17:30			8.42626	03-07-18 16:38	110.984096	Other	NA	Electronic	8.42145	8.42626
GBPDKKmicro	04-07-18	09:32-11:30			8.45602	04-07-18 09:44	110.984096	Other	NA	Electronic	8.45602	8.46097



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GBPDKKmicro	04-07-18	13:32-15:30			8.45343	04-07-18 14:12	110.984096	Other	NA	Electronic	8.45343	8.45825
GBPDKKmicro	04-07-18	15:32-17:30			8.44336	04-07-18 16:52	610.4125279	Other	NA	Electronic	8.43862	8.44351
GBPDKKmicro	05-07-18	09:32-11:30			8.44248	05-07-18 09:46	677.0029855	Other	NA	Electronic	8.44248	8.44744
GBPDKKmicro	05-07-18	11:32-13:30			8.43412	05-07-18 13:15	677.0029855	Other	NA	Electronic	8.4289	8.43412
GBPDKKmicro	05-07-18	13:32-15:30			8.41918	05-07-18 13:41	665.9045759	Other	NA	Electronic	8.41444	8.41918
GBPDKKmicro	06-07-18	09:32-11:30			8.42156	06-07-18 10:29	665.9045759	Other	NA	Electronic	8.41668	8.42156
GBPDKKmicro	06-07-18	11:32-13:30			8.41913	06-07-18 11:38	110.984096	Other	NA	Electronic	8.41442	8.41913
GBPDKKmicro	06-07-18	13:32-15:30			8.41198	06-07-18 13:34	665.9045759	Other	NA	Electronic	8.40729	8.41203
GBPDKKmicro	09-07-18	09:32-11:30			8.44178	09-07-18 10:33	110.984096	Other	NA	Electronic	8.44178	8.44656
GBPDKKmicro	09-07-18	13:32-15:30			8.4068	09-07-18 15:24	332.9522879	Other	NA	Electronic	8.40207	8.4068
GBPDKKmicro	09-07-18	15:32-17:30			8.40068	09-07-18 15:44	443.9363839	Other	NA	Electronic	8.39589	8.40068
GBPDKKmicro	10-07-18	11:32-13:30			8.43344	10-07-18 12:05	110.984096	Other	NA	Electronic	8.43344	8.43827
GBPDKKmicro	10-07-18	13:32-15:30			8.44178	10-07-18 13:37	499.4284319	Other	NA	Electronic	8.44178	8.44658
GBPDKKmicro	10-07-18	15:32-17:30			8.43361	10-07-18 15:43	1109.84096	Other	NA	Electronic	8.43361	8.43847
GBPDKKmicro	11-07-18	09:32-11:30			8.42643	11-07-18 10:28	499.4284319	Other	NA	Electronic	8.42176	8.42654

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GBPDKKmicro	11-07-18	11:32-13:30			8.41976	11-07-18 13:09	277.4602399	Other	NA	Electronic	8.41523	8.41976
GBPDKKmicro	11-07-18	15:32-17:30			8.41622	11-07-18 16:14	11098.4096	Other	NA	Electronic	8.41622	8.42099
GBPDKKmicro	12-07-18	11:32-13:30			8.43902	12-07-18 11:52	110.984096	Other	NA	Electronic	8.43894	8.44381
GBPDKKmicro	12-07-18	15:32-17:30			8.43686	12-07-18 16:11	110.984096	Other	NA	Electronic	8.43686	8.44179
GBPDKKmicro	13-07-18	13:32-15:30			8.43687	13-07-18 14:52	110.984096	Other	NA	Electronic	8.43687	8.44146
GBPDKKmicro	13-07-18	15:32-17:30			8.43581	13-07-18 16:51	110.984096	Other	NA	Electronic	8.43581	8.44052
GBPDKKmicro	16-07-18	09:32-11:30			8.44834	16-07-18 09:54	554.9204799	Other	NA	Electronic	8.44828	8.4531
GBPDKKmicro	16-07-18	11:32-13:30			8.44065	16-07-18 12:59	110.984096	Other	NA	Electronic	8.43572	8.44065
GBPDKKmicro	16-07-18	13:32-15:30			8.44282	16-07-18 13:51	1109.84096	Other	NA	Electronic	8.43805	8.44282
GBPDKKmicro	16-07-18	15:32-17:30			8.42766	16-07-18 16:15	554.9204799	Other	NA	Electronic	8.42315	8.42766
GBPDKKmicro	17-07-18	09:32-11:30			8.41037	17-07-18 11:15	499.4284319	Other	NA	Electronic	8.40551	8.41023
GBPDKKmicro	17-07-18	11:32-13:30			8.40209	17-07-18 12:01	443.9363839	Other	NA	Electronic	8.39717	8.40212
GBPDKKmicro	17-07-18	13:32-15:30			8.39587	17-07-18 14:17	11.0984096	Other	NA	Electronic	8.39105	8.39587
GBPDKKmicro	17-07-18	15:32-17:30			8.40879	17-07-18 16:00	665.9045759	Other	NA	Electronic	8.40879	8.41331
GBPDKKmicro	18-07-18	13:32-15:30			8.34876	18-07-18 14:28	33.29522879	Other	NA	Electronic	8.34876	8.35325

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GBPDKKmicro	19-07-18	13:32-15:30			8.34721	19-07-18 15:20	133.1809152	Other	NA	Electronic	8.34253	8.34721
GBPDKKmicro	19-07-18	15:32-17:30			8.34119	19-07-18 16:32	133.1809152	Other	NA	Electronic	8.3365	8.34119
GBPDKKmicro	20-07-18	09:32-11:30			8.33553	20-07-18 10:47	221.968192	Other	NA	Electronic	8.33553	8.3403
GBPDKKmicro	20-07-18	15:32-17:30			8.34187	20-07-18 15:36	110.984096	Other	NA	Electronic	8.34191	8.34646
GBPDKKmicro	23-07-18	09:32-11:30			8.36003	23-07-18 10:30	754.6918527	Other	NA	Electronic	8.36003	8.36477
GBPDKKmicro	23-07-18	11:30-11:32	8.35454	133.1809152								
GBPDKKmicro	24-07-18	13:32-15:30			8.37125	24-07-18 15:04	110.984096	Other	NA	Electronic	8.36654	8.37131
GBPDKKmicro	24-07-18	15:32-17:30			8.37422	24-07-18 15:37	110.984096	Other	NA	Electronic	8.37422	8.37882
GBPDKKmicro	25-07-18	11:32-13:30			8.37973	25-07-18 13:03	11.0984096	Other	NA	Electronic	8.37973	8.38457
GBPDKKmicro	25-07-18	13:32-15:30			8.39432	25-07-18 14:57	55.49204799	Other	NA	Electronic	8.38936	8.39425
GBPDKKmicro	26-07-18	11:32-13:30			8.38332	26-07-18 12:32	110.984096	Other	NA	Electronic	8.37861	8.38332
GBPDKKmicro	27-07-18	11:32-13:30			8.38003	27-07-18 12:30	110.984096	Other	NA	Electronic	8.38003	8.38652
GBPDKKmicro	27-07-18	13:32-15:30			8.37883	27-07-18 14:21	110.984096	Other	NA	Electronic	8.37883	8.38377
GBPDKKmicro	27-07-18	15:32-17:30			8.38222	27-07-18 16:34	55.49204799	Other	NA	Electronic	8.37769	8.38214
GBPDKKmicro	30-07-18	09:32-11:30			8.3705	30-07-18 10:08	610.4125279	Other	NA	Electronic	8.36576	8.3705

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GBPDKKmicro	30-07-18	11:32-13:30			8.36338	30-07-18 11:38	11.0984096	Other	NA	Electronic	8.35856	8.36338
GBPDKKmicro	30-07-18	13:32-15:30			8.36137	30-07-18 14:57	244.1650112	Other	NA	Electronic	8.36137	8.36598
GBPDKKmicro	30-07-18	15:32-17:30			8.35491	30-07-18 15:55	554.9204799	Other	NA	Electronic	8.35024	8.35497
GBPDKKmicro	31-07-18	11:32-13:30			8.34667	31-07-18 12:33	554.9204799	Other	NA	Electronic	8.34673	8.35142
GBPDKKmicro	01-08-18	09:32-11:30			8.36423	01-08-18 09:43	11.0984096	Other	NA	Electronic	8.36423	8.36848
GBPDKKmicro	01-08-18	11:32-13:30			8.37192	01-08-18 12:16	110.984096	Other	NA	Electronic	8.36755	8.37192
GBPDKKmicro	01-08-18	13:32-15:30			8.37585	01-08-18 15:20	11.0984096	Other	NA	Electronic	8.37585	8.38043
GBPDKKmicro	01-08-18	15:32-17:30			8.38014	01-08-18 16:11	610.4125279	Other	NA	Electronic	8.38014	8.38475
GBPDKKmicro	02-08-18	09:32-11:30			8.38579	02-08-18 09:52	221.968192	Other	NA	Electronic	8.38579	8.39041
GBPDKKmicro	02-08-18	11:32-13:30			8.37059	02-08-18 11:54	610.4125279	Other	NA	Electronic	8.36586	8.37059
GBPDKKmicro	02-08-18	13:32-15:30			8.36605	02-08-18 13:48	665.9045759	Other	NA	Electronic	8.36605	8.3703
GBPDKKmicro	03-08-18	09:32-11:30			8.36986	03-08-18 09:57	554.9204799	Other	NA	Electronic	8.36986	8.3745
GBPDKKmicro	03-08-18	13:32-15:30			8.36308	03-08-18 14:33	554.9204799	Other	NA	Electronic	8.36308	8.36767
GBPDKKmicro	06-08-18	09:32-11:30			8.35345	06-08-18 10:06	554.9204799	Other	NA	Electronic	8.34881	8.35345
GBPDKKmicro	06-08-18	11:32-13:30			8.34812	06-08-18 11:49	1109.84096	Other	NA	Electronic	8.34812	8.35269

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GBPDKKmicro	06-08-18	13:32-15:30			8.3474	06-08-18 13:32	1109.84096	Other	NA	Electronic	8.34281	8.3474
GBPDKKmicro	07-08-18	09:32-11:30			8.32896	07-08-18 11:17	11.0984096	Other	NA	Electronic	8.32471	8.32896
GBPDKKmicro	07-08-18	11:30-11:32	8.33135	554.9204799								
GBPDKKmicro	07-08-18	13:32-15:30			8.31902	07-08-18 13:47	221.968192	Other	NA	Electronic	8.31477	8.31902
GBPDKKmicro	08-08-18	09:32-11:30			8.28321	08-08-18 10:26	221.968192	Other	NA	Electronic	8.27884	8.28321
GBPDKKmicro	08-08-18	11:32-13:30			8.27192	08-08-18 12:14	1109.84096	Other	NA	Electronic	8.27192	8.27611
GBPDKKmicro	08-08-18	15:32-17:30			8.27552	08-08-18 16:36	1109.84096	Other	NA	Electronic	8.27552	8.28017
GBPDKKmicro	09-08-18	09:32-11:30			8.29654	09-08-18 10:24	332.9522879	Other	NA	Electronic	8.29193	8.29654
GBPDKKmicro	09-08-18	11:32-13:30			8.29537	09-08-18 12:28	1109.84096	Other	NA	Electronic	8.29537	8.29999
GBPDKKmicro	09-08-18	15:32-17:30			8.29176	09-08-18 17:21	110.984096	Other	NA	Electronic	8.2872	8.29176
GBPDKKmicro	10-08-18	09:32-11:30			8.30112	10-08-18 10:25	110.984096	Other	NA	Electronic	8.30112	8.30577
GBPDKKmicro	10-08-18	11:32-13:30			8.30976	10-08-18 13:28	610.4125279	Other	NA	Electronic	8.30976	8.31474
GBPDKKmicro	10-08-18	13:30-13:32	8.30681	1120.939369								
GBPDKKmicro	14-08-18	09:32-11:30			8.35543	14-08-18 10:02	610.4125279	Other	NA	Electronic	8.35052	8.35529
GBPDKKmicro	14-08-18	13:32-15:30			8.36034	14-08-18 14:11	677.0029855	Other	NA	Electronic	8.36034	8.36498

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GBPDKKmicro	15-08-18	13:32-15:30			8.35674	15-08-18 13:58	22.1968192	Other	NA	Electronic	8.35674	8.36135
GBPDKKmicro	15-08-18	15:32-17:30			8.3535	15-08-18 16:17	665.9045759	Other	NA	Electronic	8.34878	8.3535
GBPDKKmicro	17-08-18	11:32-13:30			8.32243	17-08-18 13:21	1109.84096	Other	NA	Electronic	8.31779	8.32243
GBPDKKmicro	20-08-18	09:32-11:30			8.32489	20-08-18 09:50	388.4443359	Other	NA	Electronic	8.32489	8.32951
GBPDKKmicro	20-08-18	11:32-13:30			8.34035	20-08-18 11:42	110.984096	Other	NA	Electronic	8.33568	8.34035
GBPDKKmicro	20-08-18	15:30-15:32	8.32035	110.984096								
GBPDKKmicro	21-08-18	11:32-13:30			8.30602	21-08-18 11:32	5549.204799	Other	NA	Electronic	8.30602	8.31056
GBPDKKmicro	21-08-18	13:32-15:30			8.3278	21-08-18 14:01	554.9204799	Other	NA	Electronic	8.3278	8.33228
GBPDKKmicro	22-08-18	09:32-11:30			8.29337	22-08-18 10:12	665.9045759	Other	NA	Electronic	8.28874	8.29337
GBPDKKmicro	22-08-18	13:32-15:30			8.30729	22-08-18 14:34	665.9045759	Other	NA	Electronic	8.30729	8.31189
GBPDKKmicro	23-08-18	13:32-15:30			8.2826	23-08-18 14:02	610.4125279	Other	NA	Electronic	8.27802	8.2826
GBPDKKmicro	23-08-18	15:32-17:30			8.27482	23-08-18 15:37	1664.76144	Other	NA	Electronic	8.27019	8.27482
GBPDKKmicro	24-08-18	13:32-15:30			8.2591	24-08-18 14:32	665.9045759	Other	NA	Electronic	8.25479	8.2591
GBPDKKmicro	28-08-18	11:32-13:30			8.22042	28-08-18 12:10	221.968192	Other	NA	Electronic	8.22042	8.2248
GBPDKKmicro	28-08-18	13:32-15:30			8.21607	28-08-18 13:59	554.9204799	Other	NA	Electronic	8.21169	8.21607

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GBPDKKmicro	28-08-18	15:32-17:30			8.20214	28-08-18 17:28	721.3966239	Other	NA	Electronic	8.19722	8.20214
GBPDKKmicro	29-08-18	11:32-13:30			8.22422	29-08-18 13:23	110.984096	Other	NA	Electronic	8.22422	8.22883
GBPDKKmicro	29-08-18	13:32-15:30			8.27456	29-08-18 13:59	11.0984096	Other	NA	Electronic	8.26839	8.27535
GBPDKKmicro	30-08-18	11:32-13:30			8.31992	30-08-18 13:05	11.0984096	Other	NA	Electronic	8.31512	8.32003
GBPDKKmicro	30-08-18	13:32-15:30			8.3275	30-08-18 14:33	110.984096	Other	NA	Electronic	8.32277	8.3275
GBPDKKmicro	31-08-18	09:32-11:30			8.30898	31-08-18 09:40	110.984096	Other	NA	Electronic	8.30437	8.30898
GBPDKKmicro	03-09-18	13:32-15:30			8.26398	03-09-18 14:13	721.3966239	Other	NA	Electronic	8.25936	8.26398
GBPDKKmicro	04-09-18	11:32-13:30			8.27131	04-09-18 11:36	721.3966239	Other	NA	Electronic	8.27131	8.27596
GBPDKKmicro	04-09-18	15:32-17:30			8.26728	04-09-18 16:03	1109.84096	Other	NA	Electronic	8.26728	8.27197
GBPDKKmicro	05-09-18	11:32-13:30			8.2503	05-09-18 11:39	11.0984096	Other	NA	Electronic	8.2457	8.2503
GBPDKKmicro	05-09-18	13:32-15:30			8.31738	05-09-18 13:48	11.0984096	Other	NA	Electronic	8.31277	8.31738
GBPDKKmicro	05-09-18	15:32-17:30			8.28084	05-09-18 15:37	155.3777344	Other	NA	Electronic	8.27608	8.28084
GBPDKKmicro	06-09-18	09:32-11:30			8.29679	06-09-18 09:49	1109.84096	Other	NA	Electronic	8.29679	8.30186
GBPDKKmicro	06-09-18	11:32-13:30			8.29075	06-09-18 13:08	11.0984096	Other	NA	Electronic	8.29075	8.29498
GBPDKKmicro	06-09-18	15:32-17:30			8.30062	06-09-18 16:34	721.3966239	Other	NA	Electronic	8.30062	8.30522

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GBPDKKmicro	07-09-18	13:32-15:30			8.34797	07-09-18 14:20	721.3966239	Other	NA	Electronic	8.34797	8.35258
GBPDKKmicro	07-09-18	15:32-17:30			8.3298	07-09-18 15:51	110.984096	Other	NA	Electronic	8.3298	8.33456
GBPDKKmicro	10-09-18	09:32-11:30			8.32845	10-09-18 10:32	11.0984096	Other	NA	Electronic	8.32845	8.33272
GBPDKKmicro	10-09-18	13:32-15:30			8.36575	10-09-18 13:39	1054.348912	Other	NA	Electronic	8.36575	8.37088
GBPDKKmicro	11-09-18	11:32-13:30			8.39806	11-09-18 12:15	11.0984096	Other	NA	Electronic	8.38952	8.39806
GBPDKKmicro	11-09-18	13:32-15:30			8.36712	11-09-18 13:37	110.984096	Other	NA	Electronic	8.36238	8.36712
GBPDKKmicro	11-09-18	15:32-17:30			8.36833	11-09-18 15:41	721.3966239	Other	NA	Electronic	8.36375	8.36833
GBPDKKmicro	12-09-18	09:32-11:30			8.37918	12-09-18 10:23	2552.634208	Other	NA	Electronic	8.37918	8.38409
GBPDKKmicro	12-09-18	11:32-13:30			8.36781	12-09-18 13:11	554.9204799	Other	NA	Electronic	8.36781	8.37247
GBPDKKmicro	12-09-18	13:32-15:30			8.37037	12-09-18 13:36	110.984096	Other	NA	Electronic	8.36572	8.37037
GBPDKKmicro	13-09-18	13:32-15:30			8.37123	13-09-18 15:21	332.9522879	Other	NA	Electronic	8.36662	8.37123
GBPDKKmicro	17-09-18	09:32-11:30			8.37715	17-09-18 10:21	2663.618303	Other	NA	Electronic	8.37715	8.38138
GBPDKKmicro	17-09-18	15:32-17:30			8.39256	17-09-18 16:54	721.3966239	Other	NA	Electronic	8.39256	8.3968
GBPDKKmicro	18-09-18	11:32-13:30			8.37867	18-09-18 12:01	721.3966239	Other	NA	Electronic	8.37412	8.37864
GBPDKKmicro	18-09-18	13:32-15:30			8.38539	18-09-18 14:38	11.0984096	Other	NA	Electronic	8.38539	8.39



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GBPDKKmicro	19-09-18	09:32-11:30			8.37574	19-09-18 11:08	721.3966239	Other	NA	Electronic	8.36945	8.37574
GBPDKKmicro	19-09-18	11:32-13:30			8.39543	19-09-18 11:52	721.3966239	Other	NA	Electronic	8.39543	8.39988
GBPDKKmicro	19-09-18	15:32-17:30			8.40392	19-09-18 17:05	110.984096	Other	NA	Electronic	8.40392	8.40873
GBPDKKmicro	20-09-18	11:32-13:30			8.41712	20-09-18 12:07	421.7395647	Other	NA	Electronic	8.41712	8.42188
GBPDKKmicro	21-09-18	09:32-11:30			8.36199	21-09-18 10:49	1109.84096	Other	NA	Electronic	8.35728	8.36199
GBPDKKmicro	21-09-18	11:32-13:30			8.34826	21-09-18 12:05	665.9045759	Other	NA	Electronic	8.34344	8.34826
GBPDKKmicro	21-09-18	15:30-15:32	8.30702	110.984096								
GBPDKKmicro	24-09-18	11:32-13:30			8.34039	24-09-18 12:55	665.9045759	Other	NA	Electronic	8.34039	8.34498
GBPDKKmicro	24-09-18	13:32-15:30			8.31552	24-09-18 13:33	721.3966239	Other	NA	Electronic	8.31089	8.31552
GBPDKKmicro	25-09-18	09:32-11:30			8.33527	25-09-18 10:06	5560.303209	Other	NA	Electronic	8.33527	8.33988
GBPDKKmicro	25-09-18	13:30-13:32	8.32518	32218.68306								
GBPDKKmicro	26-09-18	09:32-11:30			8.34102	26-09-18 10:44	1220.825056	Other	NA	Electronic	8.34102	8.34558
GBPDKKmicro	26-09-18	11:32-13:30			8.36343	26-09-18 12:25	721.3966239	Other	NA	Electronic	8.36343	8.36767
GBPDKKmicro	27-09-18	09:32-11:30			8.35898	27-09-18 10:10	277.4602399	Other	NA	Electronic	8.35898	8.3636
GBPDKKmicro	27-09-18	11:32-13:30			8.38354	27-09-18 12:16	721.3966239	Other	NA	Electronic	8.38354	8.38888

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GBPDKKmicro	27-09-18	15:32-17:30			8.37337	27-09-18 17:07	1109.84096	Other	NA	Electronic	8.36846	8.37335
GBPDKKmicro	28-09-18	13:32-15:30			8.37572	28-09-18 13:37	1109.84096	Other	NA	Electronic	8.37572	8.38128
GBPDKKmicro	28-09-18	15:32-17:30			8.36716	28-09-18 15:45	110.984096	Other	NA	Electronic	8.36716	8.37194
GBPJPY	02-07-18	09:30-09:32	145.772	225297.7148								
GBPJPY	02-07-18	11:30-11:32	145.68933	51052.68415								
GBPJPY	02-07-18	13:30-13:32	145.25823	472792.2489								
GBPJPY	02-07-18	15:30-15:32	145.3955	277460.2399								
GBPJPY	03-07-18	09:30-09:32	146.20133	74359.34431								
GBPJPY	03-07-18	11:32-13:30			146.142	03-07-18 11:32	2219.68192	Other	NA	Electronic	146.142	146.175
GBPJPY	03-07-18	13:30-13:32	145.811	100995.5273								
GBPJPY	03-07-18	15:30-15:32	145.75382	199771.3728								
GBPJPY	04-07-18	09:30-09:32	145.9574	19977.13728								
GBPJPY	04-07-18	11:30-11:32	145.93	7768.886719								
GBPJPY	04-07-18	13:32-15:30			145.92	04-07-18 13:33	9988.568638	Other	NA	Electronic	145.92	145.958
GBPJPY	04-07-18	15:32-17:30			146.077	04-07-18 15:32	11098.4096	Other	NA	Electronic	146.077	146.115

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GBPJPY	05-07-18	09:30-09:32	146.401	5549.204799								
GBPJPY	05-07-18	11:30-11:32	146.64733	43283.79743								
GBPJPY	05-07-18	13:30-13:32	146.19273	281899.6038								
GBPJPY	05-07-18	15:30-15:32	146.2325	112093.9369								
GBPJPY	06-07-18	09:30-09:32	146.456	1109.84096								
GBPJPY	06-07-18	11:30-11:32	146.36633	23306.66016								
GBPJPY	06-07-18	13:30-13:32	146.65333	269691.3532								
GBPJPY	06-07-18	15:30-15:32	146.5905	29965.70591								
GBPJPY	09-07-18	09:30-09:32	147.32831	95446.32254								
GBPJPY	09-07-18	11:32-13:30			147.358	09-07-18 11:35	1109.84096	Other	NA	Electronic	147.324	147.358
GBPJPY	09-07-18	13:30-13:32	147.56578	104325.0502								
GBPJPY	09-07-18	15:30-15:32	146.685	3329.522879								
GBPJPY	10-07-18	09:30-09:32	147.31325	36624.75167								
GBPJPY	10-07-18	11:30-11:32	147.303	1109.84096								
GBPJPY	10-07-18	13:30-13:32	147.654	17757.45536								

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GBPJPY	10-07-18	15:30-15:32	147.655	24416.50112								
GBPJPY	11-07-18	09:30-09:32	147.34233	4439.363839								
GBPJPY	11-07-18	11:30-11:32	147.376	15537.77344								
GBPJPY	11-07-18	13:30-13:32	147.46725	57711.72991								
GBPJPY	11-07-18	15:30-15:32	147.6496	138730.12								
GBPJPY	12-07-18	09:30-09:32	148.60225	136510.4381								
GBPJPY	12-07-18	11:30-11:32	148.49267	9988.568638								
GBPJPY	12-07-18	13:30-13:32	148.725	3329.522879								
GBPJPY	12-07-18	15:30-15:32	148.70033	284119.2857								
GBPJPY	13-07-18	09:30-09:32	147.808	28855.86495								
GBPJPY	13-07-18	11:30-11:32	147.78825	31075.54687								
GBPJPY	13-07-18	13:30-13:32	148.14976	281899.6038								
GBPJPY	13-07-18	15:30-15:32	148.65444	385114.813								
GBPJPY	16-07-18	09:30-09:32	149.1115	84347.91294								
GBPJPY	16-07-18	11:30-11:32	149.20583	59931.41183								

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GBPJPY	16-07-18	13:30-13:32	149.04213	265251.9894								
GBPJPY	16-07-18	15:30-15:32	148.64183	68810.13951								
GBPJPY	17-07-18	09:30-09:32	148.9148	115423.4598								
GBPJPY	17-07-18	11:30-11:32	148.622	115423.4598								
GBPJPY	17-07-18	13:30-13:32	148.3344	37734.59263								
GBPJPY	17-07-18	15:30-15:32	148.562	55492.04799								
GBPJPY	18-07-18	09:30-09:32	147.362	2219.68192								
GBPJPY	18-07-18	11:30-11:32	147.213	55492.04799								
GBPJPY	18-07-18	13:30-13:32	147.16667	148718.6886								
GBPJPY	18-07-18	15:32-17:30			147.228	18-07-18 15:33	1109.84096	Other	NA	Electronic	147.228	147.26
GBPJPY	19-07-18	09:30-09:32	146.96	93226.64062								
GBPJPY	19-07-18	11:30-11:32	146.76275	83238.07198								
GBPJPY	19-07-18	13:30-13:32	146.69654	100995.5273								
GBPJPY	19-07-18	15:30-15:32	146.68083	259702.7846								
GBPJPY	20-07-18	09:30-09:32	146.35033	17757.45536								

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GBPJPY	20-07-18	11:30-11:32	146.567	25526.34208								
GBPJPY	20-07-18	13:30-13:32	146.51825	66590.45759								
GBPJPY	20-07-18	15:30-15:32	146.561	39954.27455								
GBPJPY	23-07-18	09:30-09:32	145.68974	610412.5279								
GBPJPY	23-07-18	11:30-11:32	145.957	5549.204799								
GBPJPY	23-07-18	13:30-13:32	146.024	5549.204799								
GBPJPY	23-07-18	15:30-15:32	145.92325	258592.9436								
GBPJPY	24-07-18	09:32-11:30			145.776	24-07-18 09:34	4439.363839	Other	NA	Electronic	145.776	145.808
GBPJPY	24-07-18	11:30-11:32	145.8435	2219.68192								
GBPJPY	24-07-18	13:30-13:32	145.83875	14427.93248								
GBPJPY	24-07-18	15:30-15:32	146.15732	125412.0285								
GBPJPY	25-07-18	09:30-09:32	146.2155	3329.522879								
GBPJPY	25-07-18	11:30-11:32	146.174	26636.18303								
GBPJPY	25-07-18	13:30-13:32	146.24717	68810.13951								
GBPJPY	25-07-18	15:30-15:32	145.8188	188672.9632								

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GBPJPY	26-07-18	09:30-09:32	146.0824	19977.13728								
GBPJPY	26-07-18	11:30-11:32	146.065	2219.68192								
GBPJPY	26-07-18	13:30-13:32	145.95678	61041.25279								
GBPJPY	26-07-18	15:30-15:32	146.045	11098.4096								
GBPJPY	27-07-18	09:32-11:30			145.613	27-07-18 09:33	3329.522879	Other	NA	Electronic	145.581	145.613
GBPJPY	27-07-18	11:30-11:32	145.67729	227517.3968								
GBPJPY	27-07-18	13:30-13:32	145.527	18867.29632								
GBPJPY	27-07-18	15:30-15:32	145.656	2219.68192								
GBPJPY	30-07-18	09:30-09:32	145.7705	68810.13951								
GBPJPY	30-07-18	11:30-11:32	145.702	11098.4096								
GBPJPY	30-07-18	13:30-13:32	145.799	1109.84096								
GBPJPY	30-07-18	15:30-15:32	145.871	2219.68192								
GBPJPY	31-07-18	09:30-09:32	146.703	34405.06975								
GBPJPY	31-07-18	11:30-11:32	146.6975	95446.32254								
GBPJPY	31-07-18	13:30-13:32	146.83025	65480.61663								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	31-07-18	15:30-15:32	146.735	1109.84096								
GBPJPY	01-08-18	09:30-09:32	146.82767	9988.568638								
GBPJPY	01-08-18	11:32-13:30			146.919	01-08-18 11:32	5549.204799	Other	NA	Electronic	146.887	146.919
GBPJPY	01-08-18	13:30-13:32	147.0145	7768.886719								
GBPJPY	01-08-18	15:32-17:30			146.712	01-08-18 15:32	5549.204799	Other	NA	Electronic	146.712	146.742
GBPJPY	02-08-18	09:30-09:32	145.93418	1142026.348								
GBPJPY	02-08-18	11:30-11:32	145.982	15537.77344								
GBPJPY	02-08-18	13:30-13:32	145.4406	523844.933								
GBPJPY	02-08-18	15:30-15:32	145.2578	73249.50335								
GBPJPY	03-08-18	09:30-09:32	145.29525	957792.7483								
GBPJPY	03-08-18	11:30-11:32	145.45675	110984.096								
GBPJPY	03-08-18	13:30-13:32	144.8204	185343.4403								
GBPJPY	03-08-18	15:30-15:32	144.697	1109.84096								
GBPJPY	06-08-18	09:30-09:32	144.28229	38844.43359								
GBPJPY	06-08-18	11:30-11:32	144.1435	7768.886719								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	06-08-18	13:30-13:32	144.1364	216418.9872								
GBPJPY	06-08-18	15:30-15:32	144.228	5549.204799								
GBPJPY	07-08-18	09:30-09:32	144.25025	17757.45536								
GBPJPY	07-08-18	11:30-11:32	144.03417	62151.09375								
GBPJPY	07-08-18	13:30-13:32	143.90491	32185.38783								
GBPJPY	07-08-18	15:30-15:32	144	8878.727678								
GBPJPY	08-08-18	09:30-09:32	143.08986	71029.82143								
GBPJPY	08-08-18	11:32-13:30			142.901	08-08-18 11:32	55492.04799	Other	NA	Electronic	142.901	142.933
GBPJPY	08-08-18	13:30-13:32	142.839	55492.04799								
GBPJPY	08-08-18	15:30-15:32	142.9702	72139.66239								
GBPJPY	09-08-18	09:30-09:32	143.086	3329.522879								
GBPJPY	09-08-18	11:30-11:32	143.254	1109.84096								
GBPJPY	09-08-18	13:30-13:32	143.045	12208.25056								
GBPJPY	09-08-18	15:30-15:32	142.819	25526.34208								
GBPJPY	10-08-18	09:30-09:32	141.7995	156487.5753								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	10-08-18	11:32-13:30			141.701	10-08-18 11:32	1109.84096	Other	NA	Electronic	141.669	141.701
GBPJPY	10-08-18	13:30-13:32	141.12829	585996.0268								
GBPJPY	10-08-18	15:30-15:32	141.4425	27746.02399								
GBPJPY	13-08-18	09:30-09:32	140.7785	33295.22879								
GBPJPY	13-08-18	11:30-11:32	140.6915	23306.66016								
GBPJPY	13-08-18	13:30-13:32	141.53	1109.84096								
GBPJPY	13-08-18	15:30-15:32	141.30867	200881.2137								
GBPJPY	14-08-18	09:30-09:32	141.84	4439.363839								
GBPJPY	14-08-18	11:30-11:32	141.6545	22196.8192								
GBPJPY	14-08-18	13:30-13:32	141.54725	120972.6646								
GBPJPY	14-08-18	15:30-15:32	141.18475	8878.727678								
GBPJPY	15-08-18	09:32-11:30			141.46	15-08-18 09:35	1109.84096	Other	NA	Electronic	141.46	141.493
GBPJPY	15-08-18	11:30-11:32	140.96267	16647.6144								
GBPJPY	15-08-18	13:30-13:32	140.62033	23306.66016								
GBPJPY	15-08-18	15:30-15:32	140.34275	56601.88895								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	16-08-18	09:32-11:30			140.887	16-08-18 09:40	1109.84096	Other	NA	Electronic	140.855	140.887
GBPJPY	16-08-18	11:32-13:30			140.9	16-08-18 11:35	2219.68192	Other	NA	Electronic	140.867	140.9
GBPJPY	16-08-18	13:30-13:32	140.626	33295.22879								
GBPJPY	16-08-18	15:30-15:32	140.9465	8878.727678								
GBPJPY	17-08-18	09:30-09:32	140.651	39954.27455								
GBPJPY	17-08-18	11:30-11:32	140.464	3329.522879								
GBPJPY	17-08-18	13:30-13:32	140.55288	77688.86719								
GBPJPY	17-08-18	15:32-17:30			140.679	17-08-18 15:34	33295.22879	Other	NA	Electronic	140.679	140.71
GBPJPY	20-08-18	09:30-09:32	140.95	1109.84096								
GBPJPY	20-08-18	11:30-11:32	141.1065	6659.045759								
GBPJPY	20-08-18	13:30-13:32	141.02	2219.68192								
GBPJPY	20-08-18	15:30-15:32	141.006	16647.6144								
GBPJPY	21-08-18	09:30-09:32	141.3674	41064.11551								
GBPJPY	21-08-18	11:30-11:32	141.53	33295.22879								
GBPJPY	21-08-18	13:30-13:32	141.79273	61041.25279								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	21-08-18	15:30-15:32	142.00667	8878.727678								
GBPJPY	22-08-18	09:32-11:30			142.121	22-08-18 09:32	5549.204799	Other	NA	Electronic	142.121	142.151
GBPJPY	22-08-18	11:32-13:30			142.302	22-08-18 11:33	5549.204799	Other	NA	Electronic	142.302	142.335
GBPJPY	22-08-18	13:30-13:32	142.61867	27746.02399								
GBPJPY	22-08-18	15:30-15:32	142.6775	44393.63839								
GBPJPY	23-08-18	09:30-09:32	142.575	1109.84096								
GBPJPY	23-08-18	11:30-11:32	142.79525	352929.4252								
GBPJPY	23-08-18	13:32-15:30			142.697	23-08-18 13:34	1109.84096	Other	NA	Electronic	142.662	142.697
GBPJPY	23-08-18	15:32-17:30			142.613	23-08-18 15:36	1109.84096	Other	NA	Electronic	142.613	142.647
GBPJPY	24-08-18	09:30-09:32	142.8135	13318.09152								
GBPJPY	24-08-18	11:30-11:32	143.13297	41064.11551								
GBPJPY	24-08-18	13:30-13:32	143.155	3329.522879								
GBPJPY	24-08-18	15:30-15:32	142.92533	227517.3968								
GBPJPY	27-08-18	09:30-09:32	142.751	2219.68192								
GBPJPY	27-08-18	11:30-11:32	142.7945	17757.45536								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	27-08-18	13:30-13:32	142.99	11098.4096								
GBPJPY	27-08-18	15:30-15:32	143.132	554920.4799								
GBPJPY	28-08-18	09:30-09:32	143.349	88787.27678								
GBPJPY	28-08-18	11:30-11:32	143.293	1109.84096								
GBPJPY	28-08-18	13:30-13:32	143.53562	63260.93471								
GBPJPY	28-08-18	15:30-15:32	143.158	5549.204799								
GBPJPY	29-08-18	09:30-09:32	143.25567	6659.045759								
GBPJPY	29-08-18	11:32-13:30			143.413	29-08-18 11:37	2219.68192	Other	NA	Electronic	143.384	143.413
GBPJPY	29-08-18	13:30-13:32	143.401	1109.84096								
GBPJPY	29-08-18	15:30-15:32	145.30975	35514.91071								
GBPJPY	30-08-18	09:30-09:32	145.07	1109.84096								
GBPJPY	30-08-18	11:30-11:32	145.15	11098.4096								
GBPJPY	30-08-18	13:30-13:32	144.72609	690321.077								
GBPJPY	30-08-18	15:30-15:32	144.552	106544.7321								
GBPJPY	31-08-18	09:32-11:30			144.18	31-08-18 09:33	1109.84096	Other	NA	Electronic	144.151	144.18

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	31-08-18	11:30-11:32	143.95633	254153.5798								
GBPJPY	31-08-18	13:30-13:32	143.6165	45503.47935								
GBPJPY	31-08-18	15:30-15:32	143.90633	122082.5056								
GBPJPY	03-09-18	09:30-09:32	142.94143	310755.4687								
GBPJPY	03-09-18	11:30-11:32	142.99467	28855.86495								
GBPJPY	03-09-18	13:32-15:30			142.972	03-09-18 13:34	11098.4096	Other	NA	Electronic	142.972	143.002
GBPJPY	03-09-18	15:30-15:32	143.14114	27746.02399								
GBPJPY	04-09-18	09:30-09:32	142.79036	92116.79966								
GBPJPY	04-09-18	11:30-11:32	142.68986	34405.06975								
GBPJPY	04-09-18	13:30-13:32	143.03483	36624.75167								
GBPJPY	04-09-18	15:32-17:30			142.938	04-09-18 15:32	1109.84096	Other	NA	Electronic	142.909	142.938
GBPJPY	05-09-18	09:30-09:32	142.997	77688.86719								
GBPJPY	05-09-18	11:30-11:32	142.968	9988.568638								
GBPJPY	05-09-18	13:30-13:32	144.90908	988868.2952								
GBPJPY	05-09-18	15:30-15:32	143.736	92116.79966								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	06-09-18	09:32-11:30			143.987	06-09-18 09:33	1109.84096	Other	NA	Electronic	143.958	143.987
GBPJPY	06-09-18	11:32-13:30			143.978	06-09-18 11:32	2219.68192	Other	NA	Electronic	143.949	143.978
GBPJPY	06-09-18	13:30-13:32	143.844	16647.6144								
GBPJPY	06-09-18	15:30-15:32	143.4373	89897.11774								
GBPJPY	07-09-18	09:32-11:30			143.287	07-09-18 09:32	7768.886719	Other	NA	Electronic	143.287	143.316
GBPJPY	07-09-18	11:30-11:32	144.04325	54382.20703								
GBPJPY	07-09-18	13:32-15:30			143.846	07-09-18 13:34	2219.68192	Other	NA	Electronic	143.817	143.846
GBPJPY	07-09-18	15:32-17:30			143.897	07-09-18 15:33	1109.84096	Other	NA	Electronic	143.897	143.926
GBPJPY	10-09-18	09:30-09:32	143.92371	585996.0268								
GBPJPY	10-09-18	11:30-11:32	143.681	6659.045759								
GBPJPY	10-09-18	13:30-13:32	144.885	198661.5318								
GBPJPY	10-09-18	15:30-15:32	144.723	11098.4096								
GBPJPY	11-09-18	09:30-09:32	145.202	3329.522879								
GBPJPY	11-09-18	11:32-13:30			144.976	11-09-18 11:32	5549.204799	Other	NA	Electronic	144.976	145.005
GBPJPY	11-09-18	13:30-13:32	144.77167	122082.5056								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	11-09-18	15:30-15:32	144.901	2219.68192								
GBPJPY	12-09-18	09:30-09:32	145.257	24416.50112								
GBPJPY	12-09-18	11:30-11:32	144.83944	32185.38783								
GBPJPY	12-09-18	13:30-13:32	144.816	33295.22879								
GBPJPY	12-09-18	15:30-15:32	145.26678	81018.39006								
GBPJPY	13-09-18	09:30-09:32	145.535	4439.363839								
GBPJPY	13-09-18	11:30-11:32	145.49933	29965.70591								
GBPJPY	13-09-18	13:30-13:32	146.13213	478341.4537								
GBPJPY	13-09-18	15:30-15:32	146.6315	13318.09152								
GBPJPY	14-09-18	09:30-09:32	146.73733	97666.00446								
GBPJPY	14-09-18	11:32-13:30			146.762	14-09-18 11:32	110984.096	Other	NA	Electronic	146.762	146.791
GBPJPY	14-09-18	13:30-13:32	146.698	12208.25056								
GBPJPY	14-09-18	15:30-15:32	146.693	22196.8192								
GBPJPY	17-09-18	09:32-11:30			146.597	17-09-18 09:34	11098.4096	Other	NA	Electronic	146.597	146.626
GBPJPY	17-09-18	11:30-11:32	146.915	27746.02399								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	17-09-18	13:30-13:32	147.282	2219.68192								
GBPJPY	17-09-18	15:30-15:32	147.1488	35514.91071								
GBPJPY	18-09-18	09:30-09:32	146.87219	726945.8287								
GBPJPY	18-09-18	11:30-11:32	147.18733	51052.68415								
GBPJPY	18-09-18	13:32-15:30			147.649	18-09-18 13:32	14427.93248	Other	NA	Electronic	147.62	147.649
GBPJPY	18-09-18	15:30-15:32	147.684	55492.04799								
GBPJPY	19-09-18	09:30-09:32	148.05017	708078.5323								
GBPJPY	19-09-18	11:30-11:32	147.5616	49942.84319								
GBPJPY	19-09-18	13:30-13:32	147.471	47723.16127								
GBPJPY	19-09-18	15:30-15:32	147.6005	5549.204799								
GBPJPY	20-09-18	09:30-09:32	148.29	228627.2377								
GBPJPY	20-09-18	11:30-11:32	148.8318	1089863.823								
GBPJPY	20-09-18	13:30-13:32	148.88738	73249.50335								
GBPJPY	20-09-18	15:30-15:32	148.96533	221968.192								
GBPJPY	21-09-18	09:30-09:32	148.78529	152048.2115								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	21-09-18	11:30-11:32	148.72867	36624.75167								
GBPJPY	21-09-18	13:30-13:32	147.40065	620401.0965								
GBPJPY	21-09-18	15:30-15:32	147.25357	38844.43359								
GBPJPY	24-09-18	09:30-09:32	147.802	6659.045759								
GBPJPY	24-09-18	11:30-11:32	147.97	1109.84096								
GBPJPY	24-09-18	13:30-13:32	148.2055	223078.0329								
GBPJPY	24-09-18	15:30-15:32	147.898	29965.70591								
GBPJPY	25-09-18	09:30-09:32	148.307	12208.25056								
GBPJPY	25-09-18	11:32-13:30			148.439	25-09-18 11:32	55492.04799	Other	NA	Electronic	148.439	148.468
GBPJPY	25-09-18	13:30-13:32	148.3435	9988.568638								
GBPJPY	25-09-18	15:32-17:30			148.509	25-09-18 15:32	16647.6144	Other	NA	Electronic	148.48	148.509
GBPJPY	26-09-18	09:30-09:32	148.64625	67700.29855								
GBPJPY	26-09-18	11:30-11:32	148.48763	165366.303								
GBPJPY	26-09-18	13:30-13:32	148.693	2219.68192								
GBPJPY	26-09-18	15:32-17:30			148.88	26-09-18 15:33	11098.4096	Other	NA	Electronic	148.88	148.909

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY	27-09-18	09:30-09:32	147.92467	13318.09152								
GBPJPY	27-09-18	11:30-11:32	148.1335	13318.09152								
GBPJPY	27-09-18	13:30-13:32	148.328	255263.4208								
GBPJPY	27-09-18	15:30-15:32	148.45283	129851.3923								
GBPJPY	28-09-18	09:32-11:30			148.193	28-09-18 09:35	1109.84096	Other	NA	Electronic	148.164	148.193
GBPJPY	28-09-18	11:30-11:32	148.015	3329.522879								
GBPJPY	28-09-18	13:30-13:32	147.72817	123192.3465								
GBPJPY	28-09-18	15:30-15:32	148.05933	325183.4012								
GBPJPY.	02-07-18	09:30-09:32	145.763	1109.84096								
GBPJPY.	02-07-18	11:30-11:32	145.679	44393.63839								
GBPJPY.	02-07-18	13:30-13:32	145.23913	204210.7366								
GBPJPY.	02-07-18	15:30-15:32	145.391	57711.72991								
GBPJPY.	03-07-18	09:30-09:32	146.22133	4439.363839								
GBPJPY.	03-07-18	11:30-11:32	146.194	102105.3683								
GBPJPY.	03-07-18	13:30-13:32	145.80833	71029.82143								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY.	03-07-18	15:32-17:30			145.814	03-07-18 15:37	11098.4096	Other	NA	Electronic	145.806	145.814
GBPJPY.	04-07-18	09:32-11:30			145.976	04-07-18 09:33	110984.096	Other	NA	Electronic	145.967	145.976
GBPJPY.	04-07-18	11:32-13:30			145.901	04-07-18 11:40	110984.096	Other	NA	Electronic	145.894	145.901
GBPJPY.	04-07-18	13:32-15:30			145.969	04-07-18 13:35	4439.363839	Other	NA	Electronic	145.969	145.98
GBPJPY.	04-07-18	15:32-17:30			146.1	04-07-18 15:43	1109.84096	Other	NA	Electronic	146.1	146.111
GBPJPY.	05-07-18	09:30-09:32	146.384	83238.07198								
GBPJPY.	05-07-18	11:30-11:32	146.655	11098.4096								
GBPJPY.	05-07-18	13:30-13:32	146.19992	284119.2857								
GBPJPY.	05-07-18	15:32-17:30			146.252	05-07-18 15:33	55492.04799	Other	NA	Electronic	146.252	146.259
GBPJPY.	06-07-18	09:30-09:32	146.458	77688.86719								
GBPJPY.	06-07-18	11:32-13:30			146.362	06-07-18 11:46	11098.4096	Other	NA	Electronic	146.355	146.362
GBPJPY.	06-07-18	13:30-13:32	146.664	11098.4096								
GBPJPY.	06-07-18	15:30-15:32	146.5995	3329.522879								
GBPJPY.	09-07-18	09:30-09:32	147.341	2219.68192								
GBPJPY.	09-07-18	11:32-13:30			147.345	09-07-18 11:37	1109.84096	Other	NA	Electronic	147.345	147.354

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GBPJPY.	09-07-18	13:30-13:32	147.579	110984.096								
GBPJPY.	09-07-18	15:32-17:30			146.731	09-07-18 15:35	5549.204799	Other	NA	Electronic	146.723	146.731
GBPJPY.	10-07-18	09:32-11:30			147.301	10-07-18 09:33	1109.84096	Other	NA	Electronic	147.293	147.301
GBPJPY.	10-07-18	11:32-13:30			147.297	10-07-18 11:33	5549.204799	Other	NA	Electronic	147.287	147.297
GBPJPY.	10-07-18	13:30-13:32	147.663	5549.204799								
GBPJPY.	10-07-18	15:32-17:30			147.711	10-07-18 15:37	55492.04799	Other	NA	Electronic	147.705	147.711
GBPJPY.	11-07-18	09:32-11:30			147.229	11-07-18 10:09	110984.096	Other	NA	Electronic	147.221	147.229
GBPJPY.	11-07-18	11:30-11:32	147.35567	12208.25056								
GBPJPY.	11-07-18	13:32-15:30			147.565	11-07-18 13:34	221968.192	Other	NA	Electronic	147.567	147.578
GBPJPY.	11-07-18	15:30-15:32	147.636	57711.72991								
GBPJPY.	12-07-18	09:32-11:30			148.597	12-07-18 09:40	5549.204799	Other	NA	Electronic	148.586	148.597
GBPJPY.	12-07-18	11:32-13:30			148.517	12-07-18 11:35	3329.522879	Other	NA	Electronic	148.509	148.517
GBPJPY.	12-07-18	13:30-13:32	148.698	204210.7366								
GBPJPY.	12-07-18	15:30-15:32	148.697	55492.04799								
GBPJPY.	13-07-18	09:30-09:32	147.799	11098.4096								

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GBPJPY.	13-07-18	11:32-13:30			147.789	13-07-18 11:36	27746.02399	Other	NA	Electronic	147.782	147.789
GBPJPY.	13-07-18	13:32-15:30			148.185	13-07-18 13:32	5549.204799	Other	NA	Electronic	148.174	148.184
GBPJPY.	13-07-18	15:30-15:32	148.6365	8878.727678								
GBPJPY.	16-07-18	09:32-11:30			149.122	16-07-18 09:32	4439.363839	Other	NA	Electronic	149.112	149.122
GBPJPY.	16-07-18	11:30-11:32	149.2005	13318.09152								
GBPJPY.	16-07-18	13:30-13:32	149.038	168695.8259								
GBPJPY.	16-07-18	15:32-17:30			148.59	16-07-18 15:32	22196.8192	Other	NA	Electronic	148.59	148.598
GBPJPY.	17-07-18	09:30-09:32	148.909	2219.68192								
GBPJPY.	17-07-18	11:30-11:32	148.60025	75469.18527								
GBPJPY.	17-07-18	13:30-13:32	148.329	13318.09152								
GBPJPY.	17-07-18	15:30-15:32	148.58783	24416.50112								
GBPJPY.	18-07-18	09:30-09:32	147.364	1109.84096								
GBPJPY.	18-07-18	11:32-13:30			147.212	18-07-18 11:32	1109.84096	Other	NA	Electronic	147.205	147.212
GBPJPY.	18-07-18	13:30-13:32	147.1655	6659.045759								
GBPJPY.	18-07-18	15:30-15:32	147.236	4439.363839								

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GBPJPY.	19-07-18	09:30-09:32	146.997	257483.1027								
GBPJPY.	19-07-18	11:30-11:32	146.7455	68810.13951								
GBPJPY.	19-07-18	13:30-13:32	146.72311	47723.16127								
GBPJPY.	19-07-18	15:30-15:32	146.6645	146499.0067								
GBPJPY.	20-07-18	09:32-11:30			146.34	20-07-18 09:34	2219.68192	Other	NA	Electronic	146.33	146.34
GBPJPY.	20-07-18	11:30-11:32	146.575	11098.4096								
GBPJPY.	20-07-18	13:30-13:32	146.518	1109.84096								
GBPJPY.	20-07-18	15:30-15:32	146.576	110984.096								
GBPJPY.	23-07-18	09:30-09:32	145.7019	233066.6016								
GBPJPY.	23-07-18	11:30-11:32	145.972	3329522.879								
GBPJPY.	23-07-18	13:32-15:30			146.009	23-07-18 13:34	5549.204799	Other	NA	Electronic	146.009	146.015
GBPJPY.	23-07-18	15:30-15:32	145.9256	14427.93248								
GBPJPY.	24-07-18	09:30-09:32	145.81633	34405.06975								
GBPJPY.	24-07-18	11:32-13:30			145.842	24-07-18 11:32	1109.84096	Other	NA	Electronic	145.831	145.84
GBPJPY.	24-07-18	13:30-13:32	145.846	11098.4096								

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GBPJPY.	24-07-18	15:30-15:32	146.136	1109.84096								
GBPJPY.	25-07-18	09:30-09:32	146.207	11098.4096								
GBPJPY.	25-07-18	11:30-11:32	146.149	3329.522879								
GBPJPY.	25-07-18	13:30-13:32	146.235	5549.204799								
GBPJPY.	25-07-18	15:32-17:30			145.848	25-07-18 15:35	1109.84096	Other	NA	Electronic	145.84	145.848
GBPJPY.	26-07-18	09:30-09:32	146.087	11098.4096								
GBPJPY.	26-07-18	11:30-11:32	146.101	5549.204799								
GBPJPY.	26-07-18	13:30-13:32	145.94717	26636.18303								
GBPJPY.	26-07-18	15:32-17:30			146.035	26-07-18 15:35	1109.84096	Other	NA	Electronic	146.035	146.043
GBPJPY.	27-07-18	09:32-11:30			145.51	27-07-18 09:48	1109.84096	Other	NA	Electronic	145.51	145.519
GBPJPY.	27-07-18	11:30-11:32	145.671	1109.84096								
GBPJPY.	27-07-18	13:30-13:32	145.523	1109.84096								
GBPJPY.	27-07-18	15:32-17:30			145.594	27-07-18 15:38	110984.096	Other	NA	Electronic	145.582	145.591
GBPJPY.	30-07-18	09:32-11:30			145.787	30-07-18 09:37	1109.84096	Other	NA	Electronic	145.787	145.795
GBPJPY.	30-07-18	11:30-11:32	145.716	2219.68192								



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GBPJPY.	30-07-18	13:32-15:30			145.764	30-07-18 13:32	2219.68192	Other	NA	Electronic	145.756	145.764
GBPJPY.	30-07-18	15:32-17:30			145.868	30-07-18 15:40	55492.04799	Other	NA	Electronic	145.859	145.868
GBPJPY.	31-07-18	09:30-09:32	146.693	221968.192								
GBPJPY.	31-07-18	11:30-11:32	146.6995	44393.63839								
GBPJPY.	31-07-18	13:30-13:32	146.83667	85457.7539								
GBPJPY.	31-07-18	15:32-17:30			146.792	31-07-18 15:35	11098.4096	Other	NA	Electronic	146.792	146.8
GBPJPY.	01-08-18	09:30-09:32	146.808	5549.204799								
GBPJPY.	01-08-18	11:32-13:30			146.866	01-08-18 11:39	1109.84096	Other	NA	Electronic	146.866	146.872
GBPJPY.	01-08-18	13:32-15:30			146.968	01-08-18 13:32	2219.68192	Other	NA	Electronic	146.968	146.975
GBPJPY.	01-08-18	15:32-17:30			146.677	01-08-18 15:36	2219.68192	Other	NA	Electronic	146.677	146.686
GBPJPY.	02-08-18	09:30-09:32	145.85	2219.68192								
GBPJPY.	02-08-18	11:30-11:32	145.9985	5549.204799								
GBPJPY.	02-08-18	13:32-15:30			145.436	02-08-18 13:35	1109.84096	Other	NA	Electronic	145.436	145.442
GBPJPY.	02-08-18	15:32-17:30			145.299	02-08-18 15:40	138730.12	Other	NA	Electronic	145.292	145.299
GBPJPY.	03-08-18	09:30-09:32	145.307	1109.84096								

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GBPJPY.	03-08-18	11:32-13:30			145.444	03-08-18 11:39	1109.84096	Other	NA	Electronic	145.444	145.455
GBPJPY.	03-08-18	13:32-15:30			144.773	03-08-18 13:34	12208.25056	Other	NA	Electronic	144.764	144.772
GBPJPY.	03-08-18	15:32-17:30			144.677	03-08-18 15:46	11098.4096	Other	NA	Electronic	144.677	144.686
GBPJPY.	06-08-18	09:32-11:30			144.315	06-08-18 09:41	1109.84096	Other	NA	Electronic	144.315	144.321
GBPJPY.	06-08-18	11:30-11:32	144.145	11098.4096								
GBPJPY.	06-08-18	13:30-13:32	144.137	1109.84096								
GBPJPY.	06-08-18	15:30-15:32	144.215	110984.096								
GBPJPY.	07-08-18	09:32-11:30			144.198	07-08-18 09:34	1109.84096	Other	NA	Electronic	144.198	144.205
GBPJPY.	07-08-18	11:30-11:32	144.043	2663618.303								
GBPJPY.	07-08-18	13:32-15:30			143.889	07-08-18 13:40	18867.29632	Other	NA	Electronic	143.88	143.889
GBPJPY.	07-08-18	15:32-17:30			143.994	07-08-18 15:36	110984.096	Other	NA	Electronic	143.987	143.994
GBPJPY.	08-08-18	09:30-09:32	143.099	1109.84096								
GBPJPY.	08-08-18	11:32-13:30			142.969	08-08-18 11:36	1109.84096	Other	NA	Electronic	142.962	142.969
GBPJPY.	08-08-18	13:32-15:30			142.869	08-08-18 13:32	1109.84096	Other	NA	Electronic	142.862	142.869
GBPJPY.	08-08-18	15:30-15:32	142.987	221968.192								

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GBPJPY.	09-08-18	09:32-11:30			142.992	09-08-18 09:35	2219.68192	Other	NA	Electronic	142.992	142.997
GBPJPY.	09-08-18	11:32-13:30			143.232	09-08-18 11:35	11098.4096	Other	NA	Electronic	143.224	143.232
GBPJPY.	09-08-18	13:32-15:30			142.951	09-08-18 13:38	103215.2093	Other	NA	Electronic	142.951	142.958
GBPJPY.	09-08-18	15:30-15:32	142.795	144279.3248								
GBPJPY.	10-08-18	09:30-09:32	141.754	4772316.127								
GBPJPY.	10-08-18	11:30-11:32	141.675	5549.204799								
GBPJPY.	10-08-18	13:30-13:32	141.113	362917.9939								
GBPJPY.	10-08-18	15:32-17:30			141.368	10-08-18 15:45	44393.63839	Other	NA	Electronic	141.368	141.374
GBPJPY.	13-08-18	09:32-11:30			140.815	13-08-18 09:35	4439.363839	Other	NA	Electronic	140.806	140.815
GBPJPY.	13-08-18	11:32-13:30			140.762	13-08-18 11:46	1109.84096	Other	NA	Electronic	140.755	140.762
GBPJPY.	13-08-18	13:32-15:30			141.563	13-08-18 13:33	1109.84096	Other	NA	Electronic	141.563	141.571
GBPJPY.	13-08-18	15:30-15:32	141.346	3329.522879								
GBPJPY.	14-08-18	09:30-09:32	141.847	1109.84096								
GBPJPY.	14-08-18	11:32-13:30			141.593	14-08-18 11:32	1109.84096	Other	NA	Electronic	141.585	141.593
GBPJPY.	14-08-18	13:30-13:32	141.573	16647.6144								

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GBPJPY.	14-08-18	15:30-15:32	141.208	5549.204799								
GBPJPY.	15-08-18	09:32-11:30			141.473	15-08-18 09:35	110984.096	Other	NA	Electronic	141.464	141.473
GBPJPY.	15-08-18	11:30-11:32	140.969	22196.8192								
GBPJPY.	15-08-18	13:32-15:30			140.519	15-08-18 13:35	55492.04799	Other	NA	Electronic	140.509	140.519
GBPJPY.	15-08-18	15:32-17:30			140.398	15-08-18 15:33	1109.84096	Other	NA	Electronic	140.387	140.398
GBPJPY.	16-08-18	09:32-11:30			140.873	16-08-18 09:38	33295.22879	Other	NA	Electronic	140.866	140.873
GBPJPY.	16-08-18	11:32-13:30			140.732	16-08-18 11:57	5313918.515	Other	NA	Electronic	140.725	140.732
GBPJPY.	16-08-18	13:30-13:32	140.605	2219.68192								
GBPJPY.	16-08-18	15:32-17:30			140.972	16-08-18 15:48	5549.204799	Other	NA	Electronic	140.962	140.972
GBPJPY.	17-08-18	09:30-09:32	140.646	5551424.481								
GBPJPY.	17-08-18	11:30-11:32	140.494	2219.68192								
GBPJPY.	17-08-18	13:30-13:32	140.566	1109.84096								
GBPJPY.	17-08-18	15:32-17:30			140.684	17-08-18 15:52	2219.68192	Other	NA	Electronic	140.674	140.684
GBPJPY.	20-08-18	09:32-11:30			140.975	20-08-18 09:47	1109.84096	Other	NA	Electronic	140.967	140.974
GBPJPY.	20-08-18	11:32-13:30			141.127	20-08-18 11:32	11098.4096	Other	NA	Electronic	141.12	141.127

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GBPJPY.	20-08-18	13:30-13:32	140.996	11098.4096								
GBPJPY.	20-08-18	15:30-15:32	141.019	4439.363839								
GBPJPY.	21-08-18	09:32-11:30			141.362	21-08-18 09:47	2219.68192	Other	NA	Electronic	141.362	141.369
GBPJPY.	21-08-18	11:32-13:30			141.541	21-08-18 12:15	11098.4096	Other	NA	Electronic	141.541	141.549
GBPJPY.	21-08-18	13:30-13:32	141.802	1109.84096								
GBPJPY.	21-08-18	15:32-17:30			142.038	21-08-18 15:40	2219.68192	Other	NA	Electronic	142.038	142.048
GBPJPY.	22-08-18	09:32-11:30			142.176	22-08-18 09:38	2219.68192	Other	NA	Electronic	142.168	142.176
GBPJPY.	22-08-18	11:30-11:32	142.317	2219.68192								
GBPJPY.	22-08-18	13:32-15:30			142.647	22-08-18 13:32	1109.84096	Other	NA	Electronic	142.638	142.647
GBPJPY.	22-08-18	15:32-17:30			142.715	22-08-18 15:43	2219.68192	Other	NA	Electronic	142.715	142.726
GBPJPY.	23-08-18	09:32-11:30			142.522	23-08-18 09:41	1109.84096	Other	NA	Electronic	142.522	142.532
GBPJPY.	23-08-18	11:30-11:32	142.821	1109.84096								
GBPJPY.	23-08-18	13:32-15:30			142.675	23-08-18 13:38	11098.4096	Other	NA	Electronic	142.666	142.675
GBPJPY.	23-08-18	15:32-17:30			142.641	23-08-18 15:32	1109.84096	Other	NA	Electronic	142.641	142.649
GBPJPY.	24-08-18	09:32-11:30			142.89	24-08-18 09:45	2219.68192	Other	NA	Electronic	142.881	142.89

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GBPJPY.	24-08-18	11:32-13:30			143.047	24-08-18 11:53	1109.84096	Other	NA	Electronic	143.047	143.055
GBPJPY.	24-08-18	13:32-15:30			143.128	24-08-18 13:36	9988.568638	Other	NA	Electronic	143.128	143.137
GBPJPY.	24-08-18	15:32-17:30			142.918	24-08-18 15:47	110984.096	Other	NA	Electronic	142.909	142.918
GBPJPY.	27-08-18	09:32-11:30			142.799	27-08-18 09:41	110984.096	Other	NA	Electronic	142.799	142.807
GBPJPY.	27-08-18	11:30-11:32	142.817	38844.43359								
GBPJPY.	27-08-18	13:30-13:32	142.981	2219.68192								
GBPJPY.	27-08-18	15:30-15:32	143.1065	2219.68192								
GBPJPY.	28-08-18	09:32-11:30			143.34	28-08-18 09:33	2219.68192	Other	NA	Electronic	143.334	143.34
GBPJPY.	28-08-18	11:32-13:30			143.32	28-08-18 11:40	1109.84096	Other	NA	Electronic	143.32	143.329
GBPJPY.	28-08-18	13:30-13:32	143.527	6659.045759								
GBPJPY.	28-08-18	15:32-17:30			143.119	28-08-18 15:33	27746.02399	Other	NA	Electronic	143.11	143.119
GBPJPY.	29-08-18	09:32-11:30			143.221	29-08-18 09:33	3329.522879	Other	NA	Electronic	143.212	143.221
GBPJPY.	29-08-18	11:30-11:32	143.3475	2219.68192								
GBPJPY.	29-08-18	13:30-13:32	143.433	1109.84096								
GBPJPY.	29-08-18	15:30-15:32	145.3385	67700.29855								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPY.	30-08-18	09:30-09:32	145.078	1109.84096								
GBPJPY.	30-08-18	11:32-13:30			145.095	30-08-18 11:33	1109.84096	Other	NA	Electronic	145.095	145.099
GBPJPY.	30-08-18	13:30-13:32	144.735	199771.3728								
GBPJPY.	30-08-18	15:30-15:32	144.55625	6659.045759								
GBPJPY.	31-08-18	09:32-11:30			144.067	31-08-18 09:40	22196.8192	Other	NA	Electronic	144.064	144.067
GBPJPY.	31-08-18	11:30-11:32	143.964	2219.68192								
GBPJPY.	31-08-18	13:32-15:30			143.746	31-08-18 13:45	1109.84096	Other	NA	Electronic	143.746	143.751
GBPJPY.	31-08-18	15:32-17:30			143.939	31-08-18 15:32	5549.204799	Other	NA	Electronic	143.939	143.948
GBPJPY.	03-09-18	09:30-09:32	142.947	110984.096								
GBPJPY.	03-09-18	11:30-11:32	143.0055	88787.27678								
GBPJPY.	03-09-18	13:30-13:32	143.0315	2219.68192								
GBPJPY.	03-09-18	15:32-17:30			143.144	03-09-18 15:32	22196.8192	Other	NA	Electronic	143.144	143.151
GBPJPY.	04-09-18	09:32-11:30			142.842	04-09-18 09:40	166476.144	Other	NA	Electronic	142.842	142.847
GBPJPY.	04-09-18	11:32-13:30			142.678	04-09-18 11:32	1109.84096	Other	NA	Electronic	142.678	142.684
GBPJPY.	04-09-18	13:32-15:30			143.074	04-09-18 13:33	110984.096	Other	NA	Electronic	143.069	143.074

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GBPJPY.	04-09-18	15:30-15:32	142.81	1109.84096								
GBPJPY.	05-09-18	09:32-11:30			143.101	05-09-18 09:32	55492.04799	Other	NA	Electronic	143.101	143.107
GBPJPY.	05-09-18	11:30-11:32	142.978	1109.84096								
GBPJPY.	05-09-18	13:30-13:32	144.89	64370.77567								
GBPJPY.	05-09-18	15:32-17:30			143.749	05-09-18 15:32	22196.8192	Other	NA	Electronic	143.744	143.749
GBPJPY.	06-09-18	09:32-11:30			143.957	06-09-18 09:34	11098.4096	Other	NA	Electronic	143.951	143.957
GBPJPY.	06-09-18	11:32-13:30			143.912	06-09-18 11:41	11098.4096	Other	NA	Electronic	143.911	143.916
GBPJPY.	06-09-18	13:32-15:30			143.872	06-09-18 13:35	1109.84096	Other	NA	Electronic	143.872	143.876
GBPJPY.	06-09-18	15:32-17:30			143.469	06-09-18 15:32	122082.5056	Other	NA	Electronic	143.46	143.469
GBPJPY.	07-09-18	09:32-11:30			143.287	07-09-18 09:33	27746.02399	Other	NA	Electronic	143.282	143.287
GBPJPY.	07-09-18	11:32-13:30			143.988	07-09-18 11:33	55492.04799	Other	NA	Electronic	143.985	143.988
GBPJPY.	07-09-18	13:32-15:30			143.89	07-09-18 13:36	221968.192	Other	NA	Electronic	143.89	143.896
GBPJPY.	07-09-18	15:32-17:30			143.906	07-09-18 15:37	1109.84096	Other	NA	Electronic	143.906	143.914
GBPJPY.	10-09-18	09:32-11:30			143.897	10-09-18 09:33	11098.4096	Other	NA	Electronic	143.897	143.906
GBPJPY.	10-09-18	11:30-11:32	143.638	1109.84096								



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GBPJPY.	10-09-18	13:32-15:30			144.791	10-09-18 13:33	3329.522879	Other	NA	Electronic	144.785	144.791
GBPJPY.	10-09-18	15:32-17:30			144.723	10-09-18 15:34	11098.4096	Other	NA	Electronic	144.715	144.723
GBPJPY.	11-09-18	09:30-09:32	145.1625	155377.7344								
GBPJPY.	11-09-18	11:30-11:32	144.992	17757.45536								
GBPJPY.	11-09-18	13:30-13:32	144.755	22196.8192								
GBPJPY.	11-09-18	15:32-17:30			144.9	11-09-18 15:35	11098.4096	Other	NA	Electronic	144.895	144.9
GBPJPY.	12-09-18	09:30-09:32	145.253	1109.84096								
GBPJPY.	12-09-18	11:32-13:30			144.783	12-09-18 11:37	88787.27678	Other	NA	Electronic	144.783	144.788
GBPJPY.	12-09-18	13:32-15:30			144.801	12-09-18 13:50	110984.096	Other	NA	Electronic	144.801	144.806
GBPJPY.	12-09-18	15:30-15:32	145.267	110984.096								
GBPJPY.	13-09-18	09:32-11:30			145.476	13-09-18 09:33	110984.096	Other	NA	Electronic	145.467	145.476
GBPJPY.	13-09-18	11:32-13:30			145.509	13-09-18 11:32	2219.68192	Other	NA	Electronic	145.501	145.508
GBPJPY.	13-09-18	13:30-13:32	146.1195	8878.727678								
GBPJPY.	13-09-18	15:32-17:30			146.632	13-09-18 15:33	22196.8192	Other	NA	Electronic	146.632	146.637
GBPJPY.	14-09-18	09:32-11:30			146.71	14-09-18 09:34	110984.096	Other	NA	Electronic	146.703	146.71

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GBPJPY.	14-09-18	11:32-13:30			146.825	14-09-18 11:34	110984.096	Other	NA	Electronic	146.825	146.828
GBPJPY.	14-09-18	13:32-15:30			146.53	14-09-18 14:11	66590.45759	Other	NA	Electronic	146.53	146.536
GBPJPY.	14-09-18	15:32-17:30			146.677	14-09-18 15:48	66590.45759	Other	NA	Electronic	146.677	146.68
GBPJPY.	17-09-18	09:30-09:32	146.588	110984.096								
GBPJPY.	17-09-18	11:30-11:32	146.9415	116533.3008								
GBPJPY.	17-09-18	13:30-13:32	147.303	1109.84096								
GBPJPY.	17-09-18	15:32-17:30			147.201	17-09-18 15:33	18867.29632	Other	NA	Electronic	147.201	147.203
GBPJPY.	18-09-18	09:30-09:32	146.87855	1174211.735								
GBPJPY.	18-09-18	11:30-11:32	147.18367	45503.47935								
GBPJPY.	18-09-18	13:32-15:30			147.731	18-09-18 13:33	27746.02399	Other	NA	Electronic	147.727	147.731
GBPJPY.	18-09-18	15:32-17:30			147.684	18-09-18 15:45	2219.68192	Other	NA	Electronic	147.684	147.686
GBPJPY.	19-09-18	09:30-09:32	148.05167	416190.3599								
GBPJPY.	19-09-18	11:30-11:32	147.543	3329.522879								
GBPJPY.	19-09-18	13:30-13:32	147.482	110984.096								
GBPJPY.	19-09-18	15:30-15:32	147.608	443936.3839								

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GBPJPY.	20-09-18	09:30-09:32	148.297	15537.77344								
GBPJPY.	20-09-18	11:30-11:32	148.83148	1251900.603								
GBPJPY.	20-09-18	13:30-13:32	148.936	332952.2879								
GBPJPY.	20-09-18	15:30-15:32	148.968	249714.216								
GBPJPY.	21-09-18	09:30-09:32	148.764	6659.045759								
GBPJPY.	21-09-18	11:32-13:30			148.713	21-09-18 11:35	55492.04799	Other	NA	Electronic	148.713	148.72
GBPJPY.	21-09-18	13:30-13:32	147.40014	254153.5798								
GBPJPY.	21-09-18	15:30-15:32	147.229	110984.096								
GBPJPY.	24-09-18	09:32-11:30			147.839	24-09-18 09:32	3329.522879	Other	NA	Electronic	147.837	147.839
GBPJPY.	24-09-18	11:30-11:32	148.002	4439.363839								
GBPJPY.	24-09-18	13:30-13:32	148.222	2219.68192								
GBPJPY.	24-09-18	15:32-17:30			147.908	24-09-18 15:35	1109.84096	Other	NA	Electronic	147.904	147.908
GBPJPY.	25-09-18	09:32-11:30			148.367	25-09-18 09:32	1109.84096	Other	NA	Electronic	148.365	148.367
GBPJPY.	25-09-18	11:32-13:30			148.422	25-09-18 11:32	15537.77344	Other	NA	Electronic	148.421	148.422
GBPJPY.	25-09-18	13:30-13:32	148.337	3329.522879								

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GBPJPY.	25-09-18	15:32-17:30			148.536	25-09-18 15:40	1109.84096	Other	NA	Electronic	148.535	148.536
GBPJPY.	26-09-18	09:32-11:30			148.629	26-09-18 09:35	22196.8192	Other	NA	Electronic	148.629	148.63
GBPJPY.	26-09-18	11:30-11:32	148.475	5549.204799								
GBPJPY.	26-09-18	13:32-15:30			148.717	26-09-18 13:58	2219.68192	Other	NA	Electronic	148.715	148.717
GBPJPY.	26-09-18	15:30-15:32	148.886	23306.66016								
GBPJPY.	27-09-18	09:32-11:30			147.992	27-09-18 09:33	1109.84096	Other	NA	Electronic	147.992	147.993
GBPJPY.	27-09-18	11:30-11:32	148.106	16647.6144								
GBPJPY.	27-09-18	13:30-13:32	148.331	5549.204799								
GBPJPY.	27-09-18	15:32-17:30			148.548	27-09-18 15:45	1109.84096	Other	NA	Electronic	148.545	148.548
GBPJPY.	28-09-18	09:32-11:30			148.066	28-09-18 09:50	1109.84096	Other	NA	Electronic	148.068	148.073
GBPJPY.	28-09-18	11:30-11:32	148.022	1109.84096								
GBPJPY.	28-09-18	13:30-13:32	147.74	3329.522879								
GBPJPY.	28-09-18	15:30-15:32	148.049	3329.522879								
GBPJPYmicro	02-07-18	09:30-09:32	145.784	3096.456278								
GBPJPYmicro	02-07-18	11:30-11:32	145.6765	3928.836998								

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GBPJPYmicro	02-07-18	13:30-13:32	145.24852	71884.39897								
GBPJPYmicro	02-07-18	15:30-15:32	145.40543	47934.03105								
GBPJPYmicro	03-07-18	09:30-09:32	146.2028	45525.67617								
GBPJPYmicro	03-07-18	11:30-11:32	146.2005	26647.28144								
GBPJPYmicro	03-07-18	13:30-13:32	145.80789	67034.39397								
GBPJPYmicro	03-07-18	15:30-15:32	145.7475	443.9363839								
GBPJPYmicro	04-07-18	09:30-09:32	145.973	4328.379743								
GBPJPYmicro	04-07-18	11:30-11:32	145.88217	5216.252511								
GBPJPYmicro	04-07-18	13:30-13:32	145.934	8101.839006								
GBPJPYmicro	04-07-18	15:30-15:32	146.078	3895.541769								
GBPJPYmicro	05-07-18	09:30-09:32	146.38517	6659.045759								
GBPJPYmicro	05-07-18	11:30-11:32	146.64	499.4284319								
GBPJPYmicro	05-07-18	13:30-13:32	146.18942	393194.4552								
GBPJPYmicro	05-07-18	15:30-15:32	146.2452	3673.573577								
GBPJPYmicro	06-07-18	09:30-09:32	146.445	554.9204799								

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GBPJPYmicro	06-07-18	11:30-11:32	146.346	155.3777344								
GBPJPYmicro	06-07-18	13:30-13:32	146.64625	37190.77056								
GBPJPYmicro	06-07-18	15:30-15:32	146.58	22207.91761								
GBPJPYmicro	09-07-18	09:30-09:32	147.309	2297.370787								
GBPJPYmicro	09-07-18	11:30-11:32	147.34333	2252.977148								
GBPJPYmicro	09-07-18	13:30-13:32	147.58314	4283.986105								
GBPJPYmicro	09-07-18	15:30-15:32	146.70767	114324.7173								
GBPJPYmicro	10-07-18	09:30-09:32	147.30925	16070.4971								
GBPJPYmicro	10-07-18	11:32-13:30			147.268	10-07-18 11:32	11098.4096	Other	NA	Electronic	147.266	147.302
GBPJPYmicro	10-07-18	13:30-13:32	147.64767	210.8697824								
GBPJPYmicro	10-07-18	15:30-15:32	147.6484	6126.322098								
GBPJPYmicro	11-07-18	09:30-09:32	147.3135	2774.602399								
GBPJPYmicro	11-07-18	11:30-11:32	147.375	887.8727678								
GBPJPYmicro	11-07-18	13:30-13:32	147.5	6692.340988								
GBPJPYmicro	11-07-18	15:30-15:32	147.6474	12596.69489								

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GBPJPYmicro	12-07-18	09:30-09:32	148.5675	5671.287305								
GBPJPYmicro	12-07-18	11:32-13:30			148.493	12-07-18 11:32	1109.84096	Other	NA	Electronic	148.493	148.528
GBPJPYmicro	12-07-18	13:30-13:32	148.7215	1109.84096								
GBPJPYmicro	12-07-18	15:30-15:32	148.684	443.9363839								
GBPJPYmicro	13-07-18	09:30-09:32	147.8074	554.9204799								
GBPJPYmicro	13-07-18	11:30-11:32	147.79175	19477.70884								
GBPJPYmicro	13-07-18	13:30-13:32	148.15556	20110.31819								
GBPJPYmicro	13-07-18	15:30-15:32	148.63696	77677.76878								
GBPJPYmicro	16-07-18	09:30-09:32	149.0844	69054.30452								
GBPJPYmicro	16-07-18	11:30-11:32	149.20575	78909.69224								
GBPJPYmicro	16-07-18	13:30-13:32	149.059	3451.605385								
GBPJPYmicro	16-07-18	15:30-15:32	148.65782	21675.19394								
GBPJPYmicro	17-07-18	09:30-09:32	148.91467	1453.891657								
GBPJPYmicro	17-07-18	11:30-11:32	148.61485	53849.48337								
GBPJPYmicro	17-07-18	13:30-13:32	148.34357	120184.6775								

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GBPJPYmicro	17-07-18	15:30-15:32	148.5922	8878.727678								
GBPJPYmicro	18-07-18	09:30-09:32	147.33933	22440.98421								
GBPJPYmicro	18-07-18	11:30-11:32	147.208	18046.01401								
GBPJPYmicro	18-07-18	13:30-13:32	147.172	8989.711774								
GBPJPYmicro	18-07-18	15:32-17:30			147.226	18-07-18 15:33	1109.84096	Other	NA	Electronic	147.226	147.26
GBPJPYmicro	19-07-18	09:30-09:32	146.96225	12552.30126								
GBPJPYmicro	19-07-18	11:30-11:32	146.76745	10465.80025								
GBPJPYmicro	19-07-18	13:30-13:32	146.697	29632.75363								
GBPJPYmicro	19-07-18	15:30-15:32	146.68636	30520.62639								
GBPJPYmicro	20-07-18	09:30-09:32	146.343	5571.401618								
GBPJPYmicro	20-07-18	11:30-11:32	146.57325	44660.00022								
GBPJPYmicro	20-07-18	13:30-13:32	146.502	7768.886719								
GBPJPYmicro	20-07-18	15:30-15:32	146.528	477.2316127								
GBPJPYmicro	23-07-18	09:30-09:32	145.70637	64104.41384								
GBPJPYmicro	23-07-18	11:30-11:32	145.97867	9378.15611								



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GBPJPYmicro	23-07-18	13:30-13:32	146.05033	5682.385714								
GBPJPYmicro	23-07-18	15:30-15:32	145.953	5549.204799								
GBPJPYmicro	24-07-18	09:30-09:32	145.818	6659.045759								
GBPJPYmicro	24-07-18	11:30-11:32	145.855	110.984096								
GBPJPYmicro	24-07-18	13:30-13:32	145.86183	11542.34598								
GBPJPYmicro	24-07-18	15:30-15:32	146.14877	73127.42084								
GBPJPYmicro	25-07-18	09:30-09:32	146.218	5016.481138								
GBPJPYmicro	25-07-18	11:30-11:32	146.17833	18889.49314								
GBPJPYmicro	25-07-18	13:30-13:32	146.24233	18645.32812								
GBPJPYmicro	25-07-18	15:30-15:32	145.83375	10066.25751								
GBPJPYmicro	26-07-18	09:30-09:32	146.07657	201547.1183								
GBPJPYmicro	26-07-18	11:30-11:32	146.06433	13484.56766								
GBPJPYmicro	26-07-18	13:30-13:32	145.95459	48943.98633								
GBPJPYmicro	26-07-18	15:30-15:32	146.0125	1220.825056								
GBPJPYmicro	27-07-18	09:30-09:32	145.577	776.8886719								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPYmicro	27-07-18	11:30-11:32	145.67407	407167.3529								
GBPJPYmicro	27-07-18	13:30-13:32	145.513	4439.363839								
GBPJPYmicro	27-07-18	15:32-17:30			145.613	27-07-18 15:35	799.085491	Other	NA	Electronic	145.58	145.613
GBPJPYmicro	30-07-18	09:30-09:32	145.76867	13540.05971								
GBPJPYmicro	30-07-18	11:30-11:32	145.72933	36846.71987								
GBPJPYmicro	30-07-18	13:30-13:32	145.7645	1786.843945								
GBPJPYmicro	30-07-18	15:30-15:32	145.8962	13440.17402								
GBPJPYmicro	31-07-18	09:30-09:32	146.7036	9655.61635								
GBPJPYmicro	31-07-18	11:30-11:32	146.6825	44615.60658								
GBPJPYmicro	31-07-18	13:30-13:32	146.8402	1165.333008								
GBPJPYmicro	31-07-18	15:30-15:32	146.7115	42395.92466								
GBPJPYmicro	01-08-18	09:30-09:32	146.8	1109.84096								
GBPJPYmicro	01-08-18	11:30-11:32	146.93	3440.506975								
GBPJPYmicro	01-08-18	13:30-13:32	147.012	11.0984096								
GBPJPYmicro	01-08-18	15:30-15:32	146.76014	21175.76551								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPYmicro	02-08-18	09:30-09:32	145.82727	32995.57173								
GBPJPYmicro	02-08-18	11:30-11:32	146.03	11.0984096								
GBPJPYmicro	02-08-18	13:30-13:32	145.45	11098.4096								
GBPJPYmicro	02-08-18	15:30-15:32	145.2438	1731.351897								
GBPJPYmicro	03-08-18	09:30-09:32	145.28938	13739.83108								
GBPJPYmicro	03-08-18	11:30-11:32	145.463	2219.68192								
GBPJPYmicro	03-08-18	13:30-13:32	144.81325	30476.23276								
GBPJPYmicro	03-08-18	15:30-15:32	144.693	33.29522879								
GBPJPYmicro	06-08-18	09:30-09:32	144.25375	18989.37882								
GBPJPYmicro	06-08-18	11:30-11:32	144.14233	2696.913532								
GBPJPYmicro	06-08-18	13:30-13:32	144.146	1120.939369								
GBPJPYmicro	06-08-18	15:30-15:32	144.217	55492.04799								
GBPJPYmicro	07-08-18	09:30-09:32	144.222	2219.68192								
GBPJPYmicro	07-08-18	11:30-11:32	144.03467	4328.379743								
GBPJPYmicro	07-08-18	13:30-13:32	143.8978	8268.31515								

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GBPJPYmicro	07-08-18	15:30-15:32	144.031	2219.68192								
GBPJPYmicro	08-08-18	09:30-09:32	143.10856	17857.34104								
GBPJPYmicro	08-08-18	11:30-11:32	142.91433	12297.03783								
GBPJPYmicro	08-08-18	13:30-13:32	142.8485	14660.99908								
GBPJPYmicro	08-08-18	15:30-15:32	143.001	2341.764425								
GBPJPYmicro	09-08-18	09:30-09:32	143.058	566.0188895								
GBPJPYmicro	09-08-18	11:30-11:32	143.231	221.968192								
GBPJPYmicro	09-08-18	13:30-13:32	143.059	38844.43359								
GBPJPYmicro	09-08-18	15:32-17:30			142.747	09-08-18 15:32	16647.6144	Other	NA	Electronic	142.747	142.777
GBPJPYmicro	10-08-18	09:30-09:32	141.76533	55935.98437								
GBPJPYmicro	10-08-18	11:30-11:32	141.6815	7213.966239								
GBPJPYmicro	10-08-18	13:30-13:32	141.18011	682529.9935								
GBPJPYmicro	10-08-18	15:30-15:32	141.436	166.476144								
GBPJPYmicro	13-08-18	09:30-09:32	140.793	16647.6144								
GBPJPYmicro	13-08-18	11:30-11:32	140.672	1109.84096								

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GBPJPYmicro	13-08-18	13:30-13:32	141.54967	3629.179939								
GBPJPYmicro	13-08-18	15:30-15:32	141.30276	44970.75569								
GBPJPYmicro	14-08-18	09:30-09:32	141.8465	2885.586495								
GBPJPYmicro	14-08-18	11:32-13:30			141.595	14-08-18 11:32	33.29522879	Other	NA	Electronic	141.564	141.595
GBPJPYmicro	14-08-18	13:30-13:32	141.597	332.9522879								
GBPJPYmicro	14-08-18	15:30-15:32	141.25575	1686.958259								
GBPJPYmicro	15-08-18	09:30-09:32	141.50467	112105.0353								
GBPJPYmicro	15-08-18	11:30-11:32	140.95533	11952.98714								
GBPJPYmicro	15-08-18	13:30-13:32	140.58025	7879.870815								
GBPJPYmicro	15-08-18	15:30-15:32	140.346	4439.363839								
GBPJPYmicro	16-08-18	09:32-11:30			140.793	16-08-18 09:32	1098.74255	Other	NA	Electronic	140.793	140.824
GBPJPYmicro	16-08-18	11:30-11:32	140.899	11.0984096								
GBPJPYmicro	16-08-18	13:30-13:32	140.5655	776.8886719								
GBPJPYmicro	16-08-18	15:30-15:32	140.966	1553.777344								
GBPJPYmicro	17-08-18	09:30-09:32	140.672	854.577539								

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GBPJPYmicro	17-08-18	11:30-11:32	140.506	221.968192								
GBPJPYmicro	17-08-18	13:30-13:32	140.56914	3251.834012								
GBPJPYmicro	17-08-18	15:30-15:32	140.677	310.7554687								
GBPJPYmicro	20-08-18	09:32-11:30			140.979	20-08-18 09:34	554.9204799	Other	NA	Electronic	140.947	140.979
GBPJPYmicro	20-08-18	11:30-11:32	141.132	56479.80644								
GBPJPYmicro	20-08-18	13:30-13:32	141.001	110.984096								
GBPJPYmicro	20-08-18	15:32-17:30			141.007	20-08-18 15:33	110.984096	Other	NA	Electronic	140.973	141.007
GBPJPYmicro	21-08-18	09:30-09:32	141.372	5549.204799								
GBPJPYmicro	21-08-18	11:30-11:32	141.53067	56901.54601								
GBPJPYmicro	21-08-18	13:30-13:32	141.80069	139862.1578								
GBPJPYmicro	21-08-18	15:32-17:30			142.036	21-08-18 15:33	332.9522879	Other	NA	Electronic	142.006	142.036
GBPJPYmicro	22-08-18	09:30-09:32	142.129	377.3459263								
GBPJPYmicro	22-08-18	11:30-11:32	142.326	898.9711774								
GBPJPYmicro	22-08-18	13:30-13:32	142.582	4439.363839								
GBPJPYmicro	22-08-18	15:30-15:32	142.664	2996.570591								

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GBPJPYmicro	23-08-18	09:32-11:30			142.607	23-08-18 09:32	1109.84096	Other	NA	Electronic	142.572	142.607
GBPJPYmicro	23-08-18	11:30-11:32	142.8365	13318.09152								
GBPJPYmicro	23-08-18	13:32-15:30			142.67	23-08-18 13:32	998.8568638	Other	NA	Electronic	142.637	142.67
GBPJPYmicro	23-08-18	15:30-15:32	142.6474	63815.85519								
GBPJPYmicro	24-08-18	09:30-09:32	142.80367	34804.6125								
GBPJPYmicro	24-08-18	11:30-11:32	143.1105	11098.4096								
GBPJPYmicro	24-08-18	13:30-13:32	143.16875	13262.59947								
GBPJPYmicro	24-08-18	15:30-15:32	142.9275	6004.239592								
GBPJPYmicro	27-08-18	09:32-11:30			142.778	27-08-18 09:46	110984.096	Other	NA	Electronic	142.778	142.811
GBPJPYmicro	27-08-18	11:32-13:30			142.815	27-08-18 11:32	1109.84096	Other	NA	Electronic	142.815	142.846
GBPJPYmicro	27-08-18	13:30-13:32	142.99429	22196.8192								
GBPJPYmicro	27-08-18	15:32-17:30			143.098	27-08-18 15:32	55.49204799	Other	NA	Electronic	143.098	143.132
GBPJPYmicro	28-08-18	09:32-11:30			143.324	28-08-18 09:33	44.39363839	Other	NA	Electronic	143.324	143.355
GBPJPYmicro	28-08-18	11:30-11:32	143.285	12219.34897								
GBPJPYmicro	28-08-18	13:30-13:32	143.51822	2119.796233								

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GBPJPYmicro	28-08-18	15:30-15:32	143.17533	9167.286328								
GBPJPYmicro	29-08-18	09:30-09:32	143.27433	3362.818108								
GBPJPYmicro	29-08-18	11:32-13:30			143.387	29-08-18 11:35	1109.84096	Other	NA	Electronic	143.354	143.387
GBPJPYmicro	29-08-18	13:30-13:32	143.414	13329.18993								
GBPJPYmicro	29-08-18	15:30-15:32	145.30075	8501.381752								
GBPJPYmicro	30-08-18	09:32-11:30			145.09	30-08-18 09:32	6659.045759	Other	NA	Electronic	145.09	145.119
GBPJPYmicro	30-08-18	11:32-13:30			145.078	30-08-18 11:32	277.4602399	Other	NA	Electronic	145.078	145.107
GBPJPYmicro	30-08-18	13:30-13:32	144.72308	176542.4015								
GBPJPYmicro	30-08-18	15:30-15:32	144.56188	223466.4773								
GBPJPYmicro	31-08-18	09:32-11:30			144.145	31-08-18 09:32	388.4443359	Other	NA	Electronic	144.145	144.174
GBPJPYmicro	31-08-18	11:30-11:32	143.952	221.968192								
GBPJPYmicro	31-08-18	13:30-13:32	143.65225	37790.08468								
GBPJPYmicro	31-08-18	15:30-15:32	143.876	11.0984096								
GBPJPYmicro	03-09-18	09:30-09:32	142.94879	126233.3108								
GBPJPYmicro	03-09-18	11:30-11:32	143	44726.59068								



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GBPJPYmicro	03-09-18	13:30-13:32	143.046	5715.680943								
GBPJPYmicro	03-09-18	15:30-15:32	143.1194	110.984096								
GBPJPYmicro	04-09-18	09:30-09:32	142.77358	71939.89101								
GBPJPYmicro	04-09-18	11:30-11:32	142.6925	16669.81122								
GBPJPYmicro	04-09-18	13:30-13:32	143.0505	876.7743582								
GBPJPYmicro	04-09-18	15:30-15:32	142.832	66590.45759								
GBPJPYmicro	05-09-18	09:30-09:32	142.942	4561.446345								
GBPJPYmicro	05-09-18	11:30-11:32	143.004	116888.4499								
GBPJPYmicro	05-09-18	13:30-13:32	144.91736	88742.88314								
GBPJPYmicro	05-09-18	15:30-15:32	143.729	345016.2592								
GBPJPYmicro	06-09-18	09:30-09:32	143.927	665.9045759								
GBPJPYmicro	06-09-18	11:30-11:32	143.995	221.968192								
GBPJPYmicro	06-09-18	13:30-13:32	143.835	854.577539								
GBPJPYmicro	06-09-18	15:30-15:32	143.427	1276.317104								
GBPJPYmicro	07-09-18	09:30-09:32	143.3194	3240.735603								

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GBPJPYmicro	07-09-18	11:30-11:32	144.044	1908.926451								
GBPJPYmicro	07-09-18	13:30-13:32	143.802	2341.764425								
GBPJPYmicro	07-09-18	15:32-17:30			143.932	07-09-18 15:33	166.476144	Other	NA	Electronic	143.903	143.932
GBPJPYmicro	10-09-18	09:30-09:32	143.93675	2818.996038								
GBPJPYmicro	10-09-18	11:30-11:32	143.656	14427.93248								
GBPJPYmicro	10-09-18	13:30-13:32	144.867	111650.0006								
GBPJPYmicro	10-09-18	15:32-17:30			144.718	10-09-18 15:34	1220.825056	Other	NA	Electronic	144.718	144.747
GBPJPYmicro	11-09-18	09:30-09:32	145.1755	2275.173968								
GBPJPYmicro	11-09-18	11:30-11:32	145.027	11.0984096								
GBPJPYmicro	11-09-18	13:30-13:32	144.78	776.8886719								
GBPJPYmicro	11-09-18	15:30-15:32	144.903	110.984096								
GBPJPYmicro	12-09-18	09:30-09:32	145.264	5771.172991								
GBPJPYmicro	12-09-18	11:30-11:32	144.881	332.9522879								
GBPJPYmicro	12-09-18	13:30-13:32	144.758	72139.66239								
GBPJPYmicro	12-09-18	15:30-15:32	145.257	114535.5871								

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GBPJPYmicro	13-09-18	09:30-09:32	145.502	28478.51903								
GBPJPYmicro	13-09-18	11:30-11:32	145.5	110.984096								
GBPJPYmicro	13-09-18	13:30-13:32	146.11961	38722.35109								
GBPJPYmicro	13-09-18	15:32-17:30			146.625	13-09-18 15:32	1109.84096	Other	NA	Electronic	146.625	146.655
GBPJPYmicro	14-09-18	09:30-09:32	146.742	3229.637193								
GBPJPYmicro	14-09-18	11:32-13:30			146.756	14-09-18 11:32	2563.732617	Other	NA	Electronic	146.756	146.785
GBPJPYmicro	14-09-18	13:32-15:30			146.755	14-09-18 13:33	443.9363839	Other	NA	Electronic	146.723	146.755
GBPJPYmicro	14-09-18	15:30-15:32	146.723	110.984096								
GBPJPYmicro	17-09-18	09:30-09:32	146.575	332.9522879								
GBPJPYmicro	17-09-18	11:30-11:32	146.954	1664.76144								
GBPJPYmicro	17-09-18	13:30-13:32	147.307	55.49204799								
GBPJPYmicro	17-09-18	15:30-15:32	147.1274	4994.284319								
GBPJPYmicro	18-09-18	09:30-09:32	146.87111	85391.16345								
GBPJPYmicro	18-09-18	11:30-11:32	147.171	84836.24297								
GBPJPYmicro	18-09-18	13:30-13:32	147.62917	10354.81615								

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GBPJPYmicro	18-09-18	15:30-15:32	147.692	55.49204799								
GBPJPYmicro	19-09-18	09:30-09:32	148.0772	31197.62938								
GBPJPYmicro	19-09-18	11:30-11:32	147.53692	9700.009989								
GBPJPYmicro	19-09-18	13:30-13:32	147.487	477.2316127								
GBPJPYmicro	19-09-18	15:30-15:32	147.60883	2630.323075								
GBPJPYmicro	20-09-18	09:30-09:32	148.31325	3140.849916								
GBPJPYmicro	20-09-18	11:30-11:32	148.84421	284885.076								
GBPJPYmicro	20-09-18	13:32-15:30			148.962	20-09-18 13:32	55.49204799	Other	NA	Electronic	148.962	148.991
GBPJPYmicro	20-09-18	15:30-15:32	148.969	155.3777344								
GBPJPYmicro	21-09-18	09:30-09:32	148.77267	9244.975195								
GBPJPYmicro	21-09-18	11:30-11:32	148.73773	1531.580525								
GBPJPYmicro	21-09-18	13:30-13:32	147.39513	521414.3813								
GBPJPYmicro	21-09-18	15:30-15:32	147.286	110.984096								
GBPJPYmicro	24-09-18	09:30-09:32	147.80533	8434.791294								
GBPJPYmicro	24-09-18	11:30-11:32	147.97275	1143.136189								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPYmicro	24-09-18	13:30-13:32	148.186	25526.34208								
GBPJPYmicro	24-09-18	15:30-15:32	147.922	3329.522879								
GBPJPYmicro	25-09-18	09:30-09:32	148.35	266.3618303								
GBPJPYmicro	25-09-18	11:32-13:30			148.446	25-09-18 11:32	55.49204799	Other	NA	Electronic	148.446	148.475
GBPJPYmicro	25-09-18	13:30-13:32	148.34467	11398.06666								
GBPJPYmicro	25-09-18	15:30-15:32	148.489	4450.462249								
GBPJPYmicro	26-09-18	09:32-11:30			148.618	26-09-18 09:34	2230.780329	Other	NA	Electronic	148.618	148.647
GBPJPYmicro	26-09-18	11:30-11:32	148.5	5993.141183								
GBPJPYmicro	26-09-18	13:30-13:32	148.6835	88.78727678								
GBPJPYmicro	26-09-18	15:30-15:32	148.88433	16514.43348								
GBPJPYmicro	27-09-18	09:32-11:30			147.973	27-09-18 09:34	23528.62835	Other	NA	Electronic	147.973	148.002
GBPJPYmicro	27-09-18	11:30-11:32	148.12046	85690.82051								
GBPJPYmicro	27-09-18	13:32-15:30			148.3	27-09-18 13:32	38855.532	Other	NA	Electronic	148.3	148.331
GBPJPYmicro	27-09-18	15:30-15:32	148.46486	18989.37882								
GBPJPYmicro	28-09-18	09:30-09:32	148.2005	1220.825056								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPJPYmicro	28-09-18	11:30-11:32	148.0115	221.968192								
GBPJPYmicro	28-09-18	13:30-13:32	147.743	1254.120285								
GBPJPYmicro	28-09-18	15:30-15:32	148.02663	33106.55583								
GBPNOK	02-07-18	09:32-11:30			10.73707	02-07-18 09:51	5549.204799	Other	NA	Electronic	10.73707	10.74374
GBPNOK	02-07-18	11:32-13:30			10.71914	02-07-18 12:06	1109.84096	Other	NA	Electronic	10.71914	10.72584
GBPNOK	02-07-18	13:32-15:30			10.73726	02-07-18 13:32	1109.84096	Other	NA	Electronic	10.73726	10.74351
GBPNOK	02-07-18	15:32-17:30			10.75323	02-07-18 16:56	1109.84096	Other	NA	Electronic	10.75323	10.75994
GBPNOK	03-07-18	09:32-11:30			10.71737	03-07-18 10:06	1109.84096	Other	NA	Electronic	10.71063	10.71737
GBPNOK	03-07-18	11:32-13:30			10.71308	03-07-18 13:27	1109.84096	Other	NA	Electronic	10.71314	10.71984
GBPNOK	03-07-18	13:32-15:30			10.7251	03-07-18 14:58	1109.84096	Other	NA	Electronic	10.71876	10.72501
GBPNOK	03-07-18	15:32-17:30			10.71097	03-07-18 17:00	1109.84096	Other	NA	Electronic	10.71102	10.71863
GBPNOK	04-07-18	11:32-13:30			10.7277	04-07-18 11:49	1109.84096	Other	NA	Electronic	10.72145	10.7277
GBPNOK	04-07-18	13:32-15:30			10.70458	04-07-18 14:07	1109.84096	Other	NA	Electronic	10.70458	10.71149
GBPNOK	05-07-18	09:32-11:30			10.69175	05-07-18 09:36	55492.04799	Other	NA	Electronic	10.68492	10.69176
GBPNOK	05-07-18	11:32-13:30			10.68965	05-07-18 12:48	1109.84096	Other	NA	Electronic	10.68294	10.68953

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNOK	05-07-18	13:32-15:30			10.63116	05-07-18 13:50	1109.84096	Other	NA	Electronic	10.62438	10.63116
GBPNOK	05-07-18	15:32-17:30			10.64705	05-07-18 16:44	2219.68192	Other	NA	Electronic	10.64032	10.64705
GBPNOK	06-07-18	13:32-15:30			10.64903	06-07-18 14:13	2219.68192	Other	NA	Electronic	10.64903	10.6558
GBPNOK	09-07-18	11:32-13:30			10.69162	09-07-18 13:13	1109.84096	Other	NA	Electronic	10.68486	10.69162
GBPNOK	09-07-18	13:32-15:30			10.6751	09-07-18 13:44	4439.363839	Other	NA	Electronic	10.67503	10.68212
GBPNOK	09-07-18	15:32-17:30			10.60445	09-07-18 15:46	11098.4096	Other	NA	Electronic	10.60445	10.61089
GBPNOK	10-07-18	09:32-11:30			10.64141	10-07-18 09:58	1109.84096	Other	NA	Electronic	10.64141	10.64815
GBPNOK	10-07-18	11:32-13:30			10.65893	10-07-18 12:13	5549.204799	Other	NA	Electronic	10.65893	10.66624
GBPNOK	10-07-18	13:32-15:30			10.66457	10-07-18 13:51	9988.568638	Other	NA	Electronic	10.66457	10.67161
GBPNOK	10-07-18	15:32-17:30			10.65296	10-07-18 15:52	11098.4096	Other	NA	Electronic	10.6461	10.65296
GBPNOK	11-07-18	09:32-11:30			10.67916	11-07-18 10:22	11098.4096	Other	NA	Electronic	10.67247	10.67916
GBPNOK	11-07-18	13:32-15:30			10.66365	11-07-18 13:40	55492.04799	Other	NA	Electronic	10.65718	10.6637
GBPNOK	12-07-18	09:32-11:30			10.70437	12-07-18 11:03	11098.4096	Other	NA	Electronic	10.69767	10.70437
GBPNOK	12-07-18	13:32-15:30			10.72193	12-07-18 14:03	116533.3008	Other	NA	Electronic	10.72193	10.72886
GBPNOK	13-07-18	09:32-11:30			10.70361	13-07-18 10:39	1109.84096	Other	NA	Electronic	10.70362	10.70987

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNOK	13-07-18	11:32-13:30			10.71562	13-07-18 11:37	1109.84096	Other	NA	Electronic	10.70823	10.71562
GBPNOK	13-07-18	13:32-15:30			10.73019	13-07-18 14:23	1109.84096	Other	NA	Electronic	10.73019	10.73689
GBPNOK	16-07-18	09:32-11:30			10.74419	16-07-18 10:04	5549.204799	Other	NA	Electronic	10.73711	10.74419
GBPNOK	16-07-18	13:32-15:30			10.73486	16-07-18 13:50	110984.096	Other	NA	Electronic	10.73486	10.74156
GBPNOK	17-07-18	11:32-13:30			10.68997	17-07-18 11:32	1109.84096	Other	NA	Electronic	10.68997	10.6967
GBPNOK	17-07-18	13:32-15:30			10.68924	17-07-18 14:07	1109.84096	Other	NA	Electronic	10.68297	10.68923
GBPNOK	18-07-18	13:32-15:30			10.66437	18-07-18 14:57	1109.84096	Other	NA	Electronic	10.66443	10.67114
GBPNOK	18-07-18	15:32-17:30			10.66005	18-07-18 16:01	1109.84096	Other	NA	Electronic	10.66005	10.66673
GBPNOK	19-07-18	09:32-11:30			10.72584	19-07-18 10:06	1109.84096	Other	NA	Electronic	10.71927	10.72584
GBPNOK	20-07-18	09:32-11:30			10.68516	20-07-18 09:42	1109.84096	Other	NA	Electronic	10.68516	10.69231
GBPNOK	20-07-18	11:32-13:30			10.73501	20-07-18 12:08	11098.4096	Other	NA	Electronic	10.72844	10.73501
GBPNOK	20-07-18	13:32-15:30			10.72757	20-07-18 13:52	2219.68192	Other	NA	Electronic	10.72088	10.72757
GBPNOK	23-07-18	09:32-11:30			10.70661	23-07-18 10:04	1109.84096	Other	NA	Electronic	10.70661	10.71285
GBPNOK	23-07-18	11:32-13:30			10.72054	23-07-18 11:33	1109.84096	Other	NA	Electronic	10.7143	10.72054
GBPNOK	25-07-18	09:32-11:30			10.7359	25-07-18 10:04	1109.84096	Other	NA	Electronic	10.73605	10.74229



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GBPNOK	25-07-18	11:32-13:30			10.75015	25-07-18 12:05	2219.68192	Other	NA	Electronic	10.7439	10.75015
GBPNOK	25-07-18	13:32-15:30			10.75117	25-07-18 14:04	5549.204799	Other	NA	Electronic	10.74416	10.75117
GBPNOK	25-07-18	15:32-17:30			10.74959	25-07-18 15:40	11098.4096	Other	NA	Electronic	10.74289	10.74959
GBPNOK	26-07-18	09:32-11:30			10.74764	26-07-18 10:00	1109.84096	Other	NA	Electronic	10.74084	10.74764
GBPNOK	26-07-18	11:32-13:30			10.74257	26-07-18 12:03	1109.84096	Other	NA	Electronic	10.73632	10.74257
GBPNOK	26-07-18	13:32-15:30			10.74245	26-07-18 14:45	1109.84096	Other	NA	Electronic	10.7362	10.74245
GBPNOK	26-07-18	15:32-17:30			10.71986	26-07-18 16:05	1109.84096	Other	NA	Electronic	10.71986	10.72656
GBPNOK	27-07-18	11:32-13:30			10.72276	27-07-18 13:26	1109.84096	Other	NA	Electronic	10.72276	10.72975
GBPNOK	30-07-18	13:32-15:30			10.69182	30-07-18 14:25	1109.84096	Other	NA	Electronic	10.69182	10.69806
GBPNOK	31-07-18	13:32-15:30			10.67951	31-07-18 14:54	1109.84096	Other	NA	Electronic	10.67289	10.67957
GBPNOK	01-08-18	11:32-13:30			10.72325	01-08-18 12:31	1109.84096	Other	NA	Electronic	10.71701	10.72325
GBPNOK	02-08-18	09:32-11:30			10.74616	02-08-18 10:17	1109.84096	Other	NA	Electronic	10.74616	10.7529
GBPNOK	03-08-18	11:32-13:30			10.70654	03-08-18 12:34	1109.84096	Other	NA	Electronic	10.70654	10.71493
GBPNOK	03-08-18	13:32-15:30			10.72351	03-08-18 15:01	1109.84096	Other	NA	Electronic	10.71726	10.72351
GBPNOK	07-08-18	09:32-11:30			10.63862	07-08-18 09:54	188672.9632	Other	NA	Electronic	10.63862	10.6453

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNOK	09-08-18	09:32-11:30			10.62072	09-08-18 10:25	2219.68192	Other	NA	Electronic	10.61373	10.62076
GBPNOK	09-08-18	13:32-15:30			10.64094	09-08-18 14:53	1109.84096	Other	NA	Electronic	10.63443	10.64094
GBPNOK	10-08-18	09:32-11:30			10.64966	10-08-18 09:58	22196.8192	Other	NA	Electronic	10.64966	10.65617
GBPNOK	10-08-18	13:32-15:30			10.67629	10-08-18 15:18	17757.45536	Other	NA	Electronic	10.67629	10.68295
GBPNOK	13-08-18	09:32-11:30			10.67157	13-08-18 10:34	16647.6144	Other	NA	Electronic	10.67157	10.67825
GBPNOK	14-08-18	09:32-11:30			10.67015	14-08-18 10:14	1109.84096	Other	NA	Electronic	10.67003	10.67648
GBPNOK	14-08-18	11:32-13:30			10.66893	14-08-18 12:07	123192.3465	Other	NA	Electronic	10.66241	10.66893
GBPNOK	14-08-18	13:32-15:30			10.67832	14-08-18 14:51	1109.84096	Other	NA	Electronic	10.67187	10.67832
GBPNOK	15-08-18	11:32-13:30			10.71223	15-08-18 13:06	1109.84096	Other	NA	Electronic	10.71223	10.71823
GBPNOK	15-08-18	13:32-15:30			10.75747	15-08-18 15:02	1109.84096	Other	NA	Electronic	10.75054	10.7575
GBPNOK	15-08-18	15:32-17:30			10.75435	15-08-18 16:36	1109.84096	Other	NA	Electronic	10.74788	10.75435
GBPNOK	16-08-18	09:32-11:30			10.75491	16-08-18 10:23	1109.84096	Other	NA	Electronic	10.74827	10.75491
GBPNOK	16-08-18	11:32-13:30			10.73379	16-08-18 11:35	2219.68192	Other	NA	Electronic	10.73379	10.74025
GBPNOK	17-08-18	11:32-13:30			10.78719	17-08-18 13:21	2219.68192	Other	NA	Electronic	10.78719	10.79365
GBPNOK	21-08-18	09:32-11:30			10.79712	21-08-18 10:08	2219.68192	Other	NA	Electronic	10.79712	10.8039

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GBPNOK	21-08-18	11:32-13:30			10.81341	21-08-18 12:03	2219.68192	Other	NA	Electronic	10.8074	10.81339
GBPNOK	21-08-18	13:32-15:30			10.83136	21-08-18 14:01	1109.84096	Other	NA	Electronic	10.82536	10.83136
GBPNOK	22-08-18	11:32-13:30			10.77378	22-08-18 13:02	22196.8192	Other	NA	Electronic	10.77378	10.78022
GBPNOK	22-08-18	13:32-15:30			10.79481	22-08-18 13:45	22196.8192	Other	NA	Electronic	10.78838	10.79481
GBPNOK	23-08-18	09:32-11:30			10.72922	23-08-18 09:42	1109.84096	Other	NA	Electronic	10.72922	10.73592
GBPNOK	23-08-18	11:32-13:30			10.74141	23-08-18 11:37	11098.4096	Other	NA	Electronic	10.74141	10.74799
GBPNOK	23-08-18	13:32-15:30			10.73524	23-08-18 13:53	2219.68192	Other	NA	Electronic	10.72873	10.73524
GBPNOK	24-08-18	13:32-15:30			10.71137	24-08-18 14:58	16647.6144	Other	NA	Electronic	10.70532	10.71137
GBPNOK	24-08-18	15:32-17:30			10.70149	24-08-18 15:45	1109.84096	Other	NA	Electronic	10.70147	10.70797
GBPNOK	29-08-18	11:32-13:30			10.76221	29-08-18 13:15	9988.568638	Other	NA	Electronic	10.75617	10.76221
GBPNOK	29-08-18	13:32-15:30			10.77629	29-08-18 13:57	9988.568638	Other	NA	Electronic	10.77629	10.78289
GBPNOK	29-08-18	15:32-17:30			10.84529	29-08-18 15:36	9988.568638	Other	NA	Electronic	10.84529	10.85127
GBPNOK	30-08-18	11:32-13:30			10.83319	30-08-18 11:52	1109.84096	Other	NA	Electronic	10.82665	10.83319
GBPNOK	31-08-18	13:32-15:30			10.86597	31-08-18 14:58	9988.568638	Other	NA	Electronic	10.86597	10.87436
GBPNOK	03-09-18	13:32-15:30			10.76662	03-09-18 14:06	1109.84096	Other	NA	Electronic	10.75964	10.76662

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GBPNOK	05-09-18	11:32-13:30			10.88119	05-09-18 13:09	9988.568638	Other	NA	Electronic	10.88119	10.88925
GBPNOK	05-09-18	13:32-15:30			10.88578	05-09-18 15:09	1109.84096	Other	NA	Electronic	10.88578	10.89231
GBPNOK	05-09-18	15:32-17:30			10.84644	05-09-18 16:42	9988.568638	Other	NA	Electronic	10.8397	10.84644
GBPNOK	06-09-18	09:32-11:30			10.85369	06-09-18 09:41	9988.568638	Other	NA	Electronic	10.85369	10.85976
GBPNOK	06-09-18	13:32-15:30			10.88155	06-09-18 14:39	9988.568638	Other	NA	Electronic	10.8749	10.88155
GBPNOK	06-09-18	15:32-17:30			10.90089	06-09-18 17:29	9988.568638	Other	NA	Electronic	10.89324	10.90089
GBPNOK	07-09-18	09:32-11:30			10.90803	07-09-18 10:29	9988.568638	Other	NA	Electronic	10.90803	10.91472
GBPNOK	07-09-18	11:32-13:30			10.93264	07-09-18 13:22	9988.568638	Other	NA	Electronic	10.93264	10.93926
GBPNOK	07-09-18	13:32-15:30			10.91778	07-09-18 15:01	1109.84096	Other	NA	Electronic	10.91061	10.91778
GBPNOK	11-09-18	09:32-11:30			10.89622	11-09-18 10:57	24416.50112	Other	NA	Electronic	10.89014	10.89622
GBPNOK	12-09-18	09:32-11:30			10.81064	12-09-18 11:29	1109.84096	Other	NA	Electronic	10.80347	10.81063
GBPNOK	12-09-18	15:32-17:30			10.76392	12-09-18 16:11	1109.84096	Other	NA	Electronic	10.75731	10.76392
GBPNOK	14-09-18	11:32-13:30			10.76403	14-09-18 11:59	27746.02399	Other	NA	Electronic	10.76249	10.77187
GBPNOK	17-09-18	11:32-13:30			10.75949	17-09-18 12:20	1109.84096	Other	NA	Electronic	10.75949	10.76569
GBPNOK	17-09-18	13:32-15:30			10.75006	17-09-18 14:57	1109.84096	Other	NA	Electronic	10.74392	10.75006

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GBPNOK	18-09-18	09:32-11:30			10.74817	18-09-18 10:49	1109.84096	Other	NA	Electronic	10.74178	10.74817
GBPNOK	18-09-18	11:32-13:30			10.72773	18-09-18 13:05	1109.84096	Other	NA	Electronic	10.72142	10.72753
GBPNOK	20-09-18	09:32-11:30			10.8529	20-09-18 10:41	1109.84096	Other	NA	Electronic	10.84662	10.8529
GBPNOK	20-09-18	11:32-13:30			10.81343	20-09-18 11:41	1109.84096	Other	NA	Electronic	10.81343	10.82031
GBPNOK	21-09-18	11:32-13:30			10.66909	21-09-18 13:09	9988.568638	Other	NA	Electronic	10.66909	10.67641
GBPNOK	21-09-18	13:32-15:30			10.65625	21-09-18 14:35	1109.84096	Other	NA	Electronic	10.64938	10.65625
GBPNOK	21-09-18	15:32-17:30			10.6691	21-09-18 17:26	1109.84096	Other	NA	Electronic	10.66162	10.6691
GBPNOK	25-09-18	09:32-11:30			10.69975	25-09-18 10:04	1109.84096	Other	NA	Electronic	10.69975	10.70629
GBPNOK	27-09-18	09:32-11:30			10.67821	27-09-18 09:36	1109.84096	Other	NA	Electronic	10.6715	10.67821
GBPNOK	27-09-18	11:32-13:30			10.66744	27-09-18 12:10	1109.84096	Other	NA	Electronic	10.66744	10.67396
GBPNOK	28-09-18	09:32-11:30			10.65588	28-09-18 09:39	1109.84096	Other	NA	Electronic	10.65595	10.66284
GBPNOK	28-09-18	13:32-15:30			10.62093	28-09-18 14:06	1109.84096	Other	NA	Electronic	10.62093	10.6272
GBPNOK	28-09-18	15:32-17:30			10.61384	28-09-18 15:43	1109.84096	Other	NA	Electronic	10.60706	10.61384
GBPNOK.	18-07-18	11:32-13:30			10.66285	18-07-18 12:02	2219.68192	Other	NA	Electronic	10.66253	10.66753
GBPNOK.	30-07-18	15:32-17:30			10.69548	30-07-18 16:17	4439.363839	Other	NA	Electronic	10.69041	10.69548

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GBPNOK.	07-08-18	09:32-11:30			10.63841	07-08-18 09:55	5549.204799	Other	NA	Electronic	10.63848	10.6437
GBPNOK.	13-08-18	09:32-11:30			10.67391	13-08-18 10:43	1109.84096	Other	NA	Electronic	10.67391	10.67877
GBPNOK.	15-08-18	13:32-15:30			10.76013	15-08-18 15:05	1109.84096	Other	NA	Electronic	10.75516	10.76013
GBPNOK.	29-08-18	11:32-13:30			10.76692	29-08-18 12:51	5549.204799	Other	NA	Electronic	10.76234	10.76692
GBPNOK.	29-08-18	13:32-15:30			10.83641	29-08-18 14:00	5549.204799	Other	NA	Electronic	10.83641	10.84289
GBPNOK.	30-08-18	09:32-11:30			10.81515	30-08-18 10:07	554920.4799	Other	NA	Electronic	10.81002	10.81515
GBPNOK.	30-08-18	11:32-13:30			10.83913	30-08-18 13:05	110984.096	Other	NA	Electronic	10.83895	10.84421
GBPNOK.	30-08-18	13:32-15:30			10.84773	30-08-18 13:55	55492.04799	Other	NA	Electronic	10.84773	10.85262
GBPNOK.	30-08-18	15:32-17:30			10.85604	30-08-18 15:52	11098.4096	Other	NA	Electronic	10.85604	10.86083
GBPNOK.	31-08-18	09:32-11:30			10.83198	31-08-18 09:40	110984.096	Other	NA	Electronic	10.82719	10.83198
GBPNOK.	31-08-18	11:32-13:30			10.83663	31-08-18 12:32	110984.096	Other	NA	Electronic	10.83663	10.84092
GBPNOK.	31-08-18	13:32-15:30			10.82334	31-08-18 13:52	110984.096	Other	NA	Electronic	10.81855	10.82334
GBPNOK.	31-08-18	15:30-15:32	10.87225	27746.02399								
GBPNOK.	03-09-18	09:32-11:30			10.75671	03-09-18 10:06	1664761.44	Other	NA	Electronic	10.75671	10.76181
GBPNOK.	03-09-18	11:32-13:30			10.74722	03-09-18 12:19	221968.192	Other	NA	Electronic	10.7472	10.75196

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GBPNOK.	05-09-18	13:32-15:30			10.89909	05-09-18 14:01	2219.68192	Other	NA	Electronic	10.89909	10.90396
GBPNOK.	05-09-18	15:32-17:30			10.85296	05-09-18 16:20	22196.8192	Other	NA	Electronic	10.84847	10.85296
GBPNOK.	06-09-18	13:32-15:30			10.88993	06-09-18 14:58	11098.4096	Other	NA	Electronic	10.88993	10.89466
GBPNOK.	06-09-18	15:32-17:30			10.89342	06-09-18 15:33	5549.204799	Other	NA	Electronic	10.89342	10.89832
GBPNOK.	07-09-18	09:32-11:30			10.94789	07-09-18 11:18	11098.4096	Other	NA	Electronic	10.94789	10.95273
GBPNOK.	07-09-18	11:32-13:30			10.9404	07-09-18 11:42	55492.04799	Other	NA	Electronic	10.93537	10.9404
GBPNOK.	10-09-18	11:32-13:30			10.91077	10-09-18 13:19	5549.204799	Other	NA	Electronic	10.90508	10.91077
GBPNOK.	11-09-18	11:32-13:30			10.84273	11-09-18 12:03	5549.204799	Other	NA	Electronic	10.84273	10.85819
GBPNOKmicro	02-07-18	09:32-11:30			10.74748	02-07-18 09:42	610.4125279	Other	NA	Electronic	10.74123	10.74748
GBPNOKmicro	02-07-18	11:32-13:30			10.72982	02-07-18 12:23	55492.04799	Other	NA	Electronic	10.72308	10.72977
GBPNOKmicro	02-07-18	13:32-15:30			10.755	02-07-18 14:50	55492.04799	Other	NA	Electronic	10.75538	10.76226
GBPNOKmicro	02-07-18	15:32-17:30			10.75631	02-07-18 16:02	610.4125279	Other	NA	Electronic	10.75631	10.76261
GBPNOKmicro	03-07-18	09:32-11:30			10.72745	03-07-18 09:41	55492.04799	Other	NA	Electronic	10.72075	10.72745
GBPNOKmicro	03-07-18	11:32-13:30			10.71086	03-07-18 11:53	55492.04799	Other	NA	Electronic	10.70416	10.71086
GBPNOKmicro	03-07-18	13:32-15:30			10.70699	03-07-18 14:34	55492.04799	Other	NA	Electronic	10.70024	10.70693

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GBPNOKmicro	03-07-18	15:32-17:30			10.7338	03-07-18 15:41	144.2793248	Other	NA	Electronic	10.7271	10.7338
GBPNOKmicro	04-07-18	09:32-11:30			10.72902	04-07-18 09:43	1154.234598	Other	NA	Electronic	10.72221	10.72902
GBPNOKmicro	04-07-18	13:32-15:30			10.71133	04-07-18 14:19	221.968192	Other	NA	Electronic	10.70457	10.71133
GBPNOKmicro	04-07-18	15:32-17:30			10.72825	04-07-18 16:32	110984.096	Other	NA	Electronic	10.72125	10.72825
GBPNOKmicro	05-07-18	09:30-09:32	10.69836	665.9045759								
GBPNOKmicro	05-07-18	11:32-13:30			10.69576	05-07-18 12:26	27746.02399	Other	NA	Electronic	10.68934	10.69576
GBPNOKmicro	05-07-18	13:30-13:32	10.65126	110.984096								
GBPNOKmicro	05-07-18	15:32-17:30			10.64322	05-07-18 15:50	5660.188895	Other	NA	Electronic	10.63602	10.64322
GBPNOKmicro	06-07-18	11:32-13:30			10.66605	06-07-18 12:08	332.9522879	Other	NA	Electronic	10.65926	10.66605
GBPNOKmicro	06-07-18	13:32-15:30			10.6525	06-07-18 14:11	83238.07198	Other	NA	Electronic	10.6525	10.65941
GBPNOKmicro	09-07-18	09:32-11:30			10.66068	09-07-18 09:52	332.9522879	Other	NA	Electronic	10.65435	10.66059
GBPNOKmicro	09-07-18	11:32-13:30			10.6738	09-07-18 12:21	2219.68192	Other	NA	Electronic	10.66703	10.6738
GBPNOKmicro	09-07-18	13:32-15:30			10.68484	09-07-18 13:32	554.9204799	Other	NA	Electronic	10.68484	10.69177
GBPNOKmicro	09-07-18	15:32-17:30			10.60638	09-07-18 15:44	55.49204799	Other	NA	Electronic	10.60626	10.6131
GBPNOKmicro	10-07-18	09:32-11:30			10.64973	10-07-18 09:33	110.984096	Other	NA	Electronic	10.64267	10.64973



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GBPNOKmicro	10-07-18	11:32-13:30			10.65867	10-07-18 11:44	11.0984096	Other	NA	Electronic	10.65198	10.65867
GBPNOKmicro	10-07-18	13:32-15:30			10.67276	10-07-18 13:53	332.9522879	Other	NA	Electronic	10.66532	10.67272
GBPNOKmicro	10-07-18	15:32-17:30			10.664	10-07-18 15:35	554.9204799	Other	NA	Electronic	10.6572	10.664
GBPNOKmicro	11-07-18	09:32-11:30			10.67829	11-07-18 10:59	110.984096	Other	NA	Electronic	10.67829	10.68504
GBPNOKmicro	11-07-18	11:32-13:30			10.66209	11-07-18 13:09	499.4284319	Other	NA	Electronic	10.65534	10.66209
GBPNOKmicro	11-07-18	13:32-15:30			10.66205	11-07-18 14:54	1109.84096	Other	NA	Electronic	10.66197	10.66872
GBPNOKmicro	11-07-18	15:32-17:30			10.66993	11-07-18 15:35	2219.68192	Other	NA	Electronic	10.66993	10.67703
GBPNOKmicro	12-07-18	09:32-11:30			10.71041	12-07-18 11:07	1109.84096	Other	NA	Electronic	10.7037	10.71041
GBPNOKmicro	12-07-18	11:32-13:30			10.70619	12-07-18 11:52	110.984096	Other	NA	Electronic	10.70619	10.71339
GBPNOKmicro	12-07-18	13:32-15:30			10.71028	12-07-18 13:34	55492.04799	Other	NA	Electronic	10.71032	10.71713
GBPNOKmicro	12-07-18	15:32-17:30			10.71429	12-07-18 16:11	110.984096	Other	NA	Electronic	10.71429	10.72099
GBPNOKmicro	13-07-18	09:32-11:30			10.71859	13-07-18 11:02	721.3966239	Other	NA	Electronic	10.71859	10.72485
GBPNOKmicro	13-07-18	11:32-13:30			10.73107	13-07-18 11:55	110.984096	Other	NA	Electronic	10.72435	10.73105
GBPNOKmicro	13-07-18	13:32-15:30			10.73096	13-07-18 13:43	332.9522879	Other	NA	Electronic	10.73096	10.73738
GBPNOKmicro	13-07-18	15:32-17:30			10.73799	13-07-18 15:39	554.9204799	Other	NA	Electronic	10.73799	10.74481

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GBPNOKmicro	16-07-18	11:32-13:30			10.73541	16-07-18 11:47	110.984096	Other	NA	Electronic	10.73527	10.74197
GBPNOKmicro	16-07-18	13:32-15:30			10.73786	16-07-18 13:48	22196.8192	Other	NA	Electronic	10.73117	10.73786
GBPNOKmicro	16-07-18	15:32-17:30			10.72602	16-07-18 15:33	55492.04799	Other	NA	Electronic	10.71981	10.72605
GBPNOKmicro	17-07-18	09:32-11:30			10.70017	17-07-18 11:16	1109.84096	Other	NA	Electronic	10.69364	10.70004
GBPNOKmicro	17-07-18	11:32-13:30			10.69082	17-07-18 12:20	443.9363839	Other	NA	Electronic	10.68391	10.69092
GBPNOKmicro	17-07-18	13:32-15:30			10.67959	17-07-18 13:35	221.968192	Other	NA	Electronic	10.67955	10.6858
GBPNOKmicro	17-07-18	15:32-17:30			10.70636	17-07-18 15:58	554.9204799	Other	NA	Electronic	10.7063	10.71273
GBPNOKmicro	18-07-18	09:32-11:30			10.65923	18-07-18 09:41	24416.50112	Other	NA	Electronic	10.65294	10.65923
GBPNOKmicro	18-07-18	11:32-13:30			10.6619	18-07-18 11:46	3329.522879	Other	NA	Electronic	10.65521	10.6619
GBPNOKmicro	18-07-18	13:32-15:30			10.68538	18-07-18 13:52	665.9045759	Other	NA	Electronic	10.68538	10.69228
GBPNOKmicro	18-07-18	15:32-17:30			10.65243	18-07-18 16:10	55.49204799	Other	NA	Electronic	10.65243	10.65911
GBPNOKmicro	19-07-18	09:32-11:30			10.73086	19-07-18 10:10	122.0825056	Other	NA	Electronic	10.7241	10.73086
GBPNOKmicro	19-07-18	11:32-13:30			10.70367	19-07-18 11:42	122.0825056	Other	NA	Electronic	10.704	10.71025
GBPNOKmicro	19-07-18	13:32-15:30			10.70875	19-07-18 14:04	244.1650112	Other	NA	Electronic	10.70206	10.70875
GBPNOKmicro	19-07-18	15:32-17:30			10.70506	19-07-18 17:23	2219.68192	Other	NA	Electronic	10.69674	10.70511

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GBPNOKmicro	20-07-18	09:32-11:30			10.7239	20-07-18 10:46	665.9045759	Other	NA	Electronic	10.7239	10.73059
GBPNOKmicro	20-07-18	11:32-13:30			10.71466	20-07-18 11:33	110984.096	Other	NA	Electronic	10.71466	10.72135
GBPNOKmicro	20-07-18	13:32-15:30			10.72982	20-07-18 14:11	5549.204799	Other	NA	Electronic	10.72977	10.73668
GBPNOKmicro	24-07-18	09:32-11:30			10.74654	24-07-18 09:35	2996.570591	Other	NA	Electronic	10.73987	10.74667
GBPNOKmicro	24-07-18	11:32-13:30			10.71257	24-07-18 12:50	221.968192	Other	NA	Electronic	10.71257	10.71926
GBPNOKmicro	24-07-18	13:32-15:30			10.73209	24-07-18 15:01	110.984096	Other	NA	Electronic	10.73209	10.73887
GBPNOKmicro	24-07-18	15:32-17:30			10.74661	24-07-18 17:28	554.9204799	Other	NA	Electronic	10.74661	10.75424
GBPNOKmicro	25-07-18	09:32-11:30			10.73961	25-07-18 10:36	8323.807198	Other	NA	Electronic	10.73336	10.73961
GBPNOKmicro	25-07-18	11:32-13:30			10.73961	25-07-18 13:08	8323.807198	Other	NA	Electronic	10.73335	10.7396
GBPNOKmicro	25-07-18	13:32-15:30			10.73979	25-07-18 13:54	11098.4096	Other	NA	Electronic	10.73293	10.73979
GBPNOKmicro	26-07-18	15:32-17:30			10.72622	26-07-18 16:38	554.9204799	Other	NA	Electronic	10.71967	10.72622
GBPNOKmicro	27-07-18	11:32-13:30			10.73587	27-07-18 12:18	11098.4096	Other	NA	Electronic	10.7291	10.73592
GBPNOKmicro	27-07-18	15:32-17:30			10.73448	27-07-18 16:58	33.29522879	Other	NA	Electronic	10.73448	10.74166
GBPNOKmicro	30-07-18	09:32-11:30			10.71113	30-07-18 10:07	566.0188895	Other	NA	Electronic	10.70488	10.71113
GBPNOKmicro	30-07-18	11:32-13:30			10.69627	30-07-18 13:17	11.0984096	Other	NA	Electronic	10.69627	10.70252

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GBPNOKmicro	30-07-18	13:32-15:30			10.68963	30-07-18 14:24	221.968192	Other	NA	Electronic	10.68963	10.69643
GBPNOKmicro	31-07-18	09:32-11:30			10.69351	31-07-18 09:36	665.9045759	Other	NA	Electronic	10.69351	10.70019
GBPNOKmicro	31-07-18	13:32-15:30			10.67877	31-07-18 14:51	665.9045759	Other	NA	Electronic	10.67191	10.67864
GBPNOKmicro	01-08-18	09:32-11:30			10.71194	01-08-18 10:20	11.0984096	Other	NA	Electronic	10.70527	10.71194
GBPNOKmicro	01-08-18	11:32-13:30			10.71147	01-08-18 12:16	11.0984096	Other	NA	Electronic	10.71147	10.71774
GBPNOKmicro	01-08-18	13:32-15:30			10.71956	01-08-18 15:20	11.0984096	Other	NA	Electronic	10.71961	10.72642
GBPNOKmicro	01-08-18	15:32-17:30			10.72537	01-08-18 16:11	665.9045759	Other	NA	Electronic	10.72537	10.73213
GBPNOKmicro	02-08-18	09:32-11:30			10.7363	02-08-18 10:51	110.984096	Other	NA	Electronic	10.7363	10.74332
GBPNOKmicro	02-08-18	11:32-13:30			10.72299	02-08-18 11:47	677.0029855	Other	NA	Electronic	10.7153	10.72299
GBPNOKmicro	02-08-18	13:32-15:30			10.72795	02-08-18 13:48	665.9045759	Other	NA	Electronic	10.72795	10.7342
GBPNOKmicro	02-08-18	15:32-17:30			10.71598	02-08-18 15:49	11.0984096	Other	NA	Electronic	10.716	10.72269
GBPNOKmicro	03-08-18	09:32-11:30			10.72257	03-08-18 10:58	554.9204799	Other	NA	Electronic	10.71632	10.72257
GBPNOKmicro	03-08-18	11:32-13:30			10.7134	03-08-18 11:58	665.9045759	Other	NA	Electronic	10.70667	10.7134
GBPNOKmicro	06-08-18	09:32-11:30			10.68679	06-08-18 10:24	221.968192	Other	NA	Electronic	10.68021	10.68679
GBPNOKmicro	06-08-18	11:32-13:30			10.67728	06-08-18 12:08	110.984096	Other	NA	Electronic	10.67081	10.67705

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GBPNOKmicro	07-08-18	09:32-11:30			10.63499	07-08-18 10:45	554.9204799	Other	NA	Electronic	10.62832	10.63499
GBPNOKmicro	07-08-18	11:32-13:30			10.61603	07-08-18 11:41	122.0825056	Other	NA	Electronic	10.61603	10.62263
GBPNOKmicro	08-08-18	09:32-11:30			10.57527	08-08-18 10:36	554.9204799	Other	NA	Electronic	10.56881	10.57549
GBPNOKmicro	08-08-18	15:32-17:30			10.60749	08-08-18 15:54	5560.303209	Other	NA	Electronic	10.60047	10.60749
GBPNOKmicro	09-08-18	09:32-11:30			10.61369	09-08-18 09:49	1109.84096	Other	NA	Electronic	10.60701	10.61369
GBPNOKmicro	09-08-18	11:32-13:30			10.6244	09-08-18 12:38	1109.84096	Other	NA	Electronic	10.6244	10.63149
GBPNOKmicro	09-08-18	13:32-15:30			10.61957	09-08-18 14:21	5560.303209	Other	NA	Electronic	10.61957	10.62555
GBPNOKmicro	09-08-18	15:32-17:30			10.66182	09-08-18 15:47	554.9204799	Other	NA	Electronic	10.66182	10.66861
GBPNOKmicro	10-08-18	09:32-11:30			10.64153	10-08-18 10:39	110.984096	Other	NA	Electronic	10.63498	10.64153
GBPNOKmicro	10-08-18	11:32-13:30			10.62393	10-08-18 11:56	610.4125279	Other	NA	Electronic	10.61717	10.62393
GBPNOKmicro	10-08-18	13:30-13:32	10.63195	1120.939369								
GBPNOKmicro	10-08-18	15:32-17:30			10.6739	10-08-18 16:31	3329.522879	Other	NA	Electronic	10.6739	10.68046
GBPNOKmicro	13-08-18	09:32-11:30			10.67011	13-08-18 10:38	1109.84096	Other	NA	Electronic	10.67033	10.6769
GBPNOKmicro	13-08-18	11:32-13:30			10.67321	13-08-18 12:08	6659.045759	Other	NA	Electronic	10.67321	10.67939
GBPNOKmicro	13-08-18	13:32-15:30			10.67075	13-08-18 13:46	6659.045759	Other	NA	Electronic	10.66428	10.67075

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GBPNOKmicro	14-08-18	09:32-11:30			10.67552	14-08-18 10:59	665.9045759	Other	NA	Electronic	10.66908	10.67552
GBPNOKmicro	14-08-18	11:32-13:30			10.67026	14-08-18 12:49	110.984096	Other	NA	Electronic	10.67026	10.67631
GBPNOKmicro	14-08-18	13:32-15:30			10.69359	14-08-18 15:13	610.4125279	Other	NA	Electronic	10.69359	10.70032
GBPNOKmicro	15-08-18	13:32-15:30			10.75421	15-08-18 15:00	5549.204799	Other	NA	Electronic	10.74691	10.75421
GBPNOKmicro	15-08-18	15:32-17:30			10.73541	15-08-18 17:27	665.9045759	Other	NA	Electronic	10.72801	10.73541
GBPNOKmicro	16-08-18	09:32-11:30			10.74823	16-08-18 09:56	665.9045759	Other	NA	Electronic	10.74823	10.75455
GBPNOKmicro	16-08-18	11:32-13:30			10.73398	16-08-18 11:35	665.9045759	Other	NA	Electronic	10.73398	10.74047
GBPNOKmicro	16-08-18	15:32-17:30			10.76124	16-08-18 16:04	6659.045759	Other	NA	Electronic	10.76124	10.76783
GBPNOKmicro	17-08-18	09:32-11:30			10.77342	17-08-18 10:02	665.9045759	Other	NA	Electronic	10.77343	10.77943
GBPNOKmicro	20-08-18	09:32-11:30			10.79194	20-08-18 10:30	133.1809152	Other	NA	Electronic	10.79194	10.79794
GBPNOKmicro	20-08-18	11:32-13:30			10.80981	20-08-18 11:45	110.984096	Other	NA	Electronic	10.80981	10.81581
GBPNOKmicro	20-08-18	13:32-15:30			10.82718	20-08-18 14:58	665.9045759	Other	NA	Electronic	10.82061	10.82718
GBPNOKmicro	21-08-18	09:32-11:30			10.80615	21-08-18 09:48	665.9045759	Other	NA	Electronic	10.80615	10.81278
GBPNOKmicro	21-08-18	11:32-13:30			10.8259	21-08-18 11:45	55.49204799	Other	NA	Electronic	10.81991	10.8259
GBPNOKmicro	21-08-18	13:32-15:30			10.82882	21-08-18 14:23	55.49204799	Other	NA	Electronic	10.82882	10.83554

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNOKmicro	21-08-18	15:32-17:30			10.83568	21-08-18 15:58	998.8568638	Other	NA	Electronic	10.82911	10.83568
GBPNOKmicro	22-08-18	09:32-11:30			10.79225	22-08-18 09:54	665.9045759	Other	NA	Electronic	10.78516	10.79225
GBPNOKmicro	22-08-18	13:32-15:30			10.80154	22-08-18 14:34	665.9045759	Other	NA	Electronic	10.80154	10.80752
GBPNOKmicro	22-08-18	15:32-17:30			10.78565	22-08-18 16:31	910.069587	Other	NA	Electronic	10.78565	10.79235
GBPNOKmicro	23-08-18	09:32-11:30			10.73367	23-08-18 09:44	1109.84096	Other	NA	Electronic	10.72762	10.73367
GBPNOKmicro	23-08-18	13:32-15:30			10.73458	23-08-18 14:24	44.39363839	Other	NA	Electronic	10.72796	10.73458
GBPNOKmicro	23-08-18	15:32-17:30			10.73013	23-08-18 15:32	987.7584542	Other	NA	Electronic	10.73013	10.73663
GBPNOKmicro	24-08-18	11:32-13:30			10.7448	24-08-18 13:13	66.59045759	Other	NA	Electronic	10.73875	10.7448
GBPNOKmicro	24-08-18	13:32-15:30			10.7304	24-08-18 14:07	8878.727678	Other	NA	Electronic	10.7236	10.73046
GBPNOKmicro	24-08-18	15:32-17:30			10.70719	24-08-18 15:37	7324.950335	Other	NA	Electronic	10.70065	10.70719
GBPNOKmicro	27-08-18	09:32-11:30			10.72618	27-08-18 10:06	554.9204799	Other	NA	Electronic	10.72618	10.7326
GBPNOKmicro	27-08-18	13:32-15:30			10.73986	27-08-18 13:45	721.3966239	Other	NA	Electronic	10.73986	10.74628
GBPNOKmicro	28-08-18	09:32-11:30			10.70621	28-08-18 10:20	332.9522879	Other	NA	Electronic	10.70621	10.71218
GBPNOKmicro	28-08-18	11:32-13:30			10.71681	28-08-18 12:03	110.984096	Other	NA	Electronic	10.71681	10.72327
GBPNOKmicro	28-08-18	13:30-13:32	10.71673	110.984096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNOKmicro	28-08-18	15:32-17:30			10.73797	28-08-18 16:01	110.984096	Other	NA	Electronic	10.73134	10.73797
GBPNOKmicro	29-08-18	09:32-11:30			10.77597	29-08-18 09:44	110.984096	Other	NA	Electronic	10.77597	10.7824
GBPNOKmicro	29-08-18	13:32-15:30			10.83397	29-08-18 14:31	3662.475167	Other	NA	Electronic	10.83397	10.84092
GBPNOKmicro	29-08-18	15:32-17:30			10.85459	29-08-18 15:46	5549.204799	Other	NA	Electronic	10.85459	10.86127
GBPNOKmicro	30-08-18	11:32-13:30			10.83085	30-08-18 12:58	1109.84096	Other	NA	Electronic	10.83085	10.83684
GBPNOKmicro	30-08-18	13:32-15:30			10.84918	30-08-18 14:25	166.476144	Other	NA	Electronic	10.84918	10.85562
GBPNOKmicro	31-08-18	11:32-13:30			10.84	31-08-18 12:29	110.984096	Other	NA	Electronic	10.83347	10.84
GBPNOKmicro	31-08-18	13:32-15:30			10.87205	31-08-18 15:24	55.49204799	Other	NA	Electronic	10.87205	10.87804
GBPNOKmicro	31-08-18	15:32-17:30			10.86949	31-08-18 17:29	11.0984096	Other	NA	Electronic	10.86943	10.87682
GBPNOKmicro	03-09-18	13:32-15:30			10.76272	03-09-18 14:13	721.3966239	Other	NA	Electronic	10.75618	10.76272
GBPNOKmicro	04-09-18	09:32-11:30			10.77858	04-09-18 11:10	721.3966239	Other	NA	Electronic	10.77858	10.78509
GBPNOKmicro	04-09-18	11:32-13:30			10.7755	04-09-18 11:32	632.6093471	Other	NA	Electronic	10.77562	10.78206
GBPNOKmicro	04-09-18	13:30-13:32	10.805	632.6093471								
GBPNOKmicro	04-09-18	15:32-17:30			10.7847	04-09-18 15:32	632.6093471	Other	NA	Electronic	10.7847	10.79069
GBPNOKmicro	05-09-18	09:32-11:30			10.76326	05-09-18 10:04	2108.697824	Other	NA	Electronic	10.75711	10.76326



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GBPNOKmicro	05-09-18	11:32-13:30			10.89608	05-09-18 13:21	110.984096	Other	NA	Electronic	10.89608	10.90279
GBPNOKmicro	05-09-18	13:32-15:30			10.89088	05-09-18 13:54	721.3966239	Other	NA	Electronic	10.89088	10.89741
GBPNOKmicro	06-09-18	15:32-17:30			10.89251	06-09-18 15:59	110.984096	Other	NA	Electronic	10.88598	10.89251
GBPNOKmicro	07-09-18	09:32-11:30			10.93973	07-09-18 10:45	188.6729632	Other	NA	Electronic	10.93973	10.94752
GBPNOKmicro	07-09-18	11:32-13:30			10.92945	07-09-18 13:01	110.984096	Other	NA	Electronic	10.92945	10.93599
GBPNOKmicro	07-09-18	13:32-15:30			10.93503	07-09-18 14:20	721.3966239	Other	NA	Electronic	10.93503	10.94163
GBPNOKmicro	07-09-18	15:32-17:30			10.91005	07-09-18 15:38	110.984096	Other	NA	Electronic	10.90334	10.91005
GBPNOKmicro	10-09-18	09:32-11:30			10.84242	10-09-18 10:07	110.984096	Other	NA	Electronic	10.83608	10.84273
GBPNOKmicro	10-09-18	11:32-13:30			10.91633	10-09-18 13:00	22.1968192	Other	NA	Electronic	10.90936	10.91633
GBPNOKmicro	10-09-18	13:32-15:30			10.90225	10-09-18 13:35	22.1968192	Other	NA	Electronic	10.89547	10.90225
GBPNOKmicro	10-09-18	15:32-17:30			10.91547	10-09-18 16:25	1120.939369	Other	NA	Electronic	10.91547	10.92253
GBPNOKmicro	11-09-18	09:32-11:30			10.90109	11-09-18 09:48	66.59045759	Other	NA	Electronic	10.90109	10.9073
GBPNOKmicro	11-09-18	11:32-13:30			10.86998	11-09-18 11:58	66.59045759	Other	NA	Electronic	10.86166	10.86984
GBPNOKmicro	11-09-18	13:32-15:30			10.86053	11-09-18 14:26	1120.939369	Other	NA	Electronic	10.85397	10.8605
GBPNOKmicro	11-09-18	15:32-17:30			10.85512	11-09-18 15:41	721.3966239	Other	NA	Electronic	10.84892	10.85512

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GBPNOKmicro	12-09-18	09:32-11:30			10.82818	12-09-18 10:00	8878.727678	Other	NA	Electronic	10.8221	10.82818
GBPNOKmicro	12-09-18	11:32-13:30			10.81316	12-09-18 13:13	721.3966239	Other	NA	Electronic	10.80648	10.81316
GBPNOKmicro	12-09-18	13:32-15:30			10.80315	12-09-18 13:47	721.3966239	Other	NA	Electronic	10.7965	10.80315
GBPNOKmicro	13-09-18	13:32-15:30			10.76802	13-09-18 15:26	1109.84096	Other	NA	Electronic	10.76802	10.77454
GBPNOKmicro	13-09-18	15:32-17:30			10.77723	13-09-18 16:24	8878.727678	Other	NA	Electronic	10.77723	10.78332
GBPNOKmicro	14-09-18	09:32-11:30			10.79962	14-09-18 10:13	344.0506975	Other	NA	Electronic	10.79352	10.79962
GBPNOKmicro	14-09-18	11:32-13:30			10.77513	14-09-18 12:03	1198.628237	Other	NA	Electronic	10.77513	10.78148
GBPNOKmicro	14-09-18	15:32-17:30			10.77341	14-09-18 15:49	1198.628237	Other	NA	Electronic	10.76681	10.77341
GBPNOKmicro	17-09-18	09:32-11:30			10.75714	17-09-18 10:15	721.3966239	Other	NA	Electronic	10.75714	10.76397
GBPNOKmicro	17-09-18	11:32-13:30			10.75759	17-09-18 11:59	11.0984096	Other	NA	Electronic	10.75759	10.7707
GBPNOKmicro	17-09-18	13:32-15:30			10.74078	17-09-18 14:30	55.49204799	Other	NA	Electronic	10.74078	10.7476
GBPNOKmicro	17-09-18	15:32-17:30			10.74693	17-09-18 16:07	721.3966239	Other	NA	Electronic	10.7407	10.74693
GBPNOKmicro	18-09-18	09:32-11:30			10.72292	18-09-18 09:53	55.49204799	Other	NA	Electronic	10.72292	10.7297
GBPNOKmicro	18-09-18	11:32-13:30			10.73694	18-09-18 11:35	2663.618303	Other	NA	Electronic	10.73034	10.73694
GBPNOKmicro	18-09-18	13:32-15:30			10.71975	18-09-18 14:55	721.3966239	Other	NA	Electronic	10.713	10.71975

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GBPNOKmicro	18-09-18	15:32-17:30			10.7242	18-09-18 15:59	55.49204799	Other	NA	Electronic	10.71757	10.7242
GBPNOKmicro	19-09-18	09:32-11:30			10.75123	19-09-18 09:36	721.3966239	Other	NA	Electronic	10.75123	10.75775
GBPNOKmicro	19-09-18	11:32-13:30			10.73492	19-09-18 11:47	721.3966239	Other	NA	Electronic	10.73492	10.74164
GBPNOKmicro	19-09-18	13:32-15:30			10.72163	19-09-18 13:42	721.3966239	Other	NA	Electronic	10.7154	10.72163
GBPNOKmicro	19-09-18	15:32-17:30			10.73405	19-09-18 16:21	721.3966239	Other	NA	Electronic	10.73405	10.74084
GBPNOKmicro	20-09-18	09:32-11:30			10.83592	20-09-18 09:51	55.49204799	Other	NA	Electronic	10.82879	10.83584
GBPNOKmicro	20-09-18	11:32-13:30			10.8236	20-09-18 11:45	99.88568638	Other	NA	Electronic	10.81682	10.8236
GBPNOKmicro	20-09-18	13:32-15:30			10.81516	20-09-18 14:57	1331.809152	Other	NA	Electronic	10.81516	10.8218
GBPNOKmicro	20-09-18	15:32-17:30			10.81456	20-09-18 15:32	721.3966239	Other	NA	Electronic	10.80747	10.81456
GBPNOKmicro	21-09-18	09:30-09:32	10.75299	155.3777344								
GBPNOKmicro	21-09-18	11:32-13:30			10.73556	21-09-18 12:01	110.984096	Other	NA	Electronic	10.72889	10.73556
GBPNOKmicro	21-09-18	13:32-15:30			10.65157	21-09-18 13:42	22.1968192	Other	NA	Electronic	10.65157	10.65826
GBPNOKmicro	21-09-18	15:32-17:30			10.65531	21-09-18 16:19	99.88568638	Other	NA	Electronic	10.66085	10.66758
GBPNOKmicro	24-09-18	11:32-13:30			10.69369	24-09-18 11:44	22.1968192	Other	NA	Electronic	10.68719	10.69369
GBPNOKmicro	24-09-18	13:32-15:30			10.69323	24-09-18 13:58	77.68886719	Other	NA	Electronic	10.68673	10.69323

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GBPNOKmicro	24-09-18	15:32-17:30			10.67401	24-09-18 16:48	110.984096	Other	NA	Electronic	10.66766	10.67401
GBPNOKmicro	25-09-18	09:32-11:30			10.7095	25-09-18 09:52	66.59045759	Other	NA	Electronic	10.70214	10.709
GBPNOKmicro	25-09-18	11:32-13:30			10.70049	25-09-18 11:59	721.3966239	Other	NA	Electronic	10.69443	10.70049
GBPNOKmicro	25-09-18	13:30-13:32	10.67755	721.3966239								
GBPNOKmicro	25-09-18	15:32-17:30			10.68903	25-09-18 15:51	16658.71281	Other	NA	Electronic	10.68903	10.69565
GBPNOKmicro	26-09-18	13:32-15:30			10.68619	26-09-18 14:32	8878.727678	Other	NA	Electronic	10.6793	10.68619
GBPNOKmicro	27-09-18	09:32-11:30			10.67078	27-09-18 09:43	721.3966239	Other	NA	Electronic	10.67078	10.67761
GBPNOKmicro	27-09-18	11:32-13:30			10.66277	27-09-18 11:49	721.3966239	Other	NA	Electronic	10.65671	10.66277
GBPNOKmicro	27-09-18	13:32-15:30			10.67116	27-09-18 14:01	721.3966239	Other	NA	Electronic	10.66451	10.67106
GBPNOKmicro	27-09-18	15:32-17:30			10.65853	27-09-18 15:43	11.0984096	Other	NA	Electronic	10.65853	10.66482
GBPNOKmicro	28-09-18	09:32-11:30			10.67002	28-09-18 10:54	11.0984096	Other	NA	Electronic	10.66378	10.67002
GBPNOKmicro	28-09-18	11:32-13:30			10.65216	28-09-18 12:49	665.9045759	Other	NA	Electronic	10.64601	10.65216
GBPNOKmicro	28-09-18	13:32-15:30			10.62523	28-09-18 13:38	19977.13728	Other	NA	Electronic	10.61878	10.62523
GBPNZD	02-07-18	09:32-11:30			1.95143	02-07-18 09:33	5549.204799	Other	NA	Electronic	1.95068	1.95144
GBPNZD	02-07-18	11:32-13:30			1.95504	02-07-18 11:34	27746.02399	Other	NA	Electronic	1.95504	1.95579

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GBPNZD	02-07-18	13:30-13:32	1.95374	44393.63839								
GBPNZD	02-07-18	15:30-15:32	1.95874	22196.8192								
GBPNZD	03-07-18	09:30-09:32	1.95689	23306.66016								
GBPNZD	03-07-18	11:32-13:30			1.95761	03-07-18 11:39	4439.363839	Other	NA	Electronic	1.95761	1.95837
GBPNZD	03-07-18	13:32-15:30			1.95477	03-07-18 13:33	5549.204799	Other	NA	Electronic	1.95477	1.95554
GBPNZD	03-07-18	15:30-15:32	1.95206	5549.204799								
GBPNZD	04-07-18	09:30-09:32	1.95283	2219.68192								
GBPNZD	04-07-18	11:32-13:30			1.95249	04-07-18 11:32	11098.4096	Other	NA	Electronic	1.95249	1.95327
GBPNZD	04-07-18	13:32-15:30			1.9548	04-07-18 13:44	3329.522879	Other	NA	Electronic	1.954	1.9548
GBPNZD	04-07-18	15:32-17:30			1.9547	04-07-18 15:58	11098.4096	Other	NA	Electronic	1.9547	1.95551
GBPNZD	05-07-18	09:30-09:32	1.95054	27746.02399								
GBPNZD	05-07-18	11:32-13:30			1.95472	05-07-18 11:32	55492.04799	Other	NA	Electronic	1.95392	1.95472
GBPNZD	05-07-18	13:30-13:32	1.94809	152048.2115								
GBPNZD	05-07-18	15:30-15:32	1.94581	2219.68192								
GBPNZD	06-07-18	09:30-09:32	1.94166	7768.886719								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	06-07-18	11:30-11:32	1.93981	11098.4096								
GBPNZD	06-07-18	13:30-13:32	1.94472	7768.886719								
GBPNZD	06-07-18	15:30-15:32	1.94246	110984.096								
GBPNZD	09-07-18	09:30-09:32	1.9482	1109.84096								
GBPNZD	09-07-18	11:32-13:30			1.94753	09-07-18 11:34	2219.68192	Other	NA	Electronic	1.9468	1.94753
GBPNZD	09-07-18	13:32-15:30			1.94812	09-07-18 13:33	2219.68192	Other	NA	Electronic	1.94812	1.94882
GBPNZD	09-07-18	15:30-15:32	1.93679	4439.363839								
GBPNZD	10-07-18	09:32-11:30			1.9436	10-07-18 09:33	7768.886719	Other	NA	Electronic	1.94284	1.9436
GBPNZD	10-07-18	11:30-11:32	1.94352	57711.72991								
GBPNZD	10-07-18	13:32-15:30			1.94514	10-07-18 13:33	1109.84096	Other	NA	Electronic	1.94513	1.94588
GBPNZD	10-07-18	15:32-17:30			1.9416	10-07-18 15:33	1109.84096	Other	NA	Electronic	1.9416	1.94237
GBPNZD	11-07-18	09:30-09:32	1.94898	1109.84096								
GBPNZD	11-07-18	11:32-13:30			1.94971	11-07-18 11:37	5549.204799	Other	NA	Electronic	1.9497	1.95045
GBPNZD	11-07-18	13:30-13:32	1.95249	6659.045759								
GBPNZD	11-07-18	15:32-17:30			1.95049	11-07-18 15:40	11098.4096	Other	NA	Electronic	1.95049	1.95128

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	12-07-18	09:32-11:30			1.95337	12-07-18 09:32	5549.204799	Other	NA	Electronic	1.95337	1.95414
GBPNZD	12-07-18	11:30-11:32	1.95248	3329.522879								
GBPNZD	12-07-18	13:32-15:30			1.95374	12-07-18 13:47	2219.68192	Other	NA	Electronic	1.95299	1.95374
GBPNZD	12-07-18	15:32-17:30			1.95199	12-07-18 15:33	2219.68192	Other	NA	Electronic	1.9513	1.95199
GBPNZD	13-07-18	09:32-11:30			1.94924	13-07-18 09:39	1109.84096	Other	NA	Electronic	1.94848	1.94924
GBPNZD	13-07-18	11:30-11:32	1.95052	11098.4096								
GBPNZD	13-07-18	13:30-13:32	1.9531	3329.522879								
GBPNZD	13-07-18	15:30-15:32	1.95439	112093.9369								
GBPNZD	16-07-18	09:32-11:30			1.95508	16-07-18 09:37	11098.4096	Other	NA	Electronic	1.95508	1.95586
GBPNZD	16-07-18	11:30-11:32	1.95689	19977.13728								
GBPNZD	16-07-18	13:32-15:30			1.95449	16-07-18 13:33	5549.204799	Other	NA	Electronic	1.95449	1.95526
GBPNZD	16-07-18	15:32-17:30			1.95445	16-07-18 15:32	22196.8192	Other	NA	Electronic	1.95445	1.95517
GBPNZD	17-07-18	09:30-09:32	1.94038	16647.6144								
GBPNZD	17-07-18	11:30-11:32	1.93792	5549.204799								
GBPNZD	17-07-18	13:32-15:30			1.93655	17-07-18 13:32	3329.522879	Other	NA	Electronic	1.93655	1.9373

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	17-07-18	15:32-17:30			1.93644	17-07-18 15:46	1109.84096	Other	NA	Electronic	1.93649	1.93727
GBPNZD	18-07-18	09:30-09:32	1.92848	2219.68192								
GBPNZD	18-07-18	11:32-13:30			1.92614	18-07-18 11:34	11098.4096	Other	NA	Electronic	1.92614	1.92681
GBPNZD	18-07-18	13:32-15:30			1.92553	18-07-18 13:32	4439.363839	Other	NA	Electronic	1.92481	1.92553
GBPNZD	18-07-18	15:32-17:30			1.9233	18-07-18 15:34	2219.68192	Other	NA	Electronic	1.9233	1.92406
GBPNZD	19-07-18	09:30-09:32	1.93066	55492.04799								
GBPNZD	19-07-18	11:32-13:30			1.92903	19-07-18 11:32	1109.84096	Other	NA	Electronic	1.92905	1.92975
GBPNZD	19-07-18	13:32-15:30			1.92966	19-07-18 13:34	11098.4096	Other	NA	Electronic	1.92964	1.93037
GBPNZD	19-07-18	15:30-15:32	1.93449	9988.568638								
GBPNZD	20-07-18	09:32-11:30			1.92397	20-07-18 09:38	1109.84096	Other	NA	Electronic	1.92397	1.92472
GBPNZD	20-07-18	11:32-13:30			1.92887	20-07-18 12:00	2219.68192	Other	NA	Electronic	1.92816	1.92886
GBPNZD	20-07-18	13:32-15:30			1.92745	20-07-18 13:37	1109.84096	Other	NA	Electronic	1.92668	1.92745
GBPNZD	20-07-18	15:32-17:30			1.92718	20-07-18 15:51	2219.68192	Other	NA	Electronic	1.92645	1.92718
GBPNZD	23-07-18	09:30-09:32	1.92688	1109.84096								
GBPNZD	23-07-18	11:32-13:30			1.92912	23-07-18 12:09	2219.68192	Other	NA	Electronic	1.92912	1.92987



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	23-07-18	13:30-13:32	1.93107	1109.84096								
GBPNZD	23-07-18	15:30-15:32	1.93192	33295.22879								
GBPNZD	24-07-18	09:30-09:32	1.9312	2219.68192								
GBPNZD	24-07-18	11:32-13:30			1.92923	24-07-18 11:36	3329.522879	Other	NA	Electronic	1.92852	1.92923
GBPNZD	24-07-18	13:32-15:30			1.93041	24-07-18 13:40	1109.84096	Other	NA	Electronic	1.92965	1.93041
GBPNZD	24-07-18	15:32-17:30			1.93119	24-07-18 15:50	2219.68192	Other	NA	Electronic	1.93119	1.93192
GBPNZD	25-07-18	09:30-09:32	1.9312	13318.09152								
GBPNZD	25-07-18	11:30-11:32	1.93318	8878.727678								
GBPNZD	25-07-18	13:32-15:30			1.93224	25-07-18 13:34	11098.4096	Other	NA	Electronic	1.93224	1.93299
GBPNZD	25-07-18	15:32-17:30			1.93227	25-07-18 15:51	1109.84096	Other	NA	Electronic	1.93151	1.93227
GBPNZD	26-07-18	09:32-11:30			1.93245	26-07-18 09:32	2219.68192	Other	NA	Electronic	1.93245	1.93321
GBPNZD	26-07-18	11:30-11:32	1.93375	12208.25056								
GBPNZD	26-07-18	13:32-15:30			1.9327	26-07-18 13:33	1109.84096	Other	NA	Electronic	1.93196	1.9327
GBPNZD	26-07-18	15:32-17:30			1.93476	26-07-18 15:34	3329.522879	Other	NA	Electronic	1.93476	1.9355
GBPNZD	27-07-18	09:32-11:30			1.93478	27-07-18 09:43	110984.096	Other	NA	Electronic	1.934	1.93475

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	27-07-18	11:32-13:30			1.93518	27-07-18 11:35	3329.522879	Other	NA	Electronic	1.93518	1.93592
GBPNZD	27-07-18	13:32-15:30			1.93231	27-07-18 13:37	55492.04799	Other	NA	Electronic	1.93231	1.93306
GBPNZD	27-07-18	15:32-17:30			1.93061	27-07-18 15:34	2219.68192	Other	NA	Electronic	1.92987	1.93063
GBPNZD	30-07-18	09:30-09:32	1.92861	2219.68192								
GBPNZD	30-07-18	11:32-13:30			1.92697	30-07-18 11:40	1109.84096	Other	NA	Electronic	1.92621	1.92697
GBPNZD	30-07-18	13:32-15:30			1.92685	30-07-18 13:42	5549.204799	Other	NA	Electronic	1.92611	1.92685
GBPNZD	30-07-18	15:30-15:32	1.92446	5549.204799								
GBPNZD	31-07-18	09:32-11:30			1.92983	31-07-18 09:32	11098.4096	Other	NA	Electronic	1.92983	1.93055
GBPNZD	31-07-18	11:32-13:30			1.92967	31-07-18 11:40	155377.7344	Other	NA	Electronic	1.92967	1.93042
GBPNZD	31-07-18	13:30-13:32	1.92743	2219.68192								
GBPNZD	31-07-18	15:32-17:30			1.92591	31-07-18 15:33	1109.84096	Other	NA	Electronic	1.92517	1.92588
GBPNZD	01-08-18	09:32-11:30			1.92977	01-08-18 09:44	3329.522879	Other	NA	Electronic	1.92902	1.92977
GBPNZD	01-08-18	11:32-13:30			1.92992	01-08-18 11:43	8878.727678	Other	NA	Electronic	1.92917	1.92992
GBPNZD	01-08-18	13:30-13:32	1.92938	1109.84096								
GBPNZD	01-08-18	15:32-17:30			1.93057	01-08-18 15:34	2219.68192	Other	NA	Electronic	1.93057	1.93132

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	02-08-18	09:32-11:30			1.93464	02-08-18 09:36	1109.84096	Other	NA	Electronic	1.93464	1.93538
GBPNZD	02-08-18	11:32-13:30			1.93788	02-08-18 11:35	1109.84096	Other	NA	Electronic	1.93788	1.93859
GBPNZD	02-08-18	13:30-13:32	1.93222	1109.84096								
GBPNZD	02-08-18	15:32-17:30			1.93108	02-08-18 15:45	9988.568638	Other	NA	Electronic	1.93031	1.93107
GBPNZD	03-08-18	09:32-11:30			1.93079	03-08-18 09:34	2219.68192	Other	NA	Electronic	1.93079	1.93155
GBPNZD	03-08-18	11:32-13:30			1.92846	03-08-18 11:38	5549.204799	Other	NA	Electronic	1.92773	1.92846
GBPNZD	03-08-18	13:32-15:30			1.92783	03-08-18 15:00	1109.84096	Other	NA	Electronic	1.92783	1.92854
GBPNZD	03-08-18	15:32-17:30			1.9273	03-08-18 15:44	2219.68192	Other	NA	Electronic	1.92664	1.9273
GBPNZD	06-08-18	09:32-11:30			1.92347	06-08-18 09:40	3329.522879	Other	NA	Electronic	1.92347	1.92422
GBPNZD	06-08-18	11:32-13:30			1.92254	06-08-18 11:34	1109.84096	Other	NA	Electronic	1.92178	1.92254
GBPNZD	06-08-18	13:32-15:30			1.92133	06-08-18 13:43	22196.8192	Other	NA	Electronic	1.92133	1.9221
GBPNZD	06-08-18	15:32-17:30			1.92141	06-08-18 16:20	1109.84096	Other	NA	Electronic	1.92141	1.92212
GBPNZD	07-08-18	09:32-11:30			1.92126	07-08-18 09:49	11098.4096	Other	NA	Electronic	1.92052	1.92126
GBPNZD	07-08-18	11:32-13:30			1.92003	07-08-18 12:03	1109.84096	Other	NA	Electronic	1.92003	1.92077
GBPNZD	07-08-18	13:30-13:32	1.92051	1109.84096								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	07-08-18	15:32-17:30			1.92128	07-08-18 16:08	1109.84096	Other	NA	Electronic	1.92128	1.92204
GBPNZD	08-08-18	09:32-11:30			1.91384	08-08-18 09:33	2219.68192	Other	NA	Electronic	1.91307	1.91384
GBPNZD	08-08-18	11:32-13:30			1.90825	08-08-18 11:48	5549.204799	Other	NA	Electronic	1.90825	1.90901
GBPNZD	08-08-18	13:32-15:30			1.91027	08-08-18 13:36	33295.22879	Other	NA	Electronic	1.9095	1.91027
GBPNZD	08-08-18	15:32-17:30			1.91038	08-08-18 15:34	11098.4096	Other	NA	Electronic	1.91038	1.91126
GBPNZD	09-08-18	09:32-11:30			1.93789	09-08-18 09:43	4439.363839	Other	NA	Electronic	1.93713	1.93789
GBPNZD	09-08-18	11:30-11:32	1.93742	22196.8192								
GBPNZD	09-08-18	13:32-15:30			1.94121	09-08-18 13:33	55492.04799	Other	NA	Electronic	1.94042	1.94121
GBPNZD	09-08-18	15:32-17:30			1.94256	09-08-18 15:43	55492.04799	Other	NA	Electronic	1.94256	1.94328
GBPNZD	10-08-18	09:32-11:30			1.93888	10-08-18 09:43	1109.84096	Other	NA	Electronic	1.93888	1.93965
GBPNZD	10-08-18	11:30-11:32	1.93423	1109.84096								
GBPNZD	10-08-18	13:30-13:32	1.9294	3329.522879								
GBPNZD	10-08-18	15:30-15:32	1.93416	1109.84096								
GBPNZD	13-08-18	09:30-09:32	1.9374	5549.204799								
GBPNZD	13-08-18	11:32-13:30			1.93998	13-08-18 11:41	5549.204799	Other	NA	Electronic	1.93998	1.94076

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	13-08-18	13:32-15:30			1.9405	13-08-18 13:57	11098.4096	Other	NA	Electronic	1.93975	1.9405
GBPNZD	13-08-18	15:32-17:30			1.93724	13-08-18 15:47	1109.84096	Other	NA	Electronic	1.93724	1.93797
GBPNZD	14-08-18	09:30-09:32	1.93781	14427.93248								
GBPNZD	14-08-18	11:32-13:30			1.93616	14-08-18 11:45	2219.68192	Other	NA	Electronic	1.93537	1.93616
GBPNZD	14-08-18	13:32-15:30			1.93445	14-08-18 13:34	56601.88895	Other	NA	Electronic	1.93445	1.9352
GBPNZD	14-08-18	15:32-17:30			1.93419	14-08-18 16:03	1109.84096	Other	NA	Electronic	1.93345	1.93419
GBPNZD	15-08-18	09:32-11:30			1.94002	15-08-18 09:56	1109.84096	Other	NA	Electronic	1.94002	1.94078
GBPNZD	15-08-18	11:30-11:32	1.93945	17757.45536								
GBPNZD	15-08-18	13:32-15:30			1.93241	15-08-18 13:32	2219.68192	Other	NA	Electronic	1.93165	1.93241
GBPNZD	15-08-18	15:32-17:30			1.93664	15-08-18 15:33	11098.4096	Other	NA	Electronic	1.93664	1.9374
GBPNZD	16-08-18	09:30-09:32	1.93087	6659.045759								
GBPNZD	16-08-18	11:32-13:30			1.92889	16-08-18 11:42	1109.84096	Other	NA	Electronic	1.92889	1.92965
GBPNZD	16-08-18	13:32-15:30			1.9258	16-08-18 13:35	1109.84096	Other	NA	Electronic	1.9258	1.92657
GBPNZD	16-08-18	15:32-17:30			1.92793	16-08-18 15:40	1109.84096	Other	NA	Electronic	1.92793	1.92869
GBPNZD	17-08-18	09:32-11:30			1.92699	17-08-18 09:46	3329.522879	Other	NA	Electronic	1.92618	1.92699

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	17-08-18	11:32-13:30			1.92505	17-08-18 12:30	1109.84096	Other	NA	Electronic	1.92492	1.92586
GBPNZD	17-08-18	13:32-15:30			1.92706	17-08-18 13:41	3329.522879	Other	NA	Electronic	1.9263	1.92706
GBPNZD	17-08-18	15:32-17:30			1.9273	17-08-18 15:53	3329.522879	Other	NA	Electronic	1.92652	1.9273
GBPNZD	20-08-18	09:32-11:30			1.92531	20-08-18 10:45	5549.204799	Other	NA	Electronic	1.92531	1.92606
GBPNZD	20-08-18	11:32-13:30			1.92822	20-08-18 11:39	1109.84096	Other	NA	Electronic	1.92822	1.92897
GBPNZD	20-08-18	13:32-15:30			1.92714	20-08-18 13:42	11098.4096	Other	NA	Electronic	1.92714	1.92789
GBPNZD	20-08-18	15:30-15:32	1.92756	2219.68192								
GBPNZD	21-08-18	09:32-11:30			1.92298	21-08-18 09:32	1109.84096	Other	NA	Electronic	1.92298	1.92374
GBPNZD	21-08-18	11:32-13:30			1.92435	21-08-18 12:04	1109.84096	Other	NA	Electronic	1.92426	1.92501
GBPNZD	21-08-18	13:32-15:30			1.92558	21-08-18 13:45	1109.84096	Other	NA	Electronic	1.92558	1.92635
GBPNZD	21-08-18	15:32-17:30			1.92747	21-08-18 15:38	1109.84096	Other	NA	Electronic	1.92671	1.92747
GBPNZD	22-08-18	09:30-09:32	1.92524	1109.84096								
GBPNZD	22-08-18	11:32-13:30			1.92485	22-08-18 12:00	1109.84096	Other	NA	Electronic	1.92484	1.92559
GBPNZD	22-08-18	13:32-15:30			1.92832	22-08-18 13:42	3329.522879	Other	NA	Electronic	1.92756	1.92832
GBPNZD	22-08-18	15:32-17:30			1.92781	22-08-18 15:44	3329.522879	Other	NA	Electronic	1.92705	1.92781

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	23-08-18	09:32-11:30			1.9278	23-08-18 09:35	5549.204799	Other	NA	Electronic	1.9278	1.92852
GBPNZD	23-08-18	11:32-13:30			1.93124	23-08-18 11:46	1109.84096	Other	NA	Electronic	1.93124	1.93202
GBPNZD	23-08-18	13:32-15:30			1.93057	23-08-18 13:32	16647.6144	Other	NA	Electronic	1.92982	1.93057
GBPNZD	23-08-18	15:32-17:30			1.92829	23-08-18 15:33	2219.68192	Other	NA	Electronic	1.92829	1.92907
GBPNZD	24-08-18	09:32-11:30			1.92928	24-08-18 10:08	1109.84096	Other	NA	Electronic	1.92851	1.92928
GBPNZD	24-08-18	11:32-13:30			1.92832	24-08-18 11:34	4439.363839	Other	NA	Electronic	1.92754	1.92832
GBPNZD	24-08-18	13:32-15:30			1.92769	24-08-18 13:36	1109.84096	Other	NA	Electronic	1.92769	1.92846
GBPNZD	24-08-18	15:32-17:30			1.9216	24-08-18 15:51	1109.84096	Other	NA	Electronic	1.92085	1.9216
GBPNZD	27-08-18	09:30-09:32	1.92495	2219.68192								
GBPNZD	27-08-18	11:32-13:30			1.92547	27-08-18 11:33	4439.363839	Other	NA	Electronic	1.92547	1.92622
GBPNZD	27-08-18	13:30-13:32	1.92684	11098.4096								
GBPNZD	27-08-18	15:32-17:30			1.92516	27-08-18 15:55	4439.363839	Other	NA	Electronic	1.92516	1.92593
GBPNZD	28-08-18	09:32-11:30			1.92336	28-08-18 09:52	5549.204799	Other	NA	Electronic	1.92262	1.92336
GBPNZD	28-08-18	11:32-13:30			1.92453	28-08-18 11:57	2219.68192	Other	NA	Electronic	1.92378	1.92453
GBPNZD	28-08-18	13:32-15:30			1.92334	28-08-18 13:33	55492.04799	Other	NA	Electronic	1.92334	1.92409

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	28-08-18	15:32-17:30			1.91754	28-08-18 15:59	5549.204799	Other	NA	Electronic	1.91754	1.91829
GBPNZD	29-08-18	09:32-11:30			1.91996	29-08-18 09:42	1109.84096	Other	NA	Electronic	1.91997	1.92071
GBPNZD	29-08-18	11:32-13:30			1.9241	29-08-18 11:46	22196.8192	Other	NA	Electronic	1.92336	1.9241
GBPNZD	29-08-18	13:32-15:30			1.92275	29-08-18 13:36	5549.204799	Other	NA	Electronic	1.92275	1.92351
GBPNZD	29-08-18	15:32-17:30			1.94005	29-08-18 15:34	2219.68192	Other	NA	Electronic	1.94005	1.9408
GBPNZD	30-08-18	09:32-11:30			1.95221	30-08-18 09:59	11098.4096	Other	NA	Electronic	1.95221	1.95297
GBPNZD	30-08-18	11:32-13:30			1.95387	30-08-18 12:06	129851.3923	Other	NA	Electronic	1.95387	1.95462
GBPNZD	30-08-18	13:32-15:30			1.95383	30-08-18 13:34	65480.61663	Other	NA	Electronic	1.95525	1.9559
GBPNZD	30-08-18	15:32-17:30			1.95719	30-08-18 16:02	9988.568638	Other	NA	Electronic	1.95719	1.95795
GBPNZD	31-08-18	09:32-11:30			1.95978	31-08-18 09:32	2219.68192	Other	NA	Electronic	1.95902	1.95978
GBPNZD	31-08-18	11:32-13:30			1.95663	31-08-18 12:06	9988.568638	Other	NA	Electronic	1.95663	1.95743
GBPNZD	31-08-18	13:30-13:32	1.95485	665904.5759								
GBPNZD	31-08-18	15:32-17:30			1.96137	31-08-18 15:34	1109.84096	Other	NA	Electronic	1.9606	1.96136
GBPNZD	03-09-18	09:30-09:32	1.94684	3329.522879								
GBPNZD	03-09-18	11:32-13:30			1.9475	03-09-18 11:32	4439.363839	Other	NA	Electronic	1.94674	1.9475



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	03-09-18	13:32-15:30			1.94831	03-09-18 13:38	4439.363839	Other	NA	Electronic	1.94755	1.94831
GBPNZD	03-09-18	15:32-17:30			1.95024	03-09-18 15:32	3329.522879	Other	NA	Electronic	1.95024	1.95105
GBPNZD	04-09-18	09:32-11:30			1.95711	04-09-18 09:33	4439.363839	Other	NA	Electronic	1.95711	1.95785
GBPNZD	04-09-18	11:32-13:30			1.95733	04-09-18 11:32	4439.363839	Other	NA	Electronic	1.95655	1.95733
GBPNZD	04-09-18	13:32-15:30			1.9605	04-09-18 13:36	55492.04799	Other	NA	Electronic	1.9605	1.96127
GBPNZD	04-09-18	15:30-15:32	1.9586	3329.522879								
GBPNZD	05-09-18	09:32-11:30			1.95661	05-09-18 09:33	11098.4096	Other	NA	Electronic	1.95585	1.95661
GBPNZD	05-09-18	11:30-11:32	1.95237	2219.68192								
GBPNZD	05-09-18	13:30-13:32	1.97254	55492.04799								
GBPNZD	05-09-18	15:30-15:32	1.95875	1109.84096								
GBPNZD	06-09-18	09:32-11:30			1.96089	06-09-18 09:43	5549.204799	Other	NA	Electronic	1.96012	1.96089
GBPNZD	06-09-18	11:30-11:32	1.96064	2219.68192								
GBPNZD	06-09-18	13:32-15:30			1.96132	06-09-18 14:38	1109.84096	Other	NA	Electronic	1.96055	1.96132
GBPNZD	06-09-18	15:32-17:30			1.9611	06-09-18 15:47	1109.84096	Other	NA	Electronic	1.96029	1.96109
GBPNZD	07-09-18	09:32-11:30			1.9698	07-09-18 09:51	77688.86719	Other	NA	Electronic	1.9698	1.97057

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	07-09-18	11:32-13:30			1.97433	07-09-18 11:32	4439.363839	Other	NA	Electronic	1.97433	1.97511
GBPNZD	07-09-18	13:32-15:30			1.97663	07-09-18 13:41	1109.84096	Other	NA	Electronic	1.97663	1.97739
GBPNZD	07-09-18	15:32-17:30			1.97441	07-09-18 16:01	2219.68192	Other	NA	Electronic	1.97441	1.97519
GBPNZD	10-09-18	09:32-11:30			1.97951	10-09-18 09:35	3329.522879	Other	NA	Electronic	1.97949	1.98025
GBPNZD	10-09-18	11:32-13:30			1.9776	10-09-18 11:36	1109.84096	Other	NA	Electronic	1.9776	1.97839
GBPNZD	10-09-18	13:30-13:32	1.99156	5549.204799								
GBPNZD	10-09-18	15:32-17:30			1.99239	10-09-18 15:49	1109.84096	Other	NA	Electronic	1.99239	1.99316
GBPNZD	11-09-18	09:32-11:30			1.99919	11-09-18 09:33	1109.84096	Other	NA	Electronic	1.99837	1.99919
GBPNZD	11-09-18	11:32-13:30			1.99681	11-09-18 11:57	5549.204799	Other	NA	Electronic	1.99681	1.99761
GBPNZD	11-09-18	13:32-15:30			1.99694	11-09-18 13:35	11098.4096	Other	NA	Electronic	1.99615	1.99694
GBPNZD	11-09-18	15:32-17:30			1.99813	11-09-18 16:21	11098.4096	Other	NA	Electronic	1.99814	1.99892
GBPNZD	12-09-18	09:32-11:30			1.99786	12-09-18 09:33	4439.363839	Other	NA	Electronic	1.99786	1.99864
GBPNZD	12-09-18	11:32-13:30			1.99367	12-09-18 11:37	5549.204799	Other	NA	Electronic	1.99367	1.99455
GBPNZD	12-09-18	13:32-15:30			1.99458	12-09-18 13:35	1109.84096	Other	NA	Electronic	1.99382	1.99458
GBPNZD	12-09-18	15:32-17:30			1.98792	12-09-18 15:33	3329.522879	Other	NA	Electronic	1.98712	1.98792

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	13-09-18	09:32-11:30			1.99303	13-09-18 09:32	1109.84096	Other	NA	Electronic	1.99303	1.99382
GBPNZD	13-09-18	11:32-13:30			1.99077	13-09-18 11:35	5549.204799	Other	NA	Electronic	1.99077	1.99153
GBPNZD	13-09-18	13:32-15:30			1.99255	13-09-18 13:41	8878.727678	Other	NA	Electronic	1.99174	1.99255
GBPNZD	13-09-18	15:32-17:30			1.9972	13-09-18 16:04	5549.204799	Other	NA	Electronic	1.99643	1.9972
GBPNZD	14-09-18	09:32-11:30			1.99378	14-09-18 10:00	5549.204799	Other	NA	Electronic	1.993	1.99378
GBPNZD	14-09-18	11:32-13:30			1.99224	14-09-18 11:39	22196.8192	Other	NA	Electronic	1.99224	1.99306
GBPNZD	14-09-18	13:32-15:30			1.9929	14-09-18 14:30	6659.045759	Other	NA	Electronic	1.99289	1.99366
GBPNZD	14-09-18	15:32-17:30			1.99251	14-09-18 15:49	1109.84096	Other	NA	Electronic	1.99251	1.99327
GBPNZD	17-09-18	09:32-11:30			1.99367	17-09-18 09:35	1109.84096	Other	NA	Electronic	1.99367	1.99443
GBPNZD	17-09-18	11:32-13:30			1.99606	17-09-18 11:32	27746.02399	Other	NA	Electronic	1.99606	1.99681
GBPNZD	17-09-18	13:32-15:30			1.99548	17-09-18 13:33	69919.98047	Other	NA	Electronic	1.99548	1.99624
GBPNZD	17-09-18	15:32-17:30			1.99716	17-09-18 16:09	1109.84096	Other	NA	Electronic	1.99638	1.99716
GBPNZD	18-09-18	09:30-09:32	1.99004	24416.50112								
GBPNZD	18-09-18	11:32-13:30			1.99349	18-09-18 11:50	1109.84096	Other	NA	Electronic	1.99349	1.99423
GBPNZD	18-09-18	13:32-15:30			1.99655	18-09-18 13:35	1109.84096	Other	NA	Electronic	1.99655	1.99737

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	18-09-18	15:32-17:30			1.99722	18-09-18 16:08	1109.84096	Other	NA	Electronic	1.99722	1.99799
GBPNZD	19-09-18	09:30-09:32	1.99433	2219.68192								
GBPNZD	19-09-18	11:32-13:30			1.99002	19-09-18 11:32	2219.68192	Other	NA	Electronic	1.98924	1.99002
GBPNZD	19-09-18	13:32-15:30			1.988	19-09-18 13:38	5549.204799	Other	NA	Electronic	1.988	1.98877
GBPNZD	19-09-18	15:32-17:30			1.98824	19-09-18 15:33	1109.84096	Other	NA	Electronic	1.98747	1.98824
GBPNZD	20-09-18	09:30-09:32	1.9838	1109.84096								
GBPNZD	20-09-18	11:32-13:30			1.98818	20-09-18 11:32	22196.8192	Other	NA	Electronic	1.98818	1.989
GBPNZD	20-09-18	13:30-13:32	1.9879	22196.8192								
GBPNZD	20-09-18	15:30-15:32	1.98399	1109.84096								
GBPNZD	21-09-18	09:30-09:32	1.97211	11098.4096								
GBPNZD	21-09-18	11:32-13:30			1.97421	21-09-18 11:41	1109.84096	Other	NA	Electronic	1.97421	1.97496
GBPNZD	21-09-18	13:32-15:30			1.96149	21-09-18 13:33	3329.522879	Other	NA	Electronic	1.96068	1.9615
GBPNZD	21-09-18	15:32-17:30			1.9566	21-09-18 15:37	1109.84096	Other	NA	Electronic	1.9566	1.95735
GBPNZD	24-09-18	09:30-09:32	1.96786	12208.25056								
GBPNZD	24-09-18	11:32-13:30			1.96907	24-09-18 11:39	1109.84096	Other	NA	Electronic	1.96907	1.96983

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	24-09-18	13:30-13:32	1.97478	2219.68192								
GBPNZD	24-09-18	15:30-15:32	1.97584	110984.096								
GBPNZD	25-09-18	09:32-11:30			1.97965	25-09-18 09:34	110984.096	Other	NA	Electronic	1.9789	1.97965
GBPNZD	25-09-18	11:30-11:32	1.97928	1109.84096								
GBPNZD	25-09-18	13:32-15:30			1.97736	25-09-18 13:58	11098.4096	Other	NA	Electronic	1.97659	1.97736
GBPNZD	25-09-18	15:32-17:30			1.97938	25-09-18 16:27	110984.096	Other	NA	Electronic	1.97938	1.98014
GBPNZD	26-09-18	09:32-11:30			1.97648	26-09-18 10:24	1109.84096	Other	NA	Electronic	1.97648	1.97723
GBPNZD	26-09-18	11:32-13:30			1.97984	26-09-18 11:50	1109.84096	Other	NA	Electronic	1.97909	1.97984
GBPNZD	26-09-18	13:30-13:32	1.98002	5549.204799								
GBPNZD	26-09-18	15:32-17:30			1.97937	26-09-18 15:39	24416.50112	Other	NA	Electronic	1.97937	1.98013
GBPNZD	27-09-18	09:32-11:30			1.97783	27-09-18 09:45	3329.522879	Other	NA	Electronic	1.97783	1.9786
GBPNZD	27-09-18	11:32-13:30			1.97967	27-09-18 11:55	5549.204799	Other	NA	Electronic	1.97967	1.98043
GBPNZD	27-09-18	13:32-15:30			1.97936	27-09-18 13:32	1109.84096	Other	NA	Electronic	1.97858	1.97936
GBPNZD	27-09-18	15:32-17:30			1.97853	27-09-18 15:38	2219.68192	Other	NA	Electronic	1.97776	1.97853
GBPNZD	28-09-18	09:32-11:30			1.97653	28-09-18 09:34	1109.84096	Other	NA	Electronic	1.97576	1.97653

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD	28-09-18	11:32-13:30			1.97194	28-09-18 11:42	1109.84096	Other	NA	Electronic	1.97194	1.97268
GBPNZD	28-09-18	13:32-15:30			1.96948	28-09-18 13:34	1109.84096	Other	NA	Electronic	1.96873	1.96948
GBPNZD	28-09-18	15:30-15:32	1.96705	1109.84096								
GBPNZD.	02-07-18	09:32-11:30			1.95461	02-07-18 10:54	11098.4096	Other	NA	Electronic	1.95419	1.95461
GBPNZD.	02-07-18	11:32-13:30			1.95492	02-07-18 11:45	5549.204799	Other	NA	Electronic	1.95492	1.95535
GBPNZD.	02-07-18	13:32-15:30			1.95521	02-07-18 13:52	7768.886719	Other	NA	Electronic	1.95521	1.95557
GBPNZD.	02-07-18	15:32-17:30			1.9597	02-07-18 15:36	1109.84096	Other	NA	Electronic	1.9597	1.96011
GBPNZD.	03-07-18	09:32-11:30			1.95745	03-07-18 09:35	4439.363839	Other	NA	Electronic	1.95745	1.95788
GBPNZD.	03-07-18	11:32-13:30			1.95793	03-07-18 11:45	1109.84096	Other	NA	Electronic	1.95751	1.95793
GBPNZD.	03-07-18	13:32-15:30			1.95533	03-07-18 13:58	3329.522879	Other	NA	Electronic	1.95495	1.95533
GBPNZD.	03-07-18	15:32-17:30			1.95133	03-07-18 16:09	4439.363839	Other	NA	Electronic	1.95133	1.95178
GBPNZD.	04-07-18	09:32-11:30			1.95189	04-07-18 09:35	22196.8192	Other	NA	Electronic	1.95189	1.9523
GBPNZD.	04-07-18	11:32-13:30			1.95416	04-07-18 12:08	4439.363839	Other	NA	Electronic	1.95372	1.95416
GBPNZD.	04-07-18	13:32-15:30			1.95432	04-07-18 14:38	2219.68192	Other	NA	Electronic	1.95432	1.95475
GBPNZD.	04-07-18	15:32-17:30			1.95522	04-07-18 16:57	5549.204799	Other	NA	Electronic	1.95471	1.95522

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	05-07-18	09:32-11:30			1.95056	05-07-18 09:39	166476.144	Other	NA	Electronic	1.95015	1.95055
GBPNZD.	05-07-18	11:32-13:30			1.95365	05-07-18 12:49	55492.04799	Other	NA	Electronic	1.95323	1.95365
GBPNZD.	05-07-18	13:30-13:32	1.94757	22196.8192								
GBPNZD.	05-07-18	15:32-17:30			1.94684	05-07-18 16:44	55492.04799	Other	NA	Electronic	1.94638	1.94684
GBPNZD.	06-07-18	09:32-11:30			1.94161	06-07-18 09:34	22196.8192	Other	NA	Electronic	1.94161	1.94203
GBPNZD.	06-07-18	11:32-13:30			1.93899	06-07-18 12:01	7768.886719	Other	NA	Electronic	1.93864	1.939
GBPNZD.	06-07-18	13:32-15:30			1.94404	06-07-18 13:33	5549.204799	Other	NA	Electronic	1.94362	1.94404
GBPNZD.	06-07-18	15:32-17:30			1.94168	06-07-18 16:08	3329.522879	Other	NA	Electronic	1.94168	1.94208
GBPNZD.	09-07-18	09:32-11:30			1.94769	09-07-18 09:33	1109.84096	Other	NA	Electronic	1.94767	1.94812
GBPNZD.	09-07-18	11:32-13:30			1.9477	09-07-18 11:33	4439.363839	Other	NA	Electronic	1.9477	1.94812
GBPNZD.	09-07-18	13:32-15:30			1.94665	09-07-18 13:44	14427.93248	Other	NA	Electronic	1.94665	1.94714
GBPNZD.	09-07-18	15:32-17:30			1.93591	09-07-18 15:41	1109.84096	Other	NA	Electronic	1.93554	1.93591
GBPNZD.	10-07-18	09:32-11:30			1.94363	10-07-18 09:59	5549.204799	Other	NA	Electronic	1.94321	1.94363
GBPNZD.	10-07-18	11:32-13:30			1.94547	10-07-18 13:07	2219.68192	Other	NA	Electronic	1.94547	1.94588
GBPNZD.	10-07-18	13:32-15:30			1.94242	10-07-18 14:07	2219.68192	Other	NA	Electronic	1.942	1.94242

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	10-07-18	15:32-17:30			1.93841	10-07-18 16:21	2219.68192	Other	NA	Electronic	1.93787	1.93836
GBPNZD.	11-07-18	09:32-11:30			1.95021	11-07-18 09:36	11098.4096	Other	NA	Electronic	1.94981	1.95021
GBPNZD.	11-07-18	11:32-13:30			1.94997	11-07-18 12:06	1109.84096	Other	NA	Electronic	1.94997	1.95036
GBPNZD.	11-07-18	13:32-15:30			1.9505	11-07-18 14:36	1109.84096	Other	NA	Electronic	1.95015	1.9505
GBPNZD.	11-07-18	15:32-17:30			1.95175	11-07-18 17:16	36624.75167	Other	NA	Electronic	1.95123	1.95175
GBPNZD.	12-07-18	09:32-11:30			1.9546	12-07-18 09:41	5549.204799	Other	NA	Electronic	1.95425	1.9546
GBPNZD.	12-07-18	15:32-17:30			1.95049	12-07-18 16:17	1109.84096	Other	NA	Electronic	1.95048	1.95091
GBPNZD.	13-07-18	09:32-11:30			1.94805	13-07-18 09:51	2219.68192	Other	NA	Electronic	1.94763	1.94805
GBPNZD.	13-07-18	11:32-13:30			1.95367	13-07-18 11:54	1109.84096	Other	NA	Electronic	1.95327	1.95369
GBPNZD.	13-07-18	13:30-13:32	1.95315	1109.84096								
GBPNZD.	13-07-18	15:32-17:30			1.95681	13-07-18 17:21	1109.84096	Other	NA	Electronic	1.95681	1.95727
GBPNZD.	16-07-18	09:32-11:30			1.9556	16-07-18 09:55	1109.84096	Other	NA	Electronic	1.9556	1.95602
GBPNZD.	16-07-18	11:32-13:30			1.95787	16-07-18 11:35	1109.84096	Other	NA	Electronic	1.95746	1.95787
GBPNZD.	16-07-18	13:32-15:30			1.9545	16-07-18 13:38	2219.68192	Other	NA	Electronic	1.95406	1.9545
GBPNZD.	16-07-18	15:32-17:30			1.95474	16-07-18 15:38	1109.84096	Other	NA	Electronic	1.95435	1.95474



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	17-07-18	09:32-11:30			1.94029	17-07-18 09:33	5549.204799	Other	NA	Electronic	1.93987	1.94028
GBPNZD.	17-07-18	11:32-13:30			1.9372	17-07-18 11:35	2219.68192	Other	NA	Electronic	1.9372	1.93762
GBPNZD.	17-07-18	13:32-15:30			1.93718	17-07-18 13:50	11098.4096	Other	NA	Electronic	1.93718	1.9376
GBPNZD.	17-07-18	15:32-17:30			1.93741	17-07-18 15:45	1109.84096	Other	NA	Electronic	1.93741	1.93784
GBPNZD.	18-07-18	09:32-11:30			1.92809	18-07-18 09:44	13318.09152	Other	NA	Electronic	1.92809	1.92839
GBPNZD.	18-07-18	11:32-13:30			1.92755	18-07-18 11:44	3329.522879	Other	NA	Electronic	1.92713	1.92755
GBPNZD.	18-07-18	13:30-13:32	1.92492	4439.363839								
GBPNZD.	18-07-18	15:32-17:30			1.92382	18-07-18 15:33	16647.6144	Other	NA	Electronic	1.92342	1.92382
GBPNZD.	19-07-18	09:32-11:30			1.92939	19-07-18 09:50	1109.84096	Other	NA	Electronic	1.92939	1.92984
GBPNZD.	19-07-18	11:32-13:30			1.92897	19-07-18 11:47	2219.68192	Other	NA	Electronic	1.92897	1.92934
GBPNZD.	19-07-18	13:32-15:30			1.9302	19-07-18 13:39	1109.84096	Other	NA	Electronic	1.92977	1.93021
GBPNZD.	19-07-18	15:32-17:30			1.93299	19-07-18 17:01	13318.09152	Other	NA	Electronic	1.93299	1.93352
GBPNZD.	20-07-18	09:32-11:30			1.92557	20-07-18 10:16	2219.68192	Other	NA	Electronic	1.9251	1.92553
GBPNZD.	20-07-18	11:32-13:30			1.92864	20-07-18 12:08	1109.84096	Other	NA	Electronic	1.92864	1.92905
GBPNZD.	20-07-18	13:32-15:30			1.92754	20-07-18 14:52	1109.84096	Other	NA	Electronic	1.92711	1.92754

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	20-07-18	15:32-17:30			1.929	20-07-18 16:04	1109.84096	Other	NA	Electronic	1.92852	1.929
GBPNZD.	23-07-18	09:32-11:30			1.92847	23-07-18 10:22	3329.522879	Other	NA	Electronic	1.92847	1.92889
GBPNZD.	23-07-18	11:32-13:30			1.92977	23-07-18 12:08	11098.4096	Other	NA	Electronic	1.92934	1.92977
GBPNZD.	23-07-18	13:32-15:30			1.93289	23-07-18 13:46	1109.84096	Other	NA	Electronic	1.93247	1.93289
GBPNZD.	23-07-18	15:32-17:30			1.93194	23-07-18 16:27	1109.84096	Other	NA	Electronic	1.93151	1.93194
GBPNZD.	24-07-18	09:32-11:30			1.9281	24-07-18 11:11	66590.45759	Other	NA	Electronic	1.9281	1.92847
GBPNZD.	24-07-18	11:32-13:30			1.92872	24-07-18 13:09	1109.84096	Other	NA	Electronic	1.92872	1.92913
GBPNZD.	24-07-18	13:32-15:30			1.92938	24-07-18 14:14	5549.204799	Other	NA	Electronic	1.92895	1.92938
GBPNZD.	24-07-18	15:32-17:30			1.93189	24-07-18 15:52	11098.4096	Other	NA	Electronic	1.93146	1.93189
GBPNZD.	25-07-18	09:32-11:30			1.93224	25-07-18 10:15	27746.02399	Other	NA	Electronic	1.93181	1.93224
GBPNZD.	25-07-18	11:30-11:32	1.93317	6659.045759								
GBPNZD.	25-07-18	13:32-15:30			1.93128	25-07-18 13:59	1109.84096	Other	NA	Electronic	1.93086	1.93128
GBPNZD.	26-07-18	09:32-11:30			1.93361	26-07-18 10:20	5549.204799	Other	NA	Electronic	1.9332	1.93361
GBPNZD.	26-07-18	11:32-13:30			1.93391	26-07-18 11:42	3329.522879	Other	NA	Electronic	1.93349	1.93391
GBPNZD.	26-07-18	13:32-15:30			1.93238	26-07-18 13:32	1109.84096	Other	NA	Electronic	1.93238	1.9328

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	26-07-18	15:32-17:30			1.93487	26-07-18 15:35	112093.9369	Other	NA	Electronic	1.93487	1.93529
GBPNZD.	27-07-18	09:32-11:30			1.93351	27-07-18 09:54	5549.204799	Other	NA	Electronic	1.93351	1.93393
GBPNZD.	27-07-18	11:32-13:30			1.93408	27-07-18 12:25	7768.886719	Other	NA	Electronic	1.93408	1.93447
GBPNZD.	27-07-18	13:32-15:30			1.93064	27-07-18 14:05	12208.25056	Other	NA	Electronic	1.93022	1.93064
GBPNZD.	27-07-18	15:32-17:30			1.92873	27-07-18 16:26	18867.29632	Other	NA	Electronic	1.92832	1.92873
GBPNZD.	30-07-18	09:32-11:30			1.92744	30-07-18 10:06	13318.09152	Other	NA	Electronic	1.92744	1.92786
GBPNZD.	30-07-18	11:32-13:30			1.92727	30-07-18 12:20	3329.522879	Other	NA	Electronic	1.92685	1.92727
GBPNZD.	30-07-18	13:32-15:30			1.92556	30-07-18 13:54	11098.4096	Other	NA	Electronic	1.92556	1.92595
GBPNZD.	30-07-18	15:32-17:30			1.92441	30-07-18 15:39	11098.4096	Other	NA	Electronic	1.92403	1.92441
GBPNZD.	31-07-18	09:32-11:30			1.93026	31-07-18 10:08	1109.84096	Other	NA	Electronic	1.93026	1.93063
GBPNZD.	31-07-18	11:30-11:32	1.93032	15537.77344								
GBPNZD.	31-07-18	13:32-15:30			1.92817	31-07-18 14:02	8878.727678	Other	NA	Electronic	1.92817	1.9286
GBPNZD.	31-07-18	15:32-17:30			1.92616	31-07-18 15:37	11098.4096	Other	NA	Electronic	1.92578	1.92616
GBPNZD.	01-08-18	09:32-11:30			1.92802	01-08-18 10:39	24416.50112	Other	NA	Electronic	1.9276	1.92802
GBPNZD.	01-08-18	11:32-13:30			1.93041	01-08-18 12:00	13318.09152	Other	NA	Electronic	1.93041	1.93081

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	01-08-18	13:30-13:32	1.92914	37734.59263								
GBPNZD.	01-08-18	15:32-17:30			1.93107	01-08-18 15:32	44393.63839	Other	NA	Electronic	1.93107	1.93148
GBPNZD.	02-08-18	09:32-11:30			1.93711	02-08-18 10:06	5549.204799	Other	NA	Electronic	1.93711	1.93751
GBPNZD.	02-08-18	11:32-13:30			1.93474	02-08-18 11:46	1109.84096	Other	NA	Electronic	1.93423	1.93474
GBPNZD.	02-08-18	15:32-17:30			1.93096	02-08-18 15:44	11098.4096	Other	NA	Electronic	1.93053	1.93096
GBPNZD.	03-08-18	09:32-11:30			1.93154	03-08-18 11:12	5549.204799	Other	NA	Electronic	1.93158	1.93202
GBPNZD.	03-08-18	11:32-13:30			1.92771	03-08-18 11:36	33295.22879	Other	NA	Electronic	1.92771	1.92815
GBPNZD.	03-08-18	15:32-17:30			1.92645	03-08-18 16:19	1109.84096	Other	NA	Electronic	1.92645	1.92687
GBPNZD.	06-08-18	09:32-11:30			1.92428	06-08-18 09:44	11098.4096	Other	NA	Electronic	1.92386	1.92428
GBPNZD.	06-08-18	11:32-13:30			1.92223	06-08-18 11:37	11098.4096	Other	NA	Electronic	1.92181	1.92223
GBPNZD.	06-08-18	13:32-15:30			1.92219	06-08-18 14:12	5549.204799	Other	NA	Electronic	1.92219	1.92261
GBPNZD.	06-08-18	15:32-17:30			1.92215	06-08-18 15:45	2219.68192	Other	NA	Electronic	1.9218	1.92217
GBPNZD.	07-08-18	09:32-11:30			1.92117	07-08-18 09:50	23306.66016	Other	NA	Electronic	1.92074	1.92117
GBPNZD.	07-08-18	11:32-13:30			1.92055	07-08-18 13:29	4439.363839	Other	NA	Electronic	1.92016	1.92055
GBPNZD.	08-08-18	09:32-11:30			1.91347	08-08-18 09:33	11098.4096	Other	NA	Electronic	1.91304	1.91347

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	08-08-18	11:32-13:30			1.91178	08-08-18 12:47	11098.4096	Other	NA	Electronic	1.91178	1.91218
GBPNZD.	09-08-18	09:32-11:30			1.93474	09-08-18 09:32	1109.84096	Other	NA	Electronic	1.93474	1.93519
GBPNZD.	09-08-18	11:32-13:30			1.93776	09-08-18 11:41	1109.84096	Other	NA	Electronic	1.93672	1.93714
GBPNZD.	09-08-18	13:32-15:30			1.93949	09-08-18 13:55	15537.77344	Other	NA	Electronic	1.93905	1.93949
GBPNZD.	09-08-18	15:32-17:30			1.94136	09-08-18 16:23	2219.68192	Other	NA	Electronic	1.94136	1.94179
GBPNZD.	10-08-18	09:32-11:30			1.93917	10-08-18 09:38	1109.84096	Other	NA	Electronic	1.93873	1.93917
GBPNZD.	10-08-18	11:32-13:30			1.9368	10-08-18 12:05	1109.84096	Other	NA	Electronic	1.93638	1.9368
GBPNZD.	10-08-18	13:30-13:32	1.93007	106544.7321								
GBPNZD.	10-08-18	15:32-17:30			1.9347	10-08-18 17:03	8878.727678	Other	NA	Electronic	1.93428	1.9347
GBPNZD.	13-08-18	11:32-13:30			1.94017	13-08-18 11:41	8878.727678	Other	NA	Electronic	1.94017	1.94059
GBPNZD.	13-08-18	13:32-15:30			1.93862	13-08-18 15:25	1109.84096	Other	NA	Electronic	1.93862	1.93904
GBPNZD.	14-08-18	09:30-09:32	1.93812	8878.727678								
GBPNZD.	14-08-18	11:32-13:30			1.93568	14-08-18 11:59	5549.204799	Other	NA	Electronic	1.93526	1.93568
GBPNZD.	14-08-18	13:32-15:30			1.93562	14-08-18 13:43	5549.204799	Other	NA	Electronic	1.93521	1.93562
GBPNZD.	14-08-18	15:32-17:30			1.93308	14-08-18 15:37	2219.68192	Other	NA	Electronic	1.93308	1.93351

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GBPNZD.	15-08-18	09:32-11:30			1.94059	15-08-18 09:34	12208.25056	Other	NA	Electronic	1.94059	1.94102
GBPNZD.	15-08-18	11:30-11:32	1.93941	8878.727678								
GBPNZD.	15-08-18	13:32-15:30			1.93629	15-08-18 15:22	3329.522879	Other	NA	Electronic	1.93629	1.93672
GBPNZD.	15-08-18	15:32-17:30			1.93537	15-08-18 15:51	3329.522879	Other	NA	Electronic	1.93492	1.93537
GBPNZD.	16-08-18	09:32-11:30			1.93042	16-08-18 09:40	4439.363839	Other	NA	Electronic	1.93042	1.93084
GBPNZD.	16-08-18	11:32-13:30			1.92736	16-08-18 12:50	11098.4096	Other	NA	Electronic	1.92695	1.92736
GBPNZD.	16-08-18	13:32-15:30			1.92794	16-08-18 14:54	2219.68192	Other	NA	Electronic	1.92751	1.92794
GBPNZD.	17-08-18	09:32-11:30			1.926	17-08-18 09:53	5549.204799	Other	NA	Electronic	1.926	1.92643
GBPNZD.	17-08-18	11:32-13:30			1.92624	17-08-18 11:42	3329.522879	Other	NA	Electronic	1.92583	1.92624
GBPNZD.	17-08-18	13:32-15:30			1.9256	17-08-18 14:51	3329.522879	Other	NA	Electronic	1.92519	1.9256
GBPNZD.	20-08-18	09:32-11:30			1.92841	20-08-18 11:25	4439.363839	Other	NA	Electronic	1.92799	1.92841
GBPNZD.	20-08-18	11:32-13:30			1.92934	20-08-18 11:43	5549.204799	Other	NA	Electronic	1.92892	1.92934
GBPNZD.	20-08-18	13:32-15:30			1.92881	20-08-18 14:08	1109.84096	Other	NA	Electronic	1.92839	1.92881
GBPNZD.	20-08-18	15:32-17:30			1.92786	20-08-18 16:39	5549.204799	Other	NA	Electronic	1.92786	1.92833
GBPNZD.	21-08-18	09:32-11:30			1.92284	21-08-18 09:33	1109.84096	Other	NA	Electronic	1.92284	1.92321

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GBPNZD.	21-08-18	11:32-13:30			1.92605	21-08-18 12:27	11098.4096	Other	NA	Electronic	1.92605	1.92643
GBPNZD.	21-08-18	13:32-15:30			1.92722	21-08-18 13:51	2219.68192	Other	NA	Electronic	1.92686	1.92722
GBPNZD.	21-08-18	15:32-17:30			1.92694	21-08-18 17:24	3329.522879	Other	NA	Electronic	1.92647	1.92694
GBPNZD.	22-08-18	09:32-11:30			1.92439	22-08-18 11:23	2219.68192	Other	NA	Electronic	1.92439	1.92481
GBPNZD.	22-08-18	13:32-15:30			1.93	22-08-18 14:19	112093.9369	Other	NA	Electronic	1.92959	1.93
GBPNZD.	23-08-18	09:32-11:30			1.92909	23-08-18 10:10	1109.84096	Other	NA	Electronic	1.92909	1.92946
GBPNZD.	23-08-18	13:32-15:30			1.92762	23-08-18 15:20	1109.84096	Other	NA	Electronic	1.92718	1.92762
GBPNZD.	23-08-18	15:32-17:30			1.92916	23-08-18 16:01	1109.84096	Other	NA	Electronic	1.92873	1.92916
GBPNZD.	24-08-18	11:32-13:30			1.9275	24-08-18 11:41	5549.204799	Other	NA	Electronic	1.9275	1.92794
GBPNZD.	24-08-18	13:32-15:30			1.92697	24-08-18 14:02	1109.84096	Other	NA	Electronic	1.92651	1.92697
GBPNZD.	24-08-18	15:32-17:30			1.92148	24-08-18 16:35	1109.84096	Other	NA	Electronic	1.92105	1.92148
GBPNZD.	27-08-18	11:32-13:30			1.92681	27-08-18 12:16	2219.68192	Other	NA	Electronic	1.92681	1.92723
GBPNZD.	27-08-18	13:32-15:30			1.92598	27-08-18 14:01	1109.84096	Other	NA	Electronic	1.92597	1.9264
GBPNZD.	28-08-18	09:30-09:32	1.92381	11098.4096								
GBPNZD.	28-08-18	11:32-13:30			1.92285	28-08-18 11:34	11098.4096	Other	NA	Electronic	1.92285	1.92323

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GBPNZD.	28-08-18	13:32-15:30			1.92048	28-08-18 14:34	5549.204799	Other	NA	Electronic	1.92048	1.9209
GBPNZD.	28-08-18	15:32-17:30			1.91848	28-08-18 16:07	2219.68192	Other	NA	Electronic	1.91806	1.91848
GBPNZD.	29-08-18	09:32-11:30			1.92212	29-08-18 10:44	1109.84096	Other	NA	Electronic	1.92169	1.92212
GBPNZD.	29-08-18	11:32-13:30			1.92374	29-08-18 12:03	16647.6144	Other	NA	Electronic	1.92332	1.92374
GBPNZD.	29-08-18	13:32-15:30			1.92309	29-08-18 13:33	4439.363839	Other	NA	Electronic	1.92267	1.92309
GBPNZD.	29-08-18	15:32-17:30			1.94175	29-08-18 15:45	11098.4096	Other	NA	Electronic	1.94133	1.94175
GBPNZD.	30-08-18	09:32-11:30			1.95427	30-08-18 10:34	22196.8192	Other	NA	Electronic	1.95387	1.95427
GBPNZD.	30-08-18	11:32-13:30			1.95329	30-08-18 12:15	3329.522879	Other	NA	Electronic	1.95329	1.95372
GBPNZD.	30-08-18	13:32-15:30			1.957	30-08-18 14:37	1109.84096	Other	NA	Electronic	1.95657	1.957
GBPNZD.	30-08-18	15:32-17:30			1.9581	30-08-18 16:24	2219.68192	Other	NA	Electronic	1.95768	1.9581
GBPNZD.	31-08-18	09:32-11:30			1.95872	31-08-18 10:49	5549.204799	Other	NA	Electronic	1.95871	1.95913
GBPNZD.	31-08-18	11:32-13:30			1.95672	31-08-18 12:37	1109.84096	Other	NA	Electronic	1.95672	1.95714
GBPNZD.	31-08-18	13:32-15:30			1.96055	31-08-18 14:44	112093.9369	Other	NA	Electronic	1.95998	1.96055
GBPNZD.	31-08-18	15:32-17:30			1.95842	31-08-18 16:07	1109.84096	Other	NA	Electronic	1.95842	1.95879
GBPNZD.	03-09-18	11:32-13:30			1.94704	03-09-18 12:01	1109.84096	Other	NA	Electronic	1.94704	1.94746



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	03-09-18	13:32-15:30			1.94901	03-09-18 13:43	11098.4096	Other	NA	Electronic	1.94861	1.94901
GBPNZD.	03-09-18	15:32-17:30			1.9514	03-09-18 15:41	33295.22879	Other	NA	Electronic	1.95098	1.9514
GBPNZD.	04-09-18	09:32-11:30			1.95735	04-09-18 09:33	5549.204799	Other	NA	Electronic	1.95735	1.95778
GBPNZD.	04-09-18	11:32-13:30			1.95806	04-09-18 11:42	5549.204799	Other	NA	Electronic	1.95806	1.95853
GBPNZD.	04-09-18	15:32-17:30			1.96278	04-09-18 17:01	2219.68192	Other	NA	Electronic	1.96278	1.96327
GBPNZD.	05-09-18	09:32-11:30			1.95465	05-09-18 09:52	112093.9369	Other	NA	Electronic	1.95423	1.95465
GBPNZD.	05-09-18	11:30-11:32	1.95241	1109.84096								
GBPNZD.	05-09-18	13:32-15:30			1.96808	05-09-18 14:44	3329.522879	Other	NA	Electronic	1.96808	1.96851
GBPNZD.	05-09-18	15:32-17:30			1.96048	05-09-18 15:40	1109.84096	Other	NA	Electronic	1.96048	1.96093
GBPNZD.	06-09-18	09:32-11:30			1.96428	06-09-18 09:49	2219.68192	Other	NA	Electronic	1.9638	1.96428
GBPNZD.	06-09-18	11:32-13:30			1.96146	06-09-18 11:47	1109.84096	Other	NA	Electronic	1.96102	1.96146
GBPNZD.	07-09-18	09:32-11:30			1.9657	07-09-18 09:41	1109.84096	Other	NA	Electronic	1.9657	1.96612
GBPNZD.	07-09-18	11:32-13:30			1.97479	07-09-18 12:00	1109.84096	Other	NA	Electronic	1.97442	1.97479
GBPNZD.	07-09-18	13:32-15:30			1.98047	07-09-18 14:35	5549.204799	Other	NA	Electronic	1.97997	1.98047
GBPNZD.	10-09-18	09:32-11:30			1.97952	10-09-18 09:40	23306.66016	Other	NA	Electronic	1.97952	1.97988

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	10-09-18	11:32-13:30			1.98495	10-09-18 12:53	112093.9369	Other	NA	Electronic	1.98371	1.98495
GBPNZD.	11-09-18	11:32-13:30			1.99803	11-09-18 12:17	5549.204799	Other	NA	Electronic	1.99755	1.99799
GBPNZD.	11-09-18	13:32-15:30			1.99923	11-09-18 14:17	5549.204799	Other	NA	Electronic	1.99923	1.9996
GBPNZD.	12-09-18	09:32-11:30			1.9974	12-09-18 09:45	5549.204799	Other	NA	Electronic	1.99697	1.9974
GBPNZD.	12-09-18	11:32-13:30			1.99442	12-09-18 11:35	2219.68192	Other	NA	Electronic	1.99396	1.99442
GBPNZD.	12-09-18	13:32-15:30			1.99289	12-09-18 13:54	2219.68192	Other	NA	Electronic	1.99289	1.99333
GBPNZD.	12-09-18	15:32-17:30			1.98785	12-09-18 15:35	9988.568638	Other	NA	Electronic	1.98744	1.98785
GBPNZD.	13-09-18	09:32-11:30			1.99501	13-09-18 09:57	5549.204799	Other	NA	Electronic	1.99456	1.99501
GBPNZD.	13-09-18	11:32-13:30			1.99178	13-09-18 11:45	1109.84096	Other	NA	Electronic	1.99015	1.99178
GBPNZD.	13-09-18	13:32-15:30			1.99251	13-09-18 13:48	1109.84096	Other	NA	Electronic	1.99251	1.99295
GBPNZD.	13-09-18	15:32-17:30			1.99727	13-09-18 17:05	11098.4096	Other	NA	Electronic	1.99677	1.99727
GBPNZD.	14-09-18	09:32-11:30			1.99354	14-09-18 09:40	1109.84096	Other	NA	Electronic	1.99311	1.99354
GBPNZD.	14-09-18	11:32-13:30			1.99205	14-09-18 11:46	11098.4096	Other	NA	Electronic	1.99205	1.99252
GBPNZD.	14-09-18	15:32-17:30			1.99536	14-09-18 17:09	1109.84096	Other	NA	Electronic	1.99536	1.99588
GBPNZD.	17-09-18	09:32-11:30			1.99348	17-09-18 09:45	5549.204799	Other	NA	Electronic	1.99348	1.99385

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GBPNZD.	17-09-18	11:32-13:30			1.99561	17-09-18 11:50	2219.68192	Other	NA	Electronic	1.99519	1.99561
GBPNZD.	17-09-18	13:32-15:30			1.99752	17-09-18 14:59	1109.84096	Other	NA	Electronic	1.99752	1.99794
GBPNZD.	17-09-18	15:32-17:30			1.99687	17-09-18 16:46	1109.84096	Other	NA	Electronic	1.99687	1.99728
GBPNZD.	18-09-18	09:30-09:32	1.98961	1109.84096								
GBPNZD.	18-09-18	11:32-13:30			1.99335	18-09-18 12:01	1109.84096	Other	NA	Electronic	1.99329	1.99376
GBPNZD.	18-09-18	13:32-15:30			1.99759	18-09-18 13:50	1109.84096	Other	NA	Electronic	1.99717	1.99759
GBPNZD.	18-09-18	15:32-17:30			1.99573	18-09-18 17:10	5549.204799	Other	NA	Electronic	1.99573	1.99625
GBPNZD.	19-09-18	09:32-11:30			1.98409	19-09-18 11:08	1109.84096	Other	NA	Electronic	1.98307	1.98421
GBPNZD.	19-09-18	11:30-11:32	1.98898	1109.84096								
GBPNZD.	19-09-18	13:32-15:30			1.9883	19-09-18 13:38	18867.29632	Other	NA	Electronic	1.9883	1.98874
GBPNZD.	20-09-18	09:30-09:32	1.98379	4439.363839								
GBPNZD.	20-09-18	11:32-13:30			1.98826	20-09-18 11:40	2219.68192	Other	NA	Electronic	1.98826	1.98867
GBPNZD.	20-09-18	15:32-17:30			1.98183	20-09-18 16:16	34405.06975	Other	NA	Electronic	1.98183	1.98227
GBPNZD.	21-09-18	09:32-11:30			1.97014	21-09-18 09:44	1109.84096	Other	NA	Electronic	1.97014	1.97055
GBPNZD.	21-09-18	11:32-13:30			1.96916	21-09-18 12:19	1109.84096	Other	NA	Electronic	1.96871	1.96916

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZD.	21-09-18	13:32-15:30			1.95902	21-09-18 14:26	1109.84096	Other	NA	Electronic	1.95858	1.95902
GBPNZD.	21-09-18	15:32-17:30			1.95771	21-09-18 15:34	16647.6144	Other	NA	Electronic	1.95729	1.95771
GBPNZD.	24-09-18	11:32-13:30			1.96907	24-09-18 11:34	1109.84096	Other	NA	Electronic	1.96907	1.96949
GBPNZD.	24-09-18	13:32-15:30			1.97337	24-09-18 13:33	1109.84096	Other	NA	Electronic	1.9729	1.97337
GBPNZD.	25-09-18	09:32-11:30			1.97903	25-09-18 09:39	2219.68192	Other	NA	Electronic	1.97861	1.97903
GBPNZD.	25-09-18	11:30-11:32	1.97871	2219.68192								
GBPNZD.	25-09-18	13:32-15:30			1.97822	25-09-18 14:14	14427.93248	Other	NA	Electronic	1.97777	1.97822
GBPNZD.	25-09-18	15:32-17:30			1.9811	25-09-18 16:56	1109.84096	Other	NA	Electronic	1.98069	1.9811
GBPNZD.	26-09-18	09:32-11:30			1.97615	26-09-18 11:08	6659.045759	Other	NA	Electronic	1.97566	1.97615
GBPNZD.	26-09-18	11:32-13:30			1.98071	26-09-18 11:58	2219.68192	Other	NA	Electronic	1.98029	1.98071
GBPNZD.	26-09-18	15:32-17:30			1.9788	26-09-18 17:01	1109.84096	Other	NA	Electronic	1.9788	1.97926
GBPNZD.	27-09-18	09:32-11:30			1.97813	27-09-18 10:40	5549.204799	Other	NA	Electronic	1.97813	1.97855
GBPNZD.	27-09-18	11:32-13:30			1.98013	27-09-18 11:57	5549.204799	Other	NA	Electronic	1.98013	1.98055
GBPNZD.	27-09-18	13:32-15:30			1.97843	27-09-18 13:34	5549.204799	Other	NA	Electronic	1.97801	1.97843
GBPNZD.	28-09-18	09:32-11:30			1.97594	28-09-18 09:33	14427.93248	Other	NA	Electronic	1.97594	1.97637

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GBPNZD.	28-09-18	11:32-13:30			1.97119	28-09-18 12:44	14427.93248	Other	NA	Electronic	1.97119	1.97162
GBPNZD.	28-09-18	15:32-17:30			1.96522	28-09-18 15:36	3329.522879	Other	NA	Electronic	1.96481	1.96522
GBPNZDmicro	02-07-18	09:32-11:30			1.95046	02-07-18 09:32	8323.807198	Other	NA	Electronic	1.95046	1.95119
GBPNZDmicro	02-07-18	11:30-11:32	1.9552	554.9204799								
GBPNZDmicro	02-07-18	13:32-15:30			1.95302	02-07-18 13:32	3751.262444	Other	NA	Electronic	1.95302	1.95377
GBPNZDmicro	02-07-18	15:32-17:30			1.9591	02-07-18 15:34	566.0188895	Other	NA	Electronic	1.9591	1.95981
GBPNZDmicro	03-07-18	09:30-09:32	1.95695	554.9204799								
GBPNZDmicro	03-07-18	11:30-11:32	1.95817	11098.4096								
GBPNZDmicro	03-07-18	13:30-13:32	1.95584	1109.84096								
GBPNZDmicro	03-07-18	15:32-17:30			1.95309	03-07-18 15:35	122.0825056	Other	NA	Electronic	1.9523	1.95309
GBPNZDmicro	04-07-18	09:30-09:32	1.95296	221.968192								
GBPNZDmicro	04-07-18	11:32-13:30			1.95348	04-07-18 11:37	11.0984096	Other	NA	Electronic	1.95272	1.95348
GBPNZDmicro	04-07-18	13:32-15:30			1.95448	04-07-18 13:35	3340.621289	Other	NA	Electronic	1.95372	1.95448
GBPNZDmicro	04-07-18	15:32-17:30			1.95465	04-07-18 15:57	332.9522879	Other	NA	Electronic	1.95465	1.95544
GBPNZDmicro	05-07-18	09:32-11:30			1.95176	05-07-18 09:45	44.39363839	Other	NA	Electronic	1.95176	1.95257

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GBPNZDmicro	05-07-18	11:32-13:30			1.9543	05-07-18 11:40	221.968192	Other	NA	Electronic	1.95355	1.9543
GBPNZDmicro	05-07-18	13:30-13:32	1.94846	4938.792271								
GBPNZDmicro	05-07-18	15:32-17:30			1.94733	05-07-18 15:32	3329.522879	Other	NA	Electronic	1.94658	1.94733
GBPNZDmicro	06-07-18	09:30-09:32	1.94206	2219.68192								
GBPNZDmicro	06-07-18	11:30-11:32	1.94	1109.84096								
GBPNZDmicro	06-07-18	13:30-13:32	1.94428	2552.634208								
GBPNZDmicro	06-07-18	15:32-17:30			1.94272	06-07-18 15:40	99.88568638	Other	NA	Electronic	1.94198	1.94272
GBPNZDmicro	09-07-18	09:30-09:32	1.94852	1231.923465								
GBPNZDmicro	09-07-18	11:32-13:30			1.94716	09-07-18 11:40	110.984096	Other	NA	Electronic	1.94641	1.94716
GBPNZDmicro	09-07-18	13:32-15:30			1.94813	09-07-18 13:33	221.968192	Other	NA	Electronic	1.94813	1.94882
GBPNZDmicro	09-07-18	15:32-17:30			1.93651	09-07-18 15:32	110.984096	Other	NA	Electronic	1.93651	1.93727
GBPNZDmicro	10-07-18	09:30-09:32	1.94358	233.0666016								
GBPNZDmicro	10-07-18	11:32-13:30			1.94401	10-07-18 11:35	110.984096	Other	NA	Electronic	1.94398	1.94472
GBPNZDmicro	10-07-18	13:32-15:30			1.94501	10-07-18 13:36	11.0984096	Other	NA	Electronic	1.94428	1.94501
GBPNZDmicro	10-07-18	15:30-15:32	1.94197	22.1968192								

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GBPNZDmicro	11-07-18	09:30-09:32	1.94957	155.3777344								
GBPNZDmicro	11-07-18	11:32-13:30			1.95092	11-07-18 11:41	554.9204799	Other	NA	Electronic	1.95017	1.95092
GBPNZDmicro	11-07-18	13:30-13:32	1.9529	11098.4096								
GBPNZDmicro	11-07-18	15:32-17:30			1.95144	11-07-18 16:00	110.984096	Other	NA	Electronic	1.95068	1.95144
GBPNZDmicro	12-07-18	09:32-11:30			1.95423	12-07-18 09:33	3340.621289	Other	NA	Electronic	1.95347	1.95422
GBPNZDmicro	12-07-18	11:30-11:32	1.95315	3329.522879								
GBPNZDmicro	12-07-18	13:32-15:30			1.95322	12-07-18 13:47	11.0984096	Other	NA	Electronic	1.95322	1.95396
GBPNZDmicro	12-07-18	15:32-17:30			1.952	12-07-18 15:32	55.49204799	Other	NA	Electronic	1.952	1.95277
GBPNZDmicro	13-07-18	09:32-11:30			1.94853	13-07-18 09:43	1664.76144	Other	NA	Electronic	1.94777	1.94853
GBPNZDmicro	13-07-18	11:32-13:30			1.95036	13-07-18 11:34	332.9522879	Other	NA	Electronic	1.95036	1.95112
GBPNZDmicro	13-07-18	13:32-15:30			1.95474	13-07-18 13:34	110984.096	Other	NA	Electronic	1.95391	1.95475
GBPNZDmicro	13-07-18	15:32-17:30			1.95384	13-07-18 15:32	33.29522879	Other	NA	Electronic	1.95384	1.95459
GBPNZDmicro	16-07-18	09:32-11:30			1.95574	16-07-18 09:32	44.39363839	Other	NA	Electronic	1.955	1.95574
GBPNZDmicro	16-07-18	11:32-13:30			1.95668	16-07-18 11:40	22.1968192	Other	NA	Electronic	1.95668	1.95742
GBPNZDmicro	16-07-18	13:32-15:30			1.95446	16-07-18 13:32	1675.859849	Other	NA	Electronic	1.95446	1.9552

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GBPNZDmicro	16-07-18	15:30-15:32	1.95452	4439.363839								
GBPNZDmicro	17-07-18	09:32-11:30			1.94086	17-07-18 09:46	554.9204799	Other	NA	Electronic	1.94011	1.94086
GBPNZDmicro	17-07-18	11:30-11:32	1.93793	332.9522879								
GBPNZDmicro	17-07-18	13:30-13:32	1.93757	5560.303209								
GBPNZDmicro	17-07-18	15:32-17:30			1.93599	17-07-18 15:48	22196.8192	Other	NA	Electronic	1.93594	1.93672
GBPNZDmicro	18-07-18	09:32-11:30			1.92926	18-07-18 09:36	66.59045759	Other	NA	Electronic	1.92871	1.92926
GBPNZDmicro	18-07-18	11:32-13:30			1.92594	18-07-18 11:35	2219.68192	Other	NA	Electronic	1.92594	1.92667
GBPNZDmicro	18-07-18	13:32-15:30			1.92474	18-07-18 13:33	332.9522879	Other	NA	Electronic	1.92476	1.92548
GBPNZDmicro	18-07-18	15:32-17:30			1.92328	18-07-18 15:43	443.9363839	Other	NA	Electronic	1.92329	1.92403
GBPNZDmicro	19-07-18	09:32-11:30			1.92939	19-07-18 09:36	22.1968192	Other	NA	Electronic	1.92939	1.93016
GBPNZDmicro	19-07-18	11:32-13:30			1.9308	19-07-18 11:39	16658.71281	Other	NA	Electronic	1.93007	1.9308
GBPNZDmicro	19-07-18	13:30-13:32	1.9298	221.968192								
GBPNZDmicro	19-07-18	15:32-17:30			1.93285	19-07-18 15:44	11098.4096	Other	NA	Electronic	1.93285	1.93359
GBPNZDmicro	20-07-18	09:32-11:30			1.92421	20-07-18 09:35	155.3777344	Other	NA	Electronic	1.92421	1.92496
GBPNZDmicro	20-07-18	11:32-13:30			1.92922	20-07-18 11:55	1109.84096	Other	NA	Electronic	1.92848	1.92923



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	20-07-18	13:32-15:30			1.92747	20-07-18 13:34	1109.84096	Other	NA	Electronic	1.92669	1.92747
GBPNZDmicro	20-07-18	15:30-15:32	1.92637	887.8727678								
GBPNZDmicro	23-07-18	09:32-11:30			1.92679	23-07-18 09:34	110.984096	Other	NA	Electronic	1.92597	1.92679
GBPNZDmicro	23-07-18	11:32-13:30			1.92897	23-07-18 11:32	8878.727678	Other	NA	Electronic	1.92897	1.92968
GBPNZDmicro	23-07-18	13:30-13:32	1.93118	388.4443359								
GBPNZDmicro	23-07-18	15:32-17:30			1.93107	23-07-18 15:59	277.4602399	Other	NA	Electronic	1.93107	1.93179
GBPNZDmicro	24-07-18	09:32-11:30			1.93124	24-07-18 09:46	110.984096	Other	NA	Electronic	1.93051	1.93124
GBPNZDmicro	24-07-18	11:30-11:32	1.92888	1109.84096								
GBPNZDmicro	24-07-18	13:32-15:30			1.92981	24-07-18 13:33	110.984096	Other	NA	Electronic	1.92917	1.92981
GBPNZDmicro	24-07-18	15:32-17:30			1.9309	24-07-18 15:39	1109.84096	Other	NA	Electronic	1.9309	1.93161
GBPNZDmicro	25-07-18	09:30-09:32	1.9304	166.476144								
GBPNZDmicro	25-07-18	11:30-11:32	1.93317	4572.544754								
GBPNZDmicro	25-07-18	13:32-15:30			1.9331	25-07-18 13:35	110.984096	Other	NA	Electronic	1.93235	1.9331
GBPNZDmicro	25-07-18	15:32-17:30			1.93159	25-07-18 15:42	887.8727678	Other	NA	Electronic	1.93159	1.93232
GBPNZDmicro	26-07-18	09:32-11:30			1.9329	26-07-18 09:33	177.5745536	Other	NA	Electronic	1.9329	1.93364

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	26-07-18	11:30-11:32	1.9329	266.3618303								
GBPNZDmicro	26-07-18	13:30-13:32	1.93234	443.9363839								
GBPNZDmicro	26-07-18	15:30-15:32	1.93492	5549.204799								
GBPNZDmicro	27-07-18	09:32-11:30			1.93418	27-07-18 09:36	3329.522879	Other	NA	Electronic	1.93418	1.93494
GBPNZDmicro	27-07-18	11:30-11:32	1.93612	1753.548716								
GBPNZDmicro	27-07-18	13:30-13:32	1.93365	221.968192								
GBPNZDmicro	27-07-18	15:32-17:30			1.93073	27-07-18 15:40	110984.096	Other	NA	Electronic	1.92994	1.93071
GBPNZDmicro	30-07-18	09:30-09:32	1.92865	11.0984096								
GBPNZDmicro	30-07-18	11:30-11:32	1.92651	1109.84096								
GBPNZDmicro	30-07-18	13:32-15:30			1.92562	30-07-18 13:51	554.9204799	Other	NA	Electronic	1.92562	1.92634
GBPNZDmicro	30-07-18	15:32-17:30			1.9246	30-07-18 15:44	1664.76144	Other	NA	Electronic	1.92384	1.9246
GBPNZDmicro	31-07-18	09:32-11:30			1.93037	31-07-18 09:37	4439.363839	Other	NA	Electronic	1.92963	1.93037
GBPNZDmicro	31-07-18	11:32-13:30			1.92965	31-07-18 11:33	5538.106389	Other	NA	Electronic	1.92965	1.93041
GBPNZDmicro	31-07-18	13:30-13:32	1.92763	1109.84096								
GBPNZDmicro	31-07-18	15:32-17:30			1.92522	31-07-18 15:32	1109.84096	Other	NA	Electronic	1.92522	1.92593

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	01-08-18	09:32-11:30			1.92903	01-08-18 09:32	110.984096	Other	NA	Electronic	1.92827	1.92903
GBPNZDmicro	01-08-18	11:32-13:30			1.92945	01-08-18 11:43	110.984096	Other	NA	Electronic	1.92945	1.9302
GBPNZDmicro	01-08-18	13:32-15:30			1.92677	01-08-18 13:59	499.4284319	Other	NA	Electronic	1.92685	1.93079
GBPNZDmicro	01-08-18	15:32-17:30			1.93134	01-08-18 15:42	133.1809152	Other	NA	Electronic	1.93057	1.93134
GBPNZDmicro	02-08-18	09:32-11:30			1.93548	02-08-18 09:38	554.9204799	Other	NA	Electronic	1.93547	1.93622
GBPNZDmicro	02-08-18	11:32-13:30			1.93712	02-08-18 11:44	1109.84096	Other	NA	Electronic	1.93712	1.93789
GBPNZDmicro	02-08-18	13:30-13:32	1.93149	122.0825056								
GBPNZDmicro	02-08-18	15:32-17:30			1.93051	02-08-18 15:37	110.984096	Other	NA	Electronic	1.92975	1.93051
GBPNZDmicro	03-08-18	09:32-11:30			1.93195	03-08-18 09:39	110.984096	Other	NA	Electronic	1.9312	1.93195
GBPNZDmicro	03-08-18	11:32-13:30			1.9286	03-08-18 11:33	110.984096	Other	NA	Electronic	1.92783	1.92852
GBPNZDmicro	03-08-18	13:30-13:32	1.92836	110.984096								
GBPNZDmicro	03-08-18	15:30-15:32	1.92659	1109.84096								
GBPNZDmicro	06-08-18	09:32-11:30			1.92236	06-08-18 09:56	5549.204799	Other	NA	Electronic	1.92236	1.9231
GBPNZDmicro	06-08-18	11:32-13:30			1.92183	06-08-18 11:37	3329.522879	Other	NA	Electronic	1.92183	1.92259
GBPNZDmicro	06-08-18	13:32-15:30			1.92141	06-08-18 13:52	332.9522879	Other	NA	Electronic	1.92141	1.92219

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	06-08-18	15:32-17:30			1.92212	06-08-18 15:40	221.968192	Other	NA	Electronic	1.92135	1.92212
GBPNZDmicro	07-08-18	09:30-09:32	1.9215	122.0825056								
GBPNZDmicro	07-08-18	11:32-13:30			1.92034	07-08-18 12:05	66.59045759	Other	NA	Electronic	1.92034	1.92109
GBPNZDmicro	07-08-18	13:32-15:30			1.9198	07-08-18 13:32	443.9363839	Other	NA	Electronic	1.9198	1.92055
GBPNZDmicro	07-08-18	15:32-17:30			1.92184	07-08-18 15:48	887.8727678	Other	NA	Electronic	1.92184	1.92256
GBPNZDmicro	08-08-18	09:30-09:32	1.91331	488.3300223								
GBPNZDmicro	08-08-18	11:30-11:32	1.90912	110.984096								
GBPNZDmicro	08-08-18	13:30-13:32	1.90971	2219.68192								
GBPNZDmicro	08-08-18	15:32-17:30			1.91052	08-08-18 15:33	665.9045759	Other	NA	Electronic	1.91052	1.91139
GBPNZDmicro	09-08-18	09:32-11:30			1.93703	09-08-18 09:42	221.968192	Other	NA	Electronic	1.93703	1.93778
GBPNZDmicro	09-08-18	11:32-13:30			1.93801	09-08-18 11:49	1109.84096	Other	NA	Electronic	1.93801	1.93881
GBPNZDmicro	09-08-18	13:32-15:30			1.94101	09-08-18 13:44	11098.4096	Other	NA	Electronic	1.94101	1.94176
GBPNZDmicro	09-08-18	15:32-17:30			1.94219	09-08-18 15:40	11.0984096	Other	NA	Electronic	1.94219	1.94293
GBPNZDmicro	10-08-18	09:32-11:30			1.93979	10-08-18 09:46	887.8727678	Other	NA	Electronic	1.93903	1.93979
GBPNZDmicro	10-08-18	11:32-13:30			1.93563	10-08-18 11:33	554.9204799	Other	NA	Electronic	1.93487	1.93563

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	10-08-18	13:30-13:32	1.92981	3729.065625								
GBPNZDmicro	10-08-18	15:32-17:30			1.93424	10-08-18 15:45	765.7902623	Other	NA	Electronic	1.93348	1.93424
GBPNZDmicro	13-08-18	09:30-09:32	1.93669	4439.363839								
GBPNZDmicro	13-08-18	11:32-13:30			1.94023	13-08-18 11:38	3640.278348	Other	NA	Electronic	1.93947	1.94023
GBPNZDmicro	13-08-18	13:32-15:30			1.94008	13-08-18 13:36	998.8568638	Other	NA	Electronic	1.93933	1.94008
GBPNZDmicro	13-08-18	15:30-15:32	1.93809	721.3966239								
GBPNZDmicro	14-08-18	09:32-11:30			1.939	14-08-18 09:39	1109.84096	Other	NA	Electronic	1.93827	1.939
GBPNZDmicro	14-08-18	11:32-13:30			1.93523	14-08-18 11:51	221.968192	Other	NA	Electronic	1.93523	1.93601
GBPNZDmicro	14-08-18	13:32-15:30			1.93627	14-08-18 13:38	2219.68192	Other	NA	Electronic	1.93552	1.93627
GBPNZDmicro	14-08-18	15:32-17:30			1.9337	14-08-18 15:33	6659.045759	Other	NA	Electronic	1.93295	1.9337
GBPNZDmicro	15-08-18	09:30-09:32	1.94118	199.7713728								
GBPNZDmicro	15-08-18	11:32-13:30			1.93796	15-08-18 11:44	44.39363839	Other	NA	Electronic	1.93718	1.93796
GBPNZDmicro	15-08-18	13:30-13:32	1.9313	776.8886719								
GBPNZDmicro	15-08-18	15:30-15:32	1.93609	122.0825056								
GBPNZDmicro	16-08-18	09:32-11:30			1.92892	16-08-18 09:49	122.0825056	Other	NA	Electronic	1.92892	1.92969

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	16-08-18	11:32-13:30			1.92892	16-08-18 12:00	110.984096	Other	NA	Electronic	1.92892	1.92969
GBPNZDmicro	16-08-18	13:32-15:30			1.92729	16-08-18 13:41	166.476144	Other	NA	Electronic	1.92651	1.92729
GBPNZDmicro	16-08-18	15:32-17:30			1.92789	16-08-18 16:10	110.984096	Other	NA	Electronic	1.92789	1.92866
GBPNZDmicro	17-08-18	09:32-11:30			1.92611	17-08-18 09:41	122.0825056	Other	NA	Electronic	1.92611	1.92689
GBPNZDmicro	17-08-18	11:32-13:30			1.92579	17-08-18 11:33	166.476144	Other	NA	Electronic	1.92579	1.92652
GBPNZDmicro	17-08-18	13:32-15:30			1.92573	17-08-18 14:16	110.984096	Other	NA	Electronic	1.92573	1.92649
GBPNZDmicro	17-08-18	15:32-17:30			1.92692	17-08-18 16:00	55.49204799	Other	NA	Electronic	1.92692	1.92767
GBPNZDmicro	20-08-18	09:32-11:30			1.92445	20-08-18 09:33	110.984096	Other	NA	Electronic	1.92445	1.9252
GBPNZDmicro	20-08-18	11:32-13:30			1.92787	20-08-18 11:32	155.3777344	Other	NA	Electronic	1.92787	1.92863
GBPNZDmicro	20-08-18	13:32-15:30			1.92775	20-08-18 13:36	155.3777344	Other	NA	Electronic	1.92699	1.92775
GBPNZDmicro	20-08-18	15:32-17:30			1.92795	20-08-18 15:41	110.984096	Other	NA	Electronic	1.92795	1.92873
GBPNZDmicro	21-08-18	09:32-11:30			1.92327	21-08-18 09:33	11.0984096	Other	NA	Electronic	1.92252	1.92327
GBPNZDmicro	21-08-18	11:32-13:30			1.92628	21-08-18 11:32	155.3777344	Other	NA	Electronic	1.92551	1.92628
GBPNZDmicro	21-08-18	13:32-15:30			1.92594	21-08-18 13:34	11.0984096	Other	NA	Electronic	1.92594	1.9267
GBPNZDmicro	21-08-18	15:32-17:30			1.9267	21-08-18 15:33	277.4602399	Other	NA	Electronic	1.9267	1.92745

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	22-08-18	09:32-11:30			1.92606	22-08-18 09:50	355.1491071	Other	NA	Electronic	1.92534	1.92606
GBPNZDmicro	22-08-18	11:32-13:30			1.92581	22-08-18 12:25	110.984096	Other	NA	Electronic	1.92507	1.92581
GBPNZDmicro	22-08-18	13:32-15:30			1.92853	22-08-18 13:37	110.984096	Other	NA	Electronic	1.92773	1.92853
GBPNZDmicro	22-08-18	15:32-17:30			1.92787	22-08-18 15:35	144.2793248	Other	NA	Electronic	1.92711	1.92787
GBPNZDmicro	23-08-18	09:32-11:30			1.92814	23-08-18 10:00	455.0347935	Other	NA	Electronic	1.92736	1.92814
GBPNZDmicro	23-08-18	11:32-13:30			1.93098	23-08-18 11:59	110.984096	Other	NA	Electronic	1.93098	1.93176
GBPNZDmicro	23-08-18	13:32-15:30			1.92757	23-08-18 14:26	110.984096	Other	NA	Electronic	1.92758	1.92836
GBPNZDmicro	23-08-18	15:32-17:30			1.92877	23-08-18 15:37	11.0984096	Other	NA	Electronic	1.92877	1.92955
GBPNZDmicro	24-08-18	09:32-11:30			1.93012	24-08-18 09:36	554.9204799	Other	NA	Electronic	1.92933	1.93012
GBPNZDmicro	24-08-18	11:32-13:30			1.92755	24-08-18 11:34	122.0825056	Other	NA	Electronic	1.92755	1.92834
GBPNZDmicro	24-08-18	13:32-15:30			1.9274	24-08-18 13:56	11.0984096	Other	NA	Electronic	1.9274	1.92817
GBPNZDmicro	24-08-18	15:30-15:32	1.92202	110.984096								
GBPNZDmicro	27-08-18	09:32-11:30			1.92391	27-08-18 10:16	499.4284319	Other	NA	Electronic	1.92391	1.92466
GBPNZDmicro	27-08-18	11:32-13:30			1.92539	27-08-18 11:35	55.49204799	Other	NA	Electronic	1.92539	1.92614
GBPNZDmicro	27-08-18	13:32-15:30			1.92703	27-08-18 13:47	2219.68192	Other	NA	Electronic	1.92703	1.92779

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	27-08-18	15:32-17:30			1.92656	27-08-18 16:25	122.0825056	Other	NA	Electronic	1.9258	1.92656
GBPNZDmicro	28-08-18	09:32-11:30			1.92258	28-08-18 09:50	554.9204799	Other	NA	Electronic	1.92258	1.92331
GBPNZDmicro	28-08-18	11:30-11:32	1.92268	166.476144								
GBPNZDmicro	28-08-18	13:32-15:30			1.92303	28-08-18 13:40	3329.522879	Other	NA	Electronic	1.92303	1.92373
GBPNZDmicro	28-08-18	15:32-17:30			1.91925	28-08-18 15:42	221.968192	Other	NA	Electronic	1.91925	1.92002
GBPNZDmicro	29-08-18	09:32-11:30			1.91974	29-08-18 09:53	110.984096	Other	NA	Electronic	1.91974	1.92049
GBPNZDmicro	29-08-18	11:30-11:32	1.92311	554.9204799								
GBPNZDmicro	29-08-18	13:32-15:30			1.92404	29-08-18 13:49	110.984096	Other	NA	Electronic	1.92404	1.92481
GBPNZDmicro	29-08-18	15:32-17:30			1.94	29-08-18 15:35	1109.84096	Other	NA	Electronic	1.94	1.94073
GBPNZDmicro	30-08-18	09:32-11:30			1.95395	30-08-18 09:36	221.968192	Other	NA	Electronic	1.95308	1.95385
GBPNZDmicro	30-08-18	11:32-13:30			1.95489	30-08-18 12:03	277.4602399	Other	NA	Electronic	1.95413	1.95489
GBPNZDmicro	30-08-18	13:32-15:30			1.95613	30-08-18 13:41	4439.363839	Other	NA	Electronic	1.95535	1.95613
GBPNZDmicro	30-08-18	15:32-17:30			1.95637	30-08-18 15:38	110.984096	Other	NA	Electronic	1.95562	1.95637
GBPNZDmicro	31-08-18	09:32-11:30			1.95814	31-08-18 11:01	255.2634208	Other	NA	Electronic	1.95814	1.9589
GBPNZDmicro	31-08-18	11:32-13:30			1.95696	31-08-18 11:44	355.1491071	Other	NA	Electronic	1.95619	1.95696



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	31-08-18	13:32-15:30			1.95542	31-08-18 13:58	8878.727678	Other	NA	Electronic	1.95465	1.95542
GBPNZDmicro	31-08-18	15:30-15:32	1.96096	821.2823102								
GBPNZDmicro	03-09-18	09:30-09:32	1.9476	554.9204799								
GBPNZDmicro	03-09-18	11:32-13:30			1.94708	03-09-18 11:34	443.9363839	Other	NA	Electronic	1.94708	1.94785
GBPNZDmicro	03-09-18	13:30-13:32	1.94759	27746.02399								
GBPNZDmicro	03-09-18	15:32-17:30			1.95117	03-09-18 15:45	110.984096	Other	NA	Electronic	1.95117	1.95198
GBPNZDmicro	04-09-18	09:32-11:30			1.95824	04-09-18 09:35	388.4443359	Other	NA	Electronic	1.95748	1.95824
GBPNZDmicro	04-09-18	11:32-13:30			1.95726	04-09-18 11:33	177.5745536	Other	NA	Electronic	1.95649	1.95726
GBPNZDmicro	04-09-18	13:32-15:30			1.96029	04-09-18 13:42	2219.68192	Other	NA	Electronic	1.96029	1.96096
GBPNZDmicro	04-09-18	15:32-17:30			1.95871	04-09-18 16:17	110.984096	Other	NA	Electronic	1.95871	1.95948
GBPNZDmicro	05-09-18	09:30-09:32	1.95496	1775.745536								
GBPNZDmicro	05-09-18	11:32-13:30			1.95422	05-09-18 11:57	110.984096	Other	NA	Electronic	1.95346	1.95422
GBPNZDmicro	05-09-18	13:32-15:30			1.97125	05-09-18 13:33	332.9522879	Other	NA	Electronic	1.97044	1.97125
GBPNZDmicro	05-09-18	15:30-15:32	1.95906	110.984096								
GBPNZDmicro	06-09-18	09:32-11:30			1.96008	06-09-18 09:38	3340.621289	Other	NA	Electronic	1.96008	1.96084

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	06-09-18	11:32-13:30			1.96197	06-09-18 12:03	332.9522879	Other	NA	Electronic	1.9612	1.96197
GBPNZDmicro	06-09-18	13:32-15:30			1.9629	06-09-18 13:39	1109.84096	Other	NA	Electronic	1.96214	1.9629
GBPNZDmicro	06-09-18	15:32-17:30			1.96138	06-09-18 15:34	110.984096	Other	NA	Electronic	1.96061	1.96138
GBPNZDmicro	07-09-18	09:32-11:30			1.96694	07-09-18 09:48	11.0984096	Other	NA	Electronic	1.96694	1.96771
GBPNZDmicro	07-09-18	11:30-11:32	1.97504	1775.745536								
GBPNZDmicro	07-09-18	13:32-15:30			1.97628	07-09-18 13:42	965.561635	Other	NA	Electronic	1.97628	1.97704
GBPNZDmicro	07-09-18	15:32-17:30			1.97653	07-09-18 15:34	965.561635	Other	NA	Electronic	1.97576	1.97653
GBPNZDmicro	10-09-18	09:32-11:30			1.98029	10-09-18 09:37	22.1968192	Other	NA	Electronic	1.97955	1.98029
GBPNZDmicro	10-09-18	11:30-11:32	1.97814	1553.777344								
GBPNZDmicro	10-09-18	13:30-13:32	1.99247	11.0984096								
GBPNZDmicro	10-09-18	15:32-17:30			1.99177	10-09-18 15:35	110.984096	Other	NA	Electronic	1.99098	1.99177
GBPNZDmicro	11-09-18	09:32-11:30			1.99824	11-09-18 09:36	110.984096	Other	NA	Electronic	1.99824	1.999
GBPNZDmicro	11-09-18	11:32-13:30			1.99819	11-09-18 11:54	5549.204799	Other	NA	Electronic	1.99819	1.99896
GBPNZDmicro	11-09-18	13:30-13:32	1.99826	1109.84096								
GBPNZDmicro	11-09-18	15:32-17:30			1.99686	11-09-18 15:35	1109.84096	Other	NA	Electronic	1.99686	1.99763

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	12-09-18	09:32-11:30			1.99825	12-09-18 09:36	1109.84096	Other	NA	Electronic	1.99825	1.99901
GBPNZDmicro	12-09-18	11:32-13:30			1.99381	12-09-18 11:32	110.984096	Other	NA	Electronic	1.99381	1.99463
GBPNZDmicro	12-09-18	13:32-15:30			1.99344	12-09-18 13:52	22.1968192	Other	NA	Electronic	1.99344	1.99421
GBPNZDmicro	12-09-18	15:30-15:32	1.98785	133.1809152								
GBPNZDmicro	13-09-18	09:32-11:30			1.99278	13-09-18 09:32	110.984096	Other	NA	Electronic	1.99278	1.99355
GBPNZDmicro	13-09-18	11:32-13:30			1.99229	13-09-18 12:13	44.39363839	Other	NA	Electronic	1.99229	1.99309
GBPNZDmicro	13-09-18	13:32-15:30			1.99199	13-09-18 13:35	921.1679966	Other	NA	Electronic	1.99121	1.99199
GBPNZDmicro	13-09-18	15:30-15:32	1.99631	3329.522879								
GBPNZDmicro	14-09-18	09:32-11:30			1.99272	14-09-18 09:35	110.984096	Other	NA	Electronic	1.99272	1.9935
GBPNZDmicro	14-09-18	11:32-13:30			1.99464	14-09-18 11:35	22.1968192	Other	NA	Electronic	1.99464	1.9954
GBPNZDmicro	14-09-18	13:32-15:30			1.99453	14-09-18 13:38	44.39363839	Other	NA	Electronic	1.99453	1.9953
GBPNZDmicro	14-09-18	15:32-17:30			1.99487	14-09-18 16:01	44.39363839	Other	NA	Electronic	1.99487	1.99566
GBPNZDmicro	17-09-18	09:32-11:30			1.99392	17-09-18 09:35	110.984096	Other	NA	Electronic	1.99316	1.99392
GBPNZDmicro	17-09-18	11:32-13:30			1.99716	17-09-18 12:04	166.476144	Other	NA	Electronic	1.99716	1.99797
GBPNZDmicro	17-09-18	13:32-15:30			1.99657	17-09-18 14:33	110.984096	Other	NA	Electronic	1.99578	1.99657

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	17-09-18	15:32-17:30			1.99653	17-09-18 15:34	221.968192	Other	NA	Electronic	1.99653	1.9973
GBPNZDmicro	18-09-18	09:30-09:32	1.99049	1853.434403								
GBPNZDmicro	18-09-18	11:32-13:30			1.99378	18-09-18 11:41	77.68886719	Other	NA	Electronic	1.99378	1.99454
GBPNZDmicro	18-09-18	13:32-15:30			1.99738	18-09-18 13:35	3329.522879	Other	NA	Electronic	1.99662	1.99738
GBPNZDmicro	18-09-18	15:32-17:30			1.9958	18-09-18 15:45	2219.68192	Other	NA	Electronic	1.9958	1.9966
GBPNZDmicro	19-09-18	09:30-09:32	1.99396	166.476144								
GBPNZDmicro	19-09-18	11:30-11:32	1.98925	1109.84096								
GBPNZDmicro	19-09-18	13:32-15:30			1.98791	19-09-18 13:40	5549.204799	Other	NA	Electronic	1.98791	1.98869
GBPNZDmicro	19-09-18	15:30-15:32	1.98825	1220.825056								
GBPNZDmicro	20-09-18	09:30-09:32	1.98382	221.968192								
GBPNZDmicro	20-09-18	11:30-11:32	1.9889	11287.08256								
GBPNZDmicro	20-09-18	13:30-13:32	1.98749	11364.77143								
GBPNZDmicro	20-09-18	15:32-17:30			1.98392	20-09-18 15:34	1109.84096	Other	NA	Electronic	1.98317	1.98392
GBPNZDmicro	21-09-18	09:30-09:32	1.97115	44.39363839								
GBPNZDmicro	21-09-18	11:30-11:32	1.97494	2230.780329								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	21-09-18	13:30-13:32	1.96103	332.9522879								
GBPNZDmicro	21-09-18	15:30-15:32	1.95703	11.0984096								
GBPNZDmicro	24-09-18	09:32-11:30			1.9687	24-09-18 09:32	33.29522879	Other	NA	Electronic	1.96796	1.96863
GBPNZDmicro	24-09-18	11:32-13:30			1.97014	24-09-18 11:44	22.1968192	Other	NA	Electronic	1.96993	1.97069
GBPNZDmicro	24-09-18	13:32-15:30			1.97272	24-09-18 13:32	355.1491071	Other	NA	Electronic	1.97272	1.97352
GBPNZDmicro	24-09-18	15:32-17:30			1.97455	24-09-18 15:39	1109.84096	Other	NA	Electronic	1.97455	1.97536
GBPNZDmicro	25-09-18	09:32-11:30			1.98	25-09-18 09:46	110.984096	Other	NA	Electronic	1.97924	1.98
GBPNZDmicro	25-09-18	11:30-11:32	1.97926	554.9204799								
GBPNZDmicro	25-09-18	13:32-15:30			1.97581	25-09-18 13:35	144.2793248	Other	NA	Electronic	1.97504	1.97581
GBPNZDmicro	25-09-18	15:32-17:30			1.97825	25-09-18 15:43	11.0984096	Other	NA	Electronic	1.97825	1.97901
GBPNZDmicro	26-09-18	09:32-11:30			1.97834	26-09-18 09:48	3329.522879	Other	NA	Electronic	1.97758	1.97834
GBPNZDmicro	26-09-18	11:32-13:30			1.97633	26-09-18 11:37	11.0984096	Other	NA	Electronic	1.97633	1.97709
GBPNZDmicro	26-09-18	13:32-15:30			1.97958	26-09-18 13:36	55.49204799	Other	NA	Electronic	1.97958	1.98034
GBPNZDmicro	26-09-18	15:30-15:32	1.98056	1331.809152								
GBPNZDmicro	27-09-18	09:30-09:32	1.97568	55492.04799								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPNZDmicro	27-09-18	11:32-13:30			1.97654	27-09-18 11:32	11.0984096	Other	NA	Electronic	1.97654	1.97729
GBPNZDmicro	27-09-18	13:32-15:30			1.97865	27-09-18 13:38	110.984096	Other	NA	Electronic	1.97865	1.97941
GBPNZDmicro	27-09-18	15:32-17:30			1.97718	27-09-18 15:45	1109.84096	Other	NA	Electronic	1.97718	1.97799
GBPNZDmicro	28-09-18	09:32-11:30			1.97619	28-09-18 09:46	66.59045759	Other	NA	Electronic	1.97542	1.97619
GBPNZDmicro	28-09-18	11:32-13:30			1.97281	28-09-18 11:37	1021.053683	Other	NA	Electronic	1.97281	1.97363
GBPNZDmicro	28-09-18	13:32-15:30			1.96968	28-09-18 13:33	44.39363839	Other	NA	Electronic	1.96889	1.96968
GBPNZDmicro	28-09-18	15:32-17:30			1.96507	28-09-18 15:35	11.0984096	Other	NA	Electronic	1.96428	1.96507
GBPSEK	03-07-18	11:32-13:30			11.6875	03-07-18 13:06	1109.84096	Other	NA	Electronic	11.67972	11.6875
GBPSEK	03-07-18	13:32-15:30			11.65296	03-07-18 14:15	5549.204799	Other	NA	Electronic	11.65296	11.66061
GBPSEK	04-07-18	09:32-11:30			11.65462	04-07-18 09:45	11098.4096	Other	NA	Electronic	11.65462	11.66182
GBPSEK	04-07-18	13:32-15:30			11.6077	04-07-18 14:23	22196.8192	Other	NA	Electronic	11.6077	11.6157
GBPSEK	05-07-18	09:32-11:30			11.57498	05-07-18 10:37	110984.096	Other	NA	Electronic	11.57498	11.58246
GBPSEK	05-07-18	11:32-13:30			11.58869	05-07-18 11:37	1109.84096	Other	NA	Electronic	11.58103	11.58869
GBPSEK	05-07-18	13:32-15:30			11.57914	05-07-18 14:37	1109.84096	Other	NA	Electronic	11.57199	11.57914
GBPSEK	06-07-18	13:32-15:30			11.57546	06-07-18 14:27	13318.09152	Other	NA	Electronic	11.57546	11.58309

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	06-07-18	15:32-17:30			11.56241	06-07-18 16:55	1109.84096	Other	NA	Electronic	11.56241	11.57057
GBPSEK	09-07-18	13:32-15:30			11.65587	09-07-18 13:32	1109.84096	Other	NA	Electronic	11.64782	11.65587
GBPSEK	09-07-18	15:32-17:30			11.53125	09-07-18 15:58	1109.84096	Other	NA	Electronic	11.53185	11.53874
GBPSEK	10-07-18	09:32-11:30			11.59371	10-07-18 09:34	5549.204799	Other	NA	Electronic	11.59371	11.60141
GBPSEK	10-07-18	13:32-15:30			11.61628	10-07-18 14:12	5549.204799	Other	NA	Electronic	11.61628	11.62399
GBPSEK	11-07-18	11:32-13:30			11.63394	11-07-18 11:39	55492.04799	Other	NA	Electronic	11.62673	11.63388
GBPSEK	11-07-18	13:32-15:30			11.60487	11-07-18 14:36	4439.363839	Other	NA	Electronic	11.59731	11.60487
GBPSEK	11-07-18	15:32-17:30			11.63845	11-07-18 17:19	27746.02399	Other	NA	Electronic	11.63845	11.64633
GBPSEK	12-07-18	13:32-15:30			11.71768	12-07-18 13:40	11098.4096	Other	NA	Electronic	11.71768	11.72534
GBPSEK	12-07-18	15:32-17:30			11.70645	12-07-18 15:53	5549.204799	Other	NA	Electronic	11.70645	11.71361
GBPSEK	13-07-18	09:32-11:30			11.70814	13-07-18 10:36	2219.68192	Other	NA	Electronic	11.70814	11.71555
GBPSEK	13-07-18	11:32-13:30			11.71362	13-07-18 11:48	2219.68192	Other	NA	Electronic	11.71353	11.72067
GBPSEK	13-07-18	13:32-15:30			11.7522	13-07-18 13:43	2219.68192	Other	NA	Electronic	11.75225	11.7596
GBPSEK	13-07-18	15:32-17:30			11.75056	13-07-18 16:53	22196.8192	Other	NA	Electronic	11.75056	11.75852
GBPSEK	16-07-18	13:32-15:30			11.69742	16-07-18 13:56	1109.84096	Other	NA	Electronic	11.6898	11.69742

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	17-07-18	09:32-11:30			11.63114	17-07-18 11:11	11098.4096	Other	NA	Electronic	11.62341	11.63114
GBPSEK	17-07-18	11:32-13:30			11.6004	17-07-18 12:41	22196.8192	Other	NA	Electronic	11.59277	11.6004
GBPSEK	17-07-18	13:32-15:30			11.5993	17-07-18 13:54	5549.204799	Other	NA	Electronic	11.59183	11.5993
GBPSEK	17-07-18	15:32-17:30			11.61612	17-07-18 16:22	4439.363839	Other	NA	Electronic	11.60861	11.61636
GBPSEK	19-07-18	09:32-11:30			11.60564	19-07-18 11:16	11098.4096	Other	NA	Electronic	11.59788	11.60564
GBPSEK	20-07-18	09:32-11:30			11.58551	20-07-18 09:38	1109.84096	Other	NA	Electronic	11.57775	11.58551
GBPSEK	20-07-18	11:32-13:30			11.61428	20-07-18 11:52	1109.84096	Other	NA	Electronic	11.61428	11.62143
GBPSEK	23-07-18	13:32-15:30			11.5971	23-07-18 14:53	1109.84096	Other	NA	Electronic	11.5971	11.6047
GBPSEK	23-07-18	15:30-15:32	11.59229	11098.4096								
GBPSEK	25-07-18	09:32-11:30			11.57332	25-07-18 10:38	1109.84096	Other	NA	Electronic	11.5656	11.57332
GBPSEK	25-07-18	13:32-15:30			11.57941	25-07-18 15:23	8878.727678	Other	NA	Electronic	11.57941	11.5866
GBPSEK	26-07-18	11:32-13:30			11.56768	26-07-18 11:32	8878.727678	Other	NA	Electronic	11.56006	11.56768
GBPSEK	26-07-18	13:32-15:30			11.55082	26-07-18 13:52	6659.045759	Other	NA	Electronic	11.55082	11.55891
GBPSEK	26-07-18	15:32-17:30			11.56338	26-07-18 15:53	5549.204799	Other	NA	Electronic	11.55599	11.56338
GBPSEK	27-07-18	09:32-11:30			11.60261	27-07-18 10:36	5549.204799	Other	NA	Electronic	11.59499	11.60261



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	27-07-18	11:32-13:30			11.58461	27-07-18 13:26	5549.204799	Other	NA	Electronic	11.58465	11.59244
GBPSEK	27-07-18	13:32-15:30			11.59934	27-07-18 13:38	1109.84096	Other	NA	Electronic	11.59172	11.59945
GBPSEK	30-07-18	09:32-11:30			11.51416	30-07-18 10:02	1109.84096	Other	NA	Electronic	11.50654	11.51416
GBPSEK	30-07-18	13:32-15:30			11.51643	30-07-18 13:35	7768.886719	Other	NA	Electronic	11.50907	11.51643
GBPSEK	31-07-18	11:32-13:30			11.49826	31-07-18 12:00	11098.4096	Other	NA	Electronic	11.49823	11.50555
GBPSEK	31-07-18	13:32-15:30			11.52578	31-07-18 13:59	11098.4096	Other	NA	Electronic	11.51509	11.52578
GBPSEK	31-07-18	15:32-17:30			11.53454	31-07-18 16:41	27746.02399	Other	NA	Electronic	11.53454	11.54227
GBPSEK	01-08-18	09:32-11:30			11.56947	01-08-18 09:58	2219.68192	Other	NA	Electronic	11.56947	11.57714
GBPSEK	01-08-18	11:32-13:30			11.563	01-08-18 12:12	2219.68192	Other	NA	Electronic	11.56264	11.56984
GBPSEK	01-08-18	13:32-15:30			11.55282	01-08-18 13:50	1109.84096	Other	NA	Electronic	11.54537	11.55282
GBPSEK	02-08-18	09:32-11:30			11.58626	02-08-18 09:50	1109.84096	Other	NA	Electronic	11.58619	11.59335
GBPSEK	02-08-18	11:32-13:30			11.6107	02-08-18 11:35	3329.522879	Other	NA	Electronic	11.60268	11.6107
GBPSEK	02-08-18	15:32-17:30			11.5554	02-08-18 16:34	2219.68192	Other	NA	Electronic	11.5554	11.56305
GBPSEK	07-08-18	09:32-11:30			11.54625	07-08-18 11:29	2219.68192	Other	NA	Electronic	11.53867	11.54625
GBPSEK	09-08-18	11:32-13:30			11.55263	09-08-18 12:01	1109.84096	Other	NA	Electronic	11.55268	11.55943

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GBPSEK	09-08-18	13:32-15:30			11.54651	09-08-18 14:15	1109.84096	Other	NA	Electronic	11.54651	11.55325
GBPSEK	09-08-18	15:32-17:30			11.55044	09-08-18 16:28	1109.84096	Other	NA	Electronic	11.54321	11.55044
GBPSEK	10-08-18	11:32-13:30			11.63154	10-08-18 12:46	2219.68192	Other	NA	Electronic	11.62419	11.63154
GBPSEK	13-08-18	09:32-11:30			11.65566	13-08-18 10:44	221968.192	Other	NA	Electronic	11.65566	11.66294
GBPSEK	13-08-18	11:32-13:30			11.65629	13-08-18 11:55	5549.204799	Other	NA	Electronic	11.64729	11.65629
GBPSEK	14-08-18	09:32-11:30			11.62271	14-08-18 09:34	16647.6144	Other	NA	Electronic	11.62271	11.63012
GBPSEK	14-08-18	11:32-13:30			11.61541	14-08-18 12:01	1109.84096	Other	NA	Electronic	11.60827	11.61541
GBPSEK	14-08-18	13:32-15:30			11.61515	14-08-18 13:43	16647.6144	Other	NA	Electronic	11.61515	11.62265
GBPSEK	14-08-18	15:32-17:30			11.62145	14-08-18 16:38	55492.04799	Other	NA	Electronic	11.62145	11.62894
GBPSEK	15-08-18	09:30-09:32	11.68212	22196.8192								
GBPSEK	15-08-18	11:32-13:30			11.66477	15-08-18 11:49	22196.8192	Other	NA	Electronic	11.66477	11.67208
GBPSEK	15-08-18	13:32-15:30			11.69626	15-08-18 13:54	11098.4096	Other	NA	Electronic	11.69626	11.70361
GBPSEK	15-08-18	15:32-17:30			11.68595	15-08-18 17:24	27746.02399	Other	NA	Electronic	11.68595	11.69478
GBPSEK	16-08-18	09:32-11:30			11.69581	16-08-18 11:24	9988.568638	Other	NA	Electronic	11.6883	11.69581
GBPSEK	17-08-18	09:32-11:30			11.72332	17-08-18 11:18	27746.02399	Other	NA	Electronic	11.71593	11.72332

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	17-08-18	11:32-13:30			11.7159	17-08-18 13:02	22196.8192	Other	NA	Electronic	11.7086	11.7159
GBPSEK	17-08-18	13:32-15:30			11.68595	17-08-18 13:53	22196.8192	Other	NA	Electronic	11.68595	11.69585
GBPSEK	20-08-18	13:30-13:32	11.72174	2219.68192								
GBPSEK	22-08-18	09:32-11:30			11.69465	22-08-18 10:02	1109.84096	Other	NA	Electronic	11.68734	11.69465
GBPSEK	28-08-18	13:32-15:30			11.78232	28-08-18 14:02	2219.68192	Other	NA	Electronic	11.77509	11.78232
GBPSEK	29-08-18	13:32-15:30			11.82542	29-08-18 13:57	16647.6144	Other	NA	Electronic	11.82542	11.83245
GBPSEK	30-08-18	09:32-11:30			11.86645	30-08-18 10:30	2219.68192	Other	NA	Electronic	11.85862	11.86645
GBPSEK	30-08-18	11:32-13:30			11.86273	30-08-18 11:52	1109.84096	Other	NA	Electronic	11.85548	11.86273
GBPSEK	30-08-18	15:32-17:30			11.87562	30-08-18 16:04	2219.68192	Other	NA	Electronic	11.87562	11.88301
GBPSEK	31-08-18	15:32-17:30			11.86048	31-08-18 16:03	55492.04799	Other	NA	Electronic	11.86048	11.86798
GBPSEK	03-09-18	09:32-11:30			11.72755	03-09-18 09:51	16647.6144	Other	NA	Electronic	11.72755	11.73503
GBPSEK	03-09-18	11:32-13:30			11.73199	03-09-18 12:17	2219.68192	Other	NA	Electronic	11.72474	11.73199
GBPSEK	03-09-18	13:32-15:30			11.73175	03-09-18 14:02	3329.522879	Other	NA	Electronic	11.71865	11.73175
GBPSEK	05-09-18	13:32-15:30			11.74317	05-09-18 15:08	1109.84096	Other	NA	Electronic	11.74317	11.75045
GBPSEK	06-09-18	09:30-09:32	11.75428	1109.84096								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	06-09-18	11:32-13:30			11.76754	06-09-18 12:44	1109.84096	Other	NA	Electronic	11.76754	11.77494
GBPSEK	07-09-18	09:32-11:30			11.8207	07-09-18 11:00	1109.84096	Other	NA	Electronic	11.8207	11.82818
GBPSEK	10-09-18	09:32-11:30			11.68978	10-09-18 10:16	23306.66016	Other	NA	Electronic	11.68249	11.68978
GBPSEK	11-09-18	09:32-11:30			11.79808	11-09-18 10:58	13318.09152	Other	NA	Electronic	11.79037	11.79808
GBPSEK	13-09-18	09:32-11:30			11.72183	13-09-18 10:02	2219.68192	Other	NA	Electronic	11.72183	11.72876
GBPSEK	17-09-18	09:32-11:30			11.7545	17-09-18 10:41	1109.84096	Other	NA	Electronic	11.7545	11.76129
GBPSEK	18-09-18	11:32-13:30			11.7136	18-09-18 12:30	1109.84096	Other	NA	Electronic	11.70597	11.7136
GBPSEK	18-09-18	15:32-17:30			11.7127	18-09-18 17:03	1109.84096	Other	NA	Electronic	11.70437	11.7127
GBPSEK	20-09-18	13:32-15:30			11.64412	20-09-18 14:49	2219.68192	Other	NA	Electronic	11.64412	11.65138
GBPSEK	21-09-18	11:32-13:30			11.56623	21-09-18 12:03	2219.68192	Other	NA	Electronic	11.55729	11.5665
GBPSEK	21-09-18	13:32-15:30			11.49775	21-09-18 14:49	3329.522879	Other	NA	Electronic	11.49003	11.49775
GBPSEK	21-09-18	15:32-17:30			11.49669	21-09-18 15:56	13318.09152	Other	NA	Electronic	11.48945	11.49669
GBPSEK	24-09-18	09:32-11:30			11.48499	24-09-18 09:39	1109.84096	Other	NA	Electronic	11.48499	11.49235
GBPSEK	24-09-18	11:32-13:30			11.56236	24-09-18 11:48	1109.84096	Other	NA	Electronic	11.5551	11.56193
GBPSEK	24-09-18	15:32-17:30			11.53483	24-09-18 17:04	2219.68192	Other	NA	Electronic	11.52708	11.53483

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK	26-09-18	09:32-11:30			11.61936	26-09-18 10:10	1109.84096	Other	NA	Electronic	11.61194	11.61936
GBPSEK	26-09-18	11:32-13:30			11.63516	26-09-18 12:07	1109.84096	Other	NA	Electronic	11.63516	11.64294
GBPSEK.	03-07-18	15:32-17:30			11.62845	03-07-18 16:59	72139.66239	Other	NA	Electronic	11.62845	11.63241
GBPSEK.	05-07-18	09:32-11:30			11.57655	05-07-18 10:37	110984.096	Other	NA	Electronic	11.57655	11.58081
GBPSEK.	05-07-18	11:32-13:30			11.55614	05-07-18 13:26	55492.04799	Other	NA	Electronic	11.55219	11.55614
GBPSEK.	16-07-18	09:32-11:30			11.72238	16-07-18 10:08	1109.84096	Other	NA	Electronic	11.71826	11.72238
GBPSEK.	16-07-18	11:32-13:30			11.69139	16-07-18 12:30	1109.84096	Other	NA	Electronic	11.69139	11.71395
GBPSEK.	18-07-18	13:32-15:30			11.58113	18-07-18 14:24	2219.68192	Other	NA	Electronic	11.58113	11.58515
GBPSEK.	26-07-18	15:32-17:30			11.546	26-07-18 16:49	110984.096	Other	NA	Electronic	11.54159	11.546
GBPSEK.	01-08-18	13:32-15:30			11.54665	01-08-18 13:50	5549.204799	Other	NA	Electronic	11.54665	11.55075
GBPSEK.	31-08-18	09:32-11:30			11.85338	31-08-18 10:09	27746.02399	Other	NA	Electronic	11.84982	11.85338
GBPSEK.	31-08-18	11:32-13:30			11.84297	31-08-18 11:45	443936.3839	Other	NA	Electronic	11.83892	11.84303
GBPSEK.	31-08-18	13:30-13:32	11.82652	110984.096								
GBPSEK.	31-08-18	15:32-17:30			11.87954	31-08-18 15:36	27746.02399	Other	NA	Electronic	11.87954	11.88361
GBPSEK.	03-09-18	11:32-13:30			11.70934	03-09-18 12:31	55492.04799	Other	NA	Electronic	11.70934	11.71358

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEK.	05-09-18	13:32-15:30			11.74445	05-09-18 14:02	2219.68192	Other	NA	Electronic	11.74445	11.74804
GBPSEK.	05-09-18	15:32-17:30			11.70032	05-09-18 16:08	2219.68192	Other	NA	Electronic	11.69625	11.70032
GBPSEK.	11-09-18	11:32-13:30			11.76349	11-09-18 12:31	1109.84096	Other	NA	Electronic	11.76349	11.76758
GBPSEK.	17-09-18	09:32-11:30			11.75775	17-09-18 10:14	2219.68192	Other	NA	Electronic	11.75775	11.76555
GBPSEK.	26-09-18	13:32-15:30			11.62609	26-09-18 13:35	1109.84096	Other	NA	Electronic	11.62198	11.62609
GBPSEKmicro	02-07-18	09:32-11:30			11.80964	02-07-18 11:16	11.0984096	Other	NA	Electronic	11.80243	11.8096
GBPSEKmicro	02-07-18	11:32-13:30			11.79871	02-07-18 11:40	1109.84096	Other	NA	Electronic	11.79187	11.79871
GBPSEKmicro	02-07-18	13:32-15:30			11.80756	02-07-18 15:05	110.984096	Other	NA	Electronic	11.80048	11.80765
GBPSEKmicro	02-07-18	15:32-17:30			11.81287	02-07-18 16:49	55.49204799	Other	NA	Electronic	11.80521	11.81287
GBPSEKmicro	03-07-18	09:32-11:30			11.67657	03-07-18 10:37	11.0984096	Other	NA	Electronic	11.66933	11.67657
GBPSEKmicro	03-07-18	11:32-13:30			11.65915	03-07-18 12:05	110.984096	Other	NA	Electronic	11.65915	11.6667
GBPSEKmicro	03-07-18	13:32-15:30			11.62804	03-07-18 15:29	2219.68192	Other	NA	Electronic	11.62804	11.63629
GBPSEKmicro	03-07-18	15:32-17:30			11.64101	03-07-18 16:17	110.984096	Other	NA	Electronic	11.63336	11.64101
GBPSEKmicro	04-07-18	09:32-11:30			11.6556	04-07-18 09:45	11.0984096	Other	NA	Electronic	11.65552	11.66268
GBPSEKmicro	04-07-18	13:32-15:30			11.61758	04-07-18 15:06	11.0984096	Other	NA	Electronic	11.61042	11.61758

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	05-07-18	11:32-13:30			11.58784	05-07-18 12:10	122.0825056	Other	NA	Electronic	11.58784	11.59524
GBPSEKmicro	05-07-18	13:32-15:30			11.55379	05-07-18 13:44	110.984096	Other	NA	Electronic	11.54645	11.55379
GBPSEKmicro	06-07-18	09:32-11:30			11.63397	06-07-18 11:10	110.984096	Other	NA	Electronic	11.62633	11.63397
GBPSEKmicro	06-07-18	15:32-17:30			11.55471	06-07-18 17:26	55.49204799	Other	NA	Electronic	11.55471	11.56271
GBPSEKmicro	09-07-18	11:32-13:30			11.60728	09-07-18 11:46	2219.68192	Other	NA	Electronic	11.59945	11.60728
GBPSEKmicro	09-07-18	13:32-15:30			11.65587	09-07-18 13:32	554.9204799	Other	NA	Electronic	11.64782	11.65587
GBPSEKmicro	09-07-18	15:32-17:30			11.53664	09-07-18 15:52	33.29522879	Other	NA	Electronic	11.53675	11.54446
GBPSEKmicro	10-07-18	09:32-11:30			11.58615	10-07-18 09:53	554.9204799	Other	NA	Electronic	11.58615	11.59392
GBPSEKmicro	10-07-18	11:32-13:30			11.59148	10-07-18 12:01	110.984096	Other	NA	Electronic	11.59148	11.5986
GBPSEKmicro	10-07-18	13:32-15:30			11.63279	10-07-18 14:34	110.984096	Other	NA	Electronic	11.63279	11.64043
GBPSEKmicro	11-07-18	11:32-13:30			11.61497	11-07-18 12:01	110.984096	Other	NA	Electronic	11.61497	11.62269
GBPSEKmicro	12-07-18	09:32-11:30			11.70965	12-07-18 10:00	110.984096	Other	NA	Electronic	11.70971	11.71743
GBPSEKmicro	12-07-18	11:32-13:30			11.71628	12-07-18 12:49	110.984096	Other	NA	Electronic	11.71628	11.72365
GBPSEKmicro	12-07-18	13:32-15:30			11.74134	12-07-18 13:52	110.984096	Other	NA	Electronic	11.73417	11.74134
GBPSEKmicro	12-07-18	15:32-17:30			11.7071	12-07-18 16:01	11.0984096	Other	NA	Electronic	11.7071	11.71475

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	13-07-18	09:30-09:32	11.70273	1087.644141								
GBPSEKmicro	13-07-18	11:32-13:30			11.72372	13-07-18 12:54	11.0984096	Other	NA	Electronic	11.72372	11.73098
GBPSEKmicro	13-07-18	15:32-17:30			11.77249	13-07-18 15:37	1087.644141	Other	NA	Electronic	11.76483	11.77249
GBPSEKmicro	16-07-18	09:32-11:30			11.72803	16-07-18 11:08	155.3777344	Other	NA	Electronic	11.72083	11.72803
GBPSEKmicro	16-07-18	11:32-13:30			11.70023	16-07-18 11:50	155.3777344	Other	NA	Electronic	11.69998	11.70769
GBPSEKmicro	16-07-18	13:32-15:30			11.69808	16-07-18 13:59	554.9204799	Other	NA	Electronic	11.69042	11.69808
GBPSEKmicro	16-07-18	15:32-17:30			11.66456	16-07-18 16:26	110.984096	Other	NA	Electronic	11.66456	11.67206
GBPSEKmicro	17-07-18	09:32-11:30			11.6504	17-07-18 10:21	2219.68192	Other	NA	Electronic	11.64276	11.6504
GBPSEKmicro	17-07-18	11:32-13:30			11.61226	17-07-18 11:37	2219.68192	Other	NA	Electronic	11.60456	11.61226
GBPSEKmicro	18-07-18	09:32-11:30			11.56108	18-07-18 10:18	110.984096	Other	NA	Electronic	11.55367	11.56108
GBPSEKmicro	18-07-18	13:32-15:30			11.57859	18-07-18 14:19	110.984096	Other	NA	Electronic	11.57831	11.58595
GBPSEKmicro	18-07-18	15:32-17:30			11.56763	18-07-18 17:01	110.984096	Other	NA	Electronic	11.56763	11.57441
GBPSEKmicro	19-07-18	11:32-13:30			11.60221	19-07-18 12:25	110.984096	Other	NA	Electronic	11.59533	11.60221
GBPSEKmicro	19-07-18	13:32-15:30			11.61697	19-07-18 13:55	133.1809152	Other	NA	Electronic	11.60921	11.61697
GBPSEKmicro	20-07-18	11:32-13:30			11.61767	20-07-18 12:09	133.1809152	Other	NA	Electronic	11.61751	11.62528



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	23-07-18	11:32-13:30			11.613	23-07-18 12:52	55.49204799	Other	NA	Electronic	11.60566	11.613
GBPSEKmicro	24-07-18	11:32-13:30			11.58012	24-07-18 12:39	110.984096	Other	NA	Electronic	11.57271	11.58012
GBPSEKmicro	24-07-18	13:32-15:30			11.58768	24-07-18 15:10	1109.84096	Other	NA	Electronic	11.58768	11.59512
GBPSEKmicro	26-07-18	09:32-11:30			11.5588	26-07-18 11:28	110.984096	Other	NA	Electronic	11.5588	11.56583
GBPSEKmicro	26-07-18	15:32-17:30			11.54524	26-07-18 16:44	554.9204799	Other	NA	Electronic	11.53737	11.54524
GBPSEKmicro	27-07-18	09:32-11:30			11.60189	27-07-18 10:20	66.59045759	Other	NA	Electronic	11.60189	11.60955
GBPSEKmicro	27-07-18	11:32-13:30			11.59009	27-07-18 12:28	554.9204799	Other	NA	Electronic	11.59009	11.59725
GBPSEKmicro	30-07-18	09:32-11:30			11.49309	30-07-18 10:14	110.984096	Other	NA	Electronic	11.49309	11.50024
GBPSEKmicro	31-07-18	13:32-15:30			11.49513	31-07-18 14:52	166.476144	Other	NA	Electronic	11.48759	11.49513
GBPSEKmicro	01-08-18	09:32-11:30			11.56274	01-08-18 09:42	11.0984096	Other	NA	Electronic	11.56274	11.57022
GBPSEKmicro	01-08-18	11:32-13:30			11.56968	01-08-18 12:16	110.984096	Other	NA	Electronic	11.56254	11.56968
GBPSEKmicro	01-08-18	13:32-15:30			11.55015	01-08-18 15:20	11.0984096	Other	NA	Electronic	11.55015	11.5573
GBPSEKmicro	01-08-18	15:32-17:30			11.55482	01-08-18 16:18	110.984096	Other	NA	Electronic	11.54721	11.55461
GBPSEKmicro	02-08-18	13:32-15:30			11.58024	02-08-18 13:55	1120.939369	Other	NA	Electronic	11.57308	11.58024
GBPSEKmicro	02-08-18	15:32-17:30			11.56129	02-08-18 17:12	1109.84096	Other	NA	Electronic	11.55341	11.56129

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GBPSEKmicro	03-08-18	15:32-17:30			11.58505	03-08-18 15:47	221.968192	Other	NA	Electronic	11.58505	11.5924
GBPSEKmicro	08-08-18	09:32-11:30			11.50347	08-08-18 10:44	221.968192	Other	NA	Electronic	11.49633	11.50362
GBPSEKmicro	08-08-18	11:32-13:30			11.52552	08-08-18 13:25	110.984096	Other	NA	Electronic	11.51806	11.52552
GBPSEKmicro	09-08-18	11:32-13:30			11.56299	09-08-18 12:50	110.984096	Other	NA	Electronic	11.56299	11.57041
GBPSEKmicro	09-08-18	13:32-15:30			11.5507	09-08-18 13:53	332.9522879	Other	NA	Electronic	11.54335	11.5507
GBPSEKmicro	09-08-18	15:32-17:30			11.54339	09-08-18 16:29	665.9045759	Other	NA	Electronic	11.54339	11.55015
GBPSEKmicro	10-08-18	13:30-13:32	11.62747	1120.939369								
GBPSEKmicro	10-08-18	15:32-17:30			11.65041	10-08-18 17:12	122.0825056	Other	NA	Electronic	11.65041	11.65803
GBPSEKmicro	13-08-18	15:32-17:30			11.63794	13-08-18 17:18	221.968192	Other	NA	Electronic	11.63794	11.64557
GBPSEKmicro	14-08-18	13:32-15:30			11.61727	14-08-18 15:00	221.968192	Other	NA	Electronic	11.60982	11.61727
GBPSEKmicro	14-08-18	15:32-17:30			11.61997	14-08-18 16:17	110.984096	Other	NA	Electronic	11.61997	11.62674
GBPSEKmicro	15-08-18	15:32-17:30			11.71903	15-08-18 16:25	221.968192	Other	NA	Electronic	11.71222	11.71903
GBPSEKmicro	16-08-18	15:32-17:30			11.69664	16-08-18 17:03	11.0984096	Other	NA	Electronic	11.69664	11.7049
GBPSEKmicro	17-08-18	09:32-11:30			11.72021	17-08-18 11:13	166.476144	Other	NA	Electronic	11.71282	11.72021
GBPSEKmicro	17-08-18	11:32-13:30			11.71283	17-08-18 11:42	1109.84096	Other	NA	Electronic	11.70544	11.71283

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GBPSEKmicro	20-08-18	09:32-11:30			11.70809	20-08-18 10:58	122.0825056	Other	NA	Electronic	11.70809	11.71541
GBPSEKmicro	20-08-18	11:32-13:30			11.72413	20-08-18 11:47	110.984096	Other	NA	Electronic	11.72413	11.7314
GBPSEKmicro	21-08-18	09:32-11:30			11.70831	21-08-18 10:20	110.984096	Other	NA	Electronic	11.70105	11.70831
GBPSEKmicro	21-08-18	11:32-13:30			11.72683	21-08-18 11:44	233.0666016	Other	NA	Electronic	11.72007	11.72683
GBPSEKmicro	21-08-18	13:32-15:30			11.72778	21-08-18 13:56	233.0666016	Other	NA	Electronic	11.72778	11.73512
GBPSEKmicro	21-08-18	15:32-17:30			11.71927	21-08-18 16:59	110.984096	Other	NA	Electronic	11.71927	11.72652
GBPSEKmicro	22-08-18	09:32-11:30			11.70508	22-08-18 09:47	55.49204799	Other	NA	Electronic	11.69784	11.70508
GBPSEKmicro	22-08-18	11:30-11:32	11.69422	110.984096								
GBPSEKmicro	22-08-18	13:32-15:30			11.71527	22-08-18 13:43	332.9522879	Other	NA	Electronic	11.71527	11.72287
GBPSEKmicro	22-08-18	15:32-17:30			11.71268	22-08-18 16:41	55.49204799	Other	NA	Electronic	11.71268	11.71993
GBPSEKmicro	24-08-18	09:32-11:30			11.6932	24-08-18 09:53	110.984096	Other	NA	Electronic	11.6932	11.70108
GBPSEKmicro	24-08-18	11:32-13:30			11.72923	24-08-18 11:49	110.984096	Other	NA	Electronic	11.7224	11.72923
GBPSEKmicro	29-08-18	09:30-09:32	11.83254	110.984096								
GBPSEKmicro	29-08-18	11:32-13:30			11.80754	29-08-18 13:23	110.984096	Other	NA	Electronic	11.8003	11.80754
GBPSEKmicro	29-08-18	13:32-15:30			11.83853	29-08-18 13:57	110.984096	Other	NA	Electronic	11.84246	11.85033

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	30-08-18	09:32-11:30			11.85747	30-08-18 10:33	110.984096	Other	NA	Electronic	11.85747	11.86491
GBPSEKmicro	30-08-18	11:32-13:30			11.85653	30-08-18 12:58	1109.84096	Other	NA	Electronic	11.85653	11.86329
GBPSEKmicro	31-08-18	09:32-11:30			11.87339	31-08-18 10:52	110.984096	Other	NA	Electronic	11.86613	11.87339
GBPSEKmicro	31-08-18	11:32-13:30			11.84209	31-08-18 12:29	110.984096	Other	NA	Electronic	11.83463	11.84211
GBPSEKmicro	31-08-18	13:32-15:30			11.82709	31-08-18 13:46	554.9204799	Other	NA	Electronic	11.81984	11.82709
GBPSEKmicro	31-08-18	15:32-17:30			11.88063	31-08-18 15:37	22196.8192	Other	NA	Electronic	11.88063	11.8879
GBPSEKmicro	03-09-18	09:32-11:30			11.73696	03-09-18 10:25	22.1968192	Other	NA	Electronic	11.72952	11.73696
GBPSEKmicro	03-09-18	11:32-13:30			11.71707	03-09-18 11:32	11.0984096	Other	NA	Electronic	11.71707	11.72457
GBPSEKmicro	04-09-18	11:32-13:30			11.72661	04-09-18 12:02	55.49204799	Other	NA	Electronic	11.72661	11.73434
GBPSEKmicro	04-09-18	13:32-15:30			11.70352	04-09-18 14:49	55.49204799	Other	NA	Electronic	11.69579	11.70341
GBPSEKmicro	04-09-18	15:32-17:30			11.68422	04-09-18 16:14	55.49204799	Other	NA	Electronic	11.68422	11.69182
GBPSEKmicro	05-09-18	09:32-11:30			11.65707	05-09-18 09:56	144.2793248	Other	NA	Electronic	11.65705	11.66385
GBPSEKmicro	05-09-18	11:32-13:30			11.67182	05-09-18 12:31	110.984096	Other	NA	Electronic	11.66395	11.67182
GBPSEKmicro	05-09-18	13:32-15:30			11.74735	05-09-18 13:46	332.9522879	Other	NA	Electronic	11.74735	11.75467
GBPSEKmicro	05-09-18	15:32-17:30			11.7111	05-09-18 16:27	1886.729632	Other	NA	Electronic	11.70349	11.7111

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	06-09-18	09:32-11:30			11.76057	06-09-18 10:03	2219.68192	Other	NA	Electronic	11.76057	11.76792
GBPSEKmicro	06-09-18	13:32-15:30			11.77409	06-09-18 13:50	110.984096	Other	NA	Electronic	11.77409	11.78137
GBPSEKmicro	07-09-18	09:32-11:30			11.81975	07-09-18 10:45	55.49204799	Other	NA	Electronic	11.79981	11.81975
GBPSEKmicro	07-09-18	13:32-15:30			11.72934	07-09-18 15:00	55.49204799	Other	NA	Electronic	11.72934	11.73685
GBPSEKmicro	10-09-18	11:32-13:30			11.76891	10-09-18 13:04	2441.650112	Other	NA	Electronic	11.76891	11.77588
GBPSEKmicro	10-09-18	15:32-17:30			11.77626	10-09-18 16:00	55.49204799	Other	NA	Electronic	11.76531	11.77626
GBPSEKmicro	12-09-18	09:32-11:30			11.77374	12-09-18 09:42	2552.634208	Other	NA	Electronic	11.76658	11.77374
GBPSEKmicro	12-09-18	11:30-11:32	11.74897	22.1968192								
GBPSEKmicro	12-09-18	13:32-15:30			11.70637	12-09-18 14:18	110.984096	Other	NA	Electronic	11.70637	11.72135
GBPSEKmicro	13-09-18	13:32-15:30			11.75109	13-09-18 15:26	33.29522879	Other	NA	Electronic	11.74382	11.75109
GBPSEKmicro	13-09-18	15:32-17:30			11.75683	13-09-18 15:43	33.29522879	Other	NA	Electronic	11.74935	11.75683
GBPSEKmicro	14-09-18	09:32-11:30			11.79709	14-09-18 09:41	33.29522879	Other	NA	Electronic	11.79709	11.80424
GBPSEKmicro	14-09-18	11:32-13:30			11.79101	14-09-18 11:59	33.29522879	Other	NA	Electronic	11.79101	11.7989
GBPSEKmicro	14-09-18	13:30-13:32	11.8463	33.29522879								
GBPSEKmicro	17-09-18	11:30-11:32	11.75031	11.0984096								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	17-09-18	13:32-15:30			11.74808	17-09-18 14:10	11.0984096	Other	NA	Electronic	11.73965	11.74808
GBPSEKmicro	17-09-18	15:30-15:32	11.71802	11.0984096								
GBPSEKmicro	18-09-18	09:32-11:30			11.6955	18-09-18 10:30	11.0984096	Other	NA	Electronic	11.68806	11.6955
GBPSEKmicro	19-09-18	09:32-11:30			11.69779	19-09-18 10:21	110.984096	Other	NA	Electronic	11.69779	11.70519
GBPSEKmicro	19-09-18	13:32-15:30			11.66399	19-09-18 13:59	44.39363839	Other	NA	Electronic	11.66401	11.67186
GBPSEKmicro	19-09-18	15:32-17:30			11.67967	19-09-18 16:30	11.0984096	Other	NA	Electronic	11.67967	11.68778
GBPSEKmicro	20-09-18	11:32-13:30			11.67133	20-09-18 11:46	11.0984096	Other	NA	Electronic	11.66298	11.67133
GBPSEKmicro	20-09-18	13:32-15:30			11.65938	20-09-18 14:37	110.984096	Other	NA	Electronic	11.65203	11.65938
GBPSEKmicro	20-09-18	15:32-17:30			11.64862	20-09-18 15:45	55.49204799	Other	NA	Electronic	11.64168	11.64862
GBPSEKmicro	21-09-18	09:32-11:30			11.58953	21-09-18 09:32	1231.923465	Other	NA	Electronic	11.58241	11.58953
GBPSEKmicro	21-09-18	15:32-17:30			11.5037	21-09-18 16:28	1231.923465	Other	NA	Electronic	11.49631	11.5037
GBPSEKmicro	25-09-18	09:32-11:30			11.55809	25-09-18 09:48	1109.84096	Other	NA	Electronic	11.55809	11.56486
GBPSEKmicro	26-09-18	09:32-11:30			11.61164	26-09-18 10:28	110.984096	Other	NA	Electronic	11.60409	11.61164
GBPSEKmicro	26-09-18	11:32-13:30			11.60921	26-09-18 11:40	110.984096	Other	NA	Electronic	11.60921	11.61599
GBPSEKmicro	27-09-18	15:32-17:30			11.55384	27-09-18 17:02	110.984096	Other	NA	Electronic	11.55384	11.56215

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSEKmicro	28-09-18	09:32-11:30			11.59968	28-09-18 10:36	5549.204799	Other	NA	Electronic	11.59226	11.59968
GBPSEKmicro	28-09-18	11:32-13:30			11.61752	28-09-18 12:23	110.984096	Other	NA	Electronic	11.60994	11.6174
GBPSEKmicro	28-09-18	13:32-15:30			11.59092	28-09-18 14:29	110.984096	Other	NA	Electronic	11.58361	11.59092
GBPSGD	03-07-18	11:32-13:30			1.80291	03-07-18 13:00	1109.84096	Other	NA	Electronic	1.80088	1.80291
GBPSGD	04-07-18	09:32-11:30			1.80335	04-07-18 10:06	1109.84096	Other	NA	Electronic	1.80335	1.80544
GBPSGD	04-07-18	11:32-13:30			1.80419	04-07-18 13:19	1109.84096	Other	NA	Electronic	1.80201	1.80419
GBPSGD	04-07-18	13:32-15:30			1.80512	04-07-18 14:23	2219.68192	Other	NA	Electronic	1.80304	1.80512
GBPSGD	04-07-18	15:32-17:30			1.80651	04-07-18 17:02	1109.84096	Other	NA	Electronic	1.80432	1.80651
GBPSGD	05-07-18	09:32-11:30			1.80946	05-07-18 09:50	1109.84096	Other	NA	Electronic	1.80741	1.80946
GBPSGD	05-07-18	13:32-15:30			1.80014	05-07-18 13:44	11098.4096	Other	NA	Electronic	1.80014	1.80468
GBPSGD	06-07-18	09:32-11:30			1.79979	06-07-18 09:39	1109.84096	Other	NA	Electronic	1.79979	1.8018
GBPSGD	09-07-18	11:32-13:30			1.805	09-07-18 11:37	1109.84096	Other	NA	Electronic	1.805	1.80708
GBPSGD	09-07-18	13:32-15:30			1.80462	09-07-18 13:43	12208.25056	Other	NA	Electronic	1.80237	1.80462
GBPSGD	12-07-18	09:32-11:30			1.79973	12-07-18 10:36	5549.204799	Other	NA	Electronic	1.79973	1.80184
GBPSGD	12-07-18	11:32-13:30			1.80039	12-07-18 11:42	5549.204799	Other	NA	Electronic	1.79825	1.80039

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGD	16-07-18	09:32-11:30			1.80813	16-07-18 11:00	2219.68192	Other	NA	Electronic	1.80637	1.80813
GBPSGD	20-07-18	13:32-15:30			1.78883	20-07-18 15:24	11098.4096	Other	NA	Electronic	1.78697	1.78883
GBPSGD	23-07-18	11:32-13:30			1.79333	23-07-18 13:00	1109.84096	Other	NA	Electronic	1.79157	1.79333
GBPSGD	23-07-18	13:32-15:30			1.79107	23-07-18 13:57	1109.84096	Other	NA	Electronic	1.79107	1.79293
GBPSGD	24-07-18	13:32-15:30			1.79107	24-07-18 13:59	1109.84096	Other	NA	Electronic	1.79107	1.79283
GBPSGD	25-07-18	09:32-11:30			1.79257	25-07-18 11:05	1109.84096	Other	NA	Electronic	1.79257	1.79443
GBPSGD	25-07-18	13:32-15:30			1.79433	25-07-18 13:38	6659.045759	Other	NA	Electronic	1.79257	1.79433
GBPSGD	25-07-18	15:30-15:32	1.79183	1109.84096								
GBPSGD	26-07-18	15:32-17:30			1.78767	26-07-18 17:14	2219.68192	Other	NA	Electronic	1.78767	1.78953
GBPSGD	27-07-18	09:32-11:30			1.78613	27-07-18 10:40	1109.84096	Other	NA	Electronic	1.78437	1.78613
GBPSGD	27-07-18	13:32-15:30			1.78663	27-07-18 13:56	55492.04799	Other	NA	Electronic	1.78487	1.78663
GBPSGD	30-07-18	11:32-13:30			1.78647	30-07-18 12:43	1109.84096	Other	NA	Electronic	1.78647	1.78823
GBPSGD	31-07-18	09:32-11:30			1.79393	31-07-18 11:15	2219.68192	Other	NA	Electronic	1.79207	1.79393
GBPSGD	01-08-18	09:32-11:30			1.78507	01-08-18 10:21	2219.68192	Other	NA	Electronic	1.78507	1.78683
GBPSGD	03-08-18	13:32-15:30			1.77497	03-08-18 14:19	1109.84096	Other	NA	Electronic	1.77497	1.77683



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGD	06-08-18	09:32-11:30			1.76897	06-08-18 10:36	22196.8192	Other	NA	Electronic	1.76897	1.77083
GBPSGD	07-08-18	13:32-15:30			1.76537	07-08-18 13:32	1109.84096	Other	NA	Electronic	1.76537	1.76713
GBPSGD	13-08-18	13:32-15:30			1.75903	13-08-18 14:20	11098.4096	Other	NA	Electronic	1.75727	1.75903
GBPSGD	13-08-18	15:32-17:30			1.75713	13-08-18 16:08	5549.204799	Other	NA	Electronic	1.75537	1.75713
GBPSGD	15-08-18	13:32-15:30			1.75273	15-08-18 14:20	1109.84096	Other	NA	Electronic	1.75097	1.75283
GBPSGD	16-08-18	09:32-11:30			1.74797	16-08-18 09:42	3329.522879	Other	NA	Electronic	1.74797	1.74983
GBPSGD	16-08-18	13:32-15:30			1.74727	16-08-18 14:50	1109.84096	Other	NA	Electronic	1.74727	1.74913
GBPSGD	20-08-18	11:32-13:30			1.75283	20-08-18 11:44	3329.522879	Other	NA	Electronic	1.75097	1.75283
GBPSGD	21-08-18	15:32-17:30			1.75857	21-08-18 15:37	5549.204799	Other	NA	Electronic	1.75857	1.76043
GBPSGD	22-08-18	13:32-15:30			1.76703	22-08-18 14:16	1109.84096	Other	NA	Electronic	1.76517	1.76703
GBPSGD	29-08-18	13:32-15:30			1.75907	29-08-18 13:36	5549.204799	Other	NA	Electronic	1.75907	1.76083
GBPSGD	12-09-18	15:32-17:30			1.78847	12-09-18 15:45	1109.84096	Other	NA	Electronic	1.78847	1.79033
GBPSGD	14-09-18	11:32-13:30			1.79623	14-09-18 12:52	2219.68192	Other	NA	Electronic	1.79437	1.79627
GBPSGD	14-09-18	13:32-15:30			1.79627	14-09-18 13:38	1109.84096	Other	NA	Electronic	1.79627	1.79803
GBPSGD	18-09-18	11:32-13:30			1.80027	18-09-18 11:54	11098.4096	Other	NA	Electronic	1.80027	1.80213

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGD	26-09-18	11:32-13:30			1.79879	26-09-18 12:01	5549.204799	Other	NA	Electronic	1.79697	1.79879
GBPSGD	26-09-18	13:32-15:30			1.79997	26-09-18 14:48	11098.4096	Other	NA	Electronic	1.79997	1.80173
GBPSGD	28-09-18	09:32-11:30			1.78512	28-09-18 09:45	1109.84096	Other	NA	Electronic	1.78517	1.78693
GBPSGD.	06-07-18	09:32-11:30			1.80117	06-07-18 09:52	1109.84096	Other	NA	Electronic	1.79985	1.80117
GBPSGD.	06-07-18	13:30-13:32	1.80298	1109.84096								
GBPSGD.	16-07-18	09:30-09:32	1.80535	11098.4096								
GBPSGD.	29-08-18	13:32-15:30			1.76755	29-08-18 13:58	16647.6144	Other	NA	Electronic	1.76645	1.76755
GBPSGD.	11-09-18	11:32-13:30			1.78585	11-09-18 12:03	2219.68192	Other	NA	Electronic	1.78585	1.78715
GBPSGDmicro	02-07-18	09:32-11:30			1.80012	02-07-18 11:20	11.0984096	Other	NA	Electronic	1.79808	1.80012
GBPSGDmicro	02-07-18	11:32-13:30			1.79461	02-07-18 12:20	221.968192	Other	NA	Electronic	1.79461	1.79663
GBPSGDmicro	02-07-18	13:32-15:30			1.79878	02-07-18 14:49	221.968192	Other	NA	Electronic	1.79675	1.79878
GBPSGDmicro	02-07-18	15:32-17:30			1.80129	02-07-18 16:08	55.49204799	Other	NA	Electronic	1.79923	1.80129
GBPSGDmicro	03-07-18	09:32-11:30			1.80108	03-07-18 10:38	11.0984096	Other	NA	Electronic	1.80108	1.8032
GBPSGDmicro	03-07-18	15:32-17:30			1.79742	03-07-18 16:48	110.984096	Other	NA	Electronic	1.79742	1.79947
GBPSGDmicro	04-07-18	09:32-11:30			1.80579	04-07-18 10:16	33.29522879	Other	NA	Electronic	1.80368	1.80579

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	04-07-18	13:32-15:30			1.80276	04-07-18 15:05	11.0984096	Other	NA	Electronic	1.80276	1.80483
GBPSGDmicro	04-07-18	15:32-17:30			1.80448	04-07-18 17:03	110.984096	Other	NA	Electronic	1.80448	1.80668
GBPSGDmicro	05-07-18	09:32-11:30			1.80916	05-07-18 09:47	110.984096	Other	NA	Electronic	1.80916	1.8112
GBPSGDmicro	05-07-18	13:32-15:30			1.80477	05-07-18 14:34	110.984096	Other	NA	Electronic	1.80276	1.80477
GBPSGDmicro	06-07-18	09:32-11:30			1.79983	06-07-18 09:40	221.968192	Other	NA	Electronic	1.79983	1.80185
GBPSGDmicro	06-07-18	11:32-13:30			1.79865	06-07-18 12:08	344.0506975	Other	NA	Electronic	1.79865	1.80068
GBPSGDmicro	09-07-18	09:32-11:30			1.80358	09-07-18 10:19	11.0984096	Other	NA	Electronic	1.80358	1.80582
GBPSGDmicro	09-07-18	13:32-15:30			1.79864	09-07-18 14:08	33.29522879	Other	NA	Electronic	1.79652	1.79864
GBPSGDmicro	09-07-18	15:32-17:30			1.79362	09-07-18 15:59	44.39363839	Other	NA	Electronic	1.79043	1.79362
GBPSGDmicro	12-07-18	15:32-17:30			1.80119	12-07-18 16:11	110.984096	Other	NA	Electronic	1.80119	1.80324
GBPSGDmicro	13-07-18	09:32-11:30			1.79664	13-07-18 09:56	221.968192	Other	NA	Electronic	1.79463	1.79664
GBPSGDmicro	13-07-18	13:32-15:30			1.8009	13-07-18 14:19	3329.522879	Other	NA	Electronic	1.8009	1.803
GBPSGDmicro	16-07-18	09:32-11:30			1.80807	16-07-18 11:09	554.9204799	Other	NA	Electronic	1.80807	1.80993
GBPSGDmicro	16-07-18	11:32-13:30			1.80607	16-07-18 11:48	110.984096	Other	NA	Electronic	1.80607	1.80783
GBPSGDmicro	16-07-18	13:32-15:30			1.80247	16-07-18 14:49	665.9045759	Other	NA	Electronic	1.80247	1.80423

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	17-07-18	09:32-11:30			1.80023	17-07-18 11:14	665.9045759	Other	NA	Electronic	1.79837	1.80023
GBPSGDmicro	17-07-18	11:32-13:30			1.79583	17-07-18 12:32	665.9045759	Other	NA	Electronic	1.79397	1.79583
GBPSGDmicro	17-07-18	15:32-17:30			1.79247	17-07-18 16:18	22.1968192	Other	NA	Electronic	1.79247	1.79423
GBPSGDmicro	18-07-18	11:32-13:30			1.78107	18-07-18 12:24	221.968192	Other	NA	Electronic	1.78107	1.78293
GBPSGDmicro	18-07-18	13:32-15:30			1.78413	18-07-18 15:19	144.2793248	Other	NA	Electronic	1.78227	1.78413
GBPSGDmicro	20-07-18	11:32-13:30			1.78843	20-07-18 13:25	55.49204799	Other	NA	Electronic	1.78667	1.78843
GBPSGDmicro	24-07-18	11:32-13:30			1.78887	24-07-18 12:54	110.984096	Other	NA	Electronic	1.78887	1.79073
GBPSGDmicro	24-07-18	13:32-15:30			1.79297	24-07-18 13:55	44.39363839	Other	NA	Electronic	1.79297	1.79483
GBPSGDmicro	25-07-18	09:32-11:30			1.78997	25-07-18 09:52	221.968192	Other	NA	Electronic	1.78997	1.79183
GBPSGDmicro	26-07-18	13:30-13:32	1.79193	443.9363839								
GBPSGDmicro	26-07-18	15:32-17:30			1.78923	26-07-18 16:50	554.9204799	Other	NA	Electronic	1.78747	1.78923
GBPSGDmicro	27-07-18	11:32-13:30			1.78487	27-07-18 11:57	554.9204799	Other	NA	Electronic	1.78487	1.78663
GBPSGDmicro	27-07-18	13:32-15:30			1.78557	27-07-18 13:41	721.3966239	Other	NA	Electronic	1.78557	1.78743
GBPSGDmicro	30-07-18	13:32-15:30			1.78867	30-07-18 14:28	110.984096	Other	NA	Electronic	1.78867	1.79052
GBPSGDmicro	30-07-18	15:32-17:30			1.78667	30-07-18 16:07	421.7395647	Other	NA	Electronic	1.78667	1.78853

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	31-07-18	09:30-09:32	1.79117	44.39363839								
GBPSGDmicro	31-07-18	13:32-15:30			1.78707	31-07-18 13:54	1675.859849	Other	NA	Electronic	1.78707	1.78893
GBPSGDmicro	31-07-18	15:32-17:30			1.78683	31-07-18 15:55	1675.859849	Other	NA	Electronic	1.78497	1.78683
GBPSGDmicro	01-08-18	09:32-11:30			1.78507	01-08-18 10:19	11.0984096	Other	NA	Electronic	1.78507	1.78693
GBPSGDmicro	01-08-18	11:32-13:30			1.78637	01-08-18 12:16	33.29522879	Other	NA	Electronic	1.78637	1.78813
GBPSGDmicro	01-08-18	13:32-15:30			1.78587	01-08-18 15:20	11.0984096	Other	NA	Electronic	1.78587	1.78763
GBPSGDmicro	01-08-18	15:32-17:30			1.78773	01-08-18 16:18	110.984096	Other	NA	Electronic	1.78597	1.78773
GBPSGDmicro	02-08-18	09:32-11:30			1.78947	02-08-18 11:00	110.984096	Other	NA	Electronic	1.78927	1.79303
GBPSGDmicro	02-08-18	11:32-13:30			1.78793	02-08-18 11:45	110.984096	Other	NA	Electronic	1.78607	1.78793
GBPSGDmicro	02-08-18	13:32-15:30			1.78503	02-08-18 13:55	1120.939369	Other	NA	Electronic	1.78317	1.78503
GBPSGDmicro	03-08-18	13:32-15:30			1.77657	03-08-18 15:07	1109.84096	Other	NA	Electronic	1.77657	1.77833
GBPSGDmicro	06-08-18	09:32-11:30			1.77173	06-08-18 09:54	221.968192	Other	NA	Electronic	1.76997	1.77173
GBPSGDmicro	07-08-18	11:32-13:30			1.76667	07-08-18 11:51	44.39363839	Other	NA	Electronic	1.76667	1.76853
GBPSGDmicro	07-08-18	13:32-15:30			1.76763	07-08-18 14:59	221.968192	Other	NA	Electronic	1.76587	1.76763
GBPSGDmicro	08-08-18	09:32-11:30			1.75993	08-08-18 09:32	554.9204799	Other	NA	Electronic	1.75817	1.75993

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	09-08-18	09:32-11:30			1.75577	09-08-18 09:43	22.1968192	Other	NA	Electronic	1.75577	1.75753
GBPSGDmicro	09-08-18	13:32-15:30			1.75683	09-08-18 13:38	554.9204799	Other	NA	Electronic	1.75497	1.75683
GBPSGDmicro	09-08-18	15:32-17:30			1.75589	09-08-18 17:21	110.984096	Other	NA	Electronic	1.75407	1.75589
GBPSGDmicro	10-08-18	09:32-11:30			1.75183	10-08-18 10:50	22.1968192	Other	NA	Electronic	1.75007	1.75183
GBPSGDmicro	10-08-18	11:32-13:30			1.74737	10-08-18 13:25	1120.939369	Other	NA	Electronic	1.74737	1.74923
GBPSGDmicro	10-08-18	13:30-13:32	1.74517	1120.939369								
GBPSGDmicro	13-08-18	13:32-15:30			1.75687	13-08-18 14:14	33.29522879	Other	NA	Electronic	1.75687	1.75873
GBPSGDmicro	13-08-18	15:32-17:30			1.75723	13-08-18 16:03	55.49204799	Other	NA	Electronic	1.75537	1.75723
GBPSGDmicro	14-08-18	15:32-17:30			1.75283	14-08-18 16:04	33.29522879	Other	NA	Electronic	1.75107	1.75283
GBPSGDmicro	15-08-18	09:32-11:30			1.75567	15-08-18 10:16	33.29522879	Other	NA	Electronic	1.75567	1.75743
GBPSGDmicro	15-08-18	11:32-13:30			1.75257	15-08-18 11:54	221.968192	Other	NA	Electronic	1.75257	1.75433
GBPSGDmicro	15-08-18	13:32-15:30			1.74877	15-08-18 13:44	443.9363839	Other	NA	Electronic	1.74877	1.75063
GBPSGDmicro	16-08-18	13:32-15:30			1.75063	16-08-18 15:11	110.984096	Other	NA	Electronic	1.74877	1.75063
GBPSGDmicro	20-08-18	09:32-11:30			1.75037	20-08-18 11:05	33.29522879	Other	NA	Electronic	1.75037	1.75213
GBPSGDmicro	20-08-18	11:32-13:30			1.75037	20-08-18 11:46	110.984096	Other	NA	Electronic	1.75037	1.75213

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	20-08-18	13:32-15:30			1.75233	20-08-18 14:01	55.49204799	Other	NA	Electronic	1.75057	1.75233
GBPSGDmicro	21-08-18	11:32-13:30			1.75773	21-08-18 13:11	122.0825056	Other	NA	Electronic	1.75597	1.75773
GBPSGDmicro	21-08-18	13:32-15:30			1.75887	21-08-18 15:03	122.0825056	Other	NA	Electronic	1.75887	1.76073
GBPSGDmicro	23-08-18	09:32-11:30			1.76825	23-08-18 10:49	33.29522879	Other	NA	Electronic	1.76617	1.76825
GBPSGDmicro	23-08-18	13:32-15:30			1.76183	23-08-18 14:11	33.29522879	Other	NA	Electronic	1.75978	1.76183
GBPSGDmicro	23-08-18	15:32-17:30			1.75877	23-08-18 16:30	11.0984096	Other	NA	Electronic	1.75877	1.76093
GBPSGDmicro	24-08-18	13:32-15:30			1.75813	24-08-18 14:00	33.29522879	Other	NA	Electronic	1.75601	1.75813
GBPSGDmicro	28-08-18	13:32-15:30			1.75357	28-08-18 14:49	1109.84096	Other	NA	Electronic	1.75357	1.75543
GBPSGDmicro	29-08-18	13:32-15:30			1.76993	29-08-18 13:59	11.0984096	Other	NA	Electronic	1.76777	1.76993
GBPSGDmicro	29-08-18	15:32-17:30			1.77693	29-08-18 15:42	554.9204799	Other	NA	Electronic	1.77507	1.77693
GBPSGDmicro	30-08-18	09:32-11:30			1.77567	30-08-18 10:08	554.9204799	Other	NA	Electronic	1.77567	1.77753
GBPSGDmicro	30-08-18	13:32-15:30			1.77747	30-08-18 15:09	110.984096	Other	NA	Electronic	1.77747	1.77933
GBPSGDmicro	31-08-18	11:32-13:30			1.78073	31-08-18 12:29	110.984096	Other	NA	Electronic	1.77887	1.78073
GBPSGDmicro	03-09-18	11:32-13:30			1.76417	03-09-18 12:29	55.49204799	Other	NA	Electronic	1.76417	1.76593
GBPSGDmicro	04-09-18	09:32-11:30			1.76533	04-09-18 10:29	11.0984096	Other	NA	Electronic	1.76357	1.76533

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	04-09-18	11:32-13:30			1.76733	04-09-18 11:52	55.49204799	Other	NA	Electronic	1.76557	1.76733
GBPSGDmicro	04-09-18	15:32-17:30			1.76797	04-09-18 17:12	55.49204799	Other	NA	Electronic	1.76797	1.76983
GBPSGDmicro	05-09-18	09:32-11:30			1.76713	05-09-18 09:57	11.0984096	Other	NA	Electronic	1.76527	1.76703
GBPSGDmicro	05-09-18	11:32-13:30			1.77863	05-09-18 13:05	55.49204799	Other	NA	Electronic	1.77607	1.77863
GBPSGDmicro	06-09-18	11:32-13:30			1.78123	06-09-18 12:35	166.476144	Other	NA	Electronic	1.77937	1.78123
GBPSGDmicro	06-09-18	13:32-15:30			1.77847	06-09-18 13:40	110.984096	Other	NA	Electronic	1.77847	1.78023
GBPSGDmicro	06-09-18	15:32-17:30			1.77797	06-09-18 17:05	166.476144	Other	NA	Electronic	1.77797	1.77983
GBPSGDmicro	07-09-18	09:32-11:30			1.77647	07-09-18 09:47	155.3777344	Other	NA	Electronic	1.77647	1.77833
GBPSGDmicro	10-09-18	09:32-11:30			1.78623	10-09-18 09:52	1109.84096	Other	NA	Electronic	1.78447	1.78623
GBPSGDmicro	10-09-18	11:32-13:30			1.78783	10-09-18 12:14	1109.84096	Other	NA	Electronic	1.78597	1.78783
GBPSGDmicro	12-09-18	13:32-15:30			1.78907	12-09-18 13:37	122.0825056	Other	NA	Electronic	1.78907	1.79083
GBPSGDmicro	13-09-18	11:32-13:30			1.79573	13-09-18 13:27	77.68886719	Other	NA	Electronic	1.79357	1.79573
GBPSGDmicro	14-09-18	11:32-13:30			1.79343	14-09-18 11:59	11.0984096	Other	NA	Electronic	1.79157	1.79343
GBPSGDmicro	17-09-18	11:32-13:30			1.80157	17-09-18 12:14	11.0984096	Other	NA	Electronic	1.80157	1.80343
GBPSGDmicro	17-09-18	13:32-15:30			1.80303	17-09-18 15:15	332.9522879	Other	NA	Electronic	1.80117	1.80303



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPSGDmicro	20-09-18	11:32-13:30			1.81357	20-09-18 12:28	443.9363839	Other	NA	Electronic	1.81357	1.81543
GBPSGDmicro	20-09-18	13:32-15:30			1.81463	20-09-18 14:03	155.3777344	Other	NA	Electronic	1.81282	1.81463
GBPSGDmicro	21-09-18	09:32-11:30			1.79787	21-09-18 09:35	110.984096	Other	NA	Electronic	1.79797	1.79973
GBPSGDmicro	21-09-18	11:32-13:30			1.80063	21-09-18 11:44	110.984096	Other	NA	Electronic	1.79887	1.80063
GBPSGDmicro	21-09-18	15:32-17:30			1.78397	21-09-18 16:38	665.9045759	Other	NA	Electronic	1.78397	1.78583
GBPSGDmicro	24-09-18	09:32-11:30			1.79227	24-09-18 11:15	11.0984096	Other	NA	Electronic	1.79227	1.79413
GBPSGDmicro	24-09-18	15:32-17:30			1.79293	24-09-18 15:36	332.9522879	Other	NA	Electronic	1.79117	1.79293
GBPSGDmicro	25-09-18	09:32-11:30			1.79607	25-09-18 09:40	11.0984096	Other	NA	Electronic	1.79607	1.79783
GBPSGDmicro	28-09-18	11:32-13:30			1.78237	28-09-18 12:56	22.1968192	Other	NA	Electronic	1.78237	1.78413
GBPUSD	02-07-18	09:30-09:32	1.31617	97666.00446								
GBPUSD	02-07-18	11:30-11:32	1.31524	513856.3644								
GBPUSD	02-07-18	13:30-13:32	1.31024	287448.8086								
GBPUSD	02-07-18	15:30-15:32	1.31245	723616.3058								
GBPUSD	03-07-18	09:30-09:32	1.31851	312975.1507								
GBPUSD	03-07-18	11:30-11:32	1.31903	81018.39006								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GBPUSD	03-07-18	13:30-13:32	1.31697	2422782.815								
GBPUSD	03-07-18	15:30-15:32	1.3184	168695.8259								
GBPUSD	04-07-18	09:30-09:32	1.32088	63260.93471								
GBPUSD	04-07-18	11:30-11:32	1.32036	65480.61663								
GBPUSD	04-07-18	13:30-13:32	1.32072	15537.77344								
GBPUSD	04-07-18	15:30-15:32	1.32163	36624.75167								
GBPUSD	05-07-18	09:30-09:32	1.32284	227517.3968								
GBPUSD	05-07-18	11:30-11:32	1.3257	86567.59486								
GBPUSD	05-07-18	13:30-13:32	1.32128	2342874.266								
GBPUSD	05-07-18	15:30-15:32	1.32185	46613.32031								
GBPUSD	06-07-18	09:30-09:32	1.32376	14427.93248								
GBPUSD	06-07-18	11:30-11:32	1.32307	4439.363839								
GBPUSD	06-07-18	13:30-13:32	1.32725	492769.3861								
GBPUSD	06-07-18	15:30-15:32	1.32772	14427.93248								
GBPUSD	09-07-18	09:30-09:32	1.33328	186453.2812								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	09-07-18	11:30-11:32	1.33428	348490.0614								
GBPUSD	09-07-18	13:30-13:32	1.33473	132071.0742								
GBPUSD	09-07-18	15:30-15:32	1.32455	216418.9872								
GBPUSD	10-07-18	09:30-09:32	1.32497	61041.25279								
GBPUSD	10-07-18	11:30-11:32	1.32382	257483.1027								
GBPUSD	10-07-18	13:30-13:32	1.32763	41064.11551								
GBPUSD	10-07-18	15:30-15:32	1.32744	18867.29632								
GBPUSD	11-07-18	09:30-09:32	1.32463	152048.2115								
GBPUSD	11-07-18	11:30-11:32	1.32502	523844.933								
GBPUSD	11-07-18	13:30-13:32	1.32654	160926.9392								
GBPUSD	11-07-18	15:30-15:32	1.32359	218638.6691								
GBPUSD	12-07-18	09:30-09:32	1.32149	125412.0285								
GBPUSD	12-07-18	11:30-11:32	1.31925	153158.0525								
GBPUSD	12-07-18	13:30-13:32	1.32229	31075.54687								
GBPUSD	12-07-18	15:30-15:32	1.32244	130961.2333								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	13-07-18	09:30-09:32	1.31253	528284.2969								
GBPUSD	13-07-18	11:30-11:32	1.31204	357368.7891								
GBPUSD	13-07-18	13:30-13:32	1.31678	230846.9196								
GBPUSD	13-07-18	15:30-15:32	1.32165	327403.0831								
GBPUSD	16-07-18	09:30-09:32	1.32636	108764.4141								
GBPUSD	16-07-18	11:30-11:32	1.32855	34405.06975								
GBPUSD	16-07-18	13:30-13:32	1.32616	322963.7193								
GBPUSD	16-07-18	15:30-15:32	1.32285	772449.308								
GBPUSD	17-07-18	09:30-09:32	1.32524	216418.9872								
GBPUSD	17-07-18	11:30-11:32	1.3207	1884509.95								
GBPUSD	17-07-18	13:30-13:32	1.31659	266361.8303								
GBPUSD	17-07-18	15:30-15:32	1.31759	126521.8694								
GBPUSD	18-07-18	09:30-09:32	1.3044	52162.52511								
GBPUSD	18-07-18	11:30-11:32	1.30289	140949.8019								
GBPUSD	18-07-18	13:30-13:32	1.30416	113203.7779								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	18-07-18	15:30-15:32	1.30529	65480.61663								
GBPUSD	19-07-18	09:30-09:32	1.30033	602643.6412								
GBPUSD	19-07-18	11:30-11:32	1.29902	164256.462								
GBPUSD	19-07-18	13:30-13:32	1.29831	416190.3599								
GBPUSD	19-07-18	15:30-15:32	1.29862	338501.4927								
GBPUSD	20-07-18	09:30-09:32	1.30198	210869.7824								
GBPUSD	20-07-18	11:30-11:32	1.30422	3329.522879								
GBPUSD	20-07-18	13:30-13:32	1.31027	332952.2879								
GBPUSD	20-07-18	15:30-15:32	1.3105	551590.957								
GBPUSD	23-07-18	09:30-09:32	1.31163	334062.1289								
GBPUSD	23-07-18	11:30-11:32	1.31423	66590.45759								
GBPUSD	23-07-18	13:30-13:32	1.31264	17757.45536								
GBPUSD	23-07-18	15:30-15:32	1.31026	156487.5753								
GBPUSD	24-07-18	09:30-09:32	1.31096	261922.4665								
GBPUSD	24-07-18	11:30-11:32	1.31302	177574.5536								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	24-07-18	13:30-13:32	1.31238	48833.00223								
GBPUSD	24-07-18	15:30-15:32	1.31403	402872.2684								
GBPUSD	25-07-18	09:30-09:32	1.31602	82128.23102								
GBPUSD	25-07-18	11:30-11:32	1.316	32185.38783								
GBPUSD	25-07-18	13:30-13:32	1.31708	9988.568638								
GBPUSD	25-07-18	15:30-15:32	1.31426	34405.06975								
GBPUSD	26-07-18	09:30-09:32	1.31891	88787.27678								
GBPUSD	26-07-18	11:30-11:32	1.31802	34405.06975								
GBPUSD	26-07-18	13:30-13:32	1.31401	5539216.23								
GBPUSD	26-07-18	15:30-15:32	1.31481	36624.75167								
GBPUSD	27-07-18	09:30-09:32	1.30956	24416.50112								
GBPUSD	27-07-18	11:30-11:32	1.31031	409531.3142								
GBPUSD	27-07-18	13:30-13:32	1.31132	69919.98047								
GBPUSD	27-07-18	15:30-15:32	1.31182	3329.522879								
GBPUSD	30-07-18	09:30-09:32	1.31203	109874.255								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	30-07-18	11:30-11:32	1.31203	3329.522879								
GBPUSD	30-07-18	13:30-13:32	1.31239	24416.50112								
GBPUSD	30-07-18	15:30-15:32	1.31445	229737.0787								
GBPUSD	31-07-18	09:30-09:32	1.31595	49942.84319								
GBPUSD	31-07-18	11:30-11:32	1.31633	29965.70591								
GBPUSD	31-07-18	13:30-13:32	1.31289	155377.7344								
GBPUSD	31-07-18	15:30-15:32	1.31125	185343.4403								
GBPUSD	01-08-18	09:30-09:32	1.31142	1109.84096								
GBPUSD	01-08-18	11:30-11:32	1.31345	253043.7388								
GBPUSD	01-08-18	13:30-13:32	1.3132	26636.18303								
GBPUSD	01-08-18	15:30-15:32	1.31206	6659.045759								
GBPUSD	02-08-18	09:30-09:32	1.30728	147608.8477								
GBPUSD	02-08-18	11:30-11:32	1.30941	143169.4838								
GBPUSD	02-08-18	13:30-13:32	1.30573	74359.34431								
GBPUSD	02-08-18	15:30-15:32	1.30315	66590.45759								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	03-08-18	09:30-09:32	1.30043	67700.29855								
GBPUSD	03-08-18	11:30-11:32	1.30367	318524.3555								
GBPUSD	03-08-18	13:30-13:32	1.29978	224187.8739								
GBPUSD	03-08-18	15:32-17:30			1.30209	03-08-18 15:32	3329.522879	Other	NA	Electronic	1.30211	1.30228
GBPUSD	06-08-18	09:30-09:32	1.29652	234176.4425								
GBPUSD	06-08-18	11:30-11:32	1.29293	201991.0547								
GBPUSD	06-08-18	13:30-13:32	1.29327	207540.2595								
GBPUSD	06-08-18	15:30-15:32	1.29488	75469.18527								
GBPUSD	07-08-18	09:30-09:32	1.29665	12208.25056								
GBPUSD	07-08-18	11:30-11:32	1.29574	189782.8041								
GBPUSD	07-08-18	13:30-13:32	1.29499	28855.86495								
GBPUSD	07-08-18	15:30-15:32	1.29526	5549.204799								
GBPUSD	08-08-18	09:30-09:32	1.2903	56601.88895								
GBPUSD	08-08-18	11:30-11:32	1.28692	88787.27678								
GBPUSD	08-08-18	13:30-13:32	1.28712	578227.1401								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	08-08-18	15:30-15:32	1.28876	18867.29632								
GBPUSD	09-08-18	09:30-09:32	1.28779	402872.2684								
GBPUSD	09-08-18	11:30-11:32	1.28893	28855.86495								
GBPUSD	09-08-18	13:30-13:32	1.28883	134290.7561								
GBPUSD	09-08-18	15:30-15:32	1.28745	23306.66016								
GBPUSD	10-08-18	09:30-09:32	1.278	374016.4034								
GBPUSD	10-08-18	11:30-11:32	1.27649	25526.34208								
GBPUSD	10-08-18	13:30-13:32	1.27307	807964.2187								
GBPUSD	10-08-18	15:30-15:32	1.27819	86567.59486								
GBPUSD	13-08-18	09:30-09:32	1.27454	1109.84096								
GBPUSD	13-08-18	11:30-11:32	1.27461	6659.045759								
GBPUSD	13-08-18	13:30-13:32	1.27763	128741.5513								
GBPUSD	13-08-18	15:30-15:32	1.27651	42173.95647								
GBPUSD	14-08-18	09:30-09:32	1.27796	319634.1964								
GBPUSD	14-08-18	11:30-11:32	1.27695	27746.02399								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	14-08-18	13:30-13:32	1.27759	16647.6144								
GBPUSD	14-08-18	15:30-15:32	1.27403	276350.399								
GBPUSD	15-08-18	09:30-09:32	1.27177	33295.22879								
GBPUSD	15-08-18	11:30-11:32	1.26972	81018.39006								
GBPUSD	15-08-18	13:30-13:32	1.26769	348490.0614								
GBPUSD	15-08-18	15:30-15:32	1.26913	560469.6847								
GBPUSD	16-08-18	09:30-09:32	1.27039	124302.1875								
GBPUSD	16-08-18	11:30-11:32	1.27102	17757.45536								
GBPUSD	16-08-18	13:30-13:32	1.27091	1109.84096								
GBPUSD	16-08-18	15:32-17:30			1.27266	16-08-18 15:32	3329.522879	Other	NA	Electronic	1.27246	1.27266
GBPUSD	17-08-18	09:30-09:32	1.27132	17757.45536								
GBPUSD	17-08-18	11:30-11:32	1.27194	27746.02399								
GBPUSD	17-08-18	13:30-13:32	1.27259	38844.43359								
GBPUSD	17-08-18	15:30-15:32	1.27337	23306.66016								
GBPUSD	20-08-18	09:30-09:32	1.27369	263032.3075								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	20-08-18	11:30-11:32	1.27607	24416.50112								
GBPUSD	20-08-18	13:30-13:32	1.27716	238615.8064								
GBPUSD	20-08-18	15:32-17:30			1.27605	20-08-18 15:33	1109.84096	Other	NA	Electronic	1.27605	1.27627
GBPUSD	21-08-18	09:30-09:32	1.28224	69919.98047								
GBPUSD	21-08-18	11:30-11:32	1.28422	102105.3683								
GBPUSD	21-08-18	13:30-13:32	1.28491	197551.6908								
GBPUSD	21-08-18	15:30-15:32	1.28613	29965.70591								
GBPUSD	22-08-18	09:30-09:32	1.28897	149828.5296								
GBPUSD	22-08-18	11:30-11:32	1.29054	119862.8237								
GBPUSD	22-08-18	13:30-13:32	1.29213	137620.279								
GBPUSD	22-08-18	15:30-15:32	1.29071	2219.68192								
GBPUSD	23-08-18	09:30-09:32	1.28589	28855.86495								
GBPUSD	23-08-18	11:30-11:32	1.28939	9988.568638								
GBPUSD	23-08-18	13:30-13:32	1.28592	285229.1267								
GBPUSD	23-08-18	15:30-15:32	1.28351	880103.8811								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	24-08-18	09:30-09:32	1.28118	1165333.008								
GBPUSD	24-08-18	11:30-11:32	1.28534	31075.54687								
GBPUSD	24-08-18	13:30-13:32	1.28562	66590.45759								
GBPUSD	24-08-18	15:30-15:32	1.2852	447265.9068								
GBPUSD	27-08-18	09:30-09:32	1.28396	3329.522879								
GBPUSD	27-08-18	11:30-11:32	1.28564	61041.25279								
GBPUSD	27-08-18	13:30-13:32	1.2884	573787.7762								
GBPUSD	27-08-18	15:32-17:30			1.28844	27-08-18 15:35	33295.22879	Other	NA	Electronic	1.28844	1.28866
GBPUSD	28-08-18	09:30-09:32	1.29068	7768.886719								
GBPUSD	28-08-18	11:30-11:32	1.28954	12208.25056								
GBPUSD	28-08-18	13:30-13:32	1.29222	893421.9726								
GBPUSD	28-08-18	15:30-15:32	1.28829	146499.0067								
GBPUSD	29-08-18	09:30-09:32	1.28793	33295.22879								
GBPUSD	29-08-18	11:30-11:32	1.28878	6659.045759								
GBPUSD	29-08-18	13:30-13:32	1.28832	2219.68192								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	29-08-18	15:30-15:32	1.30021	23306.66016								
GBPUSD	30-08-18	09:30-09:32	1.30075	12208.25056								
GBPUSD	30-08-18	11:30-11:32	1.30139	114313.6189								
GBPUSD	30-08-18	13:30-13:32	1.29962	1397289.768								
GBPUSD	30-08-18	15:30-15:32	1.29946	68810.13951								
GBPUSD	31-08-18	09:30-09:32	1.30096	13318.09152								
GBPUSD	31-08-18	11:30-11:32	1.29905	321853.8783								
GBPUSD	31-08-18	13:30-13:32	1.29634	190892.6451								
GBPUSD	31-08-18	15:30-15:32	1.298	72139.66239								
GBPUSD	03-09-18	09:30-09:32	1.28792	241945.3292								
GBPUSD	03-09-18	11:30-11:32	1.28699	83238.07198								
GBPUSD	03-09-18	13:30-13:32	1.28721	143169.4838								
GBPUSD	03-09-18	15:30-15:32	1.28841	89897.11774								
GBPUSD	04-09-18	09:30-09:32	1.28197	149828.5296								
GBPUSD	04-09-18	11:30-11:32	1.28222	124302.1875								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	04-09-18	13:30-13:32	1.28408	13318.09152								
GBPUSD	04-09-18	15:30-15:32	1.28172	1125378.733								
GBPUSD	05-09-18	09:30-09:32	1.28154	1672530.326								
GBPUSD	05-09-18	11:30-11:32	1.2815	38844.43359								
GBPUSD	05-09-18	13:30-13:32	1.29708	197551.6908								
GBPUSD	05-09-18	15:30-15:32	1.28856	318524.3555								
GBPUSD	06-09-18	09:30-09:32	1.29289	45503.47935								
GBPUSD	06-09-18	11:30-11:32	1.2935	17757.45536								
GBPUSD	06-09-18	13:30-13:32	1.29362	571568.0943								
GBPUSD	06-09-18	15:30-15:32	1.29375	462803.6802								
GBPUSD	07-09-18	09:30-09:32	1.29342	6659.045759								
GBPUSD	07-09-18	11:30-11:32	1.29947	41064.11551								
GBPUSD	07-09-18	13:30-13:32	1.29599	239725.6473								
GBPUSD	07-09-18	15:30-15:32	1.29513	26636.18303								
GBPUSD	10-09-18	09:30-09:32	1.29508	810183.9006								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	10-09-18	11:30-11:32	1.29247	35514.91071								
GBPUSD	10-09-18	13:30-13:32	1.30339	69919.98047								
GBPUSD	10-09-18	15:30-15:32	1.30248	25526.34208								
GBPUSD	11-09-18	09:30-09:32	1.30375	91006.9587								
GBPUSD	11-09-18	11:30-11:32	1.3022	473902.0898								
GBPUSD	11-09-18	13:30-13:32	1.29935	45503.47935								
GBPUSD	11-09-18	15:30-15:32	1.29951	31075.54687								
GBPUSD	12-09-18	09:30-09:32	1.30296	956682.9073								
GBPUSD	12-09-18	11:30-11:32	1.29896	491659.5452								
GBPUSD	12-09-18	13:30-13:32	1.30062	36624.75167								
GBPUSD	12-09-18	15:30-15:32	1.30357	845698.8114								
GBPUSD	13-09-18	09:30-09:32	1.30529	7768.886719								
GBPUSD	13-09-18	11:30-11:32	1.30458	21086.97824								
GBPUSD	13-09-18	13:30-13:32	1.31103	537163.0245								
GBPUSD	13-09-18	15:30-15:32	1.31025	67700.29855								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	14-09-18	09:30-09:32	1.31281	5549.204799								
GBPUSD	14-09-18	11:32-13:30			1.31253	14-09-18 11:35	22196.8192	Other	NA	Electronic	1.31233	1.31253
GBPUSD	14-09-18	13:30-13:32	1.31017	76579.02623								
GBPUSD	14-09-18	15:30-15:32	1.30819	3329.522879								
GBPUSD	17-09-18	09:30-09:32	1.3095	42173.95647								
GBPUSD	17-09-18	11:30-11:32	1.31095	7768.886719								
GBPUSD	17-09-18	13:30-13:32	1.31458	27746.02399								
GBPUSD	17-09-18	15:30-15:32	1.31375	17757.45536								
GBPUSD	18-09-18	09:30-09:32	1.31243	895641.6546								
GBPUSD	18-09-18	11:30-11:32	1.31321	69919.98047								
GBPUSD	18-09-18	13:30-13:32	1.31598	24416.50112								
GBPUSD	18-09-18	15:30-15:32	1.31445	72139.66239								
GBPUSD	19-09-18	09:30-09:32	1.31807	1673640.167								
GBPUSD	19-09-18	11:30-11:32	1.31326	139839.9609								
GBPUSD	19-09-18	13:30-13:32	1.31372	7768.886719								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	19-09-18	15:30-15:32	1.315	38844.43359								
GBPUSD	20-09-18	09:30-09:32	1.3212	32185.38783								
GBPUSD	20-09-18	11:30-11:32	1.32582	2792359.855								
GBPUSD	20-09-18	13:30-13:32	1.32716	44393.63839								
GBPUSD	20-09-18	15:30-15:32	1.32371	158707.2573								
GBPUSD	21-09-18	09:30-09:32	1.31995	77688.86719								
GBPUSD	21-09-18	11:30-11:32	1.31958	14427.93248								
GBPUSD	21-09-18	13:30-13:32	1.3077	516076.0463								
GBPUSD	21-09-18	15:30-15:32	1.30773	1789063.627								
GBPUSD	24-09-18	09:30-09:32	1.31204	115423.4598								
GBPUSD	24-09-18	11:30-11:32	1.31383	11098.4096								
GBPUSD	24-09-18	13:30-13:32	1.31648	234176.4425								
GBPUSD	24-09-18	15:30-15:32	1.31328	3329.522879								
GBPUSD	25-09-18	09:30-09:32	1.31464	1109.84096								
GBPUSD	25-09-18	11:30-11:32	1.31579	3329.522879								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD	25-09-18	13:30-13:32	1.31473	64370.77567								
GBPUSD	25-09-18	15:30-15:32	1.31555	52162.52511								
GBPUSD	26-09-18	09:30-09:32	1.3166	12208.25056								
GBPUSD	26-09-18	11:30-11:32	1.31476	15537.77344								
GBPUSD	26-09-18	13:30-13:32	1.31549	144279.3248								
GBPUSD	26-09-18	15:30-15:32	1.3178	4439.363839								
GBPUSD	27-09-18	09:30-09:32	1.31185	192002.486								
GBPUSD	27-09-18	11:30-11:32	1.31303	77688.86719								
GBPUSD	27-09-18	13:30-13:32	1.3121	1109.84096								
GBPUSD	27-09-18	15:30-15:32	1.31053	144279.3248								
GBPUSD	28-09-18	09:30-09:32	1.30562	150938.3705								
GBPUSD	28-09-18	11:30-11:32	1.30481	112093.9369								
GBPUSD	28-09-18	13:30-13:32	1.30224	359588.471								
GBPUSD	28-09-18	15:30-15:32	1.30428	47723.16127								
GBPUSD.	02-07-18	09:30-09:32	1.31623	22196.8192								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD.	02-07-18	11:30-11:32	1.31521	129851.3923								
GBPUSD.	02-07-18	13:30-13:32	1.31019	13318.09152								
GBPUSD.	02-07-18	15:30-15:32	1.31247	15537.77344								
GBPUSD.	03-07-18	09:30-09:32	1.31858	235286.2835								
GBPUSD.	03-07-18	11:30-11:32	1.31907	19977.13728								
GBPUSD.	03-07-18	13:30-13:32	1.31696	1109.84096								
GBPUSD.	03-07-18	15:30-15:32	1.3185	38844.43359								
GBPUSD.	04-07-18	09:30-09:32	1.32083	1109.84096								
GBPUSD.	04-07-18	11:30-11:32	1.32035	5549.204799								
GBPUSD.	04-07-18	13:32-15:30			1.32073	04-07-18 13:32	55492.04799	Other	NA	Electronic	1.32073	1.32082
GBPUSD.	04-07-18	15:32-17:30			1.32171	04-07-18 15:37	5549.204799	Other	NA	Electronic	1.32171	1.32176
GBPUSD.	05-07-18	09:30-09:32	1.32263	32185.38783								
GBPUSD.	05-07-18	11:30-11:32	1.32567	1109.84096								
GBPUSD.	05-07-18	13:30-13:32	1.3214	661465.212								
GBPUSD.	05-07-18	15:32-17:30			1.32196	05-07-18 15:33	5549.204799	Other	NA	Electronic	1.32196	1.32198

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GBPUSD.	06-07-18	09:30-09:32	1.32375	52162.52511								
GBPUSD.	06-07-18	11:30-11:32	1.32304	33295.22879								
GBPUSD.	06-07-18	13:30-13:32	1.3272	165366.303								
GBPUSD.	06-07-18	15:32-17:30			1.32755	06-07-18 15:33	11098.4096	Other	NA	Electronic	1.3275	1.32755
GBPUSD.	09-07-18	09:30-09:32	1.33346	69919.98047								
GBPUSD.	09-07-18	11:30-11:32	1.33438	103215.2093								
GBPUSD.	09-07-18	13:30-13:32	1.33465	11098.4096								
GBPUSD.	09-07-18	15:30-15:32	1.32467	75469.18527								
GBPUSD.	10-07-18	09:32-11:30			1.32459	10-07-18 09:34	11098.4096	Other	NA	Electronic	1.32456	1.32459
GBPUSD.	10-07-18	11:32-13:30			1.32358	10-07-18 11:33	5549.204799	Other	NA	Electronic	1.32353	1.32358
GBPUSD.	10-07-18	13:30-13:32	1.32767	55492.04799								
GBPUSD.	10-07-18	15:32-17:30			1.32732	10-07-18 15:32	5549.204799	Other	NA	Electronic	1.3273	1.32732
GBPUSD.	11-07-18	09:30-09:32	1.32464	43283.79743								
GBPUSD.	11-07-18	11:30-11:32	1.32526	5549.204799								
GBPUSD.	11-07-18	13:30-13:32	1.32654	11098.4096								

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GBPUSD.	11-07-18	15:30-15:32	1.32365	7768.886719								
GBPUSD.	12-07-18	09:30-09:32	1.32152	13318.09152								
GBPUSD.	12-07-18	11:30-11:32	1.31929	44393.63839								
GBPUSD.	12-07-18	13:30-13:32	1.32225	108764.4141								
GBPUSD.	12-07-18	15:32-17:30			1.32264	12-07-18 15:37	199771.3728	Other	NA	Electronic	1.3226	1.32264
GBPUSD.	13-07-18	09:30-09:32	1.31246	29965.70591								
GBPUSD.	13-07-18	11:30-11:32	1.31221	221968.192								
GBPUSD.	13-07-18	13:30-13:32	1.31671	55492.04799								
GBPUSD.	13-07-18	15:30-15:32	1.3217	127631.7104								
GBPUSD.	16-07-18	09:30-09:32	1.32643	38844.43359								
GBPUSD.	16-07-18	11:32-13:30			1.32858	16-07-18 11:33	23306.66016	Other	NA	Electronic	1.32854	1.32858
GBPUSD.	16-07-18	13:30-13:32	1.32614	29965.70591								
GBPUSD.	16-07-18	15:30-15:32	1.32285	4439.363839								
GBPUSD.	17-07-18	09:32-11:30			1.32509	17-07-18 09:32	2219.68192	Other	NA	Electronic	1.32509	1.32515
GBPUSD.	17-07-18	11:30-11:32	1.32083	128741.5513								

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GBPUSD.	17-07-18	13:30-13:32	1.3166	39954.27455								
GBPUSD.	17-07-18	15:30-15:32	1.31766	8878.727678								
GBPUSD.	18-07-18	09:32-11:30			1.30445	18-07-18 09:32	33295.22879	Other	NA	Electronic	1.30445	1.3045
GBPUSD.	18-07-18	11:32-13:30			1.303	18-07-18 11:34	55492.04799	Other	NA	Electronic	1.30298	1.303
GBPUSD.	18-07-18	13:32-15:30			1.30402	18-07-18 13:32	2219.68192	Other	NA	Electronic	1.30401	1.30405
GBPUSD.	18-07-18	15:30-15:32	1.30526	223078.0329								
GBPUSD.	19-07-18	09:30-09:32	1.30021	152048.2115								
GBPUSD.	19-07-18	11:30-11:32	1.29887	92116.79966								
GBPUSD.	19-07-18	13:30-13:32	1.29798	241945.3292								
GBPUSD.	19-07-18	15:30-15:32	1.29883	159817.0982								
GBPUSD.	20-07-18	09:30-09:32	1.30212	4439.363839								
GBPUSD.	20-07-18	11:30-11:32	1.30436	16647.6144								
GBPUSD.	20-07-18	13:30-13:32	1.31026	183123.7584								
GBPUSD.	20-07-18	15:30-15:32	1.31058	16647.6144								
GBPUSD.	23-07-18	09:30-09:32	1.31173	4439.363839								

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GBPUSD.	23-07-18	11:30-11:32	1.31426	27746.02399								
GBPUSD.	23-07-18	13:30-13:32	1.31252	28855.86495								
GBPUSD.	23-07-18	15:32-17:30			1.31029	23-07-18 15:32	2219.68192	Other	NA	Electronic	1.31029	1.31032
GBPUSD.	24-07-18	09:30-09:32	1.31097	39954.27455								
GBPUSD.	24-07-18	11:32-13:30			1.31309	24-07-18 11:34	11098.4096	Other	NA	Electronic	1.31309	1.31314
GBPUSD.	24-07-18	13:30-13:32	1.31227	1109.84096								
GBPUSD.	24-07-18	15:32-17:30			1.31432	24-07-18 15:33	2219.68192	Other	NA	Electronic	1.31427	1.31432
GBPUSD.	25-07-18	09:30-09:32	1.31606	39954.27455								
GBPUSD.	25-07-18	11:30-11:32	1.31608	2219.68192								
GBPUSD.	25-07-18	13:30-13:32	1.31706	22196.8192								
GBPUSD.	25-07-18	15:30-15:32	1.31425	22196.8192								
GBPUSD.	26-07-18	09:30-09:32	1.31868	1109.84096								
GBPUSD.	26-07-18	11:32-13:30			1.31802	26-07-18 11:32	55492.04799	Other	NA	Electronic	1.31802	1.31806
GBPUSD.	26-07-18	13:30-13:32	1.31394	162036.7801								
GBPUSD.	26-07-18	15:30-15:32	1.31475	9988.568638								

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GBPUSD.	27-07-18	09:32-11:30			1.30945	27-07-18 09:34	11098.4096	Other	NA	Electronic	1.30941	1.30945
GBPUSD.	27-07-18	11:30-11:32	1.3102	59931.41183								
GBPUSD.	27-07-18	13:30-13:32	1.31134	33295.22879								
GBPUSD.	27-07-18	15:30-15:32	1.31187	16647.6144								
GBPUSD.	30-07-18	09:32-11:30			1.31214	30-07-18 09:32	110984.096	Other	NA	Electronic	1.3121	1.31214
GBPUSD.	30-07-18	11:32-13:30			1.31147	30-07-18 11:44	11098.4096	Other	NA	Electronic	1.31143	1.31147
GBPUSD.	30-07-18	13:32-15:30			1.31229	30-07-18 13:33	1109.84096	Other	NA	Electronic	1.31229	1.31231
GBPUSD.	30-07-18	15:30-15:32	1.31456	149828.5296								
GBPUSD.	31-07-18	09:30-09:32	1.31584	210869.7824								
GBPUSD.	31-07-18	11:30-11:32	1.31635	155377.7344								
GBPUSD.	31-07-18	13:30-13:32	1.31301	147608.8477								
GBPUSD.	31-07-18	15:30-15:32	1.31138	2219.68192								
GBPUSD.	01-08-18	09:30-09:32	1.31132	55492.04799								
GBPUSD.	01-08-18	11:30-11:32	1.31364	11098.4096								
GBPUSD.	01-08-18	13:30-13:32	1.31299	118752.9827								



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GBPUSD.	01-08-18	15:32-17:30			1.31194	01-08-18 15:54	1109.84096	Other	NA	Electronic	1.31191	1.31194
GBPUSD.	02-08-18	09:30-09:32	1.30731	14427.93248								
GBPUSD.	02-08-18	11:30-11:32	1.30951	68810.13951								
GBPUSD.	02-08-18	13:30-13:32	1.30577	114313.6189								
GBPUSD.	02-08-18	15:30-15:32	1.30326	55492.04799								
GBPUSD.	03-08-18	09:32-11:30			1.30044	03-08-18 09:33	110984.096	Other	NA	Electronic	1.30044	1.30047
GBPUSD.	03-08-18	11:30-11:32	1.30395	19977.13728								
GBPUSD.	03-08-18	13:30-13:32	1.29981	49942.84319								
GBPUSD.	03-08-18	15:30-15:32	1.30202	11098.4096								
GBPUSD.	06-08-18	09:32-11:30			1.29666	06-08-18 09:32	110984.096	Other	NA	Electronic	1.29666	1.29669
GBPUSD.	06-08-18	11:32-13:30			1.29256	06-08-18 11:35	1109.84096	Other	NA	Electronic	1.29256	1.29258
GBPUSD.	06-08-18	13:32-15:30			1.29317	06-08-18 13:32	2219.68192	Other	NA	Electronic	1.29312	1.29316
GBPUSD.	06-08-18	15:30-15:32	1.29477	17757.45536								
GBPUSD.	07-08-18	09:32-11:30			1.29648	07-08-18 09:34	3329.522879	Other	NA	Electronic	1.29648	1.29651
GBPUSD.	07-08-18	11:32-13:30			1.29582	07-08-18 11:34	1109.84096	Other	NA	Electronic	1.29579	1.29582

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GBPUSD.	07-08-18	13:30-13:32	1.295	1109.84096								
GBPUSD.	07-08-18	15:32-17:30			1.29541	07-08-18 15:41	44393.63839	Other	NA	Electronic	1.29541	1.29545
GBPUSD.	08-08-18	09:30-09:32	1.29055	19977.13728								
GBPUSD.	08-08-18	11:30-11:32	1.28659	2219.68192								
GBPUSD.	08-08-18	13:30-13:32	1.28726	5549.204799								
GBPUSD.	08-08-18	15:32-17:30			1.28876	08-08-18 15:34	1109.84096	Other	NA	Electronic	1.28868	1.28876
GBPUSD.	09-08-18	09:32-11:30			1.28722	09-08-18 09:33	55492.04799	Other	NA	Electronic	1.28722	1.28727
GBPUSD.	09-08-18	11:32-13:30			1.28906	09-08-18 11:37	11098.4096	Other	NA	Electronic	1.28906	1.28911
GBPUSD.	09-08-18	13:32-15:30			1.28856	09-08-18 13:33	1109.84096	Other	NA	Electronic	1.28854	1.28856
GBPUSD.	09-08-18	15:30-15:32	1.28743	39954.27455								
GBPUSD.	10-08-18	09:30-09:32	1.2782	52162.52511								
GBPUSD.	10-08-18	11:30-11:32	1.27649	2219.68192								
GBPUSD.	10-08-18	13:30-13:32	1.27295	2015471.183								
GBPUSD.	10-08-18	15:30-15:32	1.27844	5549.204799								
GBPUSD.	13-08-18	09:30-09:32	1.27458	26636.18303								

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GBPUSD.	13-08-18	11:30-11:32	1.2746	21086.97824								
GBPUSD.	13-08-18	13:30-13:32	1.27762	14427.93248								
GBPUSD.	13-08-18	15:30-15:32	1.27659	5549.204799								
GBPUSD.	14-08-18	09:32-11:30			1.27822	14-08-18 09:37	55492.04799	Other	NA	Electronic	1.27818	1.27822
GBPUSD.	14-08-18	11:30-11:32	1.27712	113203.7779								
GBPUSD.	14-08-18	13:30-13:32	1.27744	5549.204799								
GBPUSD.	14-08-18	15:30-15:32	1.27396	79908.5491								
GBPUSD.	15-08-18	09:30-09:32	1.27184	55492.04799								
GBPUSD.	15-08-18	11:30-11:32	1.2696	1109.84096								
GBPUSD.	15-08-18	13:30-13:32	1.2677	7768.886719								
GBPUSD.	15-08-18	15:30-15:32	1.26898	27746.02399								
GBPUSD.	16-08-18	09:32-11:30			1.27086	16-08-18 09:41	1109.84096	Other	NA	Electronic	1.27082	1.27086
GBPUSD.	16-08-18	11:32-13:30			1.27085	16-08-18 11:38	33295.22879	Other	NA	Electronic	1.27085	1.27089
GBPUSD.	16-08-18	13:32-15:30			1.27308	16-08-18 13:44	31075.54687	Other	NA	Electronic	1.27302	1.27312
GBPUSD.	16-08-18	15:32-17:30			1.2717	16-08-18 15:47	1109.84096	Other	NA	Electronic	1.27166	1.2717

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GBPUSD.	17-08-18	09:32-11:30			1.2714	17-08-18 09:32	24416.50112	Other	NA	Electronic	1.2714	1.27144
GBPUSD.	17-08-18	11:30-11:32	1.27202	27746.02399								
GBPUSD.	17-08-18	13:32-15:30			1.27308	17-08-18 13:46	1109.84096	Other	NA	Electronic	1.27308	1.27311
GBPUSD.	17-08-18	15:30-15:32	1.27351	4439.363839								
GBPUSD.	20-08-18	09:32-11:30			1.27402	20-08-18 09:43	22196.8192	Other	NA	Electronic	1.27399	1.27402
GBPUSD.	20-08-18	11:30-11:32	1.27609	1109.84096								
GBPUSD.	20-08-18	13:32-15:30			1.27752	20-08-18 13:36	2219.68192	Other	NA	Electronic	1.27752	1.27756
GBPUSD.	20-08-18	15:32-17:30			1.27769	20-08-18 15:53	1109.84096	Other	NA	Electronic	1.27763	1.27769
GBPUSD.	21-08-18	09:30-09:32	1.28215	8878.727678								
GBPUSD.	21-08-18	11:30-11:32	1.28426	9988.568638								
GBPUSD.	21-08-18	13:32-15:30			1.28457	21-08-18 13:40	22196.8192	Other	NA	Electronic	1.28454	1.28457
GBPUSD.	21-08-18	15:32-17:30			1.28629	21-08-18 15:44	1109.84096	Other	NA	Electronic	1.28624	1.28629
GBPUSD.	22-08-18	09:30-09:32	1.289	3329.522879								
GBPUSD.	22-08-18	11:32-13:30			1.29028	22-08-18 11:39	27746.02399	Other	NA	Electronic	1.29028	1.29033
GBPUSD.	22-08-18	13:30-13:32	1.29229	8878.727678								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSD.	22-08-18	15:30-15:32	1.29054	8878.727678								
GBPUSD.	23-08-18	09:30-09:32	1.2859	4439.363839								
GBPUSD.	23-08-18	11:32-13:30			1.28928	23-08-18 11:35	5549.204799	Other	NA	Electronic	1.2893	1.28933
GBPUSD.	23-08-18	13:32-15:30			1.28562	23-08-18 13:32	2219.68192	Other	NA	Electronic	1.28562	1.28564
GBPUSD.	23-08-18	15:30-15:32	1.28342	4439.363839								
GBPUSD.	24-08-18	09:30-09:32	1.28121	37734.59263								
GBPUSD.	24-08-18	11:32-13:30			1.28559	24-08-18 11:34	1109.84096	Other	NA	Electronic	1.28559	1.28563
GBPUSD.	24-08-18	13:32-15:30			1.28542	24-08-18 13:35	9988.568638	Other	NA	Electronic	1.28542	1.28545
GBPUSD.	24-08-18	15:30-15:32	1.28505	23306.66016								
GBPUSD.	27-08-18	09:32-11:30			1.28435	27-08-18 09:55	2219.68192	Other	NA	Electronic	1.28431	1.28435
GBPUSD.	27-08-18	11:30-11:32	1.2855	2219.68192								
GBPUSD.	27-08-18	13:30-13:32	1.28847	19977.13728								
GBPUSD.	27-08-18	15:30-15:32	1.28854	1109.84096								
GBPUSD.	28-08-18	09:32-11:30			1.29024	28-08-18 09:34	2219.68192	Other	NA	Electronic	1.29022	1.29024
GBPUSD.	28-08-18	11:30-11:32	1.28957	3329.522879								

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GBPUSD.	28-08-18	13:30-13:32	1.29208	3329.522879								
GBPUSD.	28-08-18	15:32-17:30			1.28813	28-08-18 15:34	1109.84096	Other	NA	Electronic	1.28809	1.28813
GBPUSD.	29-08-18	09:32-11:30			1.28772	29-08-18 09:32	1109.84096	Other	NA	Electronic	1.28773	1.28777
GBPUSD.	29-08-18	11:30-11:32	1.28867	3329.522879								
GBPUSD.	29-08-18	13:30-13:32	1.28833	11098.4096								
GBPUSD.	29-08-18	15:30-15:32	1.30013	28855.86495								
GBPUSD.	30-08-18	09:32-11:30			1.3008	30-08-18 09:32	27746.02399	Other	NA	Electronic	1.30078	1.3008
GBPUSD.	30-08-18	11:32-13:30			1.30158	30-08-18 11:34	1109.84096	Other	NA	Electronic	1.30155	1.30158
GBPUSD.	30-08-18	13:30-13:32	1.29955	38844.43359								
GBPUSD.	30-08-18	15:30-15:32	1.29948	1109.84096								
GBPUSD.	31-08-18	09:32-11:30			1.30038	31-08-18 09:38	5549.204799	Other	NA	Electronic	1.30038	1.30042
GBPUSD.	31-08-18	11:30-11:32	1.29908	1109.84096								
GBPUSD.	31-08-18	13:30-13:32	1.29625	58821.57087								
GBPUSD.	31-08-18	15:30-15:32	1.29818	4439.363839								
GBPUSD.	03-09-18	09:30-09:32	1.28792	28855.86495								

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GBPUSD.	03-09-18	11:32-13:30			1.28703	03-09-18 11:34	1109.84096	Other	NA	Electronic	1.28699	1.28703
GBPUSD.	03-09-18	13:30-13:32	1.2874	3329.522879								
GBPUSD.	03-09-18	15:30-15:32	1.28852	3329.522879								
GBPUSD.	04-09-18	09:32-11:30			1.28226	04-09-18 09:34	1109.84096	Other	NA	Electronic	1.28223	1.28226
GBPUSD.	04-09-18	11:30-11:32	1.28225	79908.5491								
GBPUSD.	04-09-18	13:30-13:32	1.28411	1109.84096								
GBPUSD.	04-09-18	15:30-15:32	1.28169	114313.6189								
GBPUSD.	05-09-18	09:32-11:30			1.28252	05-09-18 09:32	2219.68192	Other	NA	Electronic	1.28239	1.28243
GBPUSD.	05-09-18	11:30-11:32	1.28133	3329.522879								
GBPUSD.	05-09-18	13:30-13:32	1.29721	17757.45536								
GBPUSD.	05-09-18	15:30-15:32	1.28854	41064.11551								
GBPUSD.	06-09-18	09:30-09:32	1.29284	34405.06975								
GBPUSD.	06-09-18	11:32-13:30			1.29357	06-09-18 11:32	1109.84096	Other	NA	Electronic	1.29354	1.29357
GBPUSD.	06-09-18	13:30-13:32	1.29352	19977.13728								
GBPUSD.	06-09-18	15:30-15:32	1.29376	23306.66016								

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GBPUSD.	07-09-18	09:32-11:30			1.29317	07-09-18 09:40	6659.045759	Other	NA	Electronic	1.29317	1.29321
GBPUSD.	07-09-18	11:30-11:32	1.29965	33295.22879								
GBPUSD.	07-09-18	13:30-13:32	1.29593	18867.29632								
GBPUSD.	07-09-18	15:32-17:30			1.29477	07-09-18 15:36	1109.84096	Other	NA	Electronic	1.29477	1.2948
GBPUSD.	10-09-18	09:32-11:30			1.29479	10-09-18 09:33	2219.68192	Other	NA	Electronic	1.29475	1.29479
GBPUSD.	10-09-18	11:30-11:32	1.29256	1109.84096								
GBPUSD.	10-09-18	13:30-13:32	1.3036	2219.68192								
GBPUSD.	10-09-18	15:30-15:32	1.30244	2219.68192								
GBPUSD.	11-09-18	09:32-11:30			1.3042	11-09-18 09:33	5549.204799	Other	NA	Electronic	1.30415	1.3042
GBPUSD.	11-09-18	11:32-13:30			1.30221	11-09-18 11:32	2219.68192	Other	NA	Electronic	1.30221	1.30224
GBPUSD.	11-09-18	13:30-13:32	1.29917	2219.68192								
GBPUSD.	11-09-18	15:32-17:30			1.29948	11-09-18 15:33	33295.22879	Other	NA	Electronic	1.29948	1.29951
GBPUSD.	12-09-18	09:30-09:32	1.30302	1109.84096								
GBPUSD.	12-09-18	11:32-13:30			1.29894	12-09-18 11:52	1109.84096	Other	NA	Electronic	1.29891	1.29894
GBPUSD.	12-09-18	13:32-15:30			1.3001	12-09-18 13:35	1109.84096	Other	NA	Electronic	1.3001	1.30015



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GBPUSD.	12-09-18	15:30-15:32	1.30363	5549.204799								
GBPUSD.	13-09-18	09:30-09:32	1.30532	9988.568638								
GBPUSD.	13-09-18	11:32-13:30			1.30447	13-09-18 11:32	22196.8192	Other	NA	Electronic	1.30443	1.30447
GBPUSD.	13-09-18	13:30-13:32	1.31106	37734.59263								
GBPUSD.	13-09-18	15:30-15:32	1.31019	11098.4096								
GBPUSD.	14-09-18	09:32-11:30			1.31222	14-09-18 09:53	3329.522879	Other	NA	Electronic	1.3122	1.31222
GBPUSD.	14-09-18	11:30-11:32	1.31198	3329.522879								
GBPUSD.	14-09-18	13:30-13:32	1.31024	18867.29632								
GBPUSD.	14-09-18	15:32-17:30			1.30872	14-09-18 15:33	33295.22879	Other	NA	Electronic	1.30872	1.30876
GBPUSD.	17-09-18	09:32-11:30			1.31012	17-09-18 09:38	4439.363839	Other	NA	Electronic	1.31012	1.31015
GBPUSD.	17-09-18	11:30-11:32	1.31099	4439.363839								
GBPUSD.	17-09-18	13:32-15:30			1.31455	17-09-18 13:32	1109.84096	Other	NA	Electronic	1.31452	1.31455
GBPUSD.	17-09-18	15:30-15:32	1.3138	35514.91071								
GBPUSD.	18-09-18	09:30-09:32	1.31233	46613.32031								
GBPUSD.	18-09-18	11:30-11:32	1.31312	22196.8192								

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GBPUSD.	18-09-18	13:30-13:32	1.31608	1109.84096								
GBPUSD.	18-09-18	15:32-17:30			1.31496	18-09-18 15:37	2219.68192	Other	NA	Electronic	1.31496	1.31499
GBPUSD.	19-09-18	09:30-09:32	1.31834	5549.204799								
GBPUSD.	19-09-18	11:30-11:32	1.31331	27746.02399								
GBPUSD.	19-09-18	13:30-13:32	1.31359	7768.886719								
GBPUSD.	19-09-18	15:32-17:30			1.3149	19-09-18 15:32	1109.84096	Other	NA	Electronic	1.3149	1.31494
GBPUSD.	20-09-18	09:30-09:32	1.32129	16647.6144								
GBPUSD.	20-09-18	11:30-11:32	1.32549	130961.2333								
GBPUSD.	20-09-18	13:32-15:30			1.327	20-09-18 13:38	4439.363839	Other	NA	Electronic	1.327	1.32705
GBPUSD.	20-09-18	15:30-15:32	1.32369	203100.8956								
GBPUSD.	21-09-18	09:30-09:32	1.31938	1811260.446								
GBPUSD.	21-09-18	11:30-11:32	1.31971	1109.84096								
GBPUSD.	21-09-18	13:30-13:32	1.30771	26636.18303								
GBPUSD.	21-09-18	15:32-17:30			1.30741	21-09-18 15:34	4439.363839	Other	NA	Electronic	1.30741	1.30746
GBPUSD.	24-09-18	09:30-09:32	1.31203	2219.68192								

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GBPUSD.	24-09-18	11:30-11:32	1.31413	1109.84096								
GBPUSD.	24-09-18	13:30-13:32	1.31644	16647.6144								
GBPUSD.	24-09-18	15:32-17:30			1.31332	24-09-18 15:36	1109.84096	Other	NA	Electronic	1.31332	1.31335
GBPUSD.	25-09-18	09:32-11:30			1.31477	25-09-18 09:32	1109.84096	Other	NA	Electronic	1.31473	1.31477
GBPUSD.	25-09-18	11:30-11:32	1.31575	22196.8192								
GBPUSD.	25-09-18	13:30-13:32	1.31477	2219.68192								
GBPUSD.	25-09-18	15:32-17:30			1.31567	25-09-18 15:38	1109.84096	Other	NA	Electronic	1.31567	1.31571
GBPUSD.	26-09-18	09:32-11:30			1.3165	26-09-18 09:35	3329.522879	Other	NA	Electronic	1.3165	1.31654
GBPUSD.	26-09-18	11:30-11:32	1.31467	4439.363839								
GBPUSD.	26-09-18	13:30-13:32	1.31553	2219.68192								
GBPUSD.	26-09-18	15:32-17:30			1.31749	26-09-18 15:36	5549.204799	Other	NA	Electronic	1.31749	1.31752
GBPUSD.	27-09-18	09:30-09:32	1.31176	1109.84096								
GBPUSD.	27-09-18	11:30-11:32	1.313	18867.29632								
GBPUSD.	27-09-18	13:30-13:32	1.31218	175354.8716								
GBPUSD.	27-09-18	15:32-17:30			1.3101	27-09-18 15:35	3329.522879	Other	NA	Electronic	1.3101	1.31013

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GBPUSD.	28-09-18	09:32-11:30			1.30596	28-09-18 09:32	110984.096	Other	NA	Electronic	1.3059	1.30596
GBPUSD.	28-09-18	11:32-13:30			1.30465	28-09-18 11:36	27746.02399	Other	NA	Electronic	1.30465	1.30469
GBPUSD.	28-09-18	13:30-13:32	1.30229	169805.6668								
GBPUSD.	28-09-18	15:30-15:32	1.30433	2219.68192								
GBPUSDmicro	02-07-18	09:30-09:32	1.31616	132415.1249								
GBPUSDmicro	02-07-18	11:30-11:32	1.31517	25026.91364								
GBPUSDmicro	02-07-18	13:30-13:32	1.31018	50098.22092								
GBPUSDmicro	02-07-18	15:30-15:32	1.31244	7835.477176								
GBPUSDmicro	03-07-18	09:30-09:32	1.31852	94791.51638								
GBPUSDmicro	03-07-18	11:30-11:32	1.31901	91917.02829								
GBPUSDmicro	03-07-18	13:30-13:32	1.31698	17391.20784								
GBPUSDmicro	03-07-18	15:30-15:32	1.31847	19100.36292								
GBPUSDmicro	04-07-18	09:30-09:32	1.32101	5105.268415								
GBPUSDmicro	04-07-18	11:30-11:32	1.32028	1154.234598								
GBPUSDmicro	04-07-18	13:30-13:32	1.32081	1742.450307								

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GBPUSDmicro	04-07-18	15:30-15:32	1.32155	18645.32812								
GBPUSDmicro	05-07-18	09:30-09:32	1.32273	354283.4312								
GBPUSDmicro	05-07-18	11:30-11:32	1.32569	30220.96934								
GBPUSDmicro	05-07-18	13:30-13:32	1.32131	446855.2656								
GBPUSDmicro	05-07-18	15:30-15:32	1.32188	10143.94637								
GBPUSDmicro	06-07-18	09:30-09:32	1.32379	182502.2474								
GBPUSDmicro	06-07-18	11:30-11:32	1.3232	3939.935407								
GBPUSDmicro	06-07-18	13:30-13:32	1.32731	259747.1782								
GBPUSDmicro	06-07-18	15:30-15:32	1.32752	177685.5377								
GBPUSDmicro	09-07-18	09:30-09:32	1.33322	77933.0322								
GBPUSDmicro	09-07-18	11:30-11:32	1.33432	14427.93248								
GBPUSDmicro	09-07-18	13:30-13:32	1.33467	12985.13923								
GBPUSDmicro	09-07-18	15:30-15:32	1.32444	151371.2085								
GBPUSDmicro	10-07-18	09:30-09:32	1.32508	32185.38783								
GBPUSDmicro	10-07-18	11:30-11:32	1.32376	9089.597461								

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GBPUSDmicro	10-07-18	13:30-13:32	1.32762	24338.81225								
GBPUSDmicro	10-07-18	15:30-15:32	1.32732	17735.25854								
GBPUSDmicro	11-07-18	09:30-09:32	1.32465	199294.1411								
GBPUSDmicro	11-07-18	11:30-11:32	1.32502	64848.00728								
GBPUSDmicro	11-07-18	13:30-13:32	1.32668	8612.365848								
GBPUSDmicro	11-07-18	15:30-15:32	1.32363	152514.3447								
GBPUSDmicro	12-07-18	09:30-09:32	1.32142	4683.52885								
GBPUSDmicro	12-07-18	11:30-11:32	1.31926	5771.172991								
GBPUSDmicro	12-07-18	13:30-13:32	1.32226	8812.137221								
GBPUSDmicro	12-07-18	15:30-15:32	1.32243	4184.100418								
GBPUSDmicro	13-07-18	09:30-09:32	1.31245	63682.67427								
GBPUSDmicro	13-07-18	11:30-11:32	1.312	35725.7805								
GBPUSDmicro	13-07-18	13:30-13:32	1.31682	119108.1318								
GBPUSDmicro	13-07-18	15:30-15:32	1.32157	176808.7633								
GBPUSDmicro	16-07-18	09:30-09:32	1.32644	51074.88097								

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GBPUSDmicro	16-07-18	11:30-11:32	1.32846	241190.6374								
GBPUSDmicro	16-07-18	13:30-13:32	1.32625	38700.15427								
GBPUSDmicro	16-07-18	15:30-15:32	1.32273	165144.3348								
GBPUSDmicro	17-07-18	09:30-09:32	1.32525	178140.5725								
GBPUSDmicro	17-07-18	11:30-11:32	1.32076	65003.38501								
GBPUSDmicro	17-07-18	13:30-13:32	1.31663	23007.0031								
GBPUSDmicro	17-07-18	15:30-15:32	1.3176	6337.19188								
GBPUSDmicro	18-07-18	09:30-09:32	1.30443	1398.399609								
GBPUSDmicro	18-07-18	11:30-11:32	1.30283	12485.7108								
GBPUSDmicro	18-07-18	13:30-13:32	1.30423	12285.93942								
GBPUSDmicro	18-07-18	15:30-15:32	1.30527	6181.814146								
GBPUSDmicro	19-07-18	09:30-09:32	1.30035	104902.1675								
GBPUSDmicro	19-07-18	11:30-11:32	1.29895	28012.38583								
GBPUSDmicro	19-07-18	13:30-13:32	1.29826	333740.275								
GBPUSDmicro	19-07-18	15:30-15:32	1.29874	74769.98546								

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GBPUSDmicro	20-07-18	09:30-09:32	1.30206	11453.55871								
GBPUSDmicro	20-07-18	11:30-11:32	1.30434	10199.43842								
GBPUSDmicro	20-07-18	13:30-13:32	1.31016	432316.3491								
GBPUSDmicro	20-07-18	15:30-15:32	1.31065	3440.506975								
GBPUSDmicro	23-07-18	09:30-09:32	1.31117	56402.11758								
GBPUSDmicro	23-07-18	11:30-11:32	1.31403	6137.420508								
GBPUSDmicro	23-07-18	13:30-13:32	1.31263	114924.0314								
GBPUSDmicro	23-07-18	15:30-15:32	1.31022	110495.766								
GBPUSDmicro	24-07-18	09:30-09:32	1.31111	1542.678934								
GBPUSDmicro	24-07-18	11:30-11:32	1.31314	55303.37503								
GBPUSDmicro	24-07-18	13:30-13:32	1.31234	7779.985128								
GBPUSDmicro	24-07-18	15:30-15:32	1.314	12119.46328								
GBPUSDmicro	25-07-18	09:30-09:32	1.31606	25881.49118								
GBPUSDmicro	25-07-18	11:30-11:32	1.31587	9478.041797								
GBPUSDmicro	25-07-18	13:30-13:32	1.31713	2497.14216								



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GBPUSDmicro	25-07-18	15:30-15:32	1.31427	232667.0588								
GBPUSDmicro	26-07-18	09:30-09:32	1.31892	18034.9156								
GBPUSDmicro	26-07-18	11:30-11:32	1.31791	10377.01297								
GBPUSDmicro	26-07-18	13:30-13:32	1.31403	733837.941								
GBPUSDmicro	26-07-18	15:30-15:32	1.31489	131838.0076								
GBPUSDmicro	27-07-18	09:30-09:32	1.3095	19333.42952								
GBPUSDmicro	27-07-18	11:30-11:32	1.31017	44937.46046								
GBPUSDmicro	27-07-18	13:30-13:32	1.31121	115678.7232								
GBPUSDmicro	27-07-18	15:30-15:32	1.31181	15571.06867								
GBPUSDmicro	30-07-18	09:30-09:32	1.31212	19488.80725								
GBPUSDmicro	30-07-18	11:30-11:32	1.312	7735.59149								
GBPUSDmicro	30-07-18	13:30-13:32	1.3124	55625.2289								
GBPUSDmicro	30-07-18	15:30-15:32	1.31462	6714.537807								
GBPUSDmicro	31-07-18	09:30-09:32	1.31597	153158.0525								
GBPUSDmicro	31-07-18	11:30-11:32	1.3163	5793.36981								

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GBPUSDmicro	31-07-18	13:30-13:32	1.31304	270723.5053								
GBPUSDmicro	31-07-18	15:30-15:32	1.31125	72972.04311								
GBPUSDmicro	01-08-18	09:30-09:32	1.31138	116699.7769								
GBPUSDmicro	01-08-18	11:30-11:32	1.31349	20265.69593								
GBPUSDmicro	01-08-18	13:30-13:32	1.31285	47767.55491								
GBPUSDmicro	01-08-18	15:30-15:32	1.31195	1009.955273								
GBPUSDmicro	02-08-18	09:30-09:32	1.30736	20154.71183								
GBPUSDmicro	02-08-18	11:30-11:32	1.3095	3973.230636								
GBPUSDmicro	02-08-18	13:30-13:32	1.30585	25448.65321								
GBPUSDmicro	02-08-18	15:30-15:32	1.30317	129662.7193								
GBPUSDmicro	03-08-18	09:30-09:32	1.30046	31275.31825								
GBPUSDmicro	03-08-18	11:30-11:32	1.30387	33395.11448								
GBPUSDmicro	03-08-18	13:30-13:32	1.29983	49310.23384								
GBPUSDmicro	03-08-18	15:30-15:32	1.30207	12530.10444								
GBPUSDmicro	06-08-18	09:30-09:32	1.29655	115157.098								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSDmicro	06-08-18	11:30-11:32	1.293	20443.27048								
GBPUSDmicro	06-08-18	13:30-13:32	1.29341	7979.756501								
GBPUSDmicro	06-08-18	15:30-15:32	1.29473	30631.61049								
GBPUSDmicro	07-08-18	09:30-09:32	1.29654	4572.544754								
GBPUSDmicro	07-08-18	11:30-11:32	1.29583	2230.780329								
GBPUSDmicro	07-08-18	13:30-13:32	1.29506	149928.4153								
GBPUSDmicro	07-08-18	15:30-15:32	1.29532	199.7713728								
GBPUSDmicro	08-08-18	09:30-09:32	1.29036	51030.48733								
GBPUSDmicro	08-08-18	11:30-11:32	1.28675	40076.35706								
GBPUSDmicro	08-08-18	13:30-13:32	1.2871	6314.995061								
GBPUSDmicro	08-08-18	15:30-15:32	1.28868	11109.50801								
GBPUSDmicro	09-08-18	09:30-09:32	1.2878	116100.4628								
GBPUSDmicro	09-08-18	11:30-11:32	1.28892	81628.80259								
GBPUSDmicro	09-08-18	13:30-13:32	1.28884	566.0188895								
GBPUSDmicro	09-08-18	15:30-15:32	1.28726	24272.22179								

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GBPUSDmicro	10-08-18	09:30-09:32	1.27809	55514.24481								
GBPUSDmicro	10-08-18	11:30-11:32	1.27653	8812.137221								
GBPUSDmicro	10-08-18	13:30-13:32	1.27303	268259.6584								
GBPUSDmicro	10-08-18	15:30-15:32	1.27826	7402.639202								
GBPUSDmicro	13-08-18	09:30-09:32	1.27478	1886.729632								
GBPUSDmicro	13-08-18	11:30-11:32	1.27466	166.476144								
GBPUSDmicro	13-08-18	13:30-13:32	1.27767	40675.67118								
GBPUSDmicro	13-08-18	15:30-15:32	1.27651	245674.3949								
GBPUSDmicro	14-08-18	09:30-09:32	1.27796	20820.61641								
GBPUSDmicro	14-08-18	11:32-13:30			1.27685	14-08-18 11:32	99896.78479	Other	NA	Electronic	1.27685	1.27706
GBPUSDmicro	14-08-18	13:30-13:32	1.27746	2486.04375								
GBPUSDmicro	14-08-18	15:30-15:32	1.27395	111661.099								
GBPUSDmicro	15-08-18	09:30-09:32	1.27176	61196.63052								
GBPUSDmicro	15-08-18	11:30-11:32	1.26974	4694.62726								
GBPUSDmicro	15-08-18	13:30-13:32	1.26772	14161.57065								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GBPUSDmicro	15-08-18	15:30-15:32	1.26905	4139.70678								
GBPUSDmicro	16-08-18	09:30-09:32	1.27067	5560.303209								
GBPUSDmicro	16-08-18	11:30-11:32	1.2709	34038.82224								
GBPUSDmicro	16-08-18	13:30-13:32	1.27084	3873.34495								
GBPUSDmicro	16-08-18	15:30-15:32	1.27279	310.7554687								
GBPUSDmicro	17-08-18	09:30-09:32	1.27152	123625.1845								
GBPUSDmicro	17-08-18	11:30-11:32	1.27207	10243.83206								
GBPUSDmicro	17-08-18	13:30-13:32	1.27272	77.68886719								
GBPUSDmicro	17-08-18	15:30-15:32	1.2735	3851.14813								
GBPUSDmicro	20-08-18	09:30-09:32	1.27369	4639.135212								
GBPUSDmicro	20-08-18	11:30-11:32	1.27599	8912.022907								
GBPUSDmicro	20-08-18	13:30-13:32	1.27729	64037.82338								
GBPUSDmicro	20-08-18	15:30-15:32	1.27605	122.0825056								
GBPUSDmicro	21-08-18	09:30-09:32	1.28216	25071.30728								
GBPUSDmicro	21-08-18	11:30-11:32	1.2842	12408.02193								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSDmicro	21-08-18	13:30-13:32	1.28497	13839.71677								
GBPUSDmicro	21-08-18	15:30-15:32	1.28615	28434.12539								
GBPUSDmicro	22-08-18	09:30-09:32	1.2889	5094.170005								
GBPUSDmicro	22-08-18	11:30-11:32	1.29047	202235.2197								
GBPUSDmicro	22-08-18	13:30-13:32	1.29235	7757.788309								
GBPUSDmicro	22-08-18	15:30-15:32	1.29067	34749.12045								
GBPUSDmicro	23-08-18	09:30-09:32	1.28596	25604.03094								
GBPUSDmicro	23-08-18	11:30-11:32	1.28945	5527.00798								
GBPUSDmicro	23-08-18	13:30-13:32	1.286	21086.97824								
GBPUSDmicro	23-08-18	15:30-15:32	1.28362	26269.93552								
GBPUSDmicro	24-08-18	09:30-09:32	1.28115	19954.94046								
GBPUSDmicro	24-08-18	11:30-11:32	1.28533	5549.204799								
GBPUSDmicro	24-08-18	13:30-13:32	1.28569	2119.796233								
GBPUSDmicro	24-08-18	15:30-15:32	1.2853	61518.4844								
GBPUSDmicro	27-08-18	09:32-11:30			1.2843	27-08-18 09:35	11.0984096	Other	NA	Electronic	1.28409	1.2843

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSDmicro	27-08-18	11:30-11:32	1.28565	8545.77539								
GBPUSDmicro	27-08-18	13:30-13:32	1.28835	64193.20111								
GBPUSDmicro	27-08-18	15:30-15:32	1.28847	332.9522879								
GBPUSDmicro	28-08-18	09:30-09:32	1.29054	15116.03387								
GBPUSDmicro	28-08-18	11:30-11:32	1.28944	3440.506975								
GBPUSDmicro	28-08-18	13:30-13:32	1.29224	5027.579548								
GBPUSDmicro	28-08-18	15:30-15:32	1.28826	6792.226674								
GBPUSDmicro	29-08-18	09:30-09:32	1.28798	455.0347935								
GBPUSDmicro	29-08-18	11:30-11:32	1.28877	3629.179939								
GBPUSDmicro	29-08-18	13:30-13:32	1.28811	11109.50801								
GBPUSDmicro	29-08-18	15:30-15:32	1.30018	23606.31721								
GBPUSDmicro	30-08-18	09:30-09:32	1.30084	22.1968192								
GBPUSDmicro	30-08-18	11:32-13:30			1.30122	30-08-18 11:32	110.984096	Other	NA	Electronic	1.30122	1.30144
GBPUSDmicro	30-08-18	13:30-13:32	1.29969	216463.3808								
GBPUSDmicro	30-08-18	15:30-15:32	1.2994	1464.990067								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GBPUSDmicro	31-08-18	09:30-09:32	1.30077	887.8727678								
GBPUSDmicro	31-08-18	11:30-11:32	1.29915	9422.549749								
GBPUSDmicro	31-08-18	13:30-13:32	1.29619	192335.4383								
GBPUSDmicro	31-08-18	15:30-15:32	1.29817	56557.49531								
GBPUSDmicro	03-09-18	09:30-09:32	1.28786	135777.943								
GBPUSDmicro	03-09-18	11:30-11:32	1.28699	1132.037779								
GBPUSDmicro	03-09-18	13:30-13:32	1.28742	22.1968192								
GBPUSDmicro	03-09-18	15:30-15:32	1.28854	449618.7696								
GBPUSDmicro	04-09-18	09:30-09:32	1.28197	10077.35591								
GBPUSDmicro	04-09-18	11:30-11:32	1.28225	2219.68192								
GBPUSDmicro	04-09-18	13:30-13:32	1.28424	5216.252511								
GBPUSDmicro	04-09-18	15:30-15:32	1.28178	631011.1761								
GBPUSDmicro	05-09-18	09:30-09:32	1.28145	19255.74065								
GBPUSDmicro	05-09-18	11:30-11:32	1.28147	4050.919503								
GBPUSDmicro	05-09-18	13:30-13:32	1.2971	202723.5497								



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GBPUSDmicro	05-09-18	15:30-15:32	1.28857	91184.53326								
GBPUSDmicro	06-09-18	09:30-09:32	1.29272	128597.272								
GBPUSDmicro	06-09-18	11:30-11:32	1.29349	41630.1344								
GBPUSDmicro	06-09-18	13:30-13:32	1.29343	10399.20979								
GBPUSDmicro	06-09-18	15:30-15:32	1.2937	15615.4623								
GBPUSDmicro	07-09-18	09:30-09:32	1.29351	6814.423493								
GBPUSDmicro	07-09-18	11:30-11:32	1.29952	1775.745536								
GBPUSDmicro	07-09-18	13:30-13:32	1.29583	52329.00125								
GBPUSDmicro	07-09-18	15:30-15:32	1.29485	210.8697824								
GBPUSDmicro	10-09-18	09:30-09:32	1.29508	42329.33421								
GBPUSDmicro	10-09-18	11:30-11:32	1.29274	2474.94534								
GBPUSDmicro	10-09-18	13:30-13:32	1.30336	12374.7267								
GBPUSDmicro	10-09-18	15:30-15:32	1.30257	12785.36786								
GBPUSDmicro	11-09-18	09:30-09:32	1.30372	4350.576562								
GBPUSDmicro	11-09-18	11:30-11:32	1.30231	36591.45644								

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GBPUSDmicro	11-09-18	13:30-13:32	1.29919	24327.71384								
GBPUSDmicro	11-09-18	15:30-15:32	1.29956	3329.522879								
GBPUSDmicro	12-09-18	09:30-09:32	1.30297	102216.3524								
GBPUSDmicro	12-09-18	11:30-11:32	1.29908	87488.76286								
GBPUSDmicro	12-09-18	13:30-13:32	1.30037	14339.1452								
GBPUSDmicro	12-09-18	15:30-15:32	1.30362	17058.25555								
GBPUSDmicro	13-09-18	09:30-09:32	1.30542	4883.300223								
GBPUSDmicro	13-09-18	11:30-11:32	1.30437	10343.71775								
GBPUSDmicro	13-09-18	13:30-13:32	1.31093	52906.11855								
GBPUSDmicro	13-09-18	15:30-15:32	1.31018	2907.783315								
GBPUSDmicro	14-09-18	09:30-09:32	1.31277	6869.915541								
GBPUSDmicro	14-09-18	11:30-11:32	1.31189	2641.421484								
GBPUSDmicro	14-09-18	13:30-13:32	1.31018	8101.839006								
GBPUSDmicro	14-09-18	15:30-15:32	1.30819	47567.78354								
GBPUSDmicro	17-09-18	09:30-09:32	1.30943	16936.17305								

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GBPUSDmicro	17-09-18	11:30-11:32	1.31097	6170.715736								
GBPUSDmicro	17-09-18	13:30-13:32	1.31471	14705.39272								
GBPUSDmicro	17-09-18	15:30-15:32	1.3138	40653.47436								
GBPUSDmicro	18-09-18	09:30-09:32	1.31245	208583.51								
GBPUSDmicro	18-09-18	11:30-11:32	1.31325	26525.19894								
GBPUSDmicro	18-09-18	13:30-13:32	1.31599	6725.636216								
GBPUSDmicro	18-09-18	15:30-15:32	1.31458	9011.908593								
GBPUSDmicro	19-09-18	09:30-09:32	1.31812	110939.7023								
GBPUSDmicro	19-09-18	11:30-11:32	1.31334	54060.35315								
GBPUSDmicro	19-09-18	13:30-13:32	1.31368	3595.88471								
GBPUSDmicro	19-09-18	15:30-15:32	1.31502	11842.00304								
GBPUSDmicro	20-09-18	09:30-09:32	1.3212	19677.48022								
GBPUSDmicro	20-09-18	11:30-11:32	1.32582	481249.237								
GBPUSDmicro	20-09-18	13:30-13:32	1.32731	5682.385714								
GBPUSDmicro	20-09-18	15:30-15:32	1.32368	135855.6319								

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GBPUSDmicro	21-09-18	09:30-09:32	1.31978	177707.7345								
GBPUSDmicro	21-09-18	11:30-11:32	1.31944	588.2157087								
GBPUSDmicro	21-09-18	13:30-13:32	1.30765	228682.7298								
GBPUSDmicro	21-09-18	15:30-15:32	1.30775	40342.71889								
GBPUSDmicro	24-09-18	09:30-09:32	1.31213	77100.65148								
GBPUSDmicro	24-09-18	11:30-11:32	1.31401	31297.51507								
GBPUSDmicro	24-09-18	13:30-13:32	1.31636	10865.343								
GBPUSDmicro	24-09-18	15:30-15:32	1.31343	332.9522879								
GBPUSDmicro	25-09-18	09:30-09:32	1.3145	4583.643164								
GBPUSDmicro	25-09-18	11:30-11:32	1.3157	5282.842969								
GBPUSDmicro	25-09-18	13:30-13:32	1.31474	46380.25371								
GBPUSDmicro	25-09-18	15:30-15:32	1.3154	24749.4534								
GBPUSDmicro	26-09-18	09:30-09:32	1.31681	5693.484124								
GBPUSDmicro	26-09-18	11:30-11:32	1.31455	665.9045759								
GBPUSDmicro	26-09-18	13:30-13:32	1.31536	5482.614341								

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GBPUSDmicro	26-09-18	15:30-15:32	1.31763	24638.46931								
GBPUSDmicro	27-09-18	09:30-09:32	1.31188	44582.31135								
GBPUSDmicro	27-09-18	11:30-11:32	1.31291	9378.15611								
GBPUSDmicro	27-09-18	13:30-13:32	1.31224	66135.42279								
GBPUSDmicro	27-09-18	15:30-15:32	1.31043	6403.782338								
GBPUSDmicro	28-09-18	09:30-09:32	1.3058	16203.67801								
GBPUSDmicro	28-09-18	11:30-11:32	1.30493	876.7743582								
GBPUSDmicro	28-09-18	13:30-13:32	1.30225	209227.2177								
GBPUSDmicro	28-09-18	15:30-15:32	1.3044	72217.35125								
GBPUSDmini	02-07-18	11:32-13:30			1.31405	02-07-18 11:55	443.9363839	Other	NA	Electronic	1.31387	1.31404
GBPUSDmini	03-07-18	11:32-13:30			1.32056	03-07-18 12:09	443.9363839	Other	NA	Electronic	1.32056	1.32079
GBPUSDmini	04-07-18	15:32-17:30			1.3242	04-07-18 17:08	665.9045759	Other	NA	Electronic	1.3242	1.32471
GBPUSDmini	05-07-18	09:32-11:30			1.32556	05-07-18 09:45	443.9363839	Other	NA	Electronic	1.32556	1.32573
GBPUSDmini	05-07-18	11:32-13:30			1.32178	05-07-18 13:29	443.9363839	Other	NA	Electronic	1.32153	1.32179
GBPUSDmini	09-07-18	13:32-15:30			1.32858	09-07-18 14:07	2219.68192	Other	NA	Electronic	1.32838	1.32858

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GBPUSDmini	09-07-18	15:32-17:30			1.3219	09-07-18 15:58	776.8886719	Other	NA	Electronic	1.32165	1.3219
GBPUSDmini	11-07-18	15:32-17:30			1.32276	11-07-18 16:30	776.8886719	Other	NA	Electronic	1.32251	1.32273
GBPUSDmini	13-07-18	13:32-15:30			1.31709	13-07-18 13:33	2219.68192	Other	NA	Electronic	1.31709	1.31731
GBPUSDmini	24-07-18	11:32-13:30			1.31158	24-07-18 12:59	3329.522879	Other	NA	Electronic	1.31157	1.31181
GBPUSDmini	24-07-18	13:32-15:30			1.31236	24-07-18 13:32	2219.68192	Other	NA	Electronic	1.31236	1.31258
General Dynamics	16-07-18	15:32-17:30			191.83	16-07-18 17:01	1687.010817	Other	NA	Electronic	191.83	192.23
General Dynamics	17-07-18	13:32-15:30			191.26	17-07-18 14:32	1687.010817	Other	NA	Electronic	190.83	191.26
GeneralElec	02-07-18	13:32-15:30			13.33	02-07-18 13:53	468.9121449	Other	NA	Electronic	13.33	13.39
GeneralElec	03-07-18	13:32-15:30			13.38	03-07-18 13:56	941.3420104	Other	NA	Electronic	13.38	13.44
GeneralElec	05-07-18	13:32-15:30			13.2	05-07-18 13:40	1160.847771	Other	NA	Electronic	13.14	13.2
GeneralElec	06-07-18	13:32-15:30			13.57	06-07-18 14:44	118.0195233	Other	NA	Electronic	13.51	13.57
GeneralElec	06-07-18	15:32-17:30			13.7	06-07-18 15:37	361.4457831	Other	NA	Electronic	13.64	13.7
GeneralElec	09-07-18	13:32-15:30			14.01	09-07-18 13:40	235.5113886	Other	NA	Electronic	14.01	14.07
GeneralElec	09-07-18	15:32-17:30			14.06	09-07-18 15:46	233.5766423	Other	NA	Electronic	14.06	14.12
GeneralElec	11-07-18	13:32-15:30			14.1	11-07-18 15:26	145.4577434	Other	NA	Electronic	14.1	14.16

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GeneralElec	11-07-18	15:32-17:30			14.03	11-07-18 16:10	145.4577434	Other	NA	Electronic	14.03	14.09
GeneralElec	13-07-18	13:32-15:30			13.94	13-07-18 13:42	863.0727289	Other	NA	Electronic	13.94	14
GeneralElec	17-07-18	15:30-15:32	13.76	489.3149239								
GeneralElec	19-07-18	15:32-17:30			13.68	19-07-18 16:48	120.3060417	Other	NA	Electronic	13.62	13.68
GeneralElec	20-07-18	13:32-15:30			13.32	20-07-18 13:40	166.3881805	Other	NA	Electronic	13.32	13.38
GeneralElec	20-07-18	15:32-17:30			12.99	20-07-18 15:59	18191.01222	Other	NA	Electronic	12.99	13.05
GeneralElec	23-07-18	13:32-15:30			13.02	23-07-18 14:23	229.0036057	Other	NA	Electronic	12.96	13.02
GeneralElec	24-07-18	13:32-15:30			12.99	24-07-18 13:45	342.7139214	Other	NA	Electronic	12.93	12.99
GeneralElec	24-07-18	15:32-17:30			13.11	24-07-18 16:05	115.2932899	Other	NA	Electronic	13.05	13.11
GeneralElec	27-07-18	13:32-15:30			13.03	27-07-18 14:37	242.3709436	Other	NA	Electronic	13.03	13.09
GeneralElec	30-07-18	13:32-15:30			13.1	30-07-18 13:58	230.4106939	Other	NA	Electronic	13.1	13.16
GeneralElec	31-07-18	13:32-15:30			13.38	31-07-18 14:22	235.3355026	Other	NA	Electronic	13.32	13.38
GeneralElec	01-08-18	13:32-15:30			13.35	01-08-18 13:40	122.768446	Other	NA	Electronic	13.35	13.41
GeneralElec	07-08-18	13:32-15:30			13.05	07-08-18 14:17	114.7656319	Other	NA	Electronic	13.05	13.11
GeneralElec	07-08-18	15:32-17:30			13.2	07-08-18 15:37	116.0847771	Other	NA	Electronic	13.14	13.2

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GeneralElec	08-08-18	13:32-15:30			13.12	08-08-18 13:52	230.7624659	Other	NA	Electronic	13.06	13.12
GeneralElec	08-08-18	15:32-17:30			12.99	08-08-18 16:07	116.0847771	Other	NA	Electronic	12.99	13.05
GeneralElec	13-08-18	13:32-15:30			12.69	13-08-18 14:36	111.5996834	Other	NA	Electronic	12.63	12.69
GeneralElec	14-08-18	13:32-15:30			12.5	14-08-18 13:51	109.9287662	Other	NA	Electronic	12.5	12.56
GeneralElec	15-08-18	13:32-15:30			12.1	15-08-18 15:09	106.4110456	Other	NA	Electronic	12.04	12.1
GeneralElec	20-08-18	13:32-15:30			12.41	20-08-18 14:24	1091.37279	Other	NA	Electronic	12.35	12.41
GeneralElec	20-08-18	15:32-17:30			12.31	20-08-18 17:13	108.2578489	Other	NA	Electronic	12.25	12.31
GeneralElec	21-08-18	13:32-15:30			12.58	21-08-18 14:02	1216.955413	Other	NA	Electronic	12.52	12.58
GeneralElec	21-08-18	15:32-17:30			12.63	21-08-18 17:02	1110.720253	Other	NA	Electronic	12.57	12.63
GeneralElec	22-08-18	13:32-15:30			12.51	22-08-18 13:44	145.4577434	Other	NA	Electronic	12.51	12.57
GeneralElec	23-08-18	13:32-15:30			12.5	23-08-18 13:41	109.9287662	Other	NA	Electronic	12.44	12.5
GeneralElec	23-08-18	15:32-17:30			12.48	23-08-18 16:08	3841.350805	Other	NA	Electronic	12.42	12.48
GeneralElec	27-08-18	13:32-15:30			12.73	27-08-18 14:00	111.9514555	Other	NA	Electronic	12.67	12.73
GeneralElec	28-08-18	13:32-15:30			12.86	28-08-18 14:05	1244.041861	Other	NA	Electronic	12.8	12.86
GeneralElec	29-08-18	13:32-15:30			12.73	29-08-18 13:40	1110.720253	Other	NA	Electronic	12.73	12.79



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GeneralElec	30-08-18	13:32-15:30			12.91	30-08-18 13:40	145.4577434	Other	NA	Electronic	12.91	12.97
GeneralElec	31-08-18	13:32-15:30			12.87	31-08-18 13:56	145.4577434	Other	NA	Electronic	12.87	12.93
GeneralElec	05-09-18	13:32-15:30			12.44	05-09-18 13:53	109.4011081	Other	NA	Electronic	12.38	12.44
GeneralElec	06-09-18	13:32-15:30			12.82	06-09-18 13:40	111.5117404	Other	NA	Electronic	12.76	12.82
GeneralElec	07-09-18	13:32-15:30			12.36	07-09-18 13:53	108.697564	Other	NA	Electronic	12.3	12.36
GeneralElec	11-09-18	13:32-15:30			12.31	11-09-18 14:07	324.7735467	Other	NA	Electronic	12.25	12.31
GeneralElec	13-09-18	15:32-17:30			12.7	13-09-18 17:02	559.7572773	Other	NA	Electronic	12.64	12.7
GeneralElec	14-09-18	13:32-15:30			12.49	14-09-18 13:40	43936.32926	Other	NA	Electronic	12.43	12.49
GeneralElec	18-09-18	13:32-15:30			12.62	18-09-18 14:53	110.9840823	Other	NA	Electronic	12.56	12.62
GeneralElec	19-09-18	13:32-15:30			12.92	19-09-18 15:08	113.6223727	Other	NA	Electronic	12.86	12.92
GeneralElec	21-09-18	13:32-15:30			12.43	21-09-18 14:38	109.3131651	Other	NA	Electronic	12.37	12.43
GeneralElec	24-09-18	13:32-15:30			11.88	24-09-18 13:40	43936.32926	Other	NA	Electronic	11.88	11.94
GeneralElec	24-09-18	15:32-17:30			11.73	24-09-18 17:08	103.1571542	Other	NA	Electronic	11.67	11.73
GeneralElec	25-09-18	13:32-15:30			11.49	25-09-18 14:27	110.9840823	Other	NA	Electronic	11.49	11.55
GeneralElec	25-09-18	15:30-15:32	11.48	100.9585788								

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GeneralElec	27-09-18	13:32-15:30			11.72	27-09-18 14:39	103.3330402	Other	NA	Electronic	11.66	11.72
GeneralElec	27-09-18	15:32-17:30			11.76	27-09-18 16:49	198.9270952	Other	NA	Electronic	11.7	11.76
General Mills	25-09-18	15:32-17:30			43.78	25-09-18 17:21	385.0145106	Other	NA	Electronic	43.71	43.78
GeneralMot	02-07-18	13:32-15:30			39.1	02-07-18 13:40	354.6741711	Other	NA	Electronic	39.1	39.16
GeneralMot	05-07-18	13:32-15:30			39.7	05-07-18 13:44	349.1337613	Other	NA	Electronic	39.64	39.7
GeneralMot	06-07-18	13:32-15:30			39.03	06-07-18 13:40	349.1337613	Other	NA	Electronic	39.03	39.09
GeneralMot	11-07-18	13:32-15:30			39.45	11-07-18 13:40	346.935186	Other	NA	Electronic	39.39	39.45
GeneralMot	13-07-18	13:32-15:30			39.27	13-07-18 15:15	345.3522118	Other	NA	Electronic	39.21	39.27
GeneralMot	23-07-18	15:32-17:30			39.07	23-07-18 15:35	343.5933515	Other	NA	Electronic	39.01	39.07
GeneralMot	24-07-18	15:32-17:30			39.57	24-07-18 16:46	345.3522118	Other	NA	Electronic	39.57	39.63
GeneralMot	25-07-18	13:32-15:30			36.9	25-07-18 13:40	352.8273679	Other	NA	Electronic	36.9	36.98
GeneralMot	26-07-18	13:32-15:30			37.16	26-07-18 14:28	653.5924721	Other	NA	Electronic	37.1	37.16
GeneralMot	27-07-18	15:32-17:30			37.27	27-07-18 15:40	653.5924721	Other	NA	Electronic	37.27	37.33
GeneralMot	31-07-18	13:32-15:30			38.1	31-07-18 14:19	335.0628793	Other	NA	Electronic	38.04	38.1
GeneralMot	01-08-18	13:32-15:30			37.4	01-08-18 13:40	1734.67593	Other	NA	Electronic	37.4	37.46

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GeneralMot	02-08-18	15:32-17:30			36.43	02-08-18 15:50	322.4870284	Other	NA	Electronic	36.43	36.49
GeneralMot	15-08-18	13:32-15:30			35.38	15-08-18 14:57	335.0628793	Other	NA	Electronic	35.38	35.44
GeneralMot	17-08-18	15:32-17:30			36.02	17-08-18 16:16	316.7707326	Other	NA	Electronic	36.02	36.08
GeneralMot	20-08-18	15:32-17:30			36.88	20-08-18 16:45	324.3338317	Other	NA	Electronic	36.82	36.88
GeneralMot	27-08-18	13:32-15:30			36.98	27-08-18 13:53	358.7195497	Other	NA	Electronic	36.98	37.05
GeneralMot	29-08-18	13:32-15:30			36.91	29-08-18 13:40	366.2826488	Other	NA	Electronic	36.91	36.98
GeneralMot	30-08-18	13:32-15:30			36.63	30-08-18 14:11	366.2826488	Other	NA	Electronic	36.63	36.69
GeneralMot	25-09-18	15:30-15:32	34.12	300.0615601								
GeneralMot	28-09-18	13:32-15:30			33.47	28-09-18 14:13	294.3452643	Other	NA	Electronic	33.41	33.47
GER30Cash	02-07-18	09:30-09:32	12,243.21	357537.42								
GER30Cash	02-07-18	11:30-11:32	12,267.90	195083.59								
GER30Cash	02-07-18	13:30-13:32	12,235.06	330419.93								
GER30Cash	02-07-18	15:30-15:32	12,243.42	359945.48								
GER30Cash	03-07-18	09:30-09:32	12,348.91	87686.58								
GER30Cash	03-07-18	11:30-11:32	12,397.99	184754								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GER30Cash	03-07-18	13:30-13:32	12,384.75	28476.03								
GER30Cash	03-07-18	15:30-15:32	12,343.94	65485.44								
GER30Cash	04-07-18	09:30-09:32	12,334.25	24663								
GER30Cash	04-07-18	11:30-11:32	12,340.17	11095.89								
GER30Cash	04-07-18	13:30-13:32	12,311.96	296812.2								
GER30Cash	04-07-18	15:30-15:32	12,318.03	15997.01								
GER30Cash	05-07-18	09:30-09:32	12,439.74	190378.53								
GER30Cash	05-07-18	11:30-11:32	12,505.48	47513.58								
GER30Cash	05-07-18	13:30-13:32	12,466.74	392818.15								
GER30Cash	05-07-18	15:30-15:32	12,465.72	240438.1								
GER30Cash	06-07-18	09:30-09:32	12,487.91	188534.05								
GER30Cash	06-07-18	11:30-11:32	12,459.27	276592.5								
GER30Cash	06-07-18	13:30-13:32	12,436.90	62232.15								
GER30Cash	06-07-18	15:30-15:32	12,496.04	535464.78								
GER30Cash	09-07-18	09:30-09:32	12,516.87	37544.4								

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GER30Cash	09-07-18	11:30-11:32	12,496.90	68745.6								
GER30Cash	09-07-18	13:30-13:32	12,521.75	210292.41								
GER30Cash	09-07-18	15:30-15:32	12,550.22	366321.78								
GER30Cash	10-07-18	09:30-09:32	12,554.00	133029								
GER30Cash	10-07-18	11:30-11:32	12,627.27	121199.69								
GER30Cash	10-07-18	13:30-13:32	12,609.42	35298.55								
GER30Cash	10-07-18	15:30-15:32	12,612.78	129913.41								
GER30Cash	11-07-18	09:30-09:32	12,458.00	52319.7								
GER30Cash	11-07-18	11:30-11:32	12,441.38	64716.63								
GER30Cash	11-07-18	13:30-13:32	12,413.80	169476.33								
GER30Cash	11-07-18	15:30-15:32	12,428.72	161610.9								
GER30Cash	12-07-18	09:30-09:32	12,458.50	87216.5								
GER30Cash	12-07-18	11:30-11:32	12,496.14	101220.15								
GER30Cash	12-07-18	13:30-13:32	12,449.99	64752.28								
GER30Cash	12-07-18	15:30-15:32	12,496.97	137356.14								

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GER30Cash	13-07-18	09:30-09:32	12,507.76	137719.3								
GER30Cash	13-07-18	11:30-11:32	12,530.93	136583.13								
GER30Cash	13-07-18	13:30-13:32	12,546.50	62732.5								
GER30Cash	13-07-18	15:30-15:32	12,547.16	96512.9								
GER30Cash	16-07-18	09:30-09:32	12,561.26	97963.48								
GER30Cash	16-07-18	11:30-11:32	12,514.22	381943.22								
GER30Cash	16-07-18	13:30-13:32	12,568.08	272626.72								
GER30Cash	16-07-18	15:30-15:32	12,576.62	45248.5								
GER30Cash	17-07-18	09:30-09:32	12,578.29	66663.75								
GER30Cash	17-07-18	11:30-11:32	12,546.75	23834.95								
GER30Cash	17-07-18	13:30-13:32	12,558.12	305088.75								
GER30Cash	17-07-18	15:30-15:32	12,673.31	126731.25								
GER30Cash	18-07-18	09:30-09:32	12,761.66	77811.63								
GER30Cash	18-07-18	11:30-11:32	12,745.50	25491								
GER30Cash	18-07-18	13:30-13:32	12,761.35	186248.25								

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GER30Cash	18-07-18	15:30-15:32	12,765.17	89334								
GER30Cash	19-07-18	09:30-09:32	12,732.47	179479.45								
GER30Cash	19-07-18	11:30-11:32	12,715.17	128407.45								
GER30Cash	19-07-18	13:30-13:32	12,691.61	40592.27								
GER30Cash	19-07-18	15:30-15:32	12,681.74	112926.48								
GER30Cash	20-07-18	09:30-09:32	12,684.80	168891.15								
GER30Cash	20-07-18	11:30-11:32	12,621.27	76982.08								
GER30Cash	20-07-18	13:30-13:32	12,489.96	381105.01								
GER30Cash	20-07-18	15:30-15:32	12,578.91	374221.65								
GER30Cash	23-07-18	09:30-09:32	12,544.73	63894.92								
GER30Cash	23-07-18	11:30-11:32	12,519.10	100173.96								
GER30Cash	23-07-18	13:30-13:32	12,543.33	8779.7								
GER30Cash	23-07-18	15:30-15:32	12,550.06	227143.85								
GER30Cash	24-07-18	09:30-09:32	12,730.23	293033.7								
GER30Cash	24-07-18	11:30-11:32	12,710.18	167918.85								

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GER30Cash	24-07-18	13:30-13:32	12,731.52	78955.44								
GER30Cash	24-07-18	15:30-15:32	12,702.29	276918.44								
GER30Cash	25-07-18	09:30-09:32	12,660.68	31644.98								
GER30Cash	25-07-18	11:30-11:32	12,610.50	1081968.97								
GER30Cash	25-07-18	13:30-13:32	12,620.00	18929.5								
GER30Cash	25-07-18	15:30-15:32	12,565.60	138922.6								
GER30Cash	26-07-18	09:30-09:32	12,759.26	40821.45								
GER30Cash	26-07-18	11:30-11:32	12,723.23	111938.85								
GER30Cash	26-07-18	13:30-13:32	12,789.74	1248876.3								
GER30Cash	26-07-18	15:30-15:32	12,819.58	179479.3								
GER30Cash	27-07-18	09:30-09:32	12,857.99	259352.06								
GER30Cash	27-07-18	11:30-11:32	12,870.35	43767.12								
GER30Cash	27-07-18	13:30-13:32	12,863.26	280486.74								
GER30Cash	27-07-18	15:30-15:32	12,866.71	1052502.38								
GER30Cash	30-07-18	09:30-09:32	12,821.20	56430.9								



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GER30Cash	30-07-18	11:30-11:32	12,838.57	120651.22								
GER30Cash	30-07-18	13:30-13:32	12,833.65	39783.05								
GER30Cash	30-07-18	15:30-15:32	12,805.81	119104.7								
GER30Cash	31-07-18	09:30-09:32	12,783.98	103563.55								
GER30Cash	31-07-18	11:30-11:32	12,785.79	89524.5								
GER30Cash	31-07-18	13:30-13:32	12,812.00	285677.16								
GER30Cash	31-07-18	15:30-15:32	12,821.97	55158.91								
GER30Cash	01-08-18	09:30-09:32	12,758.79	51790.03								
GER30Cash	01-08-18	11:30-11:32	12,771.50	56185.08								
GER30Cash	01-08-18	13:30-13:32	12,742.30	70084.35								
GER30Cash	01-08-18	15:30-15:32	12,738.80	3821.64								
GER30Cash	02-08-18	09:30-09:32	12,513.34	98893.56								
GER30Cash	02-08-18	11:30-11:32	12,541.83	12647.06								
GER30Cash	02-08-18	13:30-13:32	12,533.17	15035.15								
GER30Cash	02-08-18	15:30-15:32	12,542.80	10034.24								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	03-08-18	09:30-09:32	12,619.21	297541.2								
GER30Cash	03-08-18	11:30-11:32	12,619.40	2523.88								
GER30Cash	03-08-18	13:30-13:32	12,602.50	71873.65								
GER30Cash	03-08-18	15:30-15:32	12,613.75	25227.5								
GER30Cash	06-08-18	09:30-09:32	12,568.83	8797.55								
GER30Cash	06-08-18	11:30-11:32	12,682.55	97686.15								
GER30Cash	06-08-18	13:30-13:32	12,569.27	100630.8								
GER30Cash	06-08-18	15:30-15:32	12,588.30	1258.83								
GER30Cash	07-08-18	09:30-09:32	12,703.99	223513.59								
GER30Cash	07-08-18	11:30-11:32	12,709.10	19066.03								
GER30Cash	07-08-18	13:30-13:32	12,705.95	41933.46								
GER30Cash	07-08-18	15:30-15:32	12,661.31	111406.84								
GER30Cash	08-08-18	09:30-09:32	12,621.15	7578.4								
GER30Cash	08-08-18	11:30-11:32	12,694.70	116750.26								
GER30Cash	08-08-18	13:30-13:32	12,642.20	180777.74								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	08-08-18	15:30-15:32	12,634.12	116280.06								
GER30Cash	09-08-18	09:30-09:32	12,632.58	51842.15								
GER30Cash	09-08-18	11:30-11:32	12,607.82	172656.68								
GER30Cash	09-08-18	13:30-13:32	12,678.90	76080								
GER30Cash	09-08-18	15:30-15:32	12,669.30	12669.3								
GER30Cash	10-08-18	09:30-09:32	12,469.63	28682.15								
GER30Cash	10-08-18	11:32-13:30			12,464.50	10-08-18 11:33	12464.5	Other	NA	Electronic	12,464.50	12,466.50
GER30Cash	10-08-18	13:30-13:32	12,433.18	178210.5								
GER30Cash	10-08-18	15:30-15:32	12,420.38	40992.64								
GER30Cash	13-08-18	09:30-09:32	12,370.57	165664.38								
GER30Cash	13-08-18	11:30-11:32	12,343.00	1235.28								
GER30Cash	13-08-18	13:32-15:30			12,368.80	13-08-18 13:33	12367.5	Other	NA	Electronic	12,368.80	12,370.80
GER30Cash	13-08-18	15:30-15:32	12,374.65	49506								
GER30Cash	14-08-18	09:30-09:32	12,394.25	24800								
GER30Cash	14-08-18	11:30-11:32	12,374.38	30932								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	14-08-18	13:30-13:32	12,356.00	135978.5								
GER30Cash	14-08-18	15:30-15:32	12,367.87	14840.63								
GER30Cash	15-08-18	09:30-09:32	12,376.77	37131.1								
GER30Cash	15-08-18	11:30-11:32	12,226.22	932103.13								
GER30Cash	15-08-18	13:30-13:32	12,215.53	110016.15								
GER30Cash	15-08-18	15:30-15:32	12,128.60	132216.29								
GER30Cash	16-08-18	09:32-11:30			12,201.50	16-08-18 09:32	1219.55	Other	NA	Electronic	12,199.50	12,201.50
GER30Cash	16-08-18	11:30-11:32	12,216.75	3665.15								
GER30Cash	16-08-18	13:30-13:32	12,187.67	17061.45								
GER30Cash	16-08-18	15:30-15:32	12,243.10	151802.58								
GER30Cash	17-08-18	09:30-09:32	12,211.67	50095.95								
GER30Cash	17-08-18	11:30-11:32	12,182.38	60925.5								
GER30Cash	17-08-18	13:30-13:32	12,154.30	1214.65								
GER30Cash	17-08-18	15:30-15:32	12,202.15	30517.25								
GER30Cash	20-08-18	09:30-09:32	12,336.15	76478.4								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	20-08-18	11:30-11:32	12,321.80	50531.08								
GER30Cash	20-08-18	13:30-13:32	12,340.64	29618.11								
GER30Cash	20-08-18	15:30-15:32	12,332.48	92543.2								
GER30Cash	21-08-18	09:30-09:32	12,412.33	38374.63								
GER30Cash	21-08-18	11:30-11:32	12,404.33	4962.6								
GER30Cash	21-08-18	13:30-13:32	12,423.48	29818.09								
GER30Cash	21-08-18	15:30-15:32	12,379.17	60706.01								
GER30Cash	22-08-18	09:30-09:32	12,384.80	12384.8								
GER30Cash	22-08-18	11:30-11:32	12,414.35	75705.15								
GER30Cash	22-08-18	13:30-13:32	12,377.08	49525.3								
GER30Cash	22-08-18	15:30-15:32	12,393.43	94157.68								
GER30Cash	23-08-18	09:30-09:32	12,381.59	143613.55								
GER30Cash	23-08-18	11:30-11:32	12,372.90	13610.73								
GER30Cash	23-08-18	13:30-13:32	12,369.25	13607.3								
GER30Cash	23-08-18	15:30-15:32	12,370.75	24741.3								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	24-08-18	09:30-09:32	12,370.38	80537.85								
GER30Cash	24-08-18	11:30-11:32	12,392.75	19825.7								
GER30Cash	24-08-18	13:30-13:32	12,377.60	25973.4								
GER30Cash	24-08-18	15:30-15:32	12,397.50	12397.5								
GER30Cash	27-08-18	09:30-09:32	12,456.40	41105.15								
GER30Cash	27-08-18	11:30-11:32	12,454.00	1245.4								
GER30Cash	27-08-18	13:30-13:32	12,487.67	37463								
GER30Cash	27-08-18	15:30-15:32	12,546.50	1254.65								
GER30Cash	28-08-18	09:30-09:32	12,563.50	251270								
GER30Cash	28-08-18	11:30-11:32	12,552.15	15064.4								
GER30Cash	28-08-18	13:30-13:32	12,556.27	53981.06								
GER30Cash	28-08-18	15:32-17:30			12,546.00	28-08-18 15:33	25100	Other	NA	Electronic	12,544.00	12,546.00
GER30Cash	29-08-18	09:30-09:32	12,518.85	91462.06								
GER30Cash	29-08-18	11:30-11:32	12,546.50	6273.25								
GER30Cash	29-08-18	13:30-13:32	12,529.08	40092.1								

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GER30Cash	29-08-18	15:30-15:32	12,563.00	65199.73								
GER30Cash	30-08-18	09:30-09:32	12,427.20	55908								
GER30Cash	30-08-18	11:30-11:32	12,512.50	1251.25								
GER30Cash	30-08-18	13:30-13:32	12,488.70	17479.23								
GER30Cash	30-08-18	15:30-15:32	12,499.95	163796.6								
GER30Cash	31-08-18	09:30-09:32	12,381.74	71828.5								
GER30Cash	31-08-18	11:30-11:32	12,391.90	14881.96								
GER30Cash	31-08-18	13:30-13:32	12,386.45	49537								
GER30Cash	31-08-18	15:30-15:32	12,368.20	89081.56								
GER30Cash	03-09-18	09:32-11:30			12,327.50	03-09-18 09:35	4929.4	Other	NA	Electronic	12,327.50	12,329.50
GER30Cash	03-09-18	11:32-13:30			12,345.30	03-09-18 11:32	12345.3	Other	NA	Electronic	12,343.30	12,345.30
GER30Cash	03-09-18	13:30-13:32	12,322.16	140448.5								
GER30Cash	03-09-18	15:30-15:32	12,343.37	123356.9								
GER30Cash	04-09-18	09:30-09:32	12,247.51	195968.42								
GER30Cash	04-09-18	11:30-11:32	12,200.56	242846.41								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	04-09-18	13:30-13:32	12,195.80	243550								
GER30Cash	04-09-18	15:30-15:32	12,208.31	162399.11								
GER30Cash	05-09-18	09:30-09:32	12,087.07	74942								
GER30Cash	05-09-18	11:30-11:32	12,142.32	30366.75								
GER30Cash	05-09-18	13:30-13:32	12,121.35	121194.1								
GER30Cash	05-09-18	15:30-15:32	12,045.74	213223.79								
GER30Cash	06-09-18	09:30-09:32	12,073.33	27765.53								
GER30Cash	06-09-18	11:30-11:32	12,058.35	18084.38								
GER30Cash	06-09-18	13:30-13:32	12,031.94	117898.34								
GER30Cash	06-09-18	15:30-15:32	11,954.20	15585.23								
GER30Cash	07-09-18	09:30-09:32	11,931.60	329508.77								
GER30Cash	07-09-18	11:32-13:30			11,925.50	07-09-18 11:32	11926.5	Other	NA	Electronic	11,923.50	11,925.50
GER30Cash	07-09-18	13:30-13:32	11,914.00	25006.35								
GER30Cash	07-09-18	15:30-15:32	11,948.77	60923.44								
GER30Cash	10-09-18	09:30-09:32	11,970.40	131697.8								



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30Cash	10-09-18	11:30-11:32	12,009.03	103119.89								
GER30Cash	10-09-18	13:32-15:30			12,000.30	10-09-18 13:32	60009	Other	NA	Electronic	11,998.50	12,000.50
GER30Cash	10-09-18	15:30-15:32	11,992.45	110309.4								
GER30Cash	11-09-18	09:30-09:32	11,888.90	10708.31								
GER30Cash	11-09-18	11:30-11:32	11,897.00	1189.7								
GER30Cash	11-09-18	13:32-15:30			11,900.30	11-09-18 13:32	1190.03	Other	NA	Electronic	11,900.30	11,902.30
GER30Cash	11-09-18	15:30-15:32	11,968.90	21518.48								
GER30Cash	12-09-18	09:30-09:32	11,994.99	248309.88								
GER30Cash	12-09-18	11:30-11:32	11,992.42	165514.08								
GER30Cash	12-09-18	13:30-13:32	11,994.33	76773.7								
GER30Cash	12-09-18	15:30-15:32	12,044.33	62472								
GER30Cash	13-09-18	09:30-09:32	12,083.00	49544.38								
GER30Cash	13-09-18	11:30-11:32	12,115.54	130845.26								
GER30Cash	13-09-18	13:30-13:32	12,085.07	74965.15								
GER30Cash	13-09-18	15:30-15:32	12,060.58	26533.88								

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GER30Cash	14-09-18	09:30-09:32	12,095.43	27822.65								
GER30Cash	14-09-18	11:30-11:32	12,075.58	159574.06								
GER30Cash	14-09-18	13:30-13:32	12,113.30	3633.44								
GER30Cash	14-09-18	15:30-15:32	12,133.83	35180.3								
GER30Cash	17-09-18	09:30-09:32	12,069.28	504472.57								
GER30Cash	17-09-18	11:30-11:32	12,091.27	49488.15								
GER30Cash	17-09-18	13:30-13:32	12,093.40	36277.7								
GER30Cash	17-09-18	15:30-15:32	12,102.60	25413.13								
GER30Cash	18-09-18	09:30-09:32	12,149.24	81405.05								
GER30Cash	18-09-18	11:30-11:32	12,115.82	86021.68								
GER30Cash	18-09-18	13:30-13:32	12,086.34	155945.35								
GER30Cash	18-09-18	15:30-15:32	12,145.63	72868.3								
GER30Cash	19-09-18	09:30-09:32	12,180.80	31671.5								
GER30Cash	19-09-18	11:30-11:32	12,178.50	1217.85								
GER30Cash	19-09-18	13:30-13:32	12,185.78	38997.13								

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GER30Cash	19-09-18	15:30-15:32	12,221.18	30553.37								
GER30Cash	20-09-18	09:30-09:32	12,260.02	19604.94								
GER30Cash	20-09-18	11:30-11:32	12,285.30	122853								
GER30Cash	20-09-18	13:30-13:32	12,345.53	39496.25								
GER30Cash	20-09-18	15:30-15:32	12,336.64	102369.14								
GER30Cash	21-09-18	09:30-09:32	12,389.61	98191.09								
GER30Cash	21-09-18	11:30-11:32	12,380.00	48315.15								
GER30Cash	21-09-18	13:30-13:32	12,402.91	612799.99								
GER30Cash	21-09-18	15:30-15:32	12,415.10	18620.06								
GER30Cash	24-09-18	09:30-09:32	12,384.70	35918.25								
GER30Cash	24-09-18	11:30-11:32	12,390.30	12390.3								
GER30Cash	24-09-18	13:30-13:32	12,356.22	143411.92								
GER30Cash	24-09-18	15:30-15:32	12,356.65	24714.3								
GER30Cash	25-09-18	09:30-09:32	12,375.00	4947								
GER30Cash	25-09-18	11:30-11:32	12,383.40	261294.33								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GER30Cash	25-09-18	13:30-13:32	12,363.75	30922.87								
GER30Cash	25-09-18	15:30-15:32	12,380.06	96526.58								
GER30Cash	26-09-18	09:32-11:30			12,357.30	26-09-18 09:38	12344.5	Other	NA	Electronic	12,357.30	12,359.30
GER30Cash	26-09-18	11:30-11:32	12,350.00	12350								
GER30Cash	26-09-18	13:30-13:32	12,340.37	69098.48								
GER30Cash	26-09-18	15:30-15:32	12,389.48	148635.91								
GER30Cash	27-09-18	09:30-09:32	12,334.50	37003.8								
GER30Cash	27-09-18	11:30-11:32	12,376.77	37123.1								
GER30Cash	27-09-18	13:30-13:32	12,411.50	4971								
GER30Cash	27-09-18	15:30-15:32	12,443.14	218904.6								
GER30Cash	28-09-18	09:30-09:32	12,351.20	60469.7								
GER30Cash	28-09-18	11:30-11:32	12,249.80	240076.6								
GER30Cash	28-09-18	13:30-13:32	12,225.73	386270.7								
GER30Cash	28-09-18	15:30-15:32	12,258.40	14707.6								
GER30-DEC18	20-09-18	09:32-11:30			12,261.50	20-09-18 11:21	122615	Other	NA	Electronic	12,261.50	12,265.50

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GER30-DEC18	20-09-18	11:32-13:30			12,321.50	20-09-18 13:07	122615	Other	NA	Electronic	12,317.50	12,321.50
GER30-DEC18	20-09-18	13:32-15:30			12,316.50	20-09-18 13:44	3694.95	Other	NA	Electronic	12,312.50	12,316.50
GER30-DEC18	20-09-18	15:32-17:30			12,328.50	20-09-18 16:35	6164.25	Other	NA	Electronic	12,324.50	12,328.50
GER30-DEC18	21-09-18	09:32-11:30			12,386.50	21-09-18 09:45	1238.25	Other	NA	Electronic	12,386.50	12,390.50
GER30-DEC18	21-09-18	11:32-13:30			12,369.50	21-09-18 11:37	24739	Other	NA	Electronic	12,365.50	12,369.50
GER30-DEC18	21-09-18	13:32-15:30			12,360.50	21-09-18 14:21	24739	Other	NA	Electronic	12,360.50	12,364.50
GER30-DEC18	21-09-18	15:32-17:30			12,406.50	21-09-18 15:34	12406.5	Other	NA	Electronic	12,406.50	12,410.50
GER30-DEC18	24-09-18	09:32-11:30			12,369.50	24-09-18 09:40	12375.5	Other	NA	Electronic	12,365.50	12,369.50
GER30-DEC18	24-09-18	11:32-13:30			12,383.50	24-09-18 11:42	1238.35	Other	NA	Electronic	12,379.50	12,383.50
GER30-DEC18	24-09-18	13:32-15:30			12,350.50	24-09-18 13:37	1234.75	Other	NA	Electronic	12,350.50	12,354.50
GER30-DEC18	24-09-18	15:32-17:30			12,336.50	24-09-18 16:08	12336.5	Other	NA	Electronic	12,332.50	12,336.50
GER30-DEC18	25-09-18	09:32-11:30			12,357.50	25-09-18 09:34	12346.5	Other	NA	Electronic	12,353.50	12,357.50
GER30-DEC18	25-09-18	11:32-13:30			12,369.50	25-09-18 11:34	1236.95	Other	NA	Electronic	12,365.50	12,369.50
GER30-DEC18	25-09-18	13:32-15:30			12,357.50	25-09-18 13:32	12357.5	Other	NA	Electronic	12,353.50	12,357.50
GER30-DEC18	25-09-18	15:32-17:30			12,361.50	25-09-18 15:43	12361.5	Other	NA	Electronic	12,357.50	12,361.50

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30-DEC18	26-09-18	09:32-11:30			12,340.50	26-09-18 10:09	1234.45	Other	NA	Electronic	12,336.50	12,340.50
GER30-DEC18	26-09-18	11:32-13:30			12,325.50	26-09-18 11:53	1235.55	Other	NA	Electronic	12,324.50	12,328.50
GER30-DEC18	26-09-18	13:32-15:30			12,336.50	26-09-18 13:50	1233.65	Other	NA	Electronic	12,332.50	12,336.50
GER30-DEC18	26-09-18	15:32-17:30			12,373.50	26-09-18 15:48	1234.45	Other	NA	Electronic	12,373.50	12,377.50
GER30-DEC18	27-09-18	09:32-11:30			12,317.50	27-09-18 09:35	12317.5	Other	NA	Electronic	12,317.50	12,321.50
GER30-DEC18	27-09-18	11:32-13:30			12,362.50	27-09-18 11:34	185437.5	Other	NA	Electronic	12,362.50	12,366.50
GER30-DEC18	27-09-18	13:30-13:32	12,400.50	6167.75								
GER30-DEC18	27-09-18	15:32-17:30			12,430.50	27-09-18 15:38	1243.05	Other	NA	Electronic	12,430.50	12,434.50
GER30-DEC18	28-09-18	09:32-11:30			12,338.50	28-09-18 09:36	160790.5	Other	NA	Electronic	12,334.50	12,338.50
GER30-DEC18	28-09-18	11:32-13:30			12,232.50	28-09-18 11:32	24465	Other	NA	Electronic	12,228.50	12,232.50
GER30-DEC18	28-09-18	13:30-13:32	12,214.50	61129.5								
GER30-DEC18	28-09-18	15:32-17:30			12,237.50	28-09-18 15:34	12237.5	Other	NA	Electronic	12,233.50	12,237.50
GER30-SEP18	02-07-18	09:30-09:32	12,228.50	61142.5								
GER30-SEP18	02-07-18	11:32-13:30			12,249.50	02-07-18 11:33	12263.5	Other	NA	Electronic	12,245.50	12,249.50
GER30-SEP18	02-07-18	13:30-13:32	12,217.50	26885.3								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GER30-SEP18	02-07-18	15:30-15:32	12,225.50	294610.65								
GER30-SEP18	03-07-18	09:32-11:30			12,350.50	03-07-18 09:33	24701	Other	NA	Electronic	12,346.50	12,350.50
GER30-SEP18	03-07-18	11:32-13:30			12,391.50	03-07-18 11:34	12391.5	Other	NA	Electronic	12,387.50	12,391.50
GER30-SEP18	03-07-18	13:32-15:30			12,357.50	03-07-18 13:38	12357.5	Other	NA	Electronic	12,357.50	12,361.50
GER30-SEP18	03-07-18	15:32-17:30			12,336.50	03-07-18 15:35	12336.5	Other	NA	Electronic	12,336.50	12,340.50
GER30-SEP18	04-07-18	09:32-11:30			12,332.50	04-07-18 09:39	1229.25	Other	NA	Electronic	12,332.50	12,336.50
GER30-SEP18	04-07-18	11:32-13:30			12,318.50	04-07-18 11:34	12322.5	Other	NA	Electronic	12,314.50	12,318.50
GER30-SEP18	04-07-18	13:30-13:32	12,299.50	12299.5								
GER30-SEP18	04-07-18	15:32-17:30			12,304.50	04-07-18 15:32	1230.45	Other	NA	Electronic	12,304.50	12,308.50
GER30-SEP18	05-07-18	09:32-11:30			12,422.50	05-07-18 09:32	12422.5	Other	NA	Electronic	12,418.50	12,422.50
GER30-SEP18	05-07-18	11:32-13:30			12,498.50	05-07-18 11:36	12498.5	Other	NA	Electronic	12,494.50	12,498.50
GER30-SEP18	05-07-18	13:32-15:30			12,447.50	05-07-18 13:32	12447.5	Other	NA	Electronic	12,447.50	12,451.50
GER30-SEP18	05-07-18	15:32-17:30			12,452.50	05-07-18 15:33	12420.5	Other	NA	Electronic	12,452.50	12,456.50
GER30-SEP18	06-07-18	09:32-11:30			12,474.50	06-07-18 09:32	1247.45	Other	NA	Electronic	12,470.50	12,474.50
GER30-SEP18	06-07-18	11:30-11:32	12,448.00	24935								

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GER30-SEP18	06-07-18	13:30-13:32	12,426.50	12430.5								
GER30-SEP18	06-07-18	15:30-15:32	12,484.50	12470.5								
GER30-SEP18	09-07-18	09:32-11:30			12,507.50	09-07-18 09:35	12507.5	Other	NA	Electronic	12,503.50	12,507.50
GER30-SEP18	09-07-18	11:32-13:30			12,479.50	09-07-18 11:37	12479.5	Other	NA	Electronic	12,475.50	12,479.50
GER30-SEP18	09-07-18	13:32-15:30			12,512.50	09-07-18 13:35	12504.5	Other	NA	Electronic	12,512.50	12,516.50
GER30-SEP18	09-07-18	15:30-15:32	12,539.17	150486								
GER30-SEP18	10-07-18	09:32-11:30			12,550.50	10-07-18 09:48	1253.85	Other	NA	Electronic	12,546.50	12,550.50
GER30-SEP18	10-07-18	11:32-13:30			12,620.50	10-07-18 11:32	1253.55	Other	NA	Electronic	12,616.50	12,620.50
GER30-SEP18	10-07-18	13:30-13:32	12,596.50	302316								
GER30-SEP18	10-07-18	15:30-15:32	12,601.50	6361.25								
GER30-SEP18	11-07-18	09:32-11:30			12,429.50	11-07-18 09:35	6214.75	Other	NA	Electronic	12,429.50	12,433.50
GER30-SEP18	11-07-18	11:32-13:30			12,432.50	11-07-18 11:36	12432.5	Other	NA	Electronic	12,428.50	12,432.50
GER30-SEP18	11-07-18	13:32-15:30			12,414.50	11-07-18 13:33	62072.5	Other	NA	Electronic	12,410.50	12,414.50
GER30-SEP18	11-07-18	15:30-15:32	12,415.17	14908.4								
GER30-SEP18	12-07-18	09:32-11:30			12,441.50	12-07-18 10:00	1244.55	Other	NA	Electronic	12,437.50	12,441.50



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GER30-SEP18	12-07-18	11:32-13:30			12,481.50	12-07-18 11:32	6240.75	Other	NA	Electronic	12,481.50	12,485.50
GER30-SEP18	12-07-18	13:30-13:32	12,435.50	6217.75								
GER30-SEP18	12-07-18	15:30-15:32	12,482.83	26185.45								
GER30-SEP18	13-07-18	09:30-09:32	12,494.00	74966								
GER30-SEP18	13-07-18	11:30-11:32	12,517.50	12508.5								
GER30-SEP18	13-07-18	13:32-15:30			12,541.50	13-07-18 13:33	12541.5	Other	NA	Electronic	12,541.50	12,545.50
GER30-SEP18	13-07-18	15:32-17:30			12,528.50	13-07-18 15:35	12530.5	Other	NA	Electronic	12,524.50	12,528.50
GER30-SEP18	16-07-18	09:30-09:32	12,549.00	25098								
GER30-SEP18	16-07-18	11:30-11:32	12,500.17	68892.25								
GER30-SEP18	16-07-18	13:32-15:30			12,548.50	16-07-18 13:41	12548.5	Other	NA	Electronic	12,544.50	12,548.50
GER30-SEP18	16-07-18	15:32-17:30			12,549.50	16-07-18 15:34	12561.5	Other	NA	Electronic	12,545.50	12,549.50
GER30-SEP18	17-07-18	09:32-11:30			12,565.50	17-07-18 09:32	12565.5	Other	NA	Electronic	12,561.50	12,565.50
GER30-SEP18	17-07-18	11:30-11:32	12,535.00	7517								
GER30-SEP18	17-07-18	13:32-15:30			12,552.50	17-07-18 13:35	25105	Other	NA	Electronic	12,548.50	12,552.50
GER30-SEP18	17-07-18	15:32-17:30			12,659.50	17-07-18 15:33	12659.5	Other	NA	Electronic	12,655.50	12,659.50

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GER30-SEP18	18-07-18	09:32-11:30			12,747.50	18-07-18 09:47	3821.85	Other	NA	Electronic	12,743.50	12,747.50
GER30-SEP18	18-07-18	11:32-13:30			12,744.50	18-07-18 11:40	12744.5	Other	NA	Electronic	12,740.50	12,744.50
GER30-SEP18	18-07-18	13:30-13:32	12,748.50	2550.5								
GER30-SEP18	18-07-18	15:30-15:32	12,752.50	26780.25								
GER30-SEP18	19-07-18	09:32-11:30			12,715.50	19-07-18 09:33	19067.25	Other	NA	Electronic	12,715.50	12,719.50
GER30-SEP18	19-07-18	11:32-13:30			12,704.50	19-07-18 11:46	12697.5	Other	NA	Electronic	12,700.50	12,704.50
GER30-SEP18	19-07-18	13:30-13:32	12,680.50	12680.5								
GER30-SEP18	19-07-18	15:30-15:32	12,675.50	12676.5								
GER30-SEP18	20-07-18	09:32-11:30			12,666.50	20-07-18 09:34	6342.25	Other	NA	Electronic	12,666.50	12,670.50
GER30-SEP18	20-07-18	11:32-13:30			12,612.50	20-07-18 11:40	63062.5	Other	NA	Electronic	12,612.50	12,616.50
GER30-SEP18	20-07-18	13:30-13:32	12,481.50	12473.5								
GER30-SEP18	20-07-18	15:32-17:30			12,551.50	20-07-18 15:35	6246.75	Other	NA	Electronic	12,550.50	12,554.50
GER30-SEP18	23-07-18	09:32-11:30			12,547.50	23-07-18 09:35	12547.5	Other	NA	Electronic	12,543.50	12,547.50
GER30-SEP18	23-07-18	11:30-11:32	12,511.50	1251.15								
GER30-SEP18	23-07-18	13:32-15:30			12,544.50	23-07-18 13:47	12544.5	Other	NA	Electronic	12,544.50	12,548.50

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GER30-SEP18	23-07-18	15:32-17:30			12,541.50	23-07-18 15:34	1252.65	Other	NA	Electronic	12,537.50	12,541.50
GER30-SEP18	24-07-18	09:32-11:30			12,725.50	24-07-18 09:48	12725.5	Other	NA	Electronic	12,725.50	12,729.50
GER30-SEP18	24-07-18	11:32-13:30			12,724.50	24-07-18 12:17	1272.45	Other	NA	Electronic	12,724.50	12,728.50
GER30-SEP18	24-07-18	13:32-15:30			12,728.50	24-07-18 13:33	12691.5	Other	NA	Electronic	12,724.50	12,728.50
GER30-SEP18	24-07-18	15:30-15:32	12,691.83	37914.5								
GER30-SEP18	25-07-18	09:32-11:30			12,656.50	25-07-18 09:32	12656.5	Other	NA	Electronic	12,652.50	12,656.50
GER30-SEP18	25-07-18	11:30-11:32	12,603.64	154007.5								
GER30-SEP18	25-07-18	13:32-15:30			12,607.50	25-07-18 13:35	1260.75	Other	NA	Electronic	12,603.50	12,607.50
GER30-SEP18	25-07-18	15:30-15:32	12,557.50	1255.75								
GER30-SEP18	26-07-18	09:32-11:30			12,758.50	26-07-18 09:40	12759.5	Other	NA	Electronic	12,758.50	12,762.50
GER30-SEP18	26-07-18	11:30-11:32	12,716.50	12726.5								
GER30-SEP18	26-07-18	13:30-13:32	12,784.36	510738.4								
GER30-SEP18	26-07-18	15:30-15:32	12,809.50	1280.95								
GER30-SEP18	27-07-18	09:32-11:30			12,847.50	27-07-18 09:32	12840.5	Other	NA	Electronic	12,847.50	12,851.50
GER30-SEP18	27-07-18	11:32-13:30			12,862.50	27-07-18 11:34	192937.5	Other	NA	Electronic	12,862.50	12,866.50

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GER30-SEP18	27-07-18	13:32-15:30			12,849.50	27-07-18 13:33	12750.5	Other	NA	Electronic	12,849.50	12,853.50
GER30-SEP18	27-07-18	15:32-17:30			12,854.50	27-07-18 15:46	1285.45	Other	NA	Electronic	12,850.50	12,854.50
GER30-SEP18	30-07-18	09:32-11:30			12,809.50	30-07-18 09:42	12809.5	Other	NA	Electronic	12,809.50	12,813.50
GER30-SEP18	30-07-18	11:32-13:30			12,821.50	30-07-18 11:44	12830.5	Other	NA	Electronic	12,817.50	12,821.50
GER30-SEP18	30-07-18	13:32-15:30			12,816.50	30-07-18 13:36	1282.35	Other	NA	Electronic	12,812.50	12,816.50
GER30-SEP18	30-07-18	15:30-15:32	12,805.50	12805.5								
GER30-SEP18	31-07-18	09:32-11:30			12,779.50	31-07-18 09:52	25597	Other	NA	Electronic	12,779.50	12,783.50
GER30-SEP18	31-07-18	11:32-13:30			12,777.50	31-07-18 11:36	6388.75	Other	NA	Electronic	12,777.50	12,781.50
GER30-SEP18	31-07-18	13:32-15:30			12,798.50	31-07-18 13:34	63992.5	Other	NA	Electronic	12,794.50	12,798.50
GER30-SEP18	31-07-18	15:30-15:32	12,816.00	51262								
GER30-SEP18	01-08-18	09:32-11:30			12,753.50	01-08-18 09:33	12753.5	Other	NA	Electronic	12,749.50	12,753.50
GER30-SEP18	01-08-18	11:32-13:30			12,761.50	01-08-18 11:34	2550.5	Other	NA	Electronic	12,761.50	12,765.50
GER30-SEP18	01-08-18	13:30-13:32	12,727.50	12706.5								
GER30-SEP18	01-08-18	15:32-17:30			12,736.50	01-08-18 15:43	3820.95	Other	NA	Electronic	12,736.50	12,740.50
GER30-SEP18	02-08-18	09:32-11:30			12,511.50	02-08-18 10:26	5004.6	Other	NA	Electronic	12,507.50	12,511.50

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GER30-SEP18	02-08-18	11:32-13:30			12,536.50	02-08-18 11:52	1253.65	Other	NA	Electronic	12,532.50	12,536.50
GER30-SEP18	02-08-18	13:32-15:30			12,515.50	02-08-18 13:33	2507.5	Other	NA	Electronic	12,515.50	12,519.50
GER30-SEP18	02-08-18	15:30-15:32	12,536.00	27582.5								
GER30-SEP18	03-08-18	09:32-11:30			12,611.50	03-08-18 09:34	12599.5	Other	NA	Electronic	12,611.50	12,615.50
GER30-SEP18	03-08-18	11:32-13:30			12,624.50	03-08-18 11:34	12611.5	Other	NA	Electronic	12,624.50	12,628.50
GER30-SEP18	03-08-18	13:32-15:30			12,598.50	03-08-18 13:32	12594.5	Other	NA	Electronic	12,598.50	12,602.50
GER30-SEP18	03-08-18	15:32-17:30			12,599.50	03-08-18 16:07	1259.65	Other	NA	Electronic	12,599.50	12,603.50
GER30-SEP18	06-08-18	09:32-11:30			12,595.50	06-08-18 09:49	12593.5	Other	NA	Electronic	12,595.50	12,599.50
GER30-SEP18	06-08-18	11:30-11:32	12,676.50	1267.65								
GER30-SEP18	06-08-18	13:32-15:30			12,554.50	06-08-18 13:32	3766.35	Other	NA	Electronic	12,550.50	12,554.50
GER30-SEP18	06-08-18	15:30-15:32	12,584.50	12586.5								
GER30-SEP18	07-08-18	09:32-11:30			12,702.50	07-08-18 09:36	12702.5	Other	NA	Electronic	12,698.50	12,702.50
GER30-SEP18	07-08-18	11:30-11:32	12,700.50	12711.5								
GER30-SEP18	07-08-18	13:30-13:32	12,700.50	12700.5								
GER30-SEP18	07-08-18	15:32-17:30			12,648.50	07-08-18 15:36	2529.7	Other	NA	Electronic	12,644.50	12,648.50

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GER30-SEP18	08-08-18	09:32-11:30			12,617.50	08-08-18 09:40	2523.5	Other	NA	Electronic	12,617.50	12,621.50
GER30-SEP18	08-08-18	11:32-13:30			12,674.50	08-08-18 11:42	190117.5	Other	NA	Electronic	12,674.50	12,678.50
GER30-SEP18	08-08-18	13:32-15:30			12,629.50	08-08-18 13:32	1265.55	Other	NA	Electronic	12,625.50	12,629.50
GER30-SEP18	08-08-18	15:32-17:30			12,620.50	08-08-18 15:47	12605.5	Other	NA	Electronic	12,620.50	12,624.50
GER30-SEP18	09-08-18	09:32-11:30			12,630.50	09-08-18 09:41	2526.1	Other	NA	Electronic	12,630.50	12,634.50
GER30-SEP18	09-08-18	11:30-11:32	12,603.50	314285.5								
GER30-SEP18	09-08-18	13:32-15:30			12,680.50	09-08-18 13:32	10134	Other	NA	Electronic	12,676.50	12,680.50
GER30-SEP18	09-08-18	15:30-15:32	12,658.50	2530.5								
GER30-SEP18	10-08-18	09:32-11:30			12,452.50	10-08-18 09:41	12452.5	Other	NA	Electronic	12,448.50	12,452.50
GER30-SEP18	10-08-18	11:32-13:30			12,461.50	10-08-18 11:36	2492.3	Other	NA	Electronic	12,457.50	12,461.50
GER30-SEP18	10-08-18	13:30-13:32	12,426.50	2485.3								
GER30-SEP18	10-08-18	15:30-15:32	12,413.50	12423.5								
GER30-SEP18	13-08-18	09:30-09:32	12,358.50	12358.5								
GER30-SEP18	13-08-18	11:32-13:30			12,347.50	13-08-18 11:50	2469.5	Other	NA	Electronic	12,347.50	12,351.50
GER30-SEP18	13-08-18	13:32-15:30			12,361.50	13-08-18 13:40	1236.45	Other	NA	Electronic	12,357.50	12,361.50

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GER30-SEP18	13-08-18	15:32-17:30			12,357.50	13-08-18 15:34	11131.65	Other	NA	Electronic	12,357.50	12,361.50
GER30-SEP18	14-08-18	09:30-09:32	12,391.00	21078.85								
GER30-SEP18	14-08-18	11:30-11:32	12,372.50	12375.5								
GER30-SEP18	14-08-18	13:32-15:30			12,330.50	14-08-18 13:50	1233.05	Other	NA	Electronic	12,325.50	12,329.50
GER30-SEP18	14-08-18	15:32-17:30			12,353.50	14-08-18 15:33	3706.05	Other	NA	Electronic	12,353.50	12,357.50
GER30-SEP18	15-08-18	09:32-11:30			12,364.50	15-08-18 09:36	12376.5	Other	NA	Electronic	12,360.50	12,364.50
GER30-SEP18	15-08-18	11:30-11:32	12,214.17	392516								
GER30-SEP18	15-08-18	13:32-15:30			12,207.50	15-08-18 13:35	2441.5	Other	NA	Electronic	12,207.50	12,211.50
GER30-SEP18	15-08-18	15:32-17:30			12,142.50	15-08-18 15:33	12138.5	Other	NA	Electronic	12,142.50	12,146.50
GER30-SEP18	16-08-18	09:32-11:30			12,197.50	16-08-18 09:43	1219.75	Other	NA	Electronic	12,197.50	12,201.50
GER30-SEP18	16-08-18	11:32-13:30			12,194.50	16-08-18 11:42	1220.25	Other	NA	Electronic	12,190.50	12,194.50
GER30-SEP18	16-08-18	13:32-15:30			12,185.50	16-08-18 13:33	12186.5	Other	NA	Electronic	12,181.50	12,185.50
GER30-SEP18	16-08-18	15:32-17:30			12,220.50	16-08-18 15:50	1221.55	Other	NA	Electronic	12,220.50	12,224.50
GER30-SEP18	17-08-18	09:32-11:30			12,208.50	17-08-18 09:32	12226.5	Other	NA	Electronic	12,204.50	12,208.50
GER30-SEP18	17-08-18	11:30-11:32	12,179.50	12181.5								

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GER30-SEP18	17-08-18	13:32-15:30			12,165.50	17-08-18 13:39	12165.5	Other	NA	Electronic	12,161.50	12,165.50
GER30-SEP18	17-08-18	15:32-17:30			12,219.50	17-08-18 16:00	1221.95	Other	NA	Electronic	12,215.50	12,219.50
GER30-SEP18	20-08-18	09:32-11:30			12,307.50	20-08-18 10:25	1230.65	Other	NA	Electronic	12,307.50	12,311.50
GER30-SEP18	20-08-18	11:32-13:30			12,311.50	20-08-18 11:33	1231.15	Other	NA	Electronic	12,311.50	12,315.50
GER30-SEP18	20-08-18	13:30-13:32	12,338.50	4940.6								
GER30-SEP18	20-08-18	15:30-15:32	12,332.50	12340.5								
GER30-SEP18	21-08-18	09:32-11:30			12,399.50	21-08-18 09:38	371685	Other	NA	Electronic	12,399.50	12,403.50
GER30-SEP18	21-08-18	11:32-13:30			12,401.50	21-08-18 12:17	1240.15	Other	NA	Electronic	12,401.50	12,405.50
GER30-SEP18	21-08-18	13:32-15:30			12,413.50	21-08-18 13:49	1241.35	Other	NA	Electronic	12,409.50	12,413.50
GER30-SEP18	21-08-18	15:32-17:30			12,393.50	21-08-18 15:39	372015	Other	NA	Electronic	12,389.50	12,393.50
GER30-SEP18	22-08-18	09:30-09:32	12,376.50	12377.5								
GER30-SEP18	22-08-18	11:32-13:30			12,392.50	22-08-18 11:47	12392.5	Other	NA	Electronic	12,392.50	12,396.50
GER30-SEP18	22-08-18	13:30-13:32	12,374.50	248280								
GER30-SEP18	22-08-18	15:32-17:30			12,392.50	22-08-18 15:41	12370.5	Other	NA	Electronic	12,392.50	12,396.50
GER30-SEP18	23-08-18	09:32-11:30			12,375.50	23-08-18 09:37	12382.5	Other	NA	Electronic	12,371.50	12,375.50



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GER30-SEP18	23-08-18	11:32-13:30			12,383.50	23-08-18 12:23	12383.5	Other	NA	Electronic	12,383.50	12,387.50
GER30-SEP18	23-08-18	13:32-15:30			12,384.50	23-08-18 14:03	12384.5	Other	NA	Electronic	12,380.50	12,384.50
GER30-SEP18	23-08-18	15:32-17:30			12,350.50	23-08-18 15:39	12370.5	Other	NA	Electronic	12,346.50	12,350.50
GER30-SEP18	24-08-18	09:32-11:30			12,378.50	24-08-18 09:47	1237.85	Other	NA	Electronic	12,378.50	12,382.50
GER30-SEP18	24-08-18	11:32-13:30			12,373.50	24-08-18 12:25	1237.85	Other	NA	Electronic	12,369.50	12,373.50
GER30-SEP18	24-08-18	13:30-13:32	12,374.50	1237.45								
GER30-SEP18	24-08-18	15:32-17:30			12,402.50	24-08-18 15:32	3717.15	Other	NA	Electronic	12,398.50	12,402.50
GER30-SEP18	27-08-18	09:32-11:30			12,453.50	27-08-18 09:35	12453.5	Other	NA	Electronic	12,453.50	12,457.50
GER30-SEP18	27-08-18	11:32-13:30			12,448.50	27-08-18 11:38	12448.5	Other	NA	Electronic	12,448.50	12,452.50
GER30-SEP18	27-08-18	13:32-15:30			12,476.50	27-08-18 13:39	24953	Other	NA	Electronic	12,476.50	12,480.50
GER30-SEP18	27-08-18	15:32-17:30			12,537.50	27-08-18 15:33	10002.8	Other	NA	Electronic	12,537.50	12,541.50
GER30-SEP18	28-08-18	09:32-11:30			12,559.50	28-08-18 09:49	25119	Other	NA	Electronic	12,559.50	12,563.50
GER30-SEP18	28-08-18	11:32-13:30			12,567.50	28-08-18 12:14	6275.75	Other	NA	Electronic	12,563.50	12,567.50
GER30-SEP18	28-08-18	13:32-15:30			12,544.50	28-08-18 13:53	1254.45	Other	NA	Electronic	12,540.50	12,544.50
GER30-SEP18	28-08-18	15:32-17:30			12,531.50	28-08-18 15:35	12489.5	Other	NA	Electronic	12,527.50	12,531.50

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GER30-SEP18	29-08-18	09:32-11:30			12,524.50	29-08-18 09:33	12457.5	Other	NA	Electronic	12,520.50	12,524.50
GER30-SEP18	29-08-18	11:32-13:30			12,538.50	29-08-18 11:53	37615.5	Other	NA	Electronic	12,538.50	12,542.50
GER30-SEP18	29-08-18	13:32-15:30			12,522.50	29-08-18 13:48	12522.5	Other	NA	Electronic	12,518.50	12,522.50
GER30-SEP18	29-08-18	15:32-17:30			12,559.50	29-08-18 15:46	12559.5	Other	NA	Electronic	12,559.50	12,563.50
GER30-SEP18	30-08-18	09:32-11:30			12,431.50	30-08-18 09:32	12410.5	Other	NA	Electronic	12,431.50	12,435.50
GER30-SEP18	30-08-18	11:32-13:30			12,517.50	30-08-18 11:33	6258.75	Other	NA	Electronic	12,513.50	12,517.50
GER30-SEP18	30-08-18	13:32-15:30			12,494.50	30-08-18 13:36	1249.25	Other	NA	Electronic	12,494.50	12,498.50
GER30-SEP18	30-08-18	15:30-15:32	12,496.00	112459.5								
GER30-SEP18	31-08-18	09:32-11:30			12,366.50	31-08-18 09:41	1238.65	Other	NA	Electronic	12,362.50	12,366.50
GER30-SEP18	31-08-18	11:32-13:30			12,377.50	31-08-18 13:01	1238.15	Other	NA	Electronic	12,373.50	12,377.50
GER30-SEP18	31-08-18	13:32-15:30			12,386.50	31-08-18 13:33	12457.5	Other	NA	Electronic	12,382.50	12,386.50
GER30-SEP18	31-08-18	15:32-17:30			12,363.50	31-08-18 15:34	1236.35	Other	NA	Electronic	12,363.50	12,367.50
GER30-SEP18	03-09-18	09:32-11:30			12,326.50	03-09-18 09:35	1232.95	Other	NA	Electronic	12,322.50	12,326.50
GER30-SEP18	03-09-18	11:32-13:30			12,331.50	03-09-18 11:58	12331.5	Other	NA	Electronic	12,327.50	12,331.50
GER30-SEP18	03-09-18	13:32-15:30			12,322.50	03-09-18 13:39	1232.25	Other	NA	Electronic	12,318.50	12,322.50

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GER30-SEP18	03-09-18	15:32-17:30			12,339.50	03-09-18 15:32	1233.95	Other	NA	Electronic	12,339.50	12,343.50
GER30-SEP18	04-09-18	09:32-11:30			12,246.50	04-09-18 09:32	12246.5	Other	NA	Electronic	12,242.50	12,246.50
GER30-SEP18	04-09-18	11:32-13:30			12,199.50	04-09-18 11:33	121995	Other	NA	Electronic	12,196.50	12,200.50
GER30-SEP18	04-09-18	13:32-15:30			12,187.50	04-09-18 13:37	6093.75	Other	NA	Electronic	12,183.50	12,187.50
GER30-SEP18	04-09-18	15:30-15:32	12,199.50	12182.5								
GER30-SEP18	05-09-18	09:32-11:30			12,088.50	05-09-18 09:32	12099.5	Other	NA	Electronic	12,085.50	12,089.50
GER30-SEP18	05-09-18	11:32-13:30			12,128.50	05-09-18 12:20	12128.5	Other	NA	Electronic	12,124.50	12,128.50
GER30-SEP18	05-09-18	13:32-15:30			12,110.50	05-09-18 13:36	1212.45	Other	NA	Electronic	12,106.50	12,110.50
GER30-SEP18	05-09-18	15:32-17:30			12,044.50	05-09-18 15:35	1206.35	Other	NA	Electronic	12,040.50	12,044.50
GER30-SEP18	06-09-18	09:32-11:30			12,050.50	06-09-18 09:51	12065.5	Other	NA	Electronic	12,046.50	12,050.50
GER30-SEP18	06-09-18	11:32-13:30			12,065.50	06-09-18 11:54	3619.65	Other	NA	Electronic	12,061.50	12,065.50
GER30-SEP18	06-09-18	13:32-15:30			12,039.50	06-09-18 13:35	24079	Other	NA	Electronic	12,035.50	12,039.50
GER30-SEP18	06-09-18	15:30-15:32	11,956.50	12035.5								
GER30-SEP18	07-09-18	09:30-09:32	11,934.50	178837.5								
GER30-SEP18	07-09-18	11:32-13:30			11,901.50	07-09-18 12:45	11901.5	Other	NA	Electronic	11,897.50	11,901.50

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GER30-SEP18	07-09-18	13:32-15:30			11,905.50	07-09-18 13:38	11905.5	Other	NA	Electronic	11,905.50	11,909.50
GER30-SEP18	07-09-18	15:32-17:30			11,957.50	07-09-18 15:39	1194.95	Other	NA	Electronic	11,957.50	11,961.50
GER30-SEP18	10-09-18	09:32-11:30			11,965.50	10-09-18 09:33	11965.5	Other	NA	Electronic	11,965.50	11,969.50
GER30-SEP18	10-09-18	11:30-11:32	12,007.50	12007.5								
GER30-SEP18	10-09-18	13:30-13:32	12,007.50	12012.5								
GER30-SEP18	10-09-18	15:32-17:30			11,987.50	10-09-18 15:32	11979.5	Other	NA	Electronic	11,987.50	11,991.50
GER30-SEP18	11-09-18	09:32-11:30			11,888.50	11-09-18 09:35	1187.65	Other	NA	Electronic	11,888.50	11,892.50
GER30-SEP18	11-09-18	11:32-13:30			11,885.50	11-09-18 11:33	11885.5	Other	NA	Electronic	11,885.50	11,889.50
GER30-SEP18	11-09-18	13:32-15:30			11,922.50	11-09-18 13:42	11902.5	Other	NA	Electronic	11,918.50	11,922.50
GER30-SEP18	11-09-18	15:32-17:30			11,969.50	11-09-18 15:33	1196.65	Other	NA	Electronic	11,969.50	11,973.50
GER30-SEP18	12-09-18	09:32-11:30			11,996.50	12-09-18 09:34	11996.5	Other	NA	Electronic	11,992.50	11,996.50
GER30-SEP18	12-09-18	11:32-13:30			11,982.50	12-09-18 11:35	1198.25	Other	NA	Electronic	11,978.50	11,982.50
GER30-SEP18	12-09-18	13:32-15:30			11,992.50	12-09-18 13:54	1199.25	Other	NA	Electronic	11,988.50	11,992.50
GER30-SEP18	12-09-18	15:32-17:30			12,035.50	12-09-18 15:32	1203.35	Other	NA	Electronic	12,035.50	12,039.50
GER30-SEP18	13-09-18	09:32-11:30			12,069.50	13-09-18 09:35	60492.5	Other	NA	Electronic	12,069.50	12,073.50

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GER30-SEP18	13-09-18	11:32-13:30			12,088.50	13-09-18 12:09	6002.75	Other	NA	Electronic	12,087.50	12,091.50
GER30-SEP18	13-09-18	13:32-15:30			12,089.50	13-09-18 13:32	24177	Other	NA	Electronic	12,089.50	12,093.50
GER30-SEP18	13-09-18	15:30-15:32	12,057.83	361685								
GER30-SEP18	14-09-18	09:32-11:30			12,089.50	14-09-18 10:02	1208.95	Other	NA	Electronic	12,089.50	12,093.50
GER30-SEP18	14-09-18	11:32-13:30			12,084.50	14-09-18 12:05	12084.5	Other	NA	Electronic	12,080.50	12,084.50
GER30-SEP18	14-09-18	13:32-15:30			12,118.50	14-09-18 13:37	12118.5	Other	NA	Electronic	12,118.50	12,122.50
GER30-SEP18	14-09-18	15:32-17:30			12,113.50	14-09-18 16:00	24179	Other	NA	Electronic	12,113.50	12,117.50
GER30-SEP18	17-09-18	09:32-11:30			12,070.50	17-09-18 09:53	24123	Other	NA	Electronic	12,070.50	12,074.50
GER30-SEP18	17-09-18	11:32-13:30			12,075.50	17-09-18 12:12	24151	Other	NA	Electronic	12,071.50	12,075.50
GER30-SEP18	17-09-18	13:30-13:32	12,092.50	1208.85								
GER30-SEP18	17-09-18	15:32-17:30			12,081.50	17-09-18 16:21	6040.75	Other	NA	Electronic	12,081.50	12,085.50
GER30-SEP18	18-09-18	09:32-11:30			12,139.50	18-09-18 09:37	24341	Other	NA	Electronic	12,139.50	12,143.50
GER30-SEP18	18-09-18	11:32-13:30			12,116.50	18-09-18 11:53	1211.45	Other	NA	Electronic	12,116.50	12,120.50
GER30-SEP18	18-09-18	13:32-15:30			12,099.50	18-09-18 13:33	1212.55	Other	NA	Electronic	12,095.50	12,099.50
GER30-SEP18	18-09-18	15:32-17:30			12,155.50	18-09-18 15:33	1215.15	Other	NA	Electronic	12,155.50	12,159.50

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GER30-SEP18	19-09-18	09:32-11:30			12,183.50	19-09-18 10:12	12183.5	Other	NA	Electronic	12,183.50	12,187.50
GER30-SEP18	19-09-18	13:32-15:30			12,191.50	19-09-18 13:34	60957.5	Other	NA	Electronic	12,187.50	12,191.50
GER30-SEP18	19-09-18	15:32-17:30			12,220.50	19-09-18 16:54	24441	Other	NA	Electronic	12,220.50	12,224.50
GER30-SEP18	20-09-18	09:32-11:30			12,261.50	20-09-18 09:32	12261.5	Other	NA	Electronic	12,257.50	12,261.50
GER30-SEP18	20-09-18	11:32-13:30			12,329.50	20-09-18 12:57	36352.5	Other	NA	Electronic	12,325.50	12,329.50
GER30-SEP18	20-09-18	13:30-13:32	12,342.50	1221.55								
GER30-SEP18	20-09-18	15:32-17:30			12,336.50	20-09-18 16:04	12106.5	Other	NA	Electronic	12,332.50	12,336.50
Gilead	02-07-18	13:32-15:30			70.74	02-07-18 14:10	5598.979861	Other	NA	Electronic	70.67	70.74
Gilead	10-08-18	13:32-15:30			76.89	10-08-18 15:10	703.8958755	Other	NA	Electronic	76.89	76.96
Glencore	03-07-18	09:32-11:30			3.165	03-07-18 09:49	205.5647426	Other	NA	Electronic	3.149	3.165
Glencore	03-07-18	11:32-13:30			3.218	03-07-18 12:11	35.71468209	Other	NA	Electronic	3.208	3.218
Glencore	03-07-18	13:32-15:30			3.308	03-07-18 13:36	36.71353895	Other	NA	Electronic	3.308	3.319
Glencore	04-07-18	09:32-11:30			3.198	04-07-18 10:18	281.2780928	Other	NA	Electronic	3.198	3.205
Glencore	05-07-18	11:32-13:30			3.287	05-07-18 12:14	182.2913776	Other	NA	Electronic	3.287	3.295
Glencore	06-07-18	13:32-15:30			3.274	06-07-18 14:31	36.33619302	Other	NA	Electronic	3.274	3.282

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Glencore	09-07-18	09:32-11:30			3.299	09-07-18 11:22	182.1803935	Other	NA	Electronic	3.299	3.307
Glencore	09-07-18	13:32-15:30			3.309	09-07-18 13:58	36.72463736	Other	NA	Electronic	3.301	3.309
Glencore	10-07-18	11:32-13:30			3.29	10-07-18 12:00	36.51376758	Other	NA	Electronic	3.282	3.29
Glencore	10-07-18	13:32-15:30			3.312	10-07-18 14:09	36.51376758	Other	NA	Electronic	3.312	3.32
Glencore	11-07-18	09:32-11:30			3.134	11-07-18 09:35	34.78241568	Other	NA	Electronic	3.126	3.134
Glencore	12-07-18	11:32-13:30			3.163	12-07-18 11:50	34.78241568	Other	NA	Electronic	3.163	3.17
Glencore	13-07-18	09:32-11:30			3.083	13-07-18 09:41	34.21639679	Other	NA	Electronic	3.075	3.083
Glencore	13-07-18	11:32-13:30			3.135	13-07-18 12:03	34.21639679	Other	NA	Electronic	3.135	3.143
Glencore	16-07-18	11:32-13:30			3.071	16-07-18 11:46	34.08321588	Other	NA	Electronic	3.064	3.071
Glencore	26-07-18	13:32-15:30			3.232	26-07-18 14:10	139.3960245	Other	NA	Electronic	3.232	3.239
Glencore	08-08-18	13:32-15:30			3.259	08-08-18 14:11	36.16971688	Other	NA	Electronic	3.252	3.259
Glencore	15-08-18	09:32-11:30			3.02	15-08-18 10:33	36.16971688	Other	NA	Electronic	3.02	3.028
Glencore	16-08-18	09:32-11:30			3.04	16-08-18 09:45	33.73916518	Other	NA	Electronic	3.032	3.04
Glencore	16-08-18	11:32-13:30			3.046	16-08-18 12:45	33.80575564	Other	NA	Electronic	3.038	3.046
Glencore	17-08-18	13:32-15:30			3.04	17-08-18 15:00	33.73916518	Other	NA	Electronic	3.033	3.04

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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Glencore	31-08-18	11:32-13:30			3.169	31-08-18 12:39	2465.578283	Other	NA	Electronic	3.162	3.169
Glencore	04-09-18	11:32-13:30			3.103	04-09-18 12:10	34.68252999	Other	NA	Electronic	3.096	3.103
Glencore	14-09-18	13:32-15:30			3.021	14-09-18 14:01	36.33619302	Other	NA	Electronic	3.013	3.021
Glencore	19-09-18	13:32-15:30			3.186	19-09-18 14:03	3535.953298	Other	NA	Electronic	3.178	3.186
Glencore	20-09-18	09:32-11:30			3.205	20-09-18 10:34	3557.040276	Other	NA	Electronic	3.197	3.205
Glencore	21-09-18	11:32-13:30			3.349	21-09-18 13:28	2784.013851	Other	NA	Electronic	3.342	3.349
Glencore	25-09-18	11:32-13:30			3.415	25-09-18 12:21	2920.213533	Other	NA	Electronic	3.408	3.415
Glencore	27-09-18	13:32-15:30			3.307	27-09-18 13:39	2821.77064	Other	NA	Electronic	3.299	3.307
GNC	20-09-18	15:32-17:30			3.81	20-09-18 16:48	33.50628793	Other	NA	Electronic	3.75	3.81
Golar	12-07-18	13:32-15:30			28.3	12-07-18 14:24	1012.399965	Other	NA	Electronic	28.17	28.3
Golar	25-09-18	13:32-15:30			28.71	25-09-18 14:04	252.4843901	Other	NA	Electronic	28.56	28.71
GOLD	02-07-18	09:30-09:32	1,249.34	139568.7451								
GOLD	02-07-18	11:30-11:32	1,249.00	151586.0874								
GOLD	02-07-18	13:30-13:32	1,247.76	41707.57189								
GOLD	02-07-18	15:30-15:32	1,244.96	551949.2481								



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GOLD	03-07-18	09:30-09:32	1,246.25	892770.8293								
GOLD	03-07-18	11:30-11:32	1,246.94	82238.75649								
GOLD	03-07-18	13:30-13:32	1,250.14	80225.52106								
GOLD	03-07-18	15:30-15:32	1,256.07	494884.2846								
GOLD	04-07-18	09:30-09:32	1,256.64	12152.4756								
GOLD	04-07-18	11:30-11:32	1,254.81	52974.69								
GOLD	04-07-18	13:30-13:32	1,255.77	47482.8687								
GOLD	04-07-18	15:30-15:32	1,256.67	2210.306921								
GOLD	05-07-18	09:30-09:32	1,252.70	167502.8318								
GOLD	05-07-18	11:30-11:32	1,253.25	58409.62097								
GOLD	05-07-18	13:30-13:32	1,254.87	705024.5097								
GOLD	05-07-18	15:30-15:32	1,258.75	258836.5403								
GOLD	06-07-18	09:30-09:32	1,254.43	29812.0394								
GOLD	06-07-18	11:30-11:32	1,254.83	13245.31703								
GOLD	06-07-18	13:30-13:32	1,256.49	90603.21871								

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GOLD	06-07-18	15:30-15:32	1,254.56	72897.2298								
GOLD	09-07-18	09:30-09:32	1,262.55	564714.5194								
GOLD	09-07-18	11:30-11:32	1,265.53	87927.42943								
GOLD	09-07-18	13:30-13:32	1,263.47	53340.77918								
GOLD	09-07-18	15:30-15:32	1,261.30	18873.32688								
GOLD	10-07-18	09:30-09:32	1,253.83	168751.1213								
GOLD	10-07-18	11:30-11:32	1,248.26	263806.8596								
GOLD	10-07-18	13:30-13:32	1,255.29	791932.8731								
GOLD	10-07-18	15:30-15:32	1,255.06	218464.7876								
GOLD	11-07-18	09:30-09:32	1,250.12	572851.6225								
GOLD	11-07-18	11:30-11:32	1,250.83	22005.57559								
GOLD	11-07-18	13:30-13:32	1,250.76	140821.7747								
GOLD	11-07-18	15:30-15:32	1,247.09	165631.6331								
GOLD	12-07-18	09:30-09:32	1,244.78	29555.5624								
GOLD	12-07-18	11:30-11:32	1,243.14	18614.02691								

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GOLD	12-07-18	13:30-13:32	1,245.93	13142.93378								
GOLD	12-07-18	15:30-15:32	1,247.90	244098.7072								
GOLD	13-07-18	09:30-09:32	1,240.81	432335.7225								
GOLD	13-07-18	11:30-11:32	1,239.88	175732.8467								
GOLD	13-07-18	13:30-13:32	1,241.96	29489.59634								
GOLD	13-07-18	15:30-15:32	1,242.63	19669.5981								
GOLD	16-07-18	09:30-09:32	1,244.78	55800.98496								
GOLD	16-07-18	11:30-11:32	1,244.59	76626.59397								
GOLD	16-07-18	13:30-13:32	1,240.88	182227.3415								
GOLD	16-07-18	15:30-15:32	1,239.09	78591.57506								
GOLD	17-07-18	09:30-09:32	1,243.45	46957.24211								
GOLD	17-07-18	11:30-11:32	1,240.71	73171.01398								
GOLD	17-07-18	13:30-13:32	1,232.00	510412.3296								
GOLD	17-07-18	15:30-15:32	1,228.86	102693.2812								
GOLD	18-07-18	09:30-09:32	1,223.59	248571.4273								

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GOLD	18-07-18	11:30-11:32	1,223.25	115107.4927								
GOLD	18-07-18	13:30-13:32	1,224.67	128113.1563								
GOLD	18-07-18	15:30-15:32	1,225.68	162733.8581								
GOLD	19-07-18	09:30-09:32	1,216.75	892331.4044								
GOLD	19-07-18	11:30-11:32	1,216.86	368067.7073								
GOLD	19-07-18	13:30-13:32	1,216.36	707662.8793								
GOLD	19-07-18	15:30-15:32	1,216.87	26748.79078								
GOLD	20-07-18	09:30-09:32	1,224.62	279686.9317								
GOLD	20-07-18	11:30-11:32	1,223.49	1075.973969								
GOLD	20-07-18	13:30-13:32	1,229.69	457344.464								
GOLD	20-07-18	15:30-15:32	1,228.38	6484.434087								
GOLD	23-07-18	09:30-09:32	1,229.22	6484.689121								
GOLD	23-07-18	11:30-11:32	1,231.83	328060.9533								
GOLD	23-07-18	13:30-13:32	1,227.57	127388.4707								
GOLD	23-07-18	15:30-15:32	1,224.26	186223.7534								

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GOLD	24-07-18	09:30-09:32	1,224.24	9689.798611								
GOLD	24-07-18	11:30-11:32	1,226.35	5393.509806								
GOLD	24-07-18	13:30-13:32	1,227.16	234163.3014								
GOLD	24-07-18	15:30-15:32	1,226.06	35592.2786								
GOLD	25-07-18	09:30-09:32	1,230.49	458635.8983								
GOLD	25-07-18	11:30-11:32	1,231.19	8660.240964								
GOLD	25-07-18	13:30-13:32	1,233.01	225511.6876								
GOLD	25-07-18	15:30-15:32	1,228.75	252845.2731								
GOLD	26-07-18	09:30-09:32	1,228.97	10807.87969								
GOLD	26-07-18	11:32-13:30			1,228.41	26-07-18 11:34	1080.300765	Other	NA	Electronic	1,228.06	1,228.41
GOLD	26-07-18	13:30-13:32	1,226.96	774373.9249								
GOLD	26-07-18	15:30-15:32	1,228.05	144693.5274								
GOLD	27-07-18	09:30-09:32	1,219.46	29037.23507								
GOLD	27-07-18	11:30-11:32	1,219.60	255245.4489								
GOLD	27-07-18	13:30-13:32	1,224.10	12918.53839								

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GOLD	27-07-18	15:30-15:32	1,224.76	6463.213438								
GOLD	30-07-18	09:30-09:32	1,221.81	4296.763697								
GOLD	30-07-18	11:30-11:32	1,223.11	23640.10201								
GOLD	30-07-18	13:30-13:32	1,222.60	53759.5638								
GOLD	30-07-18	15:30-15:32	1,224.06	45206.4814								
GOLD	31-07-18	09:30-09:32	1,218.95	8576.237798								
GOLD	31-07-18	11:30-11:32	1,220.78	150160.0563								
GOLD	31-07-18	13:30-13:32	1,218.87	502917.4743								
GOLD	31-07-18	15:30-15:32	1,223.23	77422.32873								
GOLD	01-08-18	09:30-09:32	1,222.69	146244.9829								
GOLD	01-08-18	11:30-11:32	1,223.09	1090826.242								
GOLD	01-08-18	13:30-13:32	1,220.52	81632.22232								
GOLD	01-08-18	15:30-15:32	1,218.17	32195.18072								
GOLD	02-08-18	09:30-09:32	1,217.11	197732.363								
GOLD	02-08-18	11:30-11:32	1,216.09	8555.852608								

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GOLD	02-08-18	13:30-13:32	1,216.26	1936701.178								
GOLD	02-08-18	15:30-15:32	1,214.15	64065.60549								
GOLD	03-08-18	09:30-09:32	1,207.57	74309.20763								
GOLD	03-08-18	11:30-11:32	1,212.39	632554.2433								
GOLD	03-08-18	13:30-13:32	1,215.61	54450.3122								
GOLD	03-08-18	15:30-15:32	1,219.26	2142.625978								
GOLD	06-08-18	09:30-09:32	1,212.24	5341.834491								
GOLD	06-08-18	11:30-11:32	1,208.84	29800.87943								
GOLD	06-08-18	13:30-13:32	1,209.00	209400.6947								
GOLD	06-08-18	15:30-15:32	1,211.34	10652.88893								
GOLD	07-08-18	09:30-09:32	1,214.94	33084.18785								
GOLD	07-08-18	11:30-11:32	1,214.32	184792.0236								
GOLD	07-08-18	13:30-13:32	1,212.83	56539.77662								
GOLD	07-08-18	15:32-17:30			1,211.93	07-08-18 15:32	1065.807757	Other	NA	Electronic	1,211.58	1,211.93
GOLD	08-08-18	09:30-09:32	1,212.61	59709.73529								

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GOLD	08-08-18	11:30-11:32	1,211.17	68202.19858								
GOLD	08-08-18	13:30-13:32	1,211.70	908950.0484								
GOLD	08-08-18	15:30-15:32	1,209.78	1063.916982								
GOLD	09-08-18	09:30-09:32	1,215.26	110050.6552								
GOLD	09-08-18	11:30-11:32	1,215.07	21360.47841								
GOLD	09-08-18	13:30-13:32	1,215.02	11753.88268								
GOLD	09-08-18	15:30-15:32	1,214.48	1068.050303								
GOLD	10-08-18	09:30-09:32	1,210.97	281089.4996								
GOLD	10-08-18	11:30-11:32	1,209.79	80903.79914								
GOLD	10-08-18	13:30-13:32	1,213.80	1066.26506								
GOLD	10-08-18	15:30-15:32	1,214.26	170882.4202								
GOLD	13-08-18	09:30-09:32	1,204.05	114358.0336								
GOLD	13-08-18	11:30-11:32	1,199.18	542722.5486								
GOLD	13-08-18	13:30-13:32	1,201.74	75056.97828								
GOLD	13-08-18	15:30-15:32	1,196.29	29640.35705								



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GOLD	14-08-18	09:30-09:32	1,195.20	2111.159968								
GOLD	14-08-18	11:32-13:30			1,194.39	14-08-18 11:38	105090.1416	Other	NA	Electronic	1,194.39	1,194.78
GOLD	14-08-18	13:30-13:32	1,197.18	151457.972								
GOLD	14-08-18	15:30-15:32	1,196.71	31580.33594								
GOLD	15-08-18	09:30-09:32	1,187.17	121088.7873								
GOLD	15-08-18	11:30-11:32	1,184.57	60861.70961								
GOLD	15-08-18	13:30-13:32	1,184.27	365778.0934								
GOLD	15-08-18	15:30-15:32	1,178.89	165269.1936								
GOLD	16-08-18	09:32-11:30			1,180.08	16-08-18 09:32	2075.595814	Other	NA	Electronic	1,179.71	1,180.08
GOLD	16-08-18	11:30-11:32	1,180.97	183267.0038								
GOLD	16-08-18	13:30-13:32	1,177.83	498090.4934								
GOLD	16-08-18	15:30-15:32	1,179.77	60164.01372								
GOLD	17-08-18	09:30-09:32	1,177.04	16554.34878								
GOLD	17-08-18	11:30-11:32	1,177.19	4140.480169								
GOLD	17-08-18	13:30-13:32	1,179.48	185659.0361								

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GOLD	17-08-18	15:30-15:32	1,180.34	219781.7079								
GOLD	20-08-18	09:30-09:32	1,188.25	5228.036233								
GOLD	20-08-18	11:30-11:32	1,187.27	101290.8803								
GOLD	20-08-18	13:30-13:32	1,187.32	65789.72826								
GOLD	20-08-18	15:30-15:32	1,186.62	29437.17351								
GOLD	21-08-18	09:30-09:32	1,194.02	3150.171489								
GOLD	21-08-18	11:30-11:32	1,192.96	1049.714185								
GOLD	21-08-18	13:30-13:32	1,191.22	248260.5839								
GOLD	21-08-18	15:30-15:32	1,189.35	120152.7394								
GOLD	22-08-18	09:30-09:32	1,196.76	12633.7965								
GOLD	22-08-18	11:30-11:32	1,199.24	21092.95576								
GOLD	22-08-18	13:30-13:32	1,197.96	280322.3375								
GOLD	22-08-18	15:30-15:32	1,194.89	226006.9915								
GOLD	23-08-18	09:30-09:32	1,187.33	1044.173775								
GOLD	23-08-18	11:30-11:32	1,190.54	16753.5485								

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GOLD	23-08-18	13:30-13:32	1,190.14	14652.07985								
GOLD	23-08-18	15:30-15:32	1,189.48	2092.1291								
GOLD	24-08-18	09:30-09:32	1,189.79	10463.37174								
GOLD	24-08-18	11:30-11:32	1,192.54	63960.92692								
GOLD	24-08-18	13:30-13:32	1,196.42	62075.71014								
GOLD	24-08-18	15:30-15:32	1,206.51	146432.2487								
GOLD	27-08-18	09:30-09:32	1,203.82	1058.675578								
GOLD	27-08-18	11:30-11:32	1,203.86	70934.12189								
GOLD	27-08-18	13:30-13:32	1,206.42	1060.962097								
GOLD	27-08-18	15:30-15:32	1,209.89	8511.309471								
GOLD	28-08-18	09:30-09:32	1,213.31	27711.17756								
GOLD	28-08-18	11:30-11:32	1,211.97	84214.8096								
GOLD	28-08-18	13:30-13:32	1,212.01	33037.62202								
GOLD	28-08-18	15:30-15:32	1,209.01	17013.30578								
GOLD	29-08-18	09:30-09:32	1,204.04	5294.345264								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GOLD	29-08-18	11:32-13:30			1,204.02	29-08-18 11:33	1058.851464	Other	NA	Electronic	1,203.67	1,204.02
GOLD	29-08-18	13:30-13:32	1,206.05	56197.20341								
GOLD	29-08-18	15:30-15:32	1,203.54	244556.2308								
GOLD	30-08-18	09:30-09:32	1,202.20	1057.250901								
GOLD	30-08-18	11:30-11:32	1,204.52	84743.29435								
GOLD	30-08-18	13:30-13:32	1,202.88	459206.5254								
GOLD	30-08-18	15:30-15:32	1,199.36	33756.62651								
GOLD	31-08-18	09:30-09:32	1,206.47	9525.283616								
GOLD	31-08-18	11:30-11:32	1,203.69	26474.35582								
GOLD	31-08-18	13:30-13:32	1,200.88	2984456.67								
GOLD	31-08-18	15:30-15:32	1,201.35	1056574.98								
GOLD	03-09-18	09:30-09:32	1,202.09	159737.5605								
GOLD	03-09-18	11:30-11:32	1,200.52	3167.320376								
GOLD	03-09-18	13:30-13:32	1,200.67	2112.391171								
GOLD	03-09-18	15:32-17:30			1,201.09	03-09-18 15:32	84455.54481	Other	NA	Electronic	1,201.09	1,201.49

Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GOLD	04-09-18	09:30-09:32	1,196.10	1051.886378								
GOLD	04-09-18	11:30-11:32	1,192.24	552923.4368								
GOLD	04-09-18	13:30-13:32	1,191.71	177181.4176								
GOLD	04-09-18	15:30-15:32	1,191.16	51328.67822								
GOLD	05-09-18	09:30-09:32	1,194.88	3152.440419								
GOLD	05-09-18	11:30-11:32	1,194.69	14711.08961								
GOLD	05-09-18	13:30-13:32	1,197.14	652812.3032								
GOLD	05-09-18	15:30-15:32	1,196.90	43158.32381								
GOLD	06-09-18	09:30-09:32	1,204.25	18002.42723								
GOLD	06-09-18	11:30-11:32	1,204.99	1047.594759								
GOLD	06-09-18	13:30-13:32	1,203.53	6349.995603								
GOLD	06-09-18	15:30-15:32	1,199.74	455594.398								
GOLD	07-09-18	09:30-09:32	1,200.45	32700.33418								
GOLD	07-09-18	11:30-11:32	1,201.63	22166.99499								
GOLD	07-09-18	13:30-13:32	1,197.23	151502.8494								

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GOLD	07-09-18	15:30-15:32	1,197.74	157051.9831								
GOLD	10-09-18	09:30-09:32	1,195.61	9469.624483								
GOLD	10-09-18	11:32-13:30			1,193.28	10-09-18 11:34	1049.406385	Other	NA	Electronic	1,192.90	1,193.28
GOLD	10-09-18	13:30-13:32	1,196.45	46289.12145								
GOLD	10-09-18	15:30-15:32	1,196.75	10524.58007								
GOLD	11-09-18	09:30-09:32	1,194.08	8401.301557								
GOLD	11-09-18	11:32-13:30			1,194.72	11-09-18 11:32	63040.36584	Other	NA	Electronic	1,194.37	1,194.72
GOLD	11-09-18	13:30-13:32	1,189.77	140385.0585								
GOLD	11-09-18	15:30-15:32	1,193.70	97611.08961								
GOLD	12-09-18	09:30-09:32	1,197.02	109453.4781								
GOLD	12-09-18	11:30-11:32	1,194.12	290203.2715								
GOLD	12-09-18	13:30-13:32	1,195.26	24176.35212								
GOLD	12-09-18	15:30-15:32	1,203.38	337462.6858								
GOLD	13-09-18	09:30-09:32	1,206.66	8489.569959								
GOLD	13-09-18	11:30-11:32	1,205.80	1060.038695								

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GOLD	13-09-18	13:30-13:32	1,212.17	452865.6231								
GOLD	13-09-18	15:30-15:32	1,203.79	10586.49195								
GOLD	14-09-18	09:30-09:32	1,206.53	12734.22742								
GOLD	14-09-18	11:30-11:32	1,205.85	29693.0613								
GOLD	14-09-18	13:30-13:32	1,201.88	284423.3049								
GOLD	14-09-18	15:30-15:32	1,196.96	3157.699411								
GOLD	17-09-18	09:30-09:32	1,197.14	51578.76176								
GOLD	17-09-18	11:30-11:32	1,196.59	42115.02946								
GOLD	17-09-18	13:32-15:30			1,200.78	17-09-18 13:33	73920.14774	Other	NA	Electronic	1,200.44	1,200.78
GOLD	17-09-18	15:30-15:32	1,202.67	21150.41773								
GOLD	18-09-18	09:30-09:32	1,199.34	13709.46267								
GOLD	18-09-18	11:30-11:32	1,200.20	58052.01829								
GOLD	18-09-18	13:30-13:32	1,202.56	367906.4374								
GOLD	18-09-18	15:32-17:30			1,199.14	18-09-18 15:36	4225.626594	Other	NA	Electronic	1,199.14	1,199.51
GOLD	19-09-18	09:30-09:32	1,203.08	7406.270337								

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GOLD	19-09-18	11:30-11:32	1,202.51	31727.53496								
GOLD	19-09-18	13:30-13:32	1,203.45	237060.4256								
GOLD	19-09-18	15:30-15:32	1,204.28	1059.985929								
GOLD	20-09-18	09:30-09:32	1,203.18	21162.25486								
GOLD	20-09-18	11:30-11:32	1,204.09	393589.7458								
GOLD	20-09-18	13:30-13:32	1,207.51	4247.682702								
GOLD	20-09-18	15:30-15:32	1,203.91	71034.55281								
GOLD	21-09-18	09:30-09:32	1,208.06	1062.404362								
GOLD	21-09-18	11:30-11:32	1,205.81	65735.09806								
GOLD	21-09-18	13:30-13:32	1,192.54	589299.4372								
GOLD	21-09-18	15:30-15:32	1,197.16	36853.31985								
GOLD	24-09-18	09:30-09:32	1,198.64	16866.93343								
GOLD	24-09-18	11:32-13:30			1,200.03	24-09-18 11:32	6332.055228	Other	NA	Electronic	1,199.69	1,200.03
GOLD	24-09-18	13:30-13:32	1,203.05	815937.367								
GOLD	24-09-18	15:30-15:32	1,201.05	101407.8445								



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GOLD	25-09-18	09:30-09:32	1,199.71	16858.57005								
GOLD	25-09-18	11:30-11:32	1,201.49	218679.6764								
GOLD	25-09-18	13:30-13:32	1,201.83	118371.9814								
GOLD	25-09-18	15:30-15:32	1,202.16	52856.38906								
GOLD	26-09-18	09:30-09:32	1,198.63	105404.6258								
GOLD	26-09-18	11:30-11:32	1,197.26	1617301.882								
GOLD	26-09-18	13:30-13:32	1,195.44	9461.393017								
GOLD	26-09-18	15:30-15:32	1,194.67	38869.63328								
GOLD	27-09-18	09:30-09:32	1,196.25	44204.29162								
GOLD	27-09-18	11:30-11:32	1,193.70	657790.0536								
GOLD	27-09-18	13:30-13:32	1,184.33	593631.0879								
GOLD	27-09-18	15:32-17:30			1,182.79	27-09-18 15:32	5200.905813	Other	NA	Electronic	1,182.43	1,182.79
GOLD	28-09-18	09:30-09:32	1,183.56	3122.460646								
GOLD	28-09-18	11:30-11:32	1,182.72	1040.119602								
GOLD	28-09-18	13:30-13:32	1,185.47	15638.86202								

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GOLD	28-09-18	15:30-15:32	1,192.69	157151.4818								
GOLD.	02-07-18	09:30-09:32	1,249.19	10985.75323								
GOLD.	02-07-18	11:32-13:30			1,249.15	02-07-18 11:36	2205.135872	Other	NA	Electronic	1,248.93	1,249.15
GOLD.	02-07-18	13:30-13:32	1,247.71	1097.273767								
GOLD.	02-07-18	15:30-15:32	1,245.00	157660.5224								
GOLD.	03-07-18	09:30-09:32	1,246.23	16429.82148								
GOLD.	03-07-18	11:32-13:30			1,247.36	03-07-18 11:49	10969.65966	Other	NA	Electronic	1,247.11	1,247.36
GOLD.	03-07-18	13:30-13:32	1,249.82	65645.94143								
GOLD.	03-07-18	15:32-17:30			1,255.34	03-07-18 15:35	110398.3818	Other	NA	Electronic	1,255.34	1,255.54
GOLD.	04-07-18	09:30-09:32	1,256.77	6628.344033								
GOLD.	04-07-18	11:30-11:32	1,254.61	55167.09172								
GOLD.	04-07-18	13:30-13:32	1,255.93	1104.502682								
GOLD.	04-07-18	15:32-17:30			1,256.25	04-07-18 15:46	1104.7841	Other	NA	Electronic	1,256.08	1,256.25
GOLD.	05-07-18	09:32-11:30			1,252.52	05-07-18 09:35	82612.78691	Other	NA	Electronic	1,252.52	1,252.77
GOLD.	05-07-18	11:32-13:30			1,253.29	05-07-18 11:32	5510.904934	Other	NA	Electronic	1,253.29	1,253.54

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GOLD.	05-07-18	13:30-13:32	1,254.64	1101.187231								
GOLD.	05-07-18	15:30-15:32	1,258.75	2214.449037								
GOLD.	06-07-18	09:30-09:32	1,254.22	5514.994284								
GOLD.	06-07-18	11:32-13:30			1,254.39	06-07-18 11:46	2207.105795	Other	NA	Electronic	1,254.39	1,254.62
GOLD.	06-07-18	13:32-15:30			1,256.16	06-07-18 13:33	27617.62378	Other	NA	Electronic	1,255.90	1,256.15
GOLD.	06-07-18	15:30-15:32	1,254.61	13243.46144								
GOLD.	09-07-18	09:30-09:32	1,262.56	39958.4821								
GOLD.	09-07-18	11:30-11:32	1,265.68	11122.0649								
GOLD.	09-07-18	13:30-13:32	1,263.64	55564.15443								
GOLD.	09-07-18	15:32-17:30			1,261.45	09-07-18 15:33	56577.21397	Other	NA	Electronic	1,261.22	1,261.45
GOLD.	10-07-18	09:30-09:32	1,253.78	118020.5963								
GOLD.	10-07-18	11:32-13:30			1,248.18	10-07-18 11:32	4390.748395	Other	NA	Electronic	1,247.94	1,248.18
GOLD.	10-07-18	13:30-13:32	1,255.42	3312.320816								
GOLD.	10-07-18	15:30-15:32	1,255.15	5519.083634								
GOLD.	11-07-18	09:32-11:30			1,250.34	11-07-18 09:35	21996.13051	Other	NA	Electronic	1,250.13	1,250.34

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GOLD.	11-07-18	11:30-11:32	1,250.82	122113.6927								
GOLD.	11-07-18	13:30-13:32	1,250.90	13199.8417								
GOLD.	11-07-18	15:30-15:32	1,247.02	1161540.208								
GOLD.	12-07-18	09:32-11:30			1,244.75	12-07-18 09:40	5473.353267	Other	NA	Electronic	1,244.56	1,244.75
GOLD.	12-07-18	11:32-13:30			1,242.97	12-07-18 11:37	1093.571366	Other	NA	Electronic	1,242.97	1,243.16
GOLD.	12-07-18	13:32-15:30			1,245.50	12-07-18 13:36	3285.990678	Other	NA	Electronic	1,245.50	1,245.70
GOLD.	12-07-18	15:30-15:32	1,248.08	16463.98734								
GOLD.	13-07-18	09:30-09:32	1,240.91	1091.293642								
GOLD.	13-07-18	11:30-11:32	1,240.03	124324.0084								
GOLD.	13-07-18	13:32-15:30			1,241.67	13-07-18 13:34	54598.10043	Other	NA	Electronic	1,241.67	1,241.90
GOLD.	13-07-18	15:32-17:30			1,242.93	13-07-18 15:32	10922.96192	Other	NA	Electronic	1,242.71	1,242.93
GOLD.	16-07-18	09:30-09:32	1,244.93	10948.28951								
GOLD.	16-07-18	11:30-11:32	1,244.58	1094.301293								
GOLD.	16-07-18	13:30-13:32	1,240.86	5455.852608								
GOLD.	16-07-18	15:32-17:30			1,238.97	16-07-18 15:33	32687.62642	Other	NA	Electronic	1,238.76	1,238.97

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GOLD.	17-07-18	09:32-11:30			1,243.37	17-07-18 09:32	5465.482367	Other	NA	Electronic	1,243.37	1,243.59
GOLD.	17-07-18	11:30-11:32	1,240.86	60009.98153								
GOLD.	17-07-18	13:30-13:32	1,231.86	125827.0161								
GOLD.	17-07-18	15:32-17:30			1,228.93	17-07-18 15:33	10809.95515	Other	NA	Electronic	1,228.93	1,229.14
GOLD.	18-07-18	09:32-11:30			1,223.55	18-07-18 09:33	25824.64163	Other	NA	Electronic	1,223.31	1,223.55
GOLD.	18-07-18	11:30-11:32	1,223.56	5414.387477								
GOLD.	18-07-18	13:30-13:32	1,224.71	41986.7294								
GOLD.	18-07-18	15:32-17:30			1,225.62	18-07-18 15:34	2155.69431	Other	NA	Electronic	1,225.62	1,225.83
GOLD.	19-07-18	09:30-09:32	1,216.63	633352.0183								
GOLD.	19-07-18	11:32-13:30			1,216.49	19-07-18 11:40	4279.271832	Other	NA	Electronic	1,216.26	1,216.49
GOLD.	19-07-18	13:30-13:32	1,216.43	1069.765192								
GOLD.	19-07-18	15:30-15:32	1,216.64	1066.977399								
GOLD.	20-07-18	09:30-09:32	1,224.72	15070.81171								
GOLD.	20-07-18	11:32-13:30			1,224.30	20-07-18 11:47	2153.372615	Other	NA	Electronic	1,224.30	1,224.50
GOLD.	20-07-18	13:32-15:30			1,230.03	20-07-18 13:37	2163.450884	Other	NA	Electronic	1,229.81	1,230.03

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GOLD.	20-07-18	15:32-17:30			1,228.04	20-07-18 15:32	2162.62422	Other	NA	Electronic	1,228.04	1,228.27
GOLD.	23-07-18	09:30-09:32	1,229.35	5405.637147								
GOLD.	23-07-18	11:30-11:32	1,231.67	224063.4069								
GOLD.	23-07-18	13:30-13:32	1,227.39	1079.403746								
GOLD.	23-07-18	15:30-15:32	1,224.12	16215.76818								
GOLD.	24-07-18	09:32-11:30			1,224.41	24-07-18 09:39	1076.615953	Other	NA	Electronic	1,224.18	1,224.41
GOLD.	24-07-18	11:30-11:32	1,226.51	1078.629848								
GOLD.	24-07-18	13:30-13:32	1,227.58	8636.566705								
GOLD.	24-07-18	15:30-15:32	1,226.21	16180.26559								
GOLD.	25-07-18	09:30-09:32	1,230.51	27053.68921								
GOLD.	25-07-18	11:32-13:30			1,231.69	25-07-18 11:34	5414.563363	Other	NA	Electronic	1,231.69	1,231.91
GOLD.	25-07-18	13:30-13:32	1,232.79	43361.2699								
GOLD.	25-07-18	15:32-17:30			1,228.73	25-07-18 15:32	32417.46548	Other	NA	Electronic	1,228.47	1,228.73
GOLD.	26-07-18	09:32-11:30			1,229.00	26-07-18 09:32	1080.819629	Other	NA	Electronic	1,228.80	1,229.00
GOLD.	26-07-18	11:32-13:30			1,227.40	26-07-18 11:40	9720.569871	Other	NA	Electronic	1,227.40	1,227.65

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GOLD.	26-07-18	13:30-13:32	1,226.95	161915.8385								
GOLD.	26-07-18	15:30-15:32	1,227.92	43194.70583								
GOLD.	27-07-18	09:30-09:32	1,219.76	21490.07123								
GOLD.	27-07-18	11:32-13:30			1,219.93	27-07-18 11:34	21456.86395	Other	NA	Electronic	1,219.73	1,219.93
GOLD.	27-07-18	13:32-15:30			1,224.49	27-07-18 13:34	5383.475508	Other	NA	Electronic	1,224.49	1,224.69
GOLD.	27-07-18	15:32-17:30			1,224.90	27-07-18 15:35	10772.13965	Other	NA	Electronic	1,224.90	1,225.14
GOLD.	30-07-18	09:32-11:30			1,222.38	30-07-18 09:40	10749.97801	Other	NA	Electronic	1,222.40	1,222.62
GOLD.	30-07-18	11:30-11:32	1,223.29	4303.192331								
GOLD.	30-07-18	13:30-13:32	1,222.66	2150.488084								
GOLD.	30-07-18	15:30-15:32	1,223.99	26910.3421								
GOLD.	31-07-18	09:30-09:32	1,219.20	8576.484038								
GOLD.	31-07-18	11:30-11:32	1,220.97	27917.61499								
GOLD.	31-07-18	13:32-15:30			1,219.83	31-07-18 13:32	102984.5044	Other	NA	Electronic	1,219.58	1,219.83
GOLD.	31-07-18	15:30-15:32	1,223.37	5523.34887								
GOLD.	01-08-18	09:32-11:30			1,222.18	01-08-18 09:39	4301.714889	Other	NA	Electronic	1,221.99	1,222.18

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GOLD.	01-08-18	11:32-13:30			1,222.49	01-08-18 11:46	8575.71014	Other	NA	Electronic	1,222.51	1,222.74
GOLD.	01-08-18	13:30-13:32	1,220.00	2150.892622								
GOLD.	01-08-18	15:32-17:30			1,218.84	01-08-18 15:34	53550.25943	Other	NA	Electronic	1,218.61	1,218.84
GOLD.	02-08-18	09:32-11:30			1,217.29	02-08-18 09:32	10705.21502	Other	NA	Electronic	1,217.11	1,217.29
GOLD.	02-08-18	11:30-11:32	1,215.97	10693.60654								
GOLD.	02-08-18	13:30-13:32	1,216.09	4277.864744								
GOLD.	02-08-18	15:32-17:30			1,213.61	02-08-18 15:44	1067.285199	Other	NA	Electronic	1,213.35	1,213.61
GOLD.	03-08-18	09:32-11:30			1,207.61	03-08-18 09:51	1062.008618	Other	NA	Electronic	1,207.61	1,207.85
GOLD.	03-08-18	11:30-11:32	1,211.97	6395.057603								
GOLD.	03-08-18	13:30-13:32	1,215.60	3206.657286								
GOLD.	03-08-18	15:32-17:30			1,218.68	03-08-18 15:37	107250.022	Other	NA	Electronic	1,218.45	1,218.68
GOLD.	06-08-18	09:32-11:30			1,211.64	06-08-18 09:33	1065.552722	Other	NA	Electronic	1,211.64	1,211.83
GOLD.	06-08-18	11:32-13:30			1,208.72	06-08-18 11:33	1062.984786	Other	NA	Electronic	1,208.72	1,208.89
GOLD.	06-08-18	13:32-15:30			1,209.36	06-08-18 13:32	1063.547621	Other	NA	Electronic	1,209.35	1,209.61
GOLD.	06-08-18	15:32-17:30			1,211.25	06-08-18 15:39	10652.09744	Other	NA	Electronic	1,211.25	1,211.48



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GOLD.	07-08-18	09:32-11:30			1,215.46	07-08-18 09:33	21368.92094	Other	NA	Electronic	1,215.46	1,215.68
GOLD.	07-08-18	11:30-11:32	1,214.20	51252.76581								
GOLD.	07-08-18	13:30-13:32	1,212.64	1066.062791								
GOLD.	07-08-18	15:32-17:30			1,212.65	07-08-18 15:33	9616.489315	Other	NA	Electronic	1,212.39	1,212.61
GOLD.	08-08-18	09:32-11:30			1,211.93	08-08-18 09:33	10658.07757	Other	NA	Electronic	1,211.69	1,211.93
GOLD.	08-08-18	11:30-11:32	1,211.07	1065.051447								
GOLD.	08-08-18	13:30-13:32	1,211.61	54339.78542								
GOLD.	08-08-18	15:32-17:30			1,210.68	08-08-18 15:34	3194.125407	Other	NA	Electronic	1,210.46	1,210.68
GOLD.	09-08-18	09:30-09:32	1,215.39	7482.06842								
GOLD.	09-08-18	11:30-11:32	1,215.01	44867.24123								
GOLD.	09-08-18	13:32-15:30			1,214.74	09-08-18 13:33	2136.55791	Other	NA	Electronic	1,214.50	1,214.74
GOLD.	09-08-18	15:32-17:30			1,214.17	09-08-18 15:38	26737.53408	Other	NA	Electronic	1,214.17	1,214.39
GOLD.	10-08-18	09:30-09:32	1,210.76	15960.61912								
GOLD.	10-08-18	11:30-11:32	1,209.85	31919.35626								
GOLD.	10-08-18	13:30-13:32	1,212.92	14924.63284								

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GOLD.	10-08-18	15:30-15:32	1,214.14	6406.085656								
GOLD.	13-08-18	09:30-09:32	1,204.16	11638.47507								
GOLD.	13-08-18	11:30-11:32	1,199.05	328117.4039								
GOLD.	13-08-18	13:32-15:30			1,200.79	13-08-18 13:34	21120.2181	Other	NA	Electronic	1,200.62	1,200.79
GOLD.	13-08-18	15:32-17:30			1,196.07	13-08-18 15:35	5259.299974	Other	NA	Electronic	1,195.87	1,196.07
GOLD.	14-08-18	09:32-11:30			1,195.05	14-08-18 09:34	1050.962976	Other	NA	Electronic	1,194.82	1,195.05
GOLD.	14-08-18	11:32-13:30			1,195.05	14-08-18 11:57	10513.93897	Other	NA	Electronic	1,195.05	1,195.30
GOLD.	14-08-18	13:30-13:32	1,197.30	7360.548764								
GOLD.	14-08-18	15:30-15:32	1,196.68	2104.792894								
GOLD.	15-08-18	09:30-09:32	1,187.51	4177.319497								
GOLD.	15-08-18	11:32-13:30			1,186.32	15-08-18 11:48	20865.71102	Other	NA	Electronic	1,186.32	1,186.56
GOLD.	15-08-18	13:32-15:30			1,183.78	15-08-18 13:36	1041.051798	Other	NA	Electronic	1,183.60	1,183.78
GOLD.	15-08-18	15:30-15:32	1,178.82	22813.06833								
GOLD.	16-08-18	09:32-11:30			1,179.92	16-08-18 09:39	2077.618503	Other	NA	Electronic	1,179.71	1,179.94
GOLD.	16-08-18	11:32-13:30			1,181.01	16-08-18 11:32	5205.566793	Other	NA	Electronic	1,180.77	1,181.01

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GOLD.	16-08-18	13:32-15:30			1,177.91	16-08-18 13:34	1035.889544	Other	NA	Electronic	1,177.71	1,177.93
GOLD.	16-08-18	15:30-15:32	1,179.33	31114.15003								
GOLD.	17-08-18	09:30-09:32	1,177.03	5182.569695								
GOLD.	17-08-18	11:32-13:30			1,175.99	17-08-18 12:09	8287.468121	Other	NA	Electronic	1,175.99	1,176.23
GOLD.	17-08-18	13:32-15:30			1,179.57	17-08-18 13:35	5174.83071	Other	NA	Electronic	1,179.57	1,179.81
GOLD.	17-08-18	15:30-15:32	1,180.64	20874.85709								
GOLD.	20-08-18	09:32-11:30			1,188.10	20-08-18 09:37	10448.50937	Other	NA	Electronic	1,188.10	1,188.35
GOLD.	20-08-18	11:32-13:30			1,186.45	20-08-18 11:38	5226.145458	Other	NA	Electronic	1,186.45	1,186.69
GOLD.	20-08-18	13:30-13:32	1,187.28	11484.7155								
GOLD.	20-08-18	15:32-17:30			1,187.51	20-08-18 15:53	46827.14801	Other	NA	Electronic	1,187.78	1,187.99
GOLD.	21-08-18	09:32-11:30			1,193.64	21-08-18 09:33	5251.868789	Other	NA	Electronic	1,193.64	1,193.89
GOLD.	21-08-18	11:32-13:30			1,192.94	21-08-18 11:39	2099.727377	Other	NA	Electronic	1,192.94	1,193.17
GOLD.	21-08-18	13:32-15:30			1,191.43	21-08-18 13:34	10423.18178	Other	NA	Electronic	1,191.22	1,191.43
GOLD.	21-08-18	15:30-15:32	1,189.31	31336.82174								
GOLD.	22-08-18	09:30-09:32	1,196.76	26278.47155								

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GOLD.	22-08-18	11:30-11:32	1,199.31	5273.546742								
GOLD.	22-08-18	13:30-13:32	1,197.78	2106.72764								
GOLD.	22-08-18	15:32-17:30			1,195.42	22-08-18 15:34	21017.50066	Other	NA	Electronic	1,195.42	1,195.65
GOLD.	23-08-18	09:30-09:32	1,187.27	10441.2101								
GOLD.	23-08-18	11:32-13:30			1,190.83	23-08-18 11:32	59799.12057	Other	NA	Electronic	1,190.64	1,190.83
GOLD.	23-08-18	13:30-13:32	1,190.09	52330.05013								
GOLD.	23-08-18	15:30-15:32	1,189.68	1046.240436								
GOLD.	24-08-18	09:30-09:32	1,189.89	14655.2458								
GOLD.	24-08-18	11:30-11:32	1,192.34	2094.362853								
GOLD.	24-08-18	13:30-13:32	1,196.37	54650.81347								
GOLD.	24-08-18	15:30-15:32	1,206.55	3184.099903								
GOLD.	27-08-18	09:32-11:30			1,204.66	27-08-18 09:35	2118.828599	Other	NA	Electronic	1,204.42	1,204.66
GOLD.	27-08-18	11:32-13:30			1,204.35	27-08-18 11:32	10591.41676	Other	NA	Electronic	1,204.12	1,204.35
GOLD.	27-08-18	13:32-15:30			1,206.35	27-08-18 13:32	10609.00536	Other	NA	Electronic	1,206.13	1,206.35
GOLD.	27-08-18	15:30-15:32	1,209.67	1061.832732								

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GOLD.	28-08-18	09:32-11:30			1,213.30	28-08-18 09:39	4192.911793	Other	NA	Electronic	1,213.06	1,213.30
GOLD.	28-08-18	11:32-13:30			1,210.70	28-08-18 11:40	21330.57779	Other	NA	Electronic	1,210.75	1,211.13
GOLD.	28-08-18	13:32-15:30			1,212.50	28-08-18 13:33	15989.88655	Other	NA	Electronic	1,212.50	1,212.72
GOLD.	28-08-18	15:32-17:30			1,208.40	28-08-18 15:33	106343.3295	Other	NA	Electronic	1,208.37	1,208.60
GOLD.	29-08-18	09:32-11:30			1,203.73	29-08-18 09:51	1058.59643	Other	NA	Electronic	1,203.73	1,203.96
GOLD.	29-08-18	11:32-13:30			1,204.32	29-08-18 11:39	5290.343857	Other	NA	Electronic	1,204.11	1,204.32
GOLD.	29-08-18	13:30-13:32	1,205.94	10605.3997								
GOLD.	29-08-18	15:32-17:30			1,203.59	29-08-18 15:33	4233.295225	Other	NA	Electronic	1,203.36	1,203.59
GOLD.	30-08-18	09:32-11:30			1,202.87	30-08-18 09:42	52892.00598	Other	NA	Electronic	1,202.87	1,203.08
GOLD.	30-08-18	11:32-13:30			1,205.28	30-08-18 11:34	1059.959546	Other	NA	Electronic	1,205.04	1,205.28
GOLD.	30-08-18	13:30-13:32	1,203.45	2116.700378								
GOLD.	30-08-18	15:30-15:32	1,199.42	9493.184416								
GOLD.	31-08-18	09:32-11:30			1,206.74	31-08-18 09:38	21224.87028	Other	NA	Electronic	1,206.74	1,206.94
GOLD.	31-08-18	11:32-13:30			1,204.15	31-08-18 11:32	105811.2743	Other	NA	Electronic	1,203.93	1,204.15
GOLD.	31-08-18	13:30-13:32	1,201.05	48591.83889								

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GOLD.	31-08-18	15:30-15:32	1,200.90	42244.30569								
GOLD.	03-09-18	09:30-09:32	1,201.96	2114.079676								
GOLD.	03-09-18	11:30-11:32	1,200.41	42227.06886								
GOLD.	03-09-18	13:32-15:30			1,200.99	03-09-18 13:40	2116.313429	Other	NA	Electronic	1,200.76	1,200.98
GOLD.	03-09-18	15:32-17:30			1,201.06	03-09-18 15:37	10562.48351	Other	NA	Electronic	1,201.06	1,201.33
GOLD.	04-09-18	09:32-11:30			1,195.83	04-09-18 09:34	15774.73397	Other	NA	Electronic	1,195.63	1,195.83
GOLD.	04-09-18	11:30-11:32	1,192.17	4204.924809								
GOLD.	04-09-18	13:30-13:32	1,191.33	57648.44781								
GOLD.	04-09-18	15:32-17:30			1,191.49	04-09-18 15:36	1047.832205	Other	NA	Electronic	1,191.49	1,191.74
GOLD.	05-09-18	09:30-09:32	1,194.62	5252.924105								
GOLD.	05-09-18	11:32-13:30			1,194.83	05-09-18 11:37	2101.539003	Other	NA	Electronic	1,194.63	1,194.83
GOLD.	05-09-18	13:30-13:32	1,197.31	28431.21098								
GOLD.	05-09-18	15:32-17:30			1,196.68	05-09-18 15:39	1049.670214	Other	NA	Electronic	1,196.68	1,196.91
GOLD.	06-09-18	09:30-09:32	1,204.45	33894.36285								
GOLD.	06-09-18	11:32-13:30			1,204.98	06-09-18 11:50	4196.183273	Other	NA	Electronic	1,204.98	1,205.19

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GOLD.	06-09-18	13:32-15:30			1,204.02	06-09-18 13:32	3176.554393	Other	NA	Electronic	1,203.86	1,204.02
GOLD.	06-09-18	15:30-15:32	1,199.51	44355.21062								
GOLD.	07-09-18	09:32-11:30			1,200.51	07-09-18 09:32	21115.29329	Other	NA	Electronic	1,196.06	1,196.25
GOLD.	07-09-18	11:30-11:32	1,201.34	2112.989183								
GOLD.	07-09-18	13:30-13:32	1,197.40	353497.0627								
GOLD.	07-09-18	15:30-15:32	1,197.54	53727.28872								
GOLD.	10-09-18	09:32-11:30			1,195.09	10-09-18 09:33	10509.89359	Other	NA	Electronic	1,195.09	1,195.33
GOLD.	10-09-18	11:32-13:30			1,193.07	10-09-18 11:34	2100.518864	Other	NA	Electronic	1,193.07	1,193.30
GOLD.	10-09-18	13:30-13:32	1,196.72	2104.863249								
GOLD.	10-09-18	15:32-17:30			1,197.12	10-09-18 15:37	42111.33585	Other	NA	Electronic	1,197.12	1,197.33
GOLD.	11-09-18	09:30-09:32	1,194.35	157752.5284								
GOLD.	11-09-18	11:32-13:30			1,194.76	11-09-18 11:36	21014.15883	Other	NA	Electronic	1,194.55	1,194.76
GOLD.	11-09-18	13:32-15:30			1,189.66	11-09-18 13:32	10462.22848	Other	NA	Electronic	1,189.66	1,189.87
GOLD.	11-09-18	15:30-15:32	1,193.55	5248.219154								
GOLD.	12-09-18	09:30-09:32	1,197.10	91575.40234								

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GOLD.	12-09-18	11:30-11:32	1,193.88	7349.538299								
GOLD.	12-09-18	13:30-13:32	1,194.90	3156.239557								
GOLD.	12-09-18	15:32-17:30			1,202.58	12-09-18 15:34	1054.858851	Other	NA	Electronic	1,202.58	1,202.82
GOLD.	13-09-18	09:32-11:30			1,206.30	13-09-18 09:32	10608.56565	Other	NA	Electronic	1,206.06	1,206.30
GOLD.	13-09-18	11:32-13:30			1,205.77	13-09-18 11:34	1060.390467	Other	NA	Electronic	1,205.77	1,206.02
GOLD.	13-09-18	13:30-13:32	1,211.89	172602.2425								
GOLD.	13-09-18	15:32-17:30			1,203.02	13-09-18 15:37	1057.972034	Other	NA	Electronic	1,203.02	1,203.24
GOLD.	14-09-18	09:30-09:32	1,206.65	21223.28731								
GOLD.	14-09-18	11:32-13:30			1,205.61	14-09-18 11:38	5293.685692	Other	NA	Electronic	1,205.61	1,205.83
GOLD.	14-09-18	13:30-13:32	1,202.18	10566.9686								
GOLD.	14-09-18	15:30-15:32	1,196.96	2107.712602								
GOLD.	17-09-18	09:32-11:30			1,197.32	17-09-18 09:37	2105.918565	Other	NA	Electronic	1,197.32	1,197.54
GOLD.	17-09-18	11:32-13:30			1,196.97	17-09-18 11:40	31579.54446	Other	NA	Electronic	1,196.71	1,196.97
GOLD.	17-09-18	13:32-15:30			1,200.94	17-09-18 13:33	1056.142819	Other	NA	Electronic	1,200.72	1,200.95
GOLD.	17-09-18	15:32-17:30			1,203.39	17-09-18 15:36	1058.297423	Other	NA	Electronic	1,203.14	1,203.39



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GOLD.	18-09-18	09:32-11:30			1,199.59	18-09-18 09:40	1053.522118	Other	NA	Electronic	1,199.59	1,199.81
GOLD.	18-09-18	11:32-13:30			1,201.42	18-09-18 11:42	10529.59282	Other	NA	Electronic	1,201.19	1,201.42
GOLD.	18-09-18	13:30-13:32	1,202.64	33825.90801								
GOLD.	18-09-18	15:32-17:30			1,199.94	18-09-18 15:42	2109.11969	Other	NA	Electronic	1,199.70	1,199.94
GOLD.	19-09-18	09:32-11:30			1,203.08	19-09-18 09:39	2114.712866	Other	NA	Electronic	1,203.08	1,203.30
GOLD.	19-09-18	11:32-13:30			1,202.89	19-09-18 11:44	2115.944068	Other	NA	Electronic	1,202.89	1,203.12
GOLD.	19-09-18	13:32-15:30			1,203.74	19-09-18 13:34	16930.92956	Other	NA	Electronic	1,203.72	1,203.98
GOLD.	19-09-18	15:32-17:30			1,203.58	19-09-18 15:39	10576.55439	Other	NA	Electronic	1,203.58	1,203.82
GOLD.	20-09-18	09:32-11:30			1,203.01	20-09-18 09:32	3173.520359	Other	NA	Electronic	1,203.01	1,203.22
GOLD.	20-09-18	11:30-11:32	1,204.03	8469.193563								
GOLD.	20-09-18	13:32-15:30			1,207.37	20-09-18 13:33	53089.87776	Other	NA	Electronic	1,207.37	1,207.58
GOLD.	20-09-18	15:30-15:32	1,204.15	2117.93158								
GOLD.	21-09-18	09:32-11:30			1,207.69	21-09-18 10:03	3186.236918	Other	NA	Electronic	1,207.46	1,207.69
GOLD.	21-09-18	11:32-13:30			1,206.02	21-09-18 11:33	7424.272272	Other	NA	Electronic	1,205.80	1,206.02
GOLD.	21-09-18	13:30-13:32	1,192.13	11535.16841								

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GOLD.	21-09-18	15:30-15:32	1,196.91	10525.98716								
GOLD.	24-09-18	09:32-11:30			1,198.42	24-09-18 09:44	26348.16639	Other	NA	Electronic	1,198.21	1,198.42
GOLD.	24-09-18	11:32-13:30			1,199.88	24-09-18 11:32	1055.210624	Other	NA	Electronic	1,199.67	1,199.88
GOLD.	24-09-18	13:30-13:32	1,203.12	169905.6196								
GOLD.	24-09-18	15:32-17:30			1,201.95	24-09-18 15:36	3171.093132	Other	NA	Electronic	1,201.69	1,201.95
GOLD.	25-09-18	09:32-11:30			1,201.04	25-09-18 10:35	1056.20438	Other	NA	Electronic	1,200.83	1,201.04
GOLD.	25-09-18	11:30-11:32	1,201.33	2112.14493								
GOLD.	25-09-18	13:32-15:30			1,202.15	25-09-18 13:32	21093.48342	Other	NA	Electronic	1,201.93	1,202.15
GOLD.	25-09-18	15:32-17:30			1,200.60	25-09-18 15:48	21116.87626	Other	NA	Electronic	1,200.60	1,200.82
GOLD.	26-09-18	09:30-09:32	1,198.56	31654.20807								
GOLD.	26-09-18	11:30-11:32	1,197.23	164267.4523								
GOLD.	26-09-18	13:32-15:30			1,194.74	26-09-18 13:37	21013.80705	Other	NA	Electronic	1,194.51	1,194.74
GOLD.	26-09-18	15:32-17:30			1,194.65	26-09-18 15:38	2101.222408	Other	NA	Electronic	1,194.46	1,194.65
GOLD.	27-09-18	09:30-09:32	1,196.08	42074.57567								
GOLD.	27-09-18	11:30-11:32	1,193.51	130160.6367								

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GOLD.	27-09-18	13:32-15:30			1,184.15	27-09-18 13:32	5206.885938	Other	NA	Electronic	1,183.93	1,184.15
GOLD.	27-09-18	15:32-17:30			1,182.81	27-09-18 15:36	3126.928151	Other	NA	Electronic	1,182.59	1,182.81
GOLD.	28-09-18	09:32-11:30			1,183.44	28-09-18 09:43	2081.505584	Other	NA	Electronic	1,183.23	1,183.44
GOLD.	28-09-18	11:32-13:30			1,182.69	28-09-18 11:33	5199.454753	Other	NA	Electronic	1,182.47	1,182.69
GOLD.	28-09-18	13:32-15:30			1,184.50	28-09-18 13:33	20833.69976	Other	NA	Electronic	1,184.50	1,184.72
GOLD.	28-09-18	15:30-15:32	1,192.89	17837.56046								
GOLDmicro	02-07-18	09:30-09:32	1,249.29	11108.28423								
GOLDmicro	02-07-18	11:30-11:32	1,249.10	1098.496174								
GOLDmicro	02-07-18	13:30-13:32	1,247.64	1097.212206								
GOLDmicro	02-07-18	15:30-15:32	1,244.92	214660.7032								
GOLDmicro	03-07-18	09:30-09:32	1,246.26	143271.0344								
GOLDmicro	03-07-18	11:30-11:32	1,246.52	4497.172632								
GOLDmicro	03-07-18	13:30-13:32	1,250.08	30353.46126								
GOLDmicro	03-07-18	15:30-15:32	1,256.05	42895.52185								
GOLDmicro	04-07-18	09:30-09:32	1,256.92	55762.03078								

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GOLDmicro	04-07-18	11:30-11:32	1,254.91	50313.54199								
GOLDmicro	04-07-18	13:30-13:32	1,255.80	2429.026471								
GOLDmicro	04-07-18	15:30-15:32	1,256.53	23936.91795								
GOLDmicro	05-07-18	09:30-09:32	1,252.77	113586.4058								
GOLDmicro	05-07-18	11:30-11:32	1,253.50	14849.53645								
GOLDmicro	05-07-18	13:30-13:32	1,254.82	250527.4825								
GOLDmicro	05-07-18	15:30-15:32	1,258.74	93090.90317								
GOLDmicro	06-07-18	09:30-09:32	1,254.37	228172.166								
GOLDmicro	06-07-18	11:30-11:32	1,254.81	1765.453346								
GOLDmicro	06-07-18	13:30-13:32	1,256.13	45342.67874								
GOLDmicro	06-07-18	15:30-15:32	1,254.71	14162.4617								
GOLDmicro	09-07-18	09:30-09:32	1,262.55	625378.497								
GOLDmicro	09-07-18	11:30-11:32	1,265.47	41857.90696								
GOLDmicro	09-07-18	13:30-13:32	1,263.41	3888.628968								
GOLDmicro	09-07-18	15:30-15:32	1,261.29	3594.345616								

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GOLDmicro	10-07-18	09:30-09:32	1,253.88	31408.21608								
GOLDmicro	10-07-18	11:30-11:32	1,248.31	130658.1674								
GOLDmicro	10-07-18	13:30-13:32	1,255.30	244290.0504								
GOLDmicro	10-07-18	15:30-15:32	1,255.11	330.9761674								
GOLDmicro	11-07-18	09:30-09:32	1,250.19	117932.8353								
GOLDmicro	11-07-18	11:30-11:32	1,250.85	2926.257937								
GOLDmicro	11-07-18	13:30-13:32	1,251.09	110.024624								
GOLDmicro	11-07-18	15:30-15:32	1,247.06	103617.7443								
GOLDmicro	12-07-18	09:32-11:30			1,244.90	12-07-18 09:32	5583.493096	Other	NA	Electronic	1,244.53	1,244.90
GOLDmicro	12-07-18	11:30-11:32	1,242.95	2962.294257								
GOLDmicro	12-07-18	13:30-13:32	1,245.84	95369.60786								
GOLDmicro	12-07-18	15:30-15:32	1,247.76	52805.27429								
GOLDmicro	13-07-18	09:30-09:32	1,240.73	75537.96051								
GOLDmicro	13-07-18	11:30-11:32	1,239.73	59420.14344								
GOLDmicro	13-07-18	13:30-13:32	1,241.88	55218.40252								

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GOLDmicro	13-07-18	15:30-15:32	1,242.64	11570.53909								
GOLDmicro	16-07-18	09:30-09:32	1,244.91	28801.035								
GOLDmicro	16-07-18	11:30-11:32	1,244.44	8841.684285								
GOLDmicro	16-07-18	13:30-13:32	1,240.91	2839.08891								
GOLDmicro	16-07-18	15:30-15:32	1,239.38	10685.05496								
GOLDmicro	17-07-18	09:30-09:32	1,243.54	39947.37042								
GOLDmicro	17-07-18	11:30-11:32	1,240.50	108659.4519								
GOLDmicro	17-07-18	13:30-13:32	1,232.03	329132.2122								
GOLDmicro	17-07-18	15:30-15:32	1,228.86	9373.685428								
GOLDmicro	18-07-18	09:30-09:32	1,223.53	44800.02832								
GOLDmicro	18-07-18	11:30-11:32	1,223.44	1259.330666								
GOLDmicro	18-07-18	13:30-13:32	1,224.83	148229.871								
GOLDmicro	18-07-18	15:30-15:32	1,225.76	7168.664146								
GOLDmicro	19-07-18	09:30-09:32	1,216.58	355273.4384								
GOLDmicro	19-07-18	11:30-11:32	1,216.81	66252.75253								

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GOLDmicro	19-07-18	13:30-13:32	1,216.38	88295.76651								
GOLDmicro	19-07-18	15:30-15:32	1,216.85	8573.992437								
GOLDmicro	20-07-18	09:30-09:32	1,224.34	58057.14001								
GOLDmicro	20-07-18	11:30-11:32	1,223.92	1108.609357								
GOLDmicro	20-07-18	13:30-13:32	1,229.61	80789.96808								
GOLDmicro	20-07-18	15:30-15:32	1,228.38	114491.8949								
GOLDmicro	23-07-18	09:30-09:32	1,229.25	151732.4694								
GOLDmicro	23-07-18	11:30-11:32	1,231.73	382164.9933								
GOLDmicro	23-07-18	13:30-13:32	1,227.60	15390.2093								
GOLDmicro	23-07-18	15:30-15:32	1,224.06	63677.52484								
GOLDmicro	24-07-18	09:30-09:32	1,223.98	26911.2655								
GOLDmicro	24-07-18	11:30-11:32	1,226.12	60425.7396								
GOLDmicro	24-07-18	13:30-13:32	1,227.26	134806.6864								
GOLDmicro	24-07-18	15:30-15:32	1,226.08	112089.0625								
GOLDmicro	25-07-18	09:30-09:32	1,230.26	123377.3813								

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GOLDmicro	25-07-18	11:32-13:30			1,231.29	25-07-18 11:32	10.82833524	Other	NA	Electronic	1,230.92	1,231.29
GOLDmicro	25-07-18	13:30-13:32	1,232.99	65574.99402								
GOLDmicro	25-07-18	15:30-15:32	1,228.72	71426.10588								
GOLDmicro	26-07-18	09:30-09:32	1,228.73	4570.009146								
GOLDmicro	26-07-18	11:30-11:32	1,228.07	197054.8581								
GOLDmicro	26-07-18	13:30-13:32	1,227.05	636785.3235								
GOLDmicro	26-07-18	15:30-15:32	1,227.98	426637.8575								
GOLDmicro	27-07-18	09:30-09:32	1,219.55	13744.14062								
GOLDmicro	27-07-18	11:30-11:32	1,219.72	107796.7331								
GOLDmicro	27-07-18	13:30-13:32	1,224.22	49250.0394								
GOLDmicro	27-07-18	15:30-15:32	1,224.79	10.77117228								
GOLDmicro	30-07-18	09:30-09:32	1,222.01	214.9344825								
GOLDmicro	30-07-18	11:30-11:32	1,223.05	23184.46161								
GOLDmicro	30-07-18	13:30-13:32	1,222.79	4462.90766								
GOLDmicro	30-07-18	15:30-15:32	1,224.18	38744.82121								



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GOLDmicro	31-07-18	09:30-09:32	1,219.16	3240.474892								
GOLDmicro	31-07-18	11:30-11:32	1,220.80	53149.59625								
GOLDmicro	31-07-18	13:30-13:32	1,218.81	346225.6808								
GOLDmicro	31-07-18	15:30-15:32	1,223.29	20364.7943								
GOLDmicro	01-08-18	09:30-09:32	1,222.46	33545.21731								
GOLDmicro	01-08-18	11:30-11:32	1,223.04	2937.495999								
GOLDmicro	01-08-18	13:30-13:32	1,220.57	62632.30991								
GOLDmicro	01-08-18	15:30-15:32	1,218.29	76958.40498								
GOLDmicro	02-08-18	09:30-09:32	1,217.31	6661.089086								
GOLDmicro	02-08-18	11:30-11:32	1,216.23	1797.050391								
GOLDmicro	02-08-18	13:30-13:32	1,216.14	68485.97239								
GOLDmicro	02-08-18	15:30-15:32	1,213.76	43085.66089								
GOLDmicro	03-08-18	09:30-09:32	1,207.84	5003.299886								
GOLDmicro	03-08-18	11:30-11:32	1,212.26	130996.1591								
GOLDmicro	03-08-18	13:30-13:32	1,215.66	277.9648228								

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GOLDmicro	03-08-18	15:30-15:32	1,219.23	6042.961921								
GOLDmicro	06-08-18	09:30-09:32	1,212.17	303358.3974								
GOLDmicro	06-08-18	11:30-11:32	1,208.91	2445.238853								
GOLDmicro	06-08-18	13:30-13:32	1,209.22	33348.34544								
GOLDmicro	06-08-18	15:30-15:32	1,211.07	4941.384399								
GOLDmicro	07-08-18	09:30-09:32	1,214.94	165659.3154								
GOLDmicro	07-08-18	11:30-11:32	1,214.43	2842.51218								
GOLDmicro	07-08-18	13:30-13:32	1,212.99	2165.354322								
GOLDmicro	07-08-18	15:30-15:32	1,211.99	543.7054788								
GOLDmicro	08-08-18	09:32-11:30			1,211.92	08-08-18 09:33	959.219066	Other	NA	Electronic	1,211.92	1,212.29
GOLDmicro	08-08-18	11:30-11:32	1,211.13	4419.281066								
GOLDmicro	08-08-18	13:30-13:32	1,211.97	426.3415707								
GOLDmicro	08-08-18	15:30-15:32	1,209.75	3404.446487								
GOLDmicro	09-08-18	09:30-09:32	1,215.08	69322.82332								
GOLDmicro	09-08-18	11:30-11:32	1,214.99	64172.8432								

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GOLDmicro	09-08-18	13:30-13:32	1,215.20	2030.498637								
GOLDmicro	09-08-18	15:30-15:32	1,214.48	152692.668								
GOLDmicro	10-08-18	09:30-09:32	1,210.87	35951.31044								
GOLDmicro	10-08-18	11:30-11:32	1,209.81	1936.953654								
GOLDmicro	10-08-18	13:30-13:32	1,213.15	129818.1441								
GOLDmicro	10-08-18	15:30-15:32	1,214.17	128616.8683								
GOLDmicro	13-08-18	09:30-09:32	1,203.97	130264.1572								
GOLDmicro	13-08-18	11:30-11:32	1,199.13	39751.83194								
GOLDmicro	13-08-18	13:30-13:32	1,202.04	1091.718231								
GOLDmicro	13-08-18	15:30-15:32	1,196.15	2788.459063								
GOLDmicro	14-08-18	09:30-09:32	1,195.37	1051.244394								
GOLDmicro	14-08-18	11:30-11:32	1,195.09	106.1120394								
GOLDmicro	14-08-18	13:30-13:32	1,197.09	11797.12145								
GOLDmicro	14-08-18	15:30-15:32	1,196.93	1527.484478								
GOLDmicro	15-08-18	09:30-09:32	1,187.39	40976.63697								

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GOLDmicro	15-08-18	11:30-11:32	1,184.71	7282.134377								
GOLDmicro	15-08-18	13:30-13:32	1,184.09	62924.63372								
GOLDmicro	15-08-18	15:30-15:32	1,178.79	4614.069387								
GOLDmicro	16-08-18	09:30-09:32	1,180.05	1037.88585								
GOLDmicro	16-08-18	11:30-11:32	1,181.11	32172.25398								
GOLDmicro	16-08-18	13:30-13:32	1,177.81	27263.56838								
GOLDmicro	16-08-18	15:30-15:32	1,179.70	68837.628								
GOLDmicro	17-08-18	09:30-09:32	1,176.94	6310.72553								
GOLDmicro	17-08-18	11:30-11:32	1,177.10	1034.069123								
GOLDmicro	17-08-18	13:30-13:32	1,179.42	22007.72949								
GOLDmicro	17-08-18	15:30-15:32	1,180.30	242371.4947								
GOLDmicro	20-08-18	09:30-09:32	1,188.71	2874.749362								
GOLDmicro	20-08-18	11:30-11:32	1,187.30	10447.98171								
GOLDmicro	20-08-18	13:30-13:32	1,186.87	417.5164893								
GOLDmicro	20-08-18	15:30-15:32	1,186.53	1263.329962								

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GOLDmicro	21-08-18	09:30-09:32	1,194.11	22056.01442								
GOLDmicro	21-08-18	11:30-11:32	1,192.96	104.9124967								
GOLDmicro	21-08-18	13:30-13:32	1,191.60	125.6470847								
GOLDmicro	21-08-18	15:30-15:32	1,189.32	222672.8954								
GOLDmicro	22-08-18	09:30-09:32	1,196.92	11156.98391								
GOLDmicro	22-08-18	11:30-11:32	1,199.22	62960.68947								
GOLDmicro	22-08-18	13:30-13:32	1,197.97	3912.451324								
GOLDmicro	22-08-18	15:30-15:32	1,194.86	5925.666344								
GOLDmicro	23-08-18	09:30-09:32	1,187.09	5501.616305								
GOLDmicro	23-08-18	11:30-11:32	1,190.29	418.7107554								
GOLDmicro	23-08-18	13:30-13:32	1,190.12	4636.26163								
GOLDmicro	23-08-18	15:30-15:32	1,189.96	10.5166652								
GOLDmicro	24-08-18	09:30-09:32	1,190.01	63831.81778								
GOLDmicro	24-08-18	11:30-11:32	1,192.30	503.3251253								
GOLDmicro	24-08-18	13:30-13:32	1,196.47	77385.26761								

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GOLDmicro	24-08-18	15:30-15:32	1,206.40	42727.58236								
GOLDmicro	27-08-18	09:30-09:32	1,203.87	487.0136312								
GOLDmicro	27-08-18	11:30-11:32	1,203.98	1185.942749								
GOLDmicro	27-08-18	13:30-13:32	1,206.41	2588.733093								
GOLDmicro	27-08-18	15:30-15:32	1,209.65	19438.17316								
GOLDmicro	28-08-18	09:30-09:32	1,213.35	5973.493096								
GOLDmicro	28-08-18	11:30-11:32	1,211.58	56773.50066								
GOLDmicro	28-08-18	13:30-13:32	1,212.03	799.688242								
GOLDmicro	28-08-18	15:30-15:32	1,208.63	1710.525811								
GOLDmicro	29-08-18	09:30-09:32	1,204.44	106914.3074								
GOLDmicro	29-08-18	11:32-13:30			1,204.01	29-08-18 11:33	952.7447014	Other	NA	Electronic	1,203.67	1,204.01
GOLDmicro	29-08-18	13:30-13:32	1,205.95	19687.2801								
GOLDmicro	29-08-18	15:30-15:32	1,203.33	13542.6594								
GOLDmicro	30-08-18	09:32-11:30			1,203.15	30-08-18 09:33	10.5808636	Other	NA	Electronic	1,202.80	1,203.15
GOLDmicro	30-08-18	11:30-11:32	1,204.56	105932.6357								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GOLDmicro	30-08-18	13:30-13:32	1,202.82	24524.03447								
GOLDmicro	30-08-18	15:30-15:32	1,199.41	1840.643127								
GOLDmicro	31-08-18	09:30-09:32	1,206.35	3092.020491								
GOLDmicro	31-08-18	11:30-11:32	1,203.87	32783.99367								
GOLDmicro	31-08-18	13:30-13:32	1,201.09	40126.15751								
GOLDmicro	31-08-18	15:30-15:32	1,201.25	29044.04142								
GOLDmicro	03-09-18	09:30-09:32	1,201.83	198092.4639								
GOLDmicro	03-09-18	11:30-11:32	1,200.21	21451.08179								
GOLDmicro	03-09-18	13:30-13:32	1,200.67	8457.585085								
GOLDmicro	03-09-18	15:32-17:30			1,201.10	03-09-18 15:32	3168.850585	Other	NA	Electronic	1,201.10	1,201.49
GOLDmicro	04-09-18	09:30-09:32	1,195.94	2745.345176								
GOLDmicro	04-09-18	11:30-11:32	1,192.17	2736.495119								
GOLDmicro	04-09-18	13:30-13:32	1,191.68	21086.4464								
GOLDmicro	04-09-18	15:30-15:32	1,191.20	49235.5244								
GOLDmicro	05-09-18	09:30-09:32	1,194.47	24212.64902								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GOLDmicro	05-09-18	11:32-13:30			1,195.33	05-09-18 11:32	1681.146777	Other	NA	Electronic	1,195.00	1,195.33
GOLDmicro	05-09-18	13:30-13:32	1,197.00	28208.3326								
GOLDmicro	05-09-18	15:30-15:32	1,196.74	38486.89007								
GOLDmicro	06-09-18	09:30-09:32	1,204.09	9787.147129								
GOLDmicro	06-09-18	11:30-11:32	1,205.07	1695.888136								
GOLDmicro	06-09-18	13:30-13:32	1,203.46	3445.879782								
GOLDmicro	06-09-18	15:30-15:32	1,199.64	29513.26708								
GOLDmicro	07-09-18	09:30-09:32	1,200.82	686.3792103								
GOLDmicro	07-09-18	11:30-11:32	1,201.46	49699.72474								
GOLDmicro	07-09-18	13:30-13:32	1,197.12	7128.655								
GOLDmicro	07-09-18	15:30-15:32	1,197.56	1274.623956								
GOLDmicro	10-09-18	09:30-09:32	1,195.73	1471.639258								
GOLDmicro	10-09-18	11:30-11:32	1,194.00	147.0055404								
GOLDmicro	10-09-18	13:30-13:32	1,196.54	29826.60329								
GOLDmicro	10-09-18	15:30-15:32	1,196.75	315.7374022								



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
GOLDmicro	11-09-18	09:30-09:32	1,194.32	10219.99692								
GOLDmicro	11-09-18	11:30-11:32	1,194.37	43164.17465								
GOLDmicro	11-09-18	13:30-13:32	1,189.63	35690.48017								
GOLDmicro	11-09-18	15:30-15:32	1,193.92	1028.923138								
GOLDmicro	12-09-18	09:30-09:32	1,196.80	177450.8477								
GOLDmicro	12-09-18	11:30-11:32	1,194.31	173577.7038								
GOLDmicro	12-09-18	13:30-13:32	1,195.23	21460.40638								
GOLDmicro	12-09-18	15:30-15:32	1,203.49	61665.98892								
GOLDmicro	13-09-18	09:30-09:32	1,205.99	2121.686747								
GOLDmicro	13-09-18	11:30-11:32	1,206.27	52.93026119								
GOLDmicro	13-09-18	13:30-13:32	1,212.01	95378.67769								
GOLDmicro	13-09-18	15:30-15:32	1,203.38	110133.8173								
GOLDmicro	14-09-18	09:30-09:32	1,206.80	10612.9628								
GOLDmicro	14-09-18	11:30-11:32	1,205.93	2248.126286								
GOLDmicro	14-09-18	13:30-13:32	1,202.14	34002.81875								

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GOLDmicro	14-09-18	15:30-15:32	1,197.00	27535.29531								
GOLDmicro	17-09-18	09:30-09:32	1,197.12	1157.884091								
GOLDmicro	17-09-18	11:30-11:32	1,196.78	26307.57189								
GOLDmicro	17-09-18	13:30-13:32	1,200.70	3273.617096								
GOLDmicro	17-09-18	15:30-15:32	1,202.80	264.4512356								
GOLDmicro	18-09-18	09:30-09:32	1,199.38	4831.549204								
GOLDmicro	18-09-18	11:30-11:32	1,200.21	7176.484038								
GOLDmicro	18-09-18	13:30-13:32	1,202.71	145485.0759								
GOLDmicro	18-09-18	15:30-15:32	1,198.91	8644.838625								
GOLDmicro	19-09-18	09:30-09:32	1,202.73	105.7716999								
GOLDmicro	19-09-18	11:30-11:32	1,202.51	655.895084								
GOLDmicro	19-09-18	13:30-13:32	1,203.66	47495.10509								
GOLDmicro	19-09-18	15:30-15:32	1,203.89	7621.769413								
GOLDmicro	20-09-18	09:30-09:32	1,202.81	10.57787354								
GOLDmicro	20-09-18	11:30-11:32	1,203.87	31505.54498								

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GOLDmicro	20-09-18	13:30-13:32	1,206.94	4348.628089								
GOLDmicro	20-09-18	15:30-15:32	1,204.29	41316.60575								
GOLDmicro	21-09-18	09:30-09:32	1,207.70	11843.66634								
GOLDmicro	21-09-18	11:30-11:32	1,205.87	4246.838449								
GOLDmicro	21-09-18	13:30-13:32	1,192.50	63579.2305								
GOLDmicro	21-09-18	15:30-15:32	1,197.56	19200.1269								
GOLDmicro	24-09-18	09:32-11:30			1,198.54	24-09-18 09:33	105.4032187	Other	NA	Electronic	1,198.54	1,198.88
GOLDmicro	24-09-18	11:30-11:32	1,200.14	13827.62958								
GOLDmicro	24-09-18	13:30-13:32	1,203.06	184510.5853								
GOLDmicro	24-09-18	15:30-15:32	1,201.15	1563.437604								
GOLDmicro	25-09-18	09:30-09:32	1,199.97	1496.082315								
GOLDmicro	25-09-18	11:30-11:32	1,201.65	7841.722188								
GOLDmicro	25-09-18	13:30-13:32	1,201.97	211.1494152								
GOLDmicro	25-09-18	15:30-15:32	1,202.24	8015.036848								
GOLDmicro	26-09-18	09:30-09:32	1,198.79	12198.36285								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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GOLDmicro	26-09-18	11:30-11:32	1,197.16	19087.61754								
GOLDmicro	26-09-18	13:30-13:32	1,195.35	1598.009146								
GOLDmicro	26-09-18	15:30-15:32	1,194.46	746.3276757								
GOLDmicro	27-09-18	09:30-09:32	1,196.04	10550.75728								
GOLDmicro	27-09-18	11:30-11:32	1,193.68	188145.4319								
GOLDmicro	27-09-18	13:30-13:32	1,184.24	50796.55879								
GOLDmicro	27-09-18	15:30-15:32	1,182.62	19816.12655								
GOLDmicro	28-09-18	09:30-09:32	1,183.64	3371.876792								
GOLDmicro	28-09-18	11:30-11:32	1,182.84	17378.97291								
GOLDmicro	28-09-18	13:30-13:32	1,185.23	162999.6693								
GOLDmicro	28-09-18	15:30-15:32	1,192.62	18936.1546								
GoldmSachs	09-07-18	13:32-15:30			226.25	09-07-18 15:21	1989.710667	Other	NA	Electronic	226.25	226.48
GoldmSachs	09-07-18	15:32-17:30			227.15	09-07-18 16:25	1989.710667	Other	NA	Electronic	226.92	227.15
GoldmSachs	10-07-18	13:32-15:30			227.42	10-07-18 13:53	2000	Other	NA	Electronic	227.42	227.72
GoldmSachs	10-07-18	15:32-17:30			226.74	10-07-18 16:56	1994.019875	Other	NA	Electronic	226.46	226.74

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GoldmSachs	11-07-18	13:32-15:30			227	11-07-18 15:03	3992.612787	Other	NA	Electronic	226.77	227
GoldmSachs	12-07-18	15:32-17:30			227.6	12-07-18 16:30	2001.582974	Other	NA	Electronic	227.4	227.6
GoldmSachs	13-07-18	15:32-17:30			227.26	13-07-18 17:18	1994.019875	Other	NA	Electronic	227.26	227.49
GoldmSachs	16-07-18	13:32-15:30			228.39	16-07-18 13:46	2006.068068	Other	NA	Electronic	228.39	228.72
GoldmSachs	19-07-18	13:32-15:30			229.25	19-07-18 13:55	2016.093571	Other	NA	Electronic	228.93	229.25
GoldmSachs	20-07-18	13:32-15:30			231.57	20-07-18 15:12	10344.2969	Other	NA	Electronic	231.57	231.8
GoldmSachs	15-08-18	13:32-15:30			229.18	15-08-18 14:19	2001.582974	Other	NA	Electronic	229.18	229.39
GoldmSachs	21-08-18	13:32-15:30			236.97	21-08-18 13:40	2083.985577	Other	NA	Electronic	236.97	237.32
GoldmSachs	22-08-18	13:32-15:30			238.05	22-08-18 13:40	2093.483423	Other	NA	Electronic	238.05	238.36
GoldmSachs	27-08-18	13:32-15:30			242.01	27-08-18 14:06	2083.985577	Other	NA	Electronic	241.8	242.01
GoldmSachs	27-08-18	15:32-17:30			243.56	27-08-18 17:08	2093.483423	Other	NA	Electronic	243.29	243.56
GoldmSachs	28-08-18	13:32-15:30			242.54	28-08-18 13:40	2132.969836	Other	NA	Electronic	242.54	242.84
GoldmSachs	04-09-18	13:32-15:30			236.12	04-09-18 13:40	2132.969836	Other	NA	Electronic	235.73	236.12
GoldmSachs	20-09-18	13:32-15:30			238.24	20-09-18 13:40	2095.15434	Other	NA	Electronic	238.24	238.55
GoldmSachs	21-09-18	13:32-15:30			236.61	21-09-18 13:40	2080.819629	Other	NA	Electronic	236.61	236.96

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GoldmSachs	24-09-18	15:32-17:30			232.77	24-09-18 16:05	2095.15434	Other	NA	Electronic	232.59	232.77
GoldmSachs	26-09-18	13:32-15:30			231.3	26-09-18 14:09	2080.819629	Other	NA	Electronic	231.02	231.3
Google	02-07-18	13:32-15:30			1,107.48	02-07-18 14:00	9870.9876	Other	NA	Electronic	1,107.48	1,110.29
Google	03-07-18	15:32-17:30			1,112.34	03-07-18 16:00	9878.023041	Other	NA	Electronic	1,112.34	1,115.12
Google	05-07-18	15:32-17:30			1,119.61	05-07-18 16:00	9846.18767	Other	NA	Electronic	1,116.32	1,119.61
Google	06-07-18	15:32-17:30			1,138.89	06-07-18 17:16	9889.191804	Other	NA	Electronic	1,138.89	1,141.11
Google	09-07-18	13:32-15:30			1,148.61	09-07-18 14:57	10101.22241	Other	NA	Electronic	1,145.98	1,148.61
Google	11-07-18	13:32-15:30			1,158.30	11-07-18 14:53	10023.65667	Other	NA	Electronic	1,158.30	1,161.03
Google	11-07-18	15:32-17:30			1,162.20	11-07-18 15:56	10220.73696	Other	NA	Electronic	1,158.81	1,162.20
Google	12-07-18	15:32-17:30			1,174.74	12-07-18 15:34	9997.801425	Other	NA	Electronic	1,174.74	1,177.48
Google	16-07-18	15:32-17:30			1,188.62	16-07-18 16:46	10453.0824	Other	NA	Electronic	1,185.93	1,188.62
Google	17-07-18	13:32-15:30			1,183.08	17-07-18 13:58	10385.36628	Other	NA	Electronic	1,183.08	1,185.97
Google	18-07-18	13:32-15:30			1,200.47	18-07-18 13:43	10557.29487	Other	NA	Electronic	1,197.95	1,200.47
Google	18-07-18	15:32-17:30			1,198.33	18-07-18 15:56	10538.47507	Other	NA	Electronic	1,195.97	1,198.33
Google	19-07-18	13:32-15:30			1,187.94	19-07-18 14:05	10447.10228	Other	NA	Electronic	1,187.94	1,190.70

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Google	19-07-18	15:32-17:30			1,190.93	19-07-18 15:49	10220.73696	Other	NA	Electronic	1,190.93	1,193.80
Google	20-07-18	13:32-15:30			1,190.75	20-07-18 13:41	10424.76475	Other	NA	Electronic	1,188.02	1,190.75
Google	20-07-18	15:32-17:30			1,194.81	20-07-18 15:38	10462.31642	Other	NA	Electronic	1,194.81	1,197.63
Google	23-07-18	13:32-15:30			1,196.20	23-07-18 15:00	10519.74321	Other	NA	Electronic	1,193.90	1,196.20
Google	23-07-18	15:32-17:30			1,197.90	23-07-18 15:36	20998.50497	Other	NA	Electronic	1,197.90	1,201.49
Google	24-07-18	13:32-15:30			1,262.91	24-07-18 13:40	42191.18811	Other	NA	Electronic	1,259.99	1,262.91
Google	24-07-18	15:32-17:30			1,249.79	24-07-18 16:38	8671.444904	Other	NA	Electronic	1,249.79	1,252.29
Google	25-07-18	13:32-15:30			1,255.01	25-07-18 13:58	21984.69792	Other	NA	Electronic	1,255.01	1,257.51
Google	27-07-18	13:32-15:30			1,261.41	27-07-18 14:22	22186.43919	Other	NA	Electronic	1,258.56	1,261.41
Google	27-07-18	15:32-17:30			1,249.38	27-07-18 16:26	21974.8483	Other	NA	Electronic	1,247.10	1,249.38
Google	30-07-18	13:32-15:30			1,210.76	30-07-18 13:55	10538.47507	Other	NA	Electronic	1,210.76	1,214.18
Google	01-08-18	13:32-15:30			1,224.32	01-08-18 13:40	22186.43919	Other	NA	Electronic	1,224.32	1,227.98
Google	02-08-18	13:32-15:30			1,206.90	02-08-18 13:47	10770.46874	Other	NA	Electronic	1,206.90	1,211.82
Google	03-08-18	13:32-15:30			1,216.22	03-08-18 15:00	10783.74813	Other	NA	Electronic	1,216.22	1,219.56
Google	15-08-18	13:32-15:30			1,233.09	15-08-18 13:43	21688.32996	Other	NA	Electronic	1,230.82	1,233.09

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Google	16-08-18	13:32-15:30			1,221.56	16-08-18 14:33	10742.76669	Other	NA	Electronic	1,221.56	1,223.73
Google	17-08-18	13:32-15:30			1,191.94	17-08-18 14:08	10858.93941	Other	NA	Electronic	1,191.94	1,195.43
Google	30-08-18	15:32-17:30			1,250.99	30-08-18 16:48	11001.58297	Other	NA	Electronic	1,248.49	1,250.99
Google	04-09-18	13:32-15:30			1,201.80	04-09-18 14:05	10568.99129	Other	NA	Electronic	1,201.80	1,204.99
Google	05-09-18	13:32-15:30			1,191.44	05-09-18 13:40	10477.88233	Other	NA	Electronic	1,188.46	1,191.44
Google	06-09-18	13:32-15:30			1,163.64	06-09-18 14:38	20466.80151	Other	NA	Electronic	1,161.34	1,163.64
Google	10-09-18	13:32-15:30			1,174.18	10-09-18 13:41	10164.80521	Other	NA	Electronic	1,170.78	1,174.18
Google	11-09-18	13:32-15:30			1,173.01	11-09-18 14:08	10313.25301	Other	NA	Electronic	1,173.01	1,175.23
Google	17-09-18	13:32-15:30			1,158.40	17-09-18 14:07	10255.12268	Other	NA	Electronic	1,158.40	1,161.56
Google	27-09-18	13:32-15:30			1,196.46	27-09-18 14:33	11001.58297	Other	NA	Electronic	1,196.46	1,198.76
Google	28-09-18	13:32-15:30			1,189.60	28-09-18 14:10	20923.40164	Other	NA	Electronic	1,187.65	1,189.60
GoPro	21-09-18	13:32-15:30			6.33	21-09-18 14:14	55.66792718	Other	NA	Electronic	6.27	6.33
GoPro	21-09-18	15:32-17:30			6.43	21-09-18 16:01	56.54735731	Other	NA	Electronic	6.37	6.43
GoPro	26-09-18	13:32-15:30			7.33	26-09-18 13:40	64.46222848	Other	NA	Electronic	7.26	7.33
GoPro	27-09-18	13:32-15:30			7.38	27-09-18 14:16	65.34165861	Other	NA	Electronic	7.38	7.44



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GRE20Cash	02-07-18	11:32-13:30			1,974.56	02-07-18 12:25	197.456	Other	NA	Electronic	1,974.56	1,977.56
GRE20Cash	02-07-18	13:32-15:30			1,966.40	02-07-18 13:49	196.64	Other	NA	Electronic	1,966.40	1,969.40
GRE20Cash	04-07-18	11:32-13:30			1,952.49	04-07-18 12:48	195.853	Other	NA	Electronic	1,949.49	1,952.49
GRE20Cash	12-07-18	09:32-11:30			2,000.56	12-07-18 10:58	2600.728	Other	NA	Electronic	1,997.56	2,000.56
GRE20Cash	16-07-18	11:32-13:30			2,025.41	16-07-18 12:33	202.541	Other	NA	Electronic	2,022.41	2,025.41
GRE20Cash	17-07-18	11:32-13:30			2,026.05	17-07-18 12:33	202.541	Other	NA	Electronic	2,026.05	2,029.05
GRE20Cash	17-07-18	13:32-15:30			2,036.64	17-07-18 13:46	10183.2	Other	NA	Electronic	2,033.64	2,036.64
GRE20Cash	18-07-18	11:32-13:30			2,045.08	18-07-18 12:57	10225.4	Other	NA	Electronic	2,042.08	2,045.08
GRE20Cash	20-07-18	09:32-11:30			2,021.83	20-07-18 09:56	4043.66	Other	NA	Electronic	2,018.83	2,021.83
GRE20Cash	23-07-18	09:32-11:30			1,993.66	23-07-18 10:52	4036.6	Other	NA	Electronic	1,993.66	1,996.66
GRE20Cash	23-07-18	13:32-15:30			1,999.59	23-07-18 13:52	199.959	Other	NA	Electronic	1,996.59	1,999.59
GRE20Cash	24-07-18	11:32-13:30			2,000.64	24-07-18 11:55	600.192	Other	NA	Electronic	1,997.64	2,000.64
GRE20Cash	25-07-18	11:32-13:30			1,993.62	25-07-18 12:52	600.192	Other	NA	Electronic	1,993.62	1,996.62
GRE20Cash	26-07-18	09:32-11:30			2,001.48	26-07-18 09:41	200.148	Other	NA	Electronic	1,998.48	2,001.48
GRE20Cash	26-07-18	13:32-15:30			1,993.95	26-07-18 13:33	199.395	Other	NA	Electronic	1,990.95	1,993.95

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GRE20Cash	27-07-18	11:32-13:30			1,986.39	27-07-18 13:24	198.639	Other	NA	Electronic	1,983.39	1,986.39
GRE20Cash	27-07-18	13:32-15:30			1,984.14	27-07-18 13:40	198.414	Other	NA	Electronic	1,981.14	1,984.14
GRE20Cash	31-07-18	13:32-15:30			2,021.99	31-07-18 13:34	2600.728	Other	NA	Electronic	2,021.99	2,024.99
GRE20Cash	01-08-18	11:32-13:30			2,013.14	01-08-18 11:33	201.314	Other	NA	Electronic	2,010.14	2,013.14
GRE20Cash	03-08-18	11:32-13:30			2,014.83	03-08-18 12:51	2012.03	Other	NA	Electronic	2,014.83	2,017.83
GRE20Cash	10-08-18	11:32-13:30			1,983.71	10-08-18 11:47	198.371	Other	NA	Electronic	1,983.71	1,986.71
GRE20Cash	13-08-18	11:32-13:30			1,927.30	13-08-18 11:43	195.156	Other	NA	Electronic	1,924.30	1,927.30
GRE20Cash	14-08-18	11:32-13:30			1,918.97	14-08-18 11:54	192.722	Other	NA	Electronic	1,915.97	1,918.97
GRE20Cash	16-08-18	11:32-13:30			1,889.77	16-08-18 12:36	188.977	Other	NA	Electronic	1,889.77	1,892.77
GRE20Cash	21-08-18	09:32-11:30			1,876.65	21-08-18 10:18	187.665	Other	NA	Electronic	1,873.65	1,876.65
GRE20Cash	22-08-18	09:32-11:30			1,871.05	22-08-18 11:24	935.525	Other	NA	Electronic	1,868.05	1,871.05
GRE20Cash	22-08-18	11:32-13:30			1,879.68	22-08-18 12:06	187.665	Other	NA	Electronic	1,879.68	1,882.68
GRE20Cash	23-08-18	11:32-13:30			1,914.73	23-08-18 12:27	935.525	Other	NA	Electronic	1,914.73	1,917.73
GRE20Cash	03-09-18	09:32-11:30			1,903.36	03-09-18 10:00	190.336	Other	NA	Electronic	1,900.36	1,903.36
GRE20Cash	04-09-18	11:32-13:30			1,871.79	04-09-18 13:27	187.179	Other	NA	Electronic	1,868.79	1,871.79

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GRE20Cash	05-09-18	09:32-11:30			1,843.55	05-09-18 10:32	184.355	Other	NA	Electronic	1,840.55	1,843.55
GRE20Cash	05-09-18	11:32-13:30			1,849.01	05-09-18 12:59	184.355	Other	NA	Electronic	1,849.01	1,852.01
GRE20Cash	05-09-18	13:32-15:30			1,841.27	05-09-18 13:40	184.127	Other	NA	Electronic	1,838.27	1,841.27
GRE20Cash	18-09-18	11:32-13:30			1,800.75	18-09-18 13:05	359.67	Other	NA	Electronic	1,800.75	1,803.75
GRE20Cash	20-09-18	09:32-11:30			1,791.64	20-09-18 11:04	179.164	Other	NA	Electronic	1,788.64	1,791.64
GRE20Cash	25-09-18	09:32-11:30			1,832.31	25-09-18 09:58	183.231	Other	NA	Electronic	1,829.31	1,832.31
GRE20Cash	28-09-18	11:32-13:30			1,827.53	28-09-18 11:54	913.765	Other	NA	Electronic	1,827.53	1,830.53
Grifols	13-09-18	11:32-13:30			24.298	13-09-18 13:24	246.23	Other	NA	Electronic	24.298	24.363
Grifols	24-09-18	09:32-11:30			24.073	24-09-18 10:35	246.98	Other	NA	Electronic	24.008	24.073
GrupoOHL	28-09-18	11:32-13:30			1.831	28-09-18 12:33	18.31	Other	NA	Electronic	1.799	1.831
GSK	18-07-18	09:32-11:30			15.898	18-07-18 09:45	1743.671132	Other	NA	Electronic	15.898	15.923
GSK	03-09-18	11:32-13:30			15.858	03-09-18 12:33	5227.683873	Other	NA	Electronic	15.858	15.883
GSK	05-09-18	11:32-13:30			15.478	05-09-18 13:09	5228.349777	Other	NA	Electronic	15.478	15.505
GSK	10-09-18	11:32-13:30			15.024	10-09-18 13:23	5080.518962	Other	NA	Electronic	15.024	15.049
GSK	11-09-18	13:32-15:30			14.85	11-09-18 14:48	5016.592122	Other	NA	Electronic	14.85	14.875

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GSK	21-09-18	11:32-13:30			15.184	21-09-18 13:25	4992.619558	Other	NA	Electronic	15.184	15.209
GSOIL-AUG18	13-07-18	13:32-15:30			651.88	13-07-18 15:02	2290.49336	Other	NA	Electronic	651.88	653.38
GSOIL-AUG18	16-07-18	11:32-13:30			638.13	16-07-18 12:57	2244.762994	Other	NA	Electronic	638.13	639.63
GSOIL-AUG18	16-07-18	13:32-15:30			634.88	16-07-18 14:08	2233.330402	Other	NA	Electronic	634.88	636.38
GSOIL-AUG18	16-07-18	15:32-17:30			629.88	16-07-18 16:19	11078.709	Other	NA	Electronic	629.88	631.38
GSOIL-AUG18	18-07-18	13:32-15:30			632.5	18-07-18 15:06	8855.931756	Other	NA	Electronic	632.63	634.13
GSOIL-AUG18	18-07-18	15:32-17:30			639.5	18-07-18 16:59	2249.582271	Other	NA	Electronic	638	639.5
GSOIL-AUG18	19-07-18	09:32-11:30			632.88	19-07-18 09:40	2226.294961	Other	NA	Electronic	632.88	634.38
GSOIL-AUG18	19-07-18	11:32-13:30			634.63	19-07-18 11:56	2221.89781	Other	NA	Electronic	633.13	634.63
GSOIL-AUG18	19-07-18	13:32-15:30			643.13	19-07-18 13:38	2262.351596	Other	NA	Electronic	641.63	643.13
GSOIL-AUG18	20-07-18	11:32-13:30			647.63	20-07-18 13:26	2278.181338	Other	NA	Electronic	646.13	647.63
GSOIL-AUG18	20-07-18	13:32-15:30			645.13	20-07-18 13:49	2269.387037	Other	NA	Electronic	645.13	646.63
GSOIL-AUG18	23-07-18	09:32-11:30			652	23-07-18 09:35	11078.709	Other	NA	Electronic	650.5	652
GSOIL-AUG18	23-07-18	11:32-13:30			650.38	23-07-18 11:59	2285.21678	Other	NA	Electronic	650.38	651.88
GSOIL-AUG18	23-07-18	15:32-17:30			642.13	23-07-18 17:05	2300.167092	Other	NA	Electronic	642.13	643.63

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GSOIL-AUG18	24-07-18	09:32-11:30			648.88	24-07-18 11:16	2282.578489	Other	NA	Electronic	648.88	650.38
GSOIL-AUG18	24-07-18	11:32-13:30			653.13	24-07-18 12:49	2297.528801	Other	NA	Electronic	651.63	653.13
GSOIL-AUG18	24-07-18	13:32-15:30			654.88	24-07-18 14:15	2287.85507	Other	NA	Electronic	654.88	656.38
GSOIL-AUG18	25-07-18	09:32-11:30			657.38	25-07-18 10:16	2312.479114	Other	NA	Electronic	657.38	658.88
GSOIL-AUG18	25-07-18	11:32-13:30			656.63	25-07-18 12:38	2309.840823	Other	NA	Electronic	655.13	656.63
GSOIL-AUG18	25-07-18	13:32-15:30			654.38	25-07-18 15:16	2312.479114	Other	NA	Electronic	652.88	654.38
GSOIL-AUG18	26-07-18	09:32-11:30			661.88	26-07-18 11:04	2330.067716	Other	NA	Electronic	661.88	663.38
GSOIL-AUG18	26-07-18	13:32-15:30			664.25	26-07-18 15:11	2276.844605	Other	NA	Electronic	662.75	664.25
GSOIL-AUG18	27-07-18	11:32-13:30			666.88	27-07-18 12:35	2345.897458	Other	NA	Electronic	665.38	666.88
GSOIL-AUG18	30-07-18	13:32-15:30			662.13	30-07-18 15:05	2324.791135	Other	NA	Electronic	662.13	663.63
GSOIL-AUG18	31-07-18	13:32-15:30			653.38	31-07-18 14:22	2298.408231	Other	NA	Electronic	651.88	653.38
GSOIL-AUG18	01-08-18	09:32-11:30			641.88	01-08-18 10:50	2257.954446	Other	NA	Electronic	641.88	643.38
GSOIL-AUG18	01-08-18	11:32-13:30			639.13	01-08-18 11:53	2264.989887	Other	NA	Electronic	639.13	640.63
GSOIL-AUG18	03-08-18	09:30-09:32	649.88	2286.09621								
GSOIL-AUG18	07-08-18	09:32-11:30			660.88	07-08-18 10:00	2324.791135	Other	NA	Electronic	659.38	660.88

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GSOIL-AUG18	07-08-18	13:32-15:30			661.63	07-08-18 15:12	2327.429426	Other	NA	Electronic	660.13	661.63
GSOIL-JUL18	04-07-18	11:32-13:30			666.38	04-07-18 11:49	2344.138598	Other	NA	Electronic	666.38	668.38
GSOIL-JUL18	04-07-18	13:32-15:30			668.13	04-07-18 15:29	2344.138598	Other	NA	Electronic	666.13	668.13
GSOIL-JUL18	05-07-18	13:32-15:30			670.38	05-07-18 13:58	4716.418961	Other	NA	Electronic	668.88	670.38
GSOIL-JUL18	05-07-18	15:32-17:30			671.13	05-07-18 17:20	2360.847771	Other	NA	Electronic	671.13	672.63
GSOIL-JUL18	06-07-18	11:32-13:30			659.38	06-07-18 12:12	2347.199015	Other	NA	Electronic	659.38	660.88
GSOIL-OCT18	13-09-18	09:32-11:30			693.63	13-09-18 11:24	2439.996482	Other	NA	Electronic	692.13	693.63
GSOIL-OCT18	13-09-18	11:32-13:30			692.38	13-09-18 12:11	2439.996482	Other	NA	Electronic	692.38	693.88
GSOIL-OCT18	17-09-18	09:32-11:30			683.88	17-09-18 09:35	2405.698707	Other	NA	Electronic	682.38	683.88
GSOIL-OCT18	24-09-18	09:32-11:30			699.63	24-09-18 10:05	2461.102805	Other	NA	Electronic	699.63	701.13
GSOIL-OCT18	24-09-18	11:32-13:30			701.38	24-09-18 11:33	2461.102805	Other	NA	Electronic	699.88	701.38
GSOIL-OCT18	27-09-18	13:32-15:30			711.13	27-09-18 13:50	2501.556591	Other	NA	Electronic	711.13	712.63
GSOIL-SEP18	20-08-18	15:32-17:30			645.38	20-08-18 15:56	2270.266467	Other	NA	Electronic	643.88	645.38
GSOIL-SEP18	21-08-18	11:32-13:30			651.88	21-08-18 12:50	2270.266467	Other	NA	Electronic	651.88	653.38
GSOIL-SEP18	24-08-18	11:32-13:30			676	24-08-18 11:49	2377.97907	Other	NA	Electronic	674.5	676

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GSOIL-SEP18	24-08-18	13:32-15:30			677.5	24-08-18 13:37	2377.97907	Other	NA	Electronic	677.5	679
GSOIL-SEP18	28-08-18	15:32-17:30			679.88	28-08-18 16:26	2391.627825	Other	NA	Electronic	678.38	679.88
GSOIL-SEP18	04-09-18	11:32-13:30			703.63	04-09-18 13:18	2461.524932	Other	NA	Electronic	703.63	705.13
Halliburton	13-07-18	15:32-17:30			45.47	13-07-18 17:18	1199.630639	Other	NA	Electronic	45.41	45.47
Halliburton	23-07-18	13:32-15:30			42.14	23-07-18 13:40	370.5918565	Other	NA	Electronic	42.06	42.15
Halliburton	23-07-18	15:32-17:30			41.77	23-07-18 15:40	367.337965	Other	NA	Electronic	41.71	41.77
Halliburton	26-07-18	13:32-15:30			40.73	26-07-18 14:14	358.1918917	Other	NA	Electronic	40.67	40.73
Halliburton	27-07-18	15:32-17:30			42.03	27-07-18 16:21	366.2826488	Other	NA	Electronic	42.03	42.09
Halliburton	31-07-18	13:32-15:30			41.71	31-07-18 14:24	366.8103069	Other	NA	Electronic	41.65	41.71
Halliburton	01-08-18	13:32-15:30			41.7	01-08-18 13:51	366.7223639	Other	NA	Electronic	41.7	41.77
Halliburton	02-08-18	13:32-15:30			41.76	02-08-18 14:18	366.8103069	Other	NA	Electronic	41.76	41.82
Halliburton	02-08-18	15:32-17:30			42.04	02-08-18 17:22	369.7124263	Other	NA	Electronic	41.98	42.04
Halliburton	03-08-18	13:32-15:30			42.5	03-08-18 13:40	366.7223639	Other	NA	Electronic	42.44	42.5
Halliburton	13-08-18	15:32-17:30			41.2	13-08-18 15:44	724.6504265	Other	NA	Electronic	41.2	41.27
Halliburton	14-08-18	15:32-17:30			40.71	14-08-18 17:00	716.0320113	Other	NA	Electronic	40.71	40.77

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Halliburton	05-09-18	15:32-17:30			37.65	05-09-18 16:00	662.2108873	Other	NA	Electronic	37.59	37.65
Halliburton	06-09-18	13:32-15:30			37.34	06-09-18 14:04	328.3792103	Other	NA	Electronic	37.28	37.34
Halliburton	06-09-18	15:32-17:30			36.9	06-09-18 15:32	324.5097177	Other	NA	Electronic	36.84	36.9
Halliburton	07-09-18	13:32-15:30			35.96	07-09-18 13:43	316.2430745	Other	NA	Electronic	35.89	35.96
Halliburton	10-09-18	13:32-15:30			36.92	10-09-18 13:54	662.2108873	Other	NA	Electronic	36.92	36.98
Halliburton	10-09-18	15:32-17:30			36.93	10-09-18 15:33	649.5470935	Other	NA	Electronic	36.86	36.93
Halliburton	11-09-18	13:32-15:30			36.56	11-09-18 14:03	643.0393105	Other	NA	Electronic	36.5	36.56
HarleyDav	02-07-18	13:32-15:30			41.84	02-07-18 13:52	367.9535661	Other	NA	Electronic	41.71	41.84
HarleyDav	03-07-18	13:32-15:30			42.83	03-07-18 14:09	376.6599244	Other	NA	Electronic	42.74	42.83
HarleyDav	03-07-18	15:32-17:30			42.89	03-07-18 15:48	377.1875824	Other	NA	Electronic	42.89	42.98
HarleyDav	05-07-18	13:32-15:30			42.61	05-07-18 14:46	377.1875824	Other	NA	Electronic	42.54	42.61
HarleyDav	06-07-18	13:32-15:30			41.89	06-07-18 13:45	368.3932812	Other	NA	Electronic	41.89	42.01
HarleyDav	09-07-18	15:32-17:30			43.9	09-07-18 16:08	386.0698268	Other	NA	Electronic	43.9	43.98
HarleyDav	10-07-18	13:32-15:30			43.81	10-07-18 15:19	386.0698268	Other	NA	Electronic	43.74	43.81
HarleyDav	19-07-18	15:32-17:30			42.11	19-07-18 16:48	369.9762554	Other	NA	Electronic	42.11	42.18



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HarleyDav	24-07-18	13:32-15:30			43.33	24-07-18 13:40	366.8982499	Other	NA	Electronic	43.23	43.33
HarleyDav	24-07-18	15:32-17:30			44.27	24-07-18 16:41	390.0272623	Other	NA	Electronic	44.19	44.27
HarleyDav	25-07-18	15:30-15:32	43.29	786.8261367								
HarleyDav	01-08-18	13:32-15:30			42.95	01-08-18 13:40	402.2513411	Other	NA	Electronic	42.95	43.09
HarleyDav	02-08-18	13:32-15:30			42.42	02-08-18 14:30	390.8187495	Other	NA	Electronic	42.33	42.42
HarleyDav	13-08-18	13:32-15:30			41.75	13-08-18 13:50	365.4032187	Other	NA	Electronic	41.75	41.9
HarleyDav	14-08-18	13:32-15:30			40.99	14-08-18 13:40	370.7677425	Other	NA	Electronic	40.99	41.1
HarleyDav	22-08-18	15:32-17:30			43.05	22-08-18 15:44	375.1648931	Other	NA	Electronic	42.98	43.05
HarleyDav	23-08-18	13:32-15:30			42.8	23-08-18 14:16	367.7776801	Other	NA	Electronic	42.8	42.89
Hasbro	23-07-18	13:32-15:30			104.31	23-07-18 14:02	2752.000704	Other	NA	Electronic	104.31	104.62
Hasbro	24-07-18	13:32-15:30			103.59	24-07-18 13:58	2752.000704	Other	NA	Electronic	103.41	103.59
Heineken	05-07-18	09:32-11:30			87.61	05-07-18 10:46	876.1	Other	NA	Electronic	87.4	87.61
Heineken	17-07-18	09:32-11:30			89.98	17-07-18 10:30	876.1	Other	NA	Electronic	89.98	90.19
Heineken	18-07-18	09:32-11:30			91.22	18-07-18 10:00	912.2	Other	NA	Electronic	91.22	91.41
Heineken	18-07-18	11:32-13:30			91.83	18-07-18 11:42	912.2	Other	NA	Electronic	91.62	91.83

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Heineken	31-07-18	13:32-15:30			86.37	31-07-18 13:35	863.7	Other	NA	Electronic	86.18	86.37
Heineken	01-08-18	11:32-13:30			86.42	01-08-18 12:52	865.1	Other	NA	Electronic	86.42	86.63
Heineken	22-08-18	13:32-15:30			86.31	22-08-18 14:23	863.1	Other	NA	Electronic	86.1	86.31
Henry Schein	07-08-18	13:32-15:30			79.2	07-08-18 14:57	2786.03465	Other	NA	Electronic	79.06	79.2
Henry Schein	07-08-18	15:32-17:30			79.14	07-08-18 17:12	2786.03465	Other	NA	Electronic	79.14	79.28
Hershey	27-08-18	13:32-15:30			99.25	27-08-18 15:21	1745.668807	Other	NA	Electronic	99.12	99.25
Hershey	27-08-18	15:32-17:30			99.48	27-08-18 17:09	1745.668807	Other	NA	Electronic	99.48	99.63
Hershey	30-08-18	15:32-17:30			99.8	30-08-18 16:38	876.4400668	Other	NA	Electronic	99.8	99.96
HG-COP-SEP18	02-07-18	11:32-13:30			2.941	02-07-18 13:19	5198.48738	Other	NA	Electronic	2.941	2.9486
HG-COP-SEP18	03-07-18	09:32-11:30			2.9606	03-07-18 09:45	5207.281681	Other	NA	Electronic	2.953	2.9606
HG-COP-SEP18	04-07-18	11:32-13:30			2.8885	04-07-18 12:55	5078.884883	Other	NA	Electronic	2.8885	2.8961
HG-COP-SEP18	04-07-18	13:32-15:30			2.8576	04-07-18 15:19	5026.119075	Other	NA	Electronic	2.8495	2.8576
HG-COP-SEP18	04-07-18	15:32-17:30			2.861	04-07-18 16:49	5026.119075	Other	NA	Electronic	2.861	2.8686
HG-COP-SEP18	05-07-18	13:32-15:30			2.825	05-07-18 14:37	4968.78023	Other	NA	Electronic	2.825	2.8326
HG-COP-SEP18	09-07-18	09:32-11:30			2.8566	09-07-18 09:35	5024.360215	Other	NA	Electronic	2.849	2.8566

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HG-COP-SEP18	09-07-18	11:32-13:30			2.8516	09-07-18 12:32	125389.1478	Other	NA	Electronic	2.844	2.8516
HG-COP-SEP18	09-07-18	13:32-15:30			2.8535	09-07-18 14:01	125389.1478	Other	NA	Electronic	2.8535	2.8611
HG-COP-SEP18	10-07-18	11:32-13:30			2.8361	10-07-18 12:34	4988.303579	Other	NA	Electronic	2.8285	2.8361
HG-COP-SEP18	10-07-18	13:30-13:32	2.8321	24906.34069								
HG-COP-SEP18	11-07-18	11:32-13:30			2.748	11-07-18 13:18	4833.347991	Other	NA	Electronic	2.748	2.7556
HG-COP-SEP18	11-07-18	13:32-15:30			2.745	11-07-18 13:38	4828.07141	Other	NA	Electronic	2.745	2.7526
HG-COP-SEP18	18-07-18	15:32-17:30			2.7616	18-07-18 16:47	4857.26849	Other	NA	Electronic	2.754	2.7616
HG-COP-SEP18	19-07-18	09:32-11:30			2.6911	19-07-18 11:18	4802.567936	Other	NA	Electronic	2.6835	2.6911
HG-COP-SEP18	20-07-18	13:32-15:30			2.75	20-07-18 14:46	4836.865711	Other	NA	Electronic	2.75	2.7576
HG-COP-SEP18	24-07-18	11:32-13:30			2.795	24-07-18 13:10	4958.402955	Other	NA	Electronic	2.795	2.8026
HG-COP-SEP18	26-07-18	11:32-13:30			2.8246	26-07-18 12:16	4968.076686	Other	NA	Electronic	2.817	2.8246
HG-COP-SEP18	30-07-18	11:32-13:30			2.789	30-07-18 12:37	4905.461261	Other	NA	Electronic	2.789	2.7966
HG-COP-SEP18	01-08-18	09:32-11:30			2.7525	01-08-18 09:43	5275.877232	Other	NA	Electronic	2.7525	2.7601
HG-COP-SEP18	01-08-18	13:32-15:30			2.7395	01-08-18 14:13	4891.566265	Other	NA	Electronic	2.7395	2.7471
HG-COP-SEP18	06-08-18	09:32-11:30			2.7296	06-08-18 09:41	4800.984962	Other	NA	Electronic	2.722	2.7296

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HG-COP-SEP18	06-08-18	11:32-13:30			2.7256	06-08-18 12:59	4797.291355	Other	NA	Electronic	2.718	2.7256
HG-COP-SEP18	10-08-18	15:32-17:30			2.749	10-08-18 16:07	4835.106851	Other	NA	Electronic	2.749	2.7566
HG-COP-SEP18	13-08-18	13:32-15:30			2.75	13-08-18 13:33	4836.865711	Other	NA	Electronic	2.75	2.7576
HG-COP-SEP18	13-08-18	15:32-17:30			2.734	13-08-18 16:01	14505.84821	Other	NA	Electronic	2.734	2.7416
HG-COP-SEP18	14-08-18	11:32-13:30			2.704	14-08-18 13:16	4808.899833	Other	NA	Electronic	2.704	2.7116
HG-COP-SEP18	15-08-18	13:32-15:30			2.5741	15-08-18 15:09	4587.986984	Other	NA	Electronic	2.567	2.5746
HG-COP-SEP18	17-08-18	15:32-17:30			2.626	17-08-18 16:58	9237.534078	Other	NA	Electronic	2.626	2.6336
HG-COP-SEP18	22-08-18	15:32-17:30			2.6801	22-08-18 16:50	9427.842758	Other	NA	Electronic	2.6725	2.6801
Hilton	21-08-18	15:32-17:30			77.26	21-08-18 16:28	679.4477179	Other	NA	Electronic	77.18	77.26
Hilton	22-08-18	15:32-17:30			77.27	22-08-18 15:39	679.4477179	Other	NA	Electronic	77.27	77.33
HK50Cash	03-07-18	09:32-11:30			28,626.00	03-07-18 09:55	64400.32072	Other	NA	Electronic	28,626.00	28,642.00
HK50Cash	03-07-18	11:32-13:30			28,659.00	03-07-18 11:36	9682.007369	Other	NA	Electronic	28,643.00	28,659.00
HK50Cash	03-07-18	13:32-15:30			28,551.00	03-07-18 13:38	6430.347474	Other	NA	Electronic	28,551.00	28,567.00
HK50Cash	03-07-18	15:32-17:30			28,586.00	03-07-18 15:34	64382.30286	Other	NA	Electronic	28,569.00	28,585.00
HK50Cash	04-07-18	09:32-11:30			28,275.00	04-07-18 09:37	15909.20352	Other	NA	Electronic	28,275.00	28,291.00

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HK50Cash	04-07-18	11:32-13:30			28,240.00	04-07-18 12:28	3173.620057	Other	NA	Electronic	28,240.00	28,256.00
HK50Cash	04-07-18	13:32-15:30			28,211.00	04-07-18 13:32	9530.657381	Other	NA	Electronic	28,211.00	28,227.00
HK50Cash	04-07-18	15:32-17:30			28,201.00	04-07-18 15:40	317.5759678	Other	NA	Electronic	28,201.00	28,216.00
HK50Cash	05-07-18	09:32-11:30			28,307.00	05-07-18 10:24	1587.147864	Other	NA	Electronic	28,307.00	28,323.00
HK50Cash	05-07-18	11:32-13:30			28,395.00	05-07-18 11:54	3148.620283	Other	NA	Electronic	28,395.00	28,411.00
HK50Cash	05-07-18	13:32-15:30			28,265.00	05-07-18 13:34	3200.534229	Other	NA	Electronic	28,265.00	28,281.00
HK50Cash	05-07-18	15:32-17:30			28,232.00	05-07-18 15:33	15896.25319	Other	NA	Electronic	28,215.00	28,232.00
HK50Cash	06-07-18	09:32-11:30			28,222.00	06-07-18 09:56	3195.128873	Other	NA	Electronic	28,206.00	28,222.00
HK50Cash	06-07-18	11:32-13:30			28,240.00	06-07-18 12:13	15890.05955	Other	NA	Electronic	28,240.00	28,257.00
HK50Cash	06-07-18	13:32-15:30			28,411.00	06-07-18 14:36	15985.21635	Other	NA	Electronic	28,411.00	28,428.00
HK50Cash	09-07-18	09:32-11:30			28,715.00	09-07-18 09:58	970.0926118	Other	NA	Electronic	28,718.00	28,733.00
HK50Cash	09-07-18	13:30-13:32	28,739.50	16180.93531								
HK50Cash	09-07-18	15:32-17:30			28,794.00	09-07-18 16:10	9488.090197	Other	NA	Electronic	28,794.00	28,810.00
HK50Cash	10-07-18	09:32-11:30			28,636.00	10-07-18 09:33	1294.76311	Other	NA	Electronic	28,621.00	28,636.00
HK50Cash	10-07-18	11:32-13:30			28,643.00	10-07-18 11:32	6451.068008	Other	NA	Electronic	28,628.00	28,643.00

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HK50Cash	10-07-18	13:32-15:30			28,633.00	10-07-18 13:39	12882.31638	Other	NA	Electronic	28,633.00	28,649.00
HK50Cash	10-07-18	15:32-17:30			28,627.00	10-07-18 16:11	16118.66109	Other	NA	Electronic	28,611.00	28,627.00
HK50Cash	11-07-18	09:32-11:30			28,236.00	11-07-18 09:35	6367.510203	Other	NA	Electronic	28,236.00	28,252.00
HK50Cash	11-07-18	11:32-13:30			28,338.00	11-07-18 12:38	9573.5624	Other	NA	Electronic	28,322.00	28,338.00
HK50Cash	11-07-18	13:32-15:30			28,360.00	11-07-18 13:35	31936.64922	Other	NA	Electronic	28,344.00	28,360.00
HK50Cash	11-07-18	15:30-15:32	28,259.00	9573.5624								
HK50Cash	12-07-18	09:32-11:30			28,496.00	12-07-18 09:59	320.8980099	Other	NA	Electronic	28,496.00	28,512.00
HK50Cash	12-07-18	11:32-13:30			28,533.00	12-07-18 11:36	321.3146728	Other	NA	Electronic	28,516.00	28,533.00
HK50Cash	12-07-18	13:32-15:30			28,523.00	12-07-18 13:33	6424.041225	Other	NA	Electronic	28,523.00	28,539.00
HK50Cash	13-07-18	09:32-11:30			28,394.00	13-07-18 09:48	31974.93716	Other	NA	Electronic	28,378.00	28,394.00
HK50Cash	13-07-18	13:32-15:30			28,491.00	13-07-18 13:52	3218.552085	Other	NA	Electronic	28,475.00	28,491.00
HK50Cash	13-07-18	15:32-17:30			28,573.00	13-07-18 15:45	321.7651192	Other	NA	Electronic	28,573.00	28,589.00
HK50Cash	16-07-18	09:32-11:30			28,506.00	16-07-18 09:53	321.0106215	Other	NA	Electronic	28,506.00	28,521.00
HK50Cash	16-07-18	11:32-13:30			28,478.00	16-07-18 12:30	322.4182665	Other	NA	Electronic	28,478.00	28,494.00
HK50Cash	16-07-18	13:32-15:30			28,467.00	16-07-18 13:32	16028.00876	Other	NA	Electronic	28,467.00	28,483.00

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HK50Cash	16-07-18	15:32-17:30			28,444.00	16-07-18 16:00	320.3124296	Other	NA	Electronic	28,428.00	28,444.00
HK50Cash	17-07-18	09:32-11:30			28,154.00	17-07-18 10:33	316.7876866	Other	NA	Electronic	28,154.00	28,170.00
HK50Cash	17-07-18	11:32-13:30			28,185.00	17-07-18 12:00	316.9678652	Other	NA	Electronic	28,169.00	28,185.00
HK50Cash	17-07-18	13:32-15:30			28,147.00	17-07-18 13:41	316.9678652	Other	NA	Electronic	28,131.00	28,147.00
HK50Cash	17-07-18	15:32-17:30			28,287.00	17-07-18 15:46	63708.88551	Other	NA	Electronic	28,271.00	28,287.00
HK50Cash	18-07-18	09:32-11:30			28,088.00	18-07-18 09:48	3163.034567	Other	NA	Electronic	28,088.00	28,104.00
HK50Cash	18-07-18	11:32-13:30			28,038.00	18-07-18 11:51	321.821425	Other	NA	Electronic	28,038.00	28,054.00
HK50Cash	18-07-18	13:32-15:30			28,083.00	18-07-18 14:27	9480.995667	Other	NA	Electronic	28,067.00	28,083.00
HK50Cash	18-07-18	15:32-17:30			28,179.00	18-07-18 16:10	3162.133674	Other	NA	Electronic	28,179.00	28,195.00
HK50Cash	19-07-18	09:30-09:32	28,042.00	15789.27217								
HK50Cash	19-07-18	11:32-13:30			27,936.00	19-07-18 12:26	3164.273295	Other	NA	Electronic	27,921.00	27,936.00
HK50Cash	19-07-18	13:30-13:32	27,997.67	3778.851091								
HK50Cash	19-07-18	15:32-17:30			27,975.00	19-07-18 15:49	315.0309457	Other	NA	Electronic	27,975.00	27,991.00
HK50Cash	20-07-18	09:32-11:30			28,262.00	20-07-18 09:55	317.8462356	Other	NA	Electronic	28,262.00	28,278.00
HK50Cash	20-07-18	11:32-13:30			28,155.00	20-07-18 11:50	634.1159089	Other	NA	Electronic	28,155.00	28,171.00

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HK50Cash	20-07-18	13:32-15:30			28,174.00	20-07-18 13:45	316.8552536	Other	NA	Electronic	28,174.00	28,189.00
HK50Cash	20-07-18	15:32-17:30			28,336.00	20-07-18 15:32	6381.924487	Other	NA	Electronic	28,321.00	28,336.00
HK50Cash	23-07-18	09:32-11:30			28,198.00	23-07-18 10:29	15932.85196	Other	NA	Electronic	28,198.00	28,214.00
HK50Cash	23-07-18	11:32-13:30			28,242.00	23-07-18 11:53	318.0376753	Other	NA	Electronic	28,242.00	28,258.00
HK50Cash	23-07-18	13:32-15:30			28,251.00	23-07-18 13:34	318.1390258	Other	NA	Electronic	28,235.00	28,251.00
HK50Cash	24-07-18	09:30-09:32	28,738.00	32326.84841								
HK50Cash	24-07-18	11:32-13:30			28,814.00	24-07-18 12:56	4857.895424	Other	NA	Electronic	28,814.00	28,831.00
HK50Cash	24-07-18	13:32-15:30			28,900.00	24-07-18 13:39	324.6254538	Other	NA	Electronic	28,884.00	28,900.00
HK50Cash	24-07-18	15:32-17:30			28,927.00	24-07-18 16:04	3257.515698	Other	NA	Electronic	28,910.00	28,927.00
HK50Cash	25-07-18	09:32-11:30			28,970.00	25-07-18 10:30	3262.357997	Other	NA	Electronic	28,970.00	28,986.00
HK50Cash	25-07-18	11:32-13:30			28,916.00	25-07-18 11:37	325.627697	Other	NA	Electronic	28,916.00	28,932.00
HK50Cash	25-07-18	13:32-15:30			28,996.00	25-07-18 13:34	1628.588932	Other	NA	Electronic	28,981.00	28,996.00
HK50Cash	25-07-18	15:32-17:30			29,000.00	25-07-18 16:00	325.627697	Other	NA	Electronic	28,985.00	29,001.00
HK50Cash	26-07-18	09:32-11:30			28,756.00	26-07-18 10:43	323.8259115	Other	NA	Electronic	28,740.00	28,756.00
HK50Cash	26-07-18	13:32-15:30			28,817.00	26-07-18 13:42	6449.491446	Other	NA	Electronic	28,801.00	28,817.00



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HK50Cash	26-07-18	15:32-17:30			28,792.00	26-07-18 15:34	972.6939397	Other	NA	Electronic	28,776.00	28,792.00
HK50Cash	27-07-18	09:32-11:30			28,708.00	27-07-18 09:42	324.1074405	Other	NA	Electronic	28,708.00	28,724.00
HK50Cash	27-07-18	11:32-13:30			28,699.00	27-07-18 12:34	1616.708408	Other	NA	Electronic	28,683.00	28,699.00
HK50Cash	27-07-18	13:32-15:30			28,802.00	27-07-18 14:24	6473.590328	Other	NA	Electronic	28,802.00	28,818.00
HK50Cash	27-07-18	15:32-17:30			28,693.00	27-07-18 16:40	6463.230061	Other	NA	Electronic	28,693.00	28,709.00
HK50Cash	30-07-18	09:32-11:30			28,725.00	30-07-18 10:42	323.6344718	Other	NA	Electronic	28,709.00	28,725.00
HK50Cash	30-07-18	13:32-15:30			28,753.00	30-07-18 13:54	323.792128	Other	NA	Electronic	28,737.00	28,753.00
HK50Cash	30-07-18	15:32-17:30			28,691.00	30-07-18 15:46	1292.375744	Other	NA	Electronic	28,691.00	28,707.00
HK50Cash	31-07-18	09:32-11:30			28,506.00	31-07-18 11:00	1284.042486	Other	NA	Electronic	28,490.00	28,506.00
HK50Cash	31-07-18	11:32-13:30			28,526.00	31-07-18 13:24	321.607463	Other	NA	Electronic	28,531.00	28,547.00
HK50Cash	31-07-18	13:30-13:32	28,609.00	1608.712985								
HK50Cash	31-07-18	15:32-17:30			28,627.00	31-07-18 15:38	6447.464437	Other	NA	Electronic	28,627.00	28,642.00
HK50Cash	01-08-18	09:32-11:30			28,288.00	01-08-18 10:20	6442.959973	Other	NA	Electronic	28,288.00	28,304.00
HK50Cash	01-08-18	11:32-13:30			28,312.00	01-08-18 12:15	318.5444275	Other	NA	Electronic	28,295.00	28,312.00
HK50Cash	01-08-18	13:32-15:30			28,280.00	01-08-18 13:32	6797.010838	Other	NA	Electronic	28,280.00	28,296.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
HK50Cash	01-08-18	15:32-17:30			28,179.00	01-08-18 16:21	3213.25934	Other	NA	Electronic	28,179.00	28,195.00
HK50Cash	02-08-18	09:32-11:30			27,492.00	02-08-18 09:39	3206.502644	Other	NA	Electronic	27,492.00	27,507.00
HK50Cash	02-08-18	13:32-15:30			27,627.00	02-08-18 13:44	1555.56031	Other	NA	Electronic	27,611.00	27,627.00
HK50Cash	02-08-18	15:32-17:30			27,726.00	02-08-18 15:48	2489.346943	Other	NA	Electronic	27,726.00	27,742.00
HK50Cash	03-08-18	09:32-11:30			27,704.00	03-08-18 09:39	6224.493473	Other	NA	Electronic	27,688.00	27,704.00
HK50Cash	03-08-18	13:32-15:30			27,839.00	03-08-18 13:55	6240.033874	Other	NA	Electronic	27,839.00	27,856.00
HK50Cash	03-08-18	15:32-17:30			27,882.00	03-08-18 15:52	313.5106891	Other	NA	Electronic	27,882.00	27,898.00
HK50Cash	06-08-18	13:32-15:30			27,777.00	06-08-18 13:57	314.2989703	Other	NA	Electronic	27,777.00	27,793.00
HK50Cash	06-08-18	15:32-17:30			27,862.00	06-08-18 16:34	6269.312889	Other	NA	Electronic	27,862.00	27,879.00
HK50Cash	07-08-18	09:30-09:32	28,256.00	3180.939811								
HK50Cash	07-08-18	11:32-13:30			28,318.00	07-08-18 12:45	318.8935235	Other	NA	Electronic	28,302.00	28,318.00
HK50Cash	07-08-18	13:32-15:30			28,350.00	07-08-18 13:41	6360.753507	Other	NA	Electronic	28,350.00	28,367.00
HK50Cash	07-08-18	15:32-17:30			28,391.00	07-08-18 16:17	319.7155881	Other	NA	Electronic	28,376.00	28,391.00
HK50Cash	08-08-18	11:32-13:30			28,225.00	08-08-18 12:36	31784.62356	Other	NA	Electronic	28,210.00	28,225.00
HK50Cash	08-08-18	13:32-15:30			28,163.00	08-08-18 13:50	9514.441311	Other	NA	Electronic	28,163.00	28,179.00

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HK50Cash	08-08-18	15:32-17:30			28,260.00	08-08-18 15:35	3181.953316	Other	NA	Electronic	28,260.00	28,276.00
HK50Cash	09-08-18	09:32-11:30			28,694.00	09-08-18 10:13	3229.813245	Other	NA	Electronic	28,677.00	28,694.00
HK50Cash	09-08-18	11:32-13:30			28,648.00	09-08-18 12:09	638.0122702	Other	NA	Electronic	28,648.00	28,664.00
HK50Cash	09-08-18	13:32-15:30			28,722.00	09-08-18 14:31	323.443032	Other	NA	Electronic	28,722.00	28,738.00
HK50Cash	10-08-18	09:32-11:30			28,233.00	10-08-18 09:45	635.8726498	Other	NA	Electronic	28,233.00	28,248.00
HK50Cash	10-08-18	11:32-13:30			28,258.00	10-08-18 11:44	323.4880767	Other	NA	Electronic	28,258.00	28,274.00
HK50Cash	10-08-18	13:32-15:30			28,153.00	10-08-18 15:03	635.8726498	Other	NA	Electronic	28,136.00	28,153.00
HK50Cash	10-08-18	15:30-15:32	28,203.00	636.3906631								
HK50Cash	13-08-18	09:32-11:30			27,956.00	13-08-18 10:14	316.4160683	Other	NA	Electronic	27,940.00	27,956.00
HK50Cash	13-08-18	11:32-13:30			28,029.00	13-08-18 11:59	3156.390483	Other	NA	Electronic	28,013.00	28,029.00
HK50Cash	13-08-18	13:32-15:30			28,117.00	13-08-18 14:19	9484.711849	Other	NA	Electronic	28,117.00	28,132.00
HK50Cash	13-08-18	15:32-17:30			27,976.00	13-08-18 15:50	15752.11034	Other	NA	Electronic	27,961.00	27,976.00
HK50Cash	14-08-18	11:32-13:30			27,760.00	14-08-18 11:56	313.4543833	Other	NA	Electronic	27,743.00	27,760.00
HK50Cash	14-08-18	13:32-15:30			27,784.00	14-08-18 14:42	625.7601283	Other	NA	Electronic	27,767.00	27,784.00
HK50Cash	15-08-18	09:30-09:32	27,288.00	307.2945289								

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HK50Cash	15-08-18	13:32-15:30			26,824.00	15-08-18 13:48	312.3282673	Other	NA	Electronic	26,824.00	26,841.00
HK50Cash	15-08-18	15:32-17:30			26,964.00	15-08-18 16:15	607.2918262	Other	NA	Electronic	26,948.00	26,964.00
HK50Cash	16-08-18	09:32-11:30			27,175.00	16-08-18 11:06	305.3913929	Other	NA	Electronic	27,175.00	27,190.00
HK50Cash	16-08-18	13:32-15:30			27,283.00	16-08-18 15:22	307.2382231	Other	NA	Electronic	27,283.00	27,299.00
HK50Cash	16-08-18	15:32-17:30			27,307.00	16-08-18 16:33	306.4499419	Other	NA	Electronic	27,307.00	27,323.00
HK50Cash	17-08-18	09:32-11:30			27,065.00	17-08-18 11:23	304.7832902	Other	NA	Electronic	27,049.00	27,065.00
HK50Cash	17-08-18	11:32-13:30			26,961.00	17-08-18 12:28	305.8531004	Other	NA	Electronic	26,961.00	26,977.00
HK50Cash	17-08-18	13:32-15:30			27,097.00	17-08-18 15:26	6102.872947	Other	NA	Electronic	27,081.00	27,097.00
HK50Cash	20-08-18	11:32-13:30			27,521.00	20-08-18 12:31	304.7832902	Other	NA	Electronic	27,521.00	27,536.00
HK50Cash	20-08-18	13:32-15:30			27,601.00	20-08-18 13:40	621.6385438	Other	NA	Electronic	27,586.00	27,601.00
HK50Cash	20-08-18	15:32-17:30			27,546.00	20-08-18 16:34	620.3998162	Other	NA	Electronic	27,530.00	27,546.00
HK50Cash	21-08-18	09:32-11:30			27,717.00	21-08-18 10:05	7803.139161	Other	NA	Electronic	27,717.00	27,734.00
HK50Cash	21-08-18	11:32-13:30			27,734.00	21-08-18 13:01	3123.170062	Other	NA	Electronic	27,734.00	27,750.00
HK50Cash	21-08-18	13:32-15:30			27,797.00	21-08-18 13:32	3123.170062	Other	NA	Electronic	27,782.00	27,797.00
HK50Cash	22-08-18	09:32-11:30			27,936.00	22-08-18 10:03	9415.793551	Other	NA	Electronic	27,936.00	27,953.00

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HK50Cash	22-08-18	11:32-13:30			27,964.00	22-08-18 12:42	628.350195	Other	NA	Electronic	27,964.00	27,979.00
HK50Cash	22-08-18	15:32-17:30			27,997.00	22-08-18 16:47	315.2786912	Other	NA	Electronic	27,981.00	27,997.00
HK50Cash	23-08-18	09:32-11:30			27,764.00	23-08-18 09:38	15602.89997	Other	NA	Electronic	27,764.00	27,780.00
HK50Cash	23-08-18	13:32-15:30			27,766.00	23-08-18 14:53	312.9588923	Other	NA	Electronic	27,750.00	27,766.00
HK50Cash	23-08-18	15:32-17:30			27,559.00	23-08-18 15:39	3103.463032	Other	NA	Electronic	27,559.00	27,574.00
HK50Cash	24-08-18	13:32-15:30			27,768.00	24-08-18 13:45	7946.15589	Other	NA	Electronic	27,768.00	27,785.00
HK50Cash	24-08-18	15:32-17:30			27,924.00	24-08-18 15:57	3103.237809	Other	NA	Electronic	27,909.00	27,924.00
HK50Cash	27-08-18	09:32-11:30			28,329.00	27-08-18 09:41	15950.86981	Other	NA	Electronic	28,313.00	28,329.00
HK50Cash	27-08-18	11:32-13:30			28,328.00	27-08-18 12:13	6380.122702	Other	NA	Electronic	28,313.00	28,328.00
HK50Cash	27-08-18	13:32-15:30			28,378.00	27-08-18 13:34	6371.113774	Other	NA	Electronic	28,378.00	28,394.00
HK50Cash	27-08-18	15:32-17:30			28,456.00	27-08-18 15:44	3183.867713	Other	NA	Electronic	28,456.00	28,472.00
HK50Cash	28-08-18	13:32-15:30			28,347.00	28-08-18 14:03	3190.73702	Other	NA	Electronic	28,347.00	28,363.00
HK50Cash	28-08-18	15:32-17:30			28,248.00	28-08-18 15:47	3181.052423	Other	NA	Electronic	28,248.00	28,264.00
HK50Cash	29-08-18	13:32-15:30			28,341.00	29-08-18 13:59	3194.791038	Other	NA	Electronic	28,324.00	28,341.00
HK50Cash	29-08-18	15:32-17:30			28,490.00	29-08-18 15:42	3208.30443	Other	NA	Electronic	28,473.00	28,490.00

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HK50Cash	30-08-18	09:32-11:30			28,060.00	30-08-18 09:53	3159.881443	Other	NA	Electronic	28,060.00	28,075.00
HK50Cash	30-08-18	11:32-13:30			28,077.00	30-08-18 11:55	3161.79584	Other	NA	Electronic	28,062.00	28,077.00
HK50Cash	30-08-18	13:32-15:30			27,970.00	30-08-18 13:39	15748.73199	Other	NA	Electronic	27,970.00	27,986.00
HK50Cash	30-08-18	15:32-17:30			27,858.00	30-08-18 15:45	313.71339	Other	NA	Electronic	27,858.00	27,874.00
HK50Cash	31-08-18	09:32-11:30			27,800.00	31-08-18 09:44	3131.841155	Other	NA	Electronic	27,784.00	27,800.00
HK50Cash	31-08-18	11:32-13:30			27,760.00	31-08-18 11:32	3126.097963	Other	NA	Electronic	27,760.00	27,776.00
HK50Cash	31-08-18	13:32-15:30			27,861.00	31-08-18 14:30	15687.35867	Other	NA	Electronic	27,861.00	27,877.00
HK50Cash	03-09-18	11:32-13:30			27,717.00	03-09-18 11:52	15582.06683	Other	NA	Electronic	27,702.00	27,717.00
HK50Cash	03-09-18	13:32-15:30			27,673.00	03-09-18 14:20	3116.300754	Other	NA	Electronic	27,673.00	27,689.00
HK50Cash	04-09-18	09:32-11:30			27,849.00	04-09-18 09:33	3143.890596	Other	NA	Electronic	27,833.00	27,849.00
HK50Cash	04-09-18	11:32-13:30			27,761.00	04-09-18 11:44	3126.210575	Other	NA	Electronic	27,761.00	27,777.00
HK50Cash	04-09-18	13:32-15:30			27,730.00	04-09-18 14:39	3126.210575	Other	NA	Electronic	27,714.00	27,730.00
HK50Cash	04-09-18	15:32-17:30			27,691.00	04-09-18 15:50	9354.983288	Other	NA	Electronic	27,691.00	27,707.00
HK50Cash	05-09-18	11:32-13:30			27,169.00	05-09-18 12:35	3059.544509	Other	NA	Electronic	27,153.00	27,169.00
HK50Cash	05-09-18	13:30-13:32	27,181.00	3060.895848								

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HK50Cash	06-09-18	09:32-11:30			27,022.00	06-09-18 09:58	3042.990604	Other	NA	Electronic	27,007.00	27,022.00
HK50Cash	06-09-18	11:32-13:30			27,057.00	06-09-18 11:45	9121.87728	Other	NA	Electronic	27,041.00	27,057.00
HK50Cash	06-09-18	13:32-15:30			27,112.00	06-09-18 13:59	3042.990604	Other	NA	Electronic	27,112.00	27,130.00
HK50Cash	06-09-18	15:32-17:30			26,874.00	06-09-18 16:51	3026.324087	Other	NA	Electronic	26,858.00	26,874.00
HK50Cash	07-09-18	09:32-11:30			26,836.00	07-09-18 09:50	6044.089693	Other	NA	Electronic	26,836.00	26,853.00
HK50Cash	07-09-18	11:32-13:30			26,834.00	07-09-18 12:29	6044.089693	Other	NA	Electronic	26,817.00	26,834.00
HK50Cash	07-09-18	13:32-15:30			26,729.00	07-09-18 13:35	6527.643895	Other	NA	Electronic	26,729.00	26,744.00
HK50Cash	07-09-18	15:32-17:30			26,832.00	07-09-18 15:50	6017.288133	Other	NA	Electronic	26,832.00	26,849.00
HK50Cash	10-09-18	11:32-13:30			26,699.00	10-09-18 11:46	601.3234115	Other	NA	Electronic	26,683.00	26,699.00
HK50Cash	10-09-18	13:32-15:30			26,616.00	10-09-18 14:04	2981.504671	Other	NA	Electronic	26,616.00	26,632.00
HK50Cash	10-09-18	15:32-17:30			26,570.00	10-09-18 15:43	2992.090161	Other	NA	Electronic	26,555.00	26,570.00
HK50Cash	11-09-18	09:30-09:32	26,172.00	294.7270745								
HK50Cash	11-09-18	11:32-13:30			26,095.00	11-09-18 12:03	1469.299826	Other	NA	Electronic	26,095.00	26,111.00
HK50Cash	11-09-18	13:32-15:30			26,234.00	11-09-18 13:56	600.2873848	Other	NA	Electronic	26,218.00	26,234.00
HK50Cash	12-09-18	09:32-11:30			26,342.00	12-09-18 09:52	296.6414717	Other	NA	Electronic	26,342.00	26,358.00

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HK50Cash	12-09-18	11:32-13:30			26,279.00	12-09-18 11:46	295.9320186	Other	NA	Electronic	26,279.00	26,295.00
HK50Cash	12-09-18	13:32-15:30			26,383.00	12-09-18 13:38	295.9320186	Other	NA	Electronic	26,368.00	26,384.00
HK50Cash	12-09-18	15:32-17:30			26,702.00	12-09-18 15:37	9265.355718	Other	NA	Electronic	26,702.00	26,719.00
HK50Cash	13-09-18	09:30-09:32	27,036.00	3004.590049								
HK50Cash	13-09-18	11:32-13:30			27,205.00	13-09-18 13:02	306.3373303	Other	NA	Electronic	27,205.00	27,221.00
HK50Cash	13-09-18	13:32-15:30			27,270.00	13-09-18 13:39	2984.432573	Other	NA	Electronic	27,270.00	27,286.00
HK50Cash	13-09-18	15:32-17:30			27,162.00	13-09-18 15:47	917.6268682	Other	NA	Electronic	27,145.00	27,161.00
HK50Cash	14-09-18	09:32-11:30			27,279.00	14-09-18 11:16	308.0490266	Other	NA	Electronic	27,263.00	27,279.00
HK50Cash	14-09-18	11:30-11:32	27,245.00	307.0129999								
HK50Cash	14-09-18	13:32-15:30			27,150.00	14-09-18 14:01	306.7990378	Other	NA	Electronic	27,150.00	27,166.00
HK50Cash	14-09-18	15:32-17:30			27,066.00	14-09-18 16:01	306.7539932	Other	NA	Electronic	27,066.00	27,082.00
HK50Cash	17-09-18	09:32-11:30			26,859.00	17-09-18 10:08	604.9269826	Other	NA	Electronic	26,843.00	26,859.00
HK50Cash	17-09-18	11:32-13:30			26,934.00	17-09-18 13:06	303.3080783	Other	NA	Electronic	26,918.00	26,934.00
HK50Cash	17-09-18	15:32-17:30			26,969.00	17-09-18 16:45	303.3080783	Other	NA	Electronic	26,969.00	26,986.00
HK50Cash	18-09-18	09:32-11:30			27,084.00	18-09-18 09:51	609.9945046	Other	NA	Electronic	27,069.00	27,084.00



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HK50Cash	18-09-18	13:32-15:30			27,129.00	18-09-18 14:44	610.8278304	Other	NA	Electronic	27,129.00	27,145.00
HK50Cash	19-09-18	11:32-13:30			27,474.00	19-09-18 13:24	9281.673138	Other	NA	Electronic	27,458.00	27,474.00
HK50Cash	19-09-18	13:32-15:30			27,529.00	19-09-18 14:01	3076.886695	Other	NA	Electronic	27,529.00	27,544.00
HK50Cash	19-09-18	15:32-17:30			27,585.00	19-09-18 16:34	9281.673138	Other	NA	Electronic	27,585.00	27,602.00
HK50Cash	20-09-18	11:32-13:30			27,680.00	20-09-18 13:06	3096.706336	Other	NA	Electronic	27,680.00	27,696.00
HK50Cash	20-09-18	13:32-15:30			27,621.00	20-09-18 13:43	3110.444951	Other	NA	Electronic	27,621.00	27,637.00
HK50Cash	21-09-18	09:32-11:30			27,877.00	21-09-18 09:38	3139.27352	Other	NA	Electronic	27,877.00	27,892.00
HK50Cash	21-09-18	11:32-13:30			27,873.00	21-09-18 12:53	6277.646147	Other	NA	Electronic	27,857.00	27,873.00
HK50Cash	21-09-18	13:32-15:30			27,839.00	21-09-18 13:36	313.1728543	Other	NA	Electronic	27,839.00	27,854.00
HK50Cash	21-09-18	15:32-17:30			27,878.00	21-09-18 15:44	6282.826281	Other	NA	Electronic	27,878.00	27,894.00
HK50Cash	24-09-18	13:32-15:30			27,448.00	24-09-18 14:13	15454.81572	Other	NA	Electronic	27,448.00	27,464.00
HK50Cash	24-09-18	15:32-17:30			27,451.00	24-09-18 16:23	309.1300979	Other	NA	Electronic	27,451.00	27,468.00
HK50Cash	26-09-18	09:32-11:30			27,890.00	26-09-18 10:45	6281.474942	Other	NA	Electronic	27,875.00	27,890.00
HK50Cash	26-09-18	11:32-13:30			27,826.00	26-09-18 12:31	9334.713201	Other	NA	Electronic	27,826.00	27,842.00
HK50Cash	26-09-18	13:32-15:30			27,890.00	26-09-18 13:51	6281.474942	Other	NA	Electronic	27,877.00	27,890.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
HK50Cash	27-09-18	09:32-11:30			27,730.00	27-09-18 11:01	6245.43923	Other	NA	Electronic	27,715.00	27,730.00
HK50Cash	27-09-18	11:32-13:30			27,743.00	27-09-18 12:38	312.4183566	Other	NA	Electronic	27,728.00	27,743.00
HK50Cash	27-09-18	13:30-13:32	27,776.00	9383.699246								
HK50Cash	27-09-18	15:32-17:30			27,874.00	27-09-18 16:37	9383.699246	Other	NA	Electronic	27,874.00	27,890.00
HK50Cash	28-09-18	09:32-11:30			27,811.00	28-09-18 09:53	6237.105972	Other	NA	Electronic	27,811.00	27,827.00
HK50Cash	28-09-18	11:32-13:30			27,722.00	28-09-18 12:53	6243.637445	Other	NA	Electronic	27,706.00	27,722.00
HK50Cash	28-09-18	13:32-15:30			27,689.00	28-09-18 14:14	6243.637445	Other	NA	Electronic	27,689.00	27,705.00
HK50Cash	28-09-18	15:32-17:30			27,723.00	28-09-18 16:40	624.3862668	Other	NA	Electronic	27,723.00	27,739.00
H&M	09-07-18	13:32-15:30			142.56	09-07-18 14:19	414.4768403	Other	NA	Electronic	142.56	142.87
H&M	10-07-18	09:32-11:30			143.87	10-07-18 09:32	1801.357749	Other	NA	Electronic	143.56	143.87
H&M	10-08-18	09:32-11:30			131.55	10-08-18 11:14	1402.377272	Other	NA	Electronic	131.26	131.55
H&M	10-08-18	13:32-15:30			130.77	10-08-18 13:46	633.6646137	Other	NA	Electronic	130.46	130.77
H&M	27-08-18	09:32-11:30			132.74	27-08-18 10:02	1402.377272	Other	NA	Electronic	132.74	133.03
H&M	30-08-18	11:32-13:30			126.89	30-08-18 12:55	614.8635225	Other	NA	Electronic	126.58	126.89
H&M	30-08-18	13:32-15:30			125.3	30-08-18 13:36	614.8635225	Other	NA	Electronic	125.3	125.59

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
H&M	14-09-18	09:32-11:30			122.5	14-09-18 10:28	118.3596532	Other	NA	Electronic	122.5	122.81
Hologic	27-08-18	13:32-15:30			39.17	27-08-18 13:42	344.4727816	Other	NA	Electronic	39.08	39.17
HomeDepot	02-07-18	13:32-15:30			192.23	02-07-18 13:50	1690.528538	Other	NA	Electronic	192.23	192.42
HomeDepot	09-07-18	15:32-17:30			195.96	09-07-18 16:36	1723.331281	Other	NA	Electronic	195.96	196.18
HomeDepot	16-07-18	13:32-15:30			198.68	16-07-18 15:10	1747.251781	Other	NA	Electronic	198.51	198.68
HomeDepot	18-07-18	13:32-15:30			200.6	18-07-18 14:06	1746.724123	Other	NA	Electronic	200.6	200.81
HomeDepot	24-07-18	13:32-15:30			203.68	24-07-18 14:41	1791.223287	Other	NA	Electronic	203.68	203.86
HomeDepot	25-07-18	13:32-15:30			200.67	25-07-18 14:23	1747.251781	Other	NA	Electronic	200.67	200.88
HomeDepot	07-08-18	13:32-15:30			196.96	07-08-18 14:45	1732.125583	Other	NA	Electronic	196.79	196.96
HomeDepot	14-08-18	13:32-15:30			191.97	14-08-18 13:40	1688.242019	Other	NA	Electronic	191.7	191.97
HomeDepot	15-08-18	13:32-15:30			192.06	15-08-18 13:40	1688.242019	Other	NA	Electronic	192.06	192.33
HomeDepot	22-08-18	13:32-15:30			201.2	22-08-18 15:08	1687.714361	Other	NA	Electronic	201.2	201.4
HomeDepot	24-09-18	15:32-17:30			209.51	24-09-18 15:58	1842.494064	Other	NA	Electronic	209.51	209.72
Horton	02-07-18	13:32-15:30			40.96	02-07-18 13:43	360.214581	Other	NA	Electronic	40.87	40.96
Horton	08-08-18	15:32-17:30			44.23	08-08-18 16:03	388.9719462	Other	NA	Electronic	44.16	44.23

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Horton	09-08-18	13:32-15:30			45	09-08-18 14:42	388.9719462	Other	NA	Electronic	45	45.07
Horton	09-08-18	15:32-17:30			44.91	09-08-18 15:38	394.9520711	Other	NA	Electronic	44.84	44.91
Horton	15-08-18	15:32-17:30			43.99	15-08-18 16:27	386.8613139	Other	NA	Electronic	43.93	43.99
Horton	21-08-18	15:32-17:30			46.64	21-08-18 17:04	386.8613139	Other	NA	Electronic	46.64	46.72
Horton	23-08-18	15:32-17:30			44.9	23-08-18 15:32	394.9520711	Other	NA	Electronic	44.9	44.97
HP	02-07-18	13:32-15:30			22.44	02-07-18 14:00	3020.842494	Other	NA	Electronic	22.44	22.51
HP	05-07-18	15:32-17:30			22.76	05-07-18 17:00	2201.741272	Other	NA	Electronic	22.7	22.76
HP	06-07-18	15:32-17:30			23.12	06-07-18 15:33	406.6484918	Other	NA	Electronic	23.06	23.12
HP	09-07-18	13:32-15:30			23.07	09-07-18 14:15	811.5381233	Other	NA	Electronic	23.07	23.13
HP	09-07-18	15:32-17:30			23.3	09-07-18 17:17	811.5381233	Other	NA	Electronic	23.23	23.3
HP	18-07-18	15:32-17:30			23.35	18-07-18 16:11	406.6484918	Other	NA	Electronic	23.35	23.41
HP	19-07-18	15:32-17:30			23.29	19-07-18 16:01	204.8192771	Other	NA	Electronic	23.23	23.29
HP	23-07-18	13:32-15:30			22.75	23-07-18 14:00	2802.216164	Other	NA	Electronic	22.75	22.81
HP	23-07-18	15:32-17:30			23.06	23-07-18 16:01	2636.355642	Other	NA	Electronic	23	23.06
HP	25-07-18	13:32-15:30			23.04	25-07-18 15:03	202.6207018	Other	NA	Electronic	22.98	23.04

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
HP	25-07-18	15:32-17:30			23.14	25-07-18 16:59	202.7965878	Other	NA	Electronic	23.14	23.2
HP	01-08-18	13:32-15:30			23.17	01-08-18 13:40	904.0541729	Other	NA	Electronic	23.11	23.17
HP	02-08-18	13:32-15:30			22.97	02-08-18 15:00	2636.355642	Other	NA	Electronic	22.97	23.03
HP	02-08-18	15:32-17:30			23.1	02-08-18 16:00	2437.780318	Other	NA	Electronic	23.04	23.1
HP	07-08-18	13:32-15:30			23.99	07-08-18 14:05	210.975288	Other	NA	Electronic	23.93	23.99
HP	10-08-18	15:32-17:30			24.01	10-08-18 16:00	211.151174	Other	NA	Electronic	24.01	24.07
HP	13-08-18	13:32-15:30			24.18	13-08-18 14:07	211.151174	Other	NA	Electronic	24.12	24.18
HP	14-08-18	13:32-15:30			24.2	14-08-18 14:57	425.6441826	Other	NA	Electronic	24.14	24.2
HP	15-08-18	13:32-15:30			23.93	15-08-18 14:45	2437.780318	Other	NA	Electronic	23.93	24
HP	17-08-18	15:32-17:30			24.48	17-08-18 16:01	212.8220913	Other	NA	Electronic	24.48	24.54
HP	06-09-18	13:32-15:30			24.86	06-09-18 13:48	218.6263301	Other	NA	Electronic	24.8	24.86
HP	07-09-18	15:30-15:32	24.85	647.7002902								
HP	21-09-18	13:32-15:30			26.1	21-09-18 14:00	4361.094011	Other	NA	Electronic	26.04	26.1
HP	24-09-18	13:32-15:30			25.78	24-09-18 15:03	428.810131	Other	NA	Electronic	25.78	25.84
HP Enterprise	10-07-18	15:32-17:30			15.45	10-07-18 15:42	135.871955	Other	NA	Electronic	15.39	15.45

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
HP Enterprise	13-07-18	13:32-15:30			15.51	13-07-18 14:25	1227.596517	Other	NA	Electronic	15.45	15.51
HP Enterprise	21-08-18	13:32-15:30			15.95	21-08-18 14:20	1402.691056	Other	NA	Electronic	15.89	15.95
HP Enterprise	23-08-18	13:32-15:30			16.11	23-08-18 14:20	1402.691056	Other	NA	Electronic	16.11	16.17
HP Enterprise	30-08-18	15:32-17:30			16.98	30-08-18 16:05	447.9817079	Other	NA	Electronic	16.92	16.98
HP Enterprise	10-09-18	13:32-15:30			16.38	10-09-18 13:40	144.0506552	Other	NA	Electronic	16.32	16.38
HP Enterprise	11-09-18	13:32-15:30			16.14	11-09-18 13:40	144.2265412	Other	NA	Electronic	16.14	16.21
HP Enterprise	11-09-18	15:32-17:30			16.38	11-09-18 17:00	144.0506552	Other	NA	Electronic	16.38	16.44
HP Enterprise	13-09-18	13:32-15:30			16.59	13-09-18 14:07	437.6923753	Other	NA	Electronic	16.53	16.59
HSBC	03-07-18	11:32-13:30			7.0455	03-07-18 11:43	738.0997303	Other	NA	Electronic	7.0336	7.0455
HSBC	05-07-18	09:32-11:30			7.0525	05-07-18 10:49	776.5113259	Other	NA	Electronic	7.0406	7.0525
HSBC	27-07-18	13:32-15:30			7.3135	27-07-18 13:42	811.6821859	Other	NA	Electronic	7.3016	7.3135
HSBC	01-08-18	09:32-11:30			7.1795	01-08-18 10:20	723.1279758	Other	NA	Electronic	7.1676	7.1795
HSBC	01-08-18	11:32-13:30			7.1495	01-08-18 12:30	795.3786222	Other	NA	Electronic	7.1376	7.1495
HSBC	07-08-18	13:32-15:30			7.1905	07-08-18 13:35	738.3216985	Other	NA	Electronic	7.1786	7.1905
HTO	05-07-18	09:32-11:30			10.326	05-07-18 10:03	496.4	Other	NA	Electronic	10.326	10.425

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HTO	06-07-18	11:32-13:30			10.476	06-07-18 11:52	1099.5	Other	NA	Electronic	10.476	10.575
HTO	06-07-18	13:32-15:30			10.516	06-07-18 13:44	219.9	Other	NA	Electronic	10.516	10.615
HTO	10-07-18	11:32-13:30			10.695	10-07-18 11:49	1069.5	Other	NA	Electronic	10.596	10.695
HTO	12-07-18	09:32-11:30			10.495	12-07-18 09:39	2308.9	Other	NA	Electronic	10.396	10.495
HTO	12-07-18	13:32-15:30			10.485	12-07-18 13:54	209.7	Other	NA	Electronic	10.376	10.485
HTO	13-07-18	09:32-11:30			10.576	13-07-18 11:21	2308.9	Other	NA	Electronic	10.576	10.675
HTO	13-07-18	13:32-15:30			10.706	13-07-18 13:35	2199	Other	NA	Electronic	10.706	10.805
HTO	16-07-18	09:32-11:30			10.766	16-07-18 09:38	11025	Other	NA	Electronic	10.766	10.875
HTO	18-07-18	13:32-15:30			10.965	18-07-18 13:51	3837.75	Other	NA	Electronic	10.856	10.965
HTO	19-07-18	09:32-11:30			10.905	19-07-18 10:58	10905	Other	NA	Electronic	10.806	10.905
HTO	20-07-18	13:32-15:30			10.615	20-07-18 13:46	10615	Other	NA	Electronic	10.516	10.615
HTO	23-07-18	13:32-15:30			10.726	23-07-18 13:35	10615	Other	NA	Electronic	10.726	10.825
HTO	24-07-18	11:32-13:30			10.785	24-07-18 13:17	10785	Other	NA	Electronic	10.686	10.785
HTO	25-07-18	09:32-11:30			10.816	25-07-18 09:36	5408	Other	NA	Electronic	10.816	10.925
HTO	27-07-18	09:32-11:30			10.965	27-07-18 10:38	5482.5	Other	NA	Electronic	10.866	10.965

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HTO	31-07-18	09:32-11:30			10.976	31-07-18 10:02	10905	Other	NA	Electronic	10.976	11.075
HTO	31-07-18	11:32-13:30			11.016	31-07-18 12:33	1230	Other	NA	Electronic	11.016	11.115
HTO	09-08-18	09:32-11:30			11.266	09-08-18 11:24	225.32	Other	NA	Electronic	11.266	11.365
HTO	13-08-18	13:32-15:30			10.965	13-08-18 13:45	225.32	Other	NA	Electronic	10.866	10.965
HTO	17-08-18	11:32-13:30			10.776	17-08-18 12:07	10776	Other	NA	Electronic	10.776	10.895
HTO	20-08-18	09:32-11:30			10.775	20-08-18 10:32	2401.52	Other	NA	Electronic	10.676	10.775
HTO	20-08-18	11:32-13:30			10.825	20-08-18 12:01	217.72	Other	NA	Electronic	10.726	10.825
HTO	31-08-18	11:32-13:30			11.198	31-08-18 12:19	10686	Other	NA	Electronic	11.112	11.198
HTO	31-08-18	13:32-15:30			10.978	31-08-18 13:38	8580.8	Other	NA	Electronic	10.892	10.978
HTO	03-09-18	09:32-11:30			11.018	03-09-18 09:46	110.18	Other	NA	Electronic	10.922	11.018
HTO	03-09-18	11:32-13:30			11.062	03-09-18 13:07	110.18	Other	NA	Electronic	11.062	11.158
HTO	04-09-18	09:32-11:30			10.978	04-09-18 09:34	2195.6	Other	NA	Electronic	10.872	10.978
HTO	04-09-18	11:32-13:30			10.978	04-09-18 12:09	329.34	Other	NA	Electronic	10.892	10.978
HTO	06-09-18	13:32-15:30			10.368	06-09-18 13:36	2073.6	Other	NA	Electronic	10.252	10.368
HTO	07-09-18	09:32-11:30			10.388	07-09-18 09:59	727.16	Other	NA	Electronic	10.302	10.388



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HTO	07-09-18	11:32-13:30			10.242	07-09-18 12:35	10242	Other	NA	Electronic	10.242	10.328
HTO	10-09-18	09:32-11:30			10.768	10-09-18 10:28	8177.6	Other	NA	Electronic	10.662	10.768
HTO	12-09-18	09:32-11:30			10.838	12-09-18 10:12	2167.6	Other	NA	Electronic	10.752	10.838
HTO	14-09-18	09:32-11:30			10.778	14-09-18 11:06	1077.8	Other	NA	Electronic	10.692	10.778
HTO	14-09-18	11:32-13:30			10.708	14-09-18 12:12	1070.8	Other	NA	Electronic	10.602	10.708
HTO	14-09-18	13:32-15:30			10.708	14-09-18 13:32	2141.6	Other	NA	Electronic	10.622	10.708
HTO	18-09-18	11:32-13:30			10.518	18-09-18 12:26	1051.8	Other	NA	Electronic	10.432	10.518
HTO	19-09-18	11:32-13:30			10.578	19-09-18 11:52	1269.36	Other	NA	Electronic	10.482	10.578
HTO	21-09-18	11:32-13:30			10.518	21-09-18 12:08	631.08	Other	NA	Electronic	10.432	10.518
HTO	21-09-18	13:32-15:30			10.628	21-09-18 13:36	10628	Other	NA	Electronic	10.542	10.628
HTO	24-09-18	13:32-15:30			10.838	24-09-18 13:51	1083.8	Other	NA	Electronic	10.732	10.838
HTO	25-09-18	09:32-11:30			10.818	25-09-18 09:42	2163.6	Other	NA	Electronic	10.722	10.818
HTO	25-09-18	11:32-13:30			10.842	25-09-18 13:17	12981.6	Other	NA	Electronic	10.842	10.928
HTO	25-09-18	13:30-13:32	10.867	4333.2								
HTO	26-09-18	11:32-13:30			10.938	26-09-18 12:26	5469	Other	NA	Electronic	10.842	10.938

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HTO	26-09-18	13:32-15:30			10.938	26-09-18 13:48	109.38	Other	NA	Electronic	10.852	10.938
HTO	27-09-18	09:32-11:30			10.932	27-09-18 09:43	2179.6	Other	NA	Electronic	10.932	11.018
HTO	28-09-18	09:32-11:30			10.928	28-09-18 09:45	2185.6	Other	NA	Electronic	10.842	10.928
HTO	28-09-18	11:32-13:30			10.638	28-09-18 12:04	10742	Other	NA	Electronic	10.552	10.638
Huhtamaki	06-07-18	09:32-11:30			30.606	06-07-18 09:47	1530.3	Other	NA	Electronic	30.525	30.606
Huntington	03-07-18	13:32-15:30			14.84	03-07-18 14:38	130.5074312	Other	NA	Electronic	14.84	14.9
Huntington	01-08-18	13:32-15:30			15.62	01-08-18 14:29	133.1457216	Other	NA	Electronic	15.56	15.62
Huntington	07-08-18	13:32-15:30			15.91	07-08-18 14:38	139.9173336	Other	NA	Electronic	15.85	15.91
Huntington	15-08-18	13:32-15:30			16	15-08-18 15:13	281.4176414	Other	NA	Electronic	15.94	16
Huntington	17-08-18	13:32-15:30			16.04	17-08-18 13:47	281.4176414	Other	NA	Electronic	16.04	16.1
Iberdola	09-07-18	09:32-11:30			6.756	09-07-18 10:25	472.92	Other	NA	Electronic	6.74	6.756
Iberdola	09-07-18	13:32-15:30			6.72	09-07-18 15:12	472.92	Other	NA	Electronic	6.72	6.734
Iberdola	16-07-18	09:32-11:30			6.69	16-07-18 09:46	66.9	Other	NA	Electronic	6.674	6.69
Iberdola	18-07-18	09:30-09:32	6.698	66.24								
Iberdola	26-07-18	11:32-13:30			6.556	26-07-18 11:55	131.12	Other	NA	Electronic	6.54	6.556

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Iberdola	15-08-18	13:32-15:30			6.45	15-08-18 14:30	199.41	Other	NA	Electronic	6.45	6.464
Iberdola	26-09-18	09:32-11:30			6.342	26-09-18 10:02	63.42	Other	NA	Electronic	6.342	6.358
Iberdola	27-09-18	13:32-15:30			6.446	27-09-18 15:20	64.46	Other	NA	Electronic	6.432	6.446
Iberdola	28-09-18	11:32-13:30			6.32	28-09-18 11:48	63.42	Other	NA	Electronic	6.306	6.32
IBM	02-07-18	13:32-15:30			138.9	02-07-18 13:56	2443.056899	Other	NA	Electronic	138.71	138.88
IBM	03-07-18	13:32-15:30			140.77	03-07-18 13:49	2443.056899	Other	NA	Electronic	140.77	140.93
IBM	05-07-18	15:32-17:30			141.25	05-07-18 16:05	1242.195058	Other	NA	Electronic	141.1	141.25
IBM	06-07-18	13:32-15:30			141.85	06-07-18 13:41	1247.471638	Other	NA	Electronic	141.85	142.04
IBM	06-07-18	15:32-17:30			142.88	06-07-18 15:34	2505.496438	Other	NA	Electronic	142.75	142.88
IBM	09-07-18	15:32-17:30			143.97	09-07-18 17:00	1242.195058	Other	NA	Electronic	143.97	144.1
IBM	10-07-18	13:32-15:30			145.05	10-07-18 13:41	1275.613403	Other	NA	Electronic	144.9	145.05
IBM	10-07-18	15:32-17:30			144.77	10-07-18 17:13	3823.146601	Other	NA	Electronic	144.63	144.77
IBM	11-07-18	13:32-15:30			144.89	11-07-18 14:13	6371.031572	Other	NA	Electronic	144.75	144.89
IBM	13-07-18	15:32-17:30			146.48	13-07-18 15:47	1288.189253	Other	NA	Electronic	146.34	146.48
IBM	16-07-18	15:32-17:30			145.43	16-07-18 16:45	1278.955237	Other	NA	Electronic	145.31	145.43

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IBM	17-07-18	13:32-15:30			143.78	17-07-18 14:37	1288.189253	Other	NA	Electronic	143.78	143.92
IBM	18-07-18	15:32-17:30			143.91	18-07-18 16:49	1265.587899	Other	NA	Electronic	143.76	143.91
IBM	19-07-18	13:32-15:30			149.82	19-07-18 13:40	1265.587899	Other	NA	Electronic	149.82	150.03
IBM	23-07-18	13:32-15:30			145.88	23-07-18 14:08	2565.825345	Other	NA	Electronic	145.88	146.05
IBM	24-07-18	13:32-15:30			146.48	24-07-18 14:03	2576.378507	Other	NA	Electronic	146.48	146.62
IBM	25-07-18	13:32-15:30			145.96	25-07-18 13:51	2576.378507	Other	NA	Electronic	145.81	145.96
IBM	26-07-18	13:32-15:30			147.95	26-07-18 14:23	1287.749538	Other	NA	Electronic	147.95	148.1
IBM	27-07-18	13:32-15:30			146.37	27-07-18 14:00	3861.665641	Other	NA	Electronic	146.37	146.56
IBM	30-07-18	13:32-15:30			145.94	30-07-18 13:48	7674.25908	Other	NA	Electronic	145.94	146.1
IBM	01-08-18	13:32-15:30			144.73	01-08-18 13:41	1296.016182	Other	NA	Electronic	144.73	144.9
IBM	03-08-18	13:32-15:30			146.2	03-08-18 13:55	1284.671533	Other	NA	Electronic	145.98	146.2
Imperial Brands	06-07-18	09:32-11:30			29.11	06-07-18 09:48	1615.373517	Other	NA	Electronic	29.11	29.16
Imperial Brands	17-07-18	09:32-11:30			28.06	17-07-18 09:56	311.4213733	Other	NA	Electronic	28.01	28.06
Imperial Brands	15-08-18	11:32-13:30			29.34	15-08-18 12:13	330.732606	Other	NA	Electronic	29.34	29.4
Incyte	01-08-18	13:32-15:30			65.34	01-08-18 15:20	1149.239293	Other	NA	Electronic	65.14	65.34

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Incyte	07-08-18	13:32-15:30			62.39	07-08-18 14:21	1636.267699	Other	NA	Electronic	62.39	62.59
Incyte	21-08-18	13:32-15:30			69.55	21-08-18 14:23	611.6436549	Other	NA	Electronic	69.34	69.55
Incyte	24-08-18	15:32-17:30			70.25	24-08-18 15:39	611.6436549	Other	NA	Electronic	70.25	70.46
Incyte	14-09-18	13:32-15:30			67.87	14-09-18 14:04	592.120306	Other	NA	Electronic	67.87	68.17
Incyte	27-09-18	13:32-15:30			69.01	27-09-18 15:25	1196.024976	Other	NA	Electronic	69.01	69.3
Inditex	16-07-18	11:32-13:30			29.116	16-07-18 11:48	266.63	Other	NA	Electronic	29.045	29.116
Inditex	29-08-18	13:32-15:30			26.336	29-08-18 14:08	263.36	Other	NA	Electronic	26.275	26.336
Inditex	21-09-18	13:32-15:30			27.085	21-09-18 14:06	263.36	Other	NA	Electronic	27.085	27.146
Inditex	26-09-18	09:32-11:30			26.466	26-09-18 10:31	264.66	Other	NA	Electronic	26.405	26.466
Indra Siste-mas	30-08-18	13:32-15:30			10.732	30-08-18 13:45	107.32	Other	NA	Electronic	10.689	10.732
Infineon	02-07-18	11:32-13:30			21.478	02-07-18 12:37	213.73	Other	NA	Electronic	21.478	21.533
Infineon	06-07-18	09:32-11:30			21.423	06-07-18 09:52	1071.15	Other	NA	Electronic	21.358	21.423
Infineon	09-07-18	11:32-13:30			21.758	09-07-18 12:00	218.33	Other	NA	Electronic	21.758	21.813
Infineon	13-07-18	13:32-15:30			22.143	13-07-18 13:35	221.43	Other	NA	Electronic	22.088	22.143
Infineon	16-07-18	13:30-13:32	22.163	443.26								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Infineon	19-07-18	09:32-11:30			23.073	19-07-18 11:18	230.73	Other	NA	Electronic	23.008	23.073
Infineon	19-07-18	11:32-13:30			22.978	19-07-18 12:54	230.73	Other	NA	Electronic	22.978	23.033
Infineon	23-07-18	13:32-15:30			22.558	23-07-18 13:42	221.43	Other	NA	Electronic	22.558	22.613
Infineon	24-07-18	09:32-11:30			23.198	24-07-18 10:22	455.06	Other	NA	Electronic	23.198	23.253
Infineon	09-08-18	11:32-13:30			22.723	09-08-18 13:02	227.23	Other	NA	Electronic	22.668	22.723
Infineon	29-08-18	13:32-15:30			21.978	29-08-18 13:34	242.73	Other	NA	Electronic	21.978	22.043
Infineon	12-09-18	11:32-13:30			19.558	12-09-18 12:29	198.58	Other	NA	Electronic	19.558	19.613
Infineon	13-09-18	11:32-13:30			19.358	13-09-18 12:10	774.32	Other	NA	Electronic	19.298	19.358
Infineon	13-09-18	13:32-15:30			19.303	13-09-18 15:01	192.33	Other	NA	Electronic	19.248	19.303
Infineon	18-09-18	11:32-13:30			19.463	18-09-18 12:56	194.73	Other	NA	Electronic	19.413	19.463
Infineon	20-09-18	13:32-15:30			20.378	20-09-18 14:13	203.78	Other	NA	Electronic	20.378	20.433
Infineon	24-09-18	13:32-15:30			20.038	24-09-18 15:08	774.32	Other	NA	Electronic	20.038	20.093
Infineon	28-09-18	13:32-15:30			19.638	28-09-18 14:49	197.28	Other	NA	Electronic	19.583	19.638
Informa	05-07-18	09:32-11:30			8.27	05-07-18 10:27	90.00810184	Other	NA	Electronic	8.24	8.27
Infosys	13-09-18	13:32-15:30			10.56	13-09-18 15:00	92.86782165	Other	NA	Electronic	10.5	10.56

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Infosys	19-09-18	13:32-15:30			10.09	19-09-18 14:24	92.86782165	Other	NA	Electronic	10.09	10.15
ING	06-07-18	11:32-13:30			12.54	06-07-18 12:37	1755.6	Other	NA	Electronic	12.509	12.54
ING	11-07-18	09:32-11:30			12.394	11-07-18 10:17	1487.28	Other	NA	Electronic	12.363	12.394
ING	16-07-18	09:32-11:30			12.479	16-07-18 10:30	124.79	Other	NA	Electronic	12.479	12.51
ING	18-07-18	13:32-15:30			12.335	18-07-18 14:33	1706.88	Other	NA	Electronic	12.335	12.366
ING	24-07-18	09:32-11:30			12.749	24-07-18 11:00	127.49	Other	NA	Electronic	12.749	12.78
ING	25-07-18	09:32-11:30			12.835	25-07-18 10:09	1755.6	Other	NA	Electronic	12.835	12.866
ING	25-07-18	11:32-13:30			12.829	25-07-18 13:00	3810	Other	NA	Electronic	12.829	12.86
ING	26-07-18	09:32-11:30			12.899	26-07-18 09:45	257.98	Other	NA	Electronic	12.899	12.93
ING	31-07-18	09:32-11:30			13.172	31-07-18 10:06	124.79	Other	NA	Electronic	13.143	13.172
ING	31-07-18	11:32-13:30			13.156	31-07-18 12:07	127.49	Other	NA	Electronic	13.125	13.156
ING	01-08-18	11:32-13:30			13.007	01-08-18 12:52	162.84	Other	NA	Electronic	13.007	13.038
ING	10-08-18	11:32-13:30			12.131	10-08-18 12:24	144.2	Other	NA	Electronic	12.131	12.162
ING	13-08-18	09:32-11:30			11.699	13-08-18 10:57	467.96	Other	NA	Electronic	11.699	11.728
ING	13-08-18	13:32-15:30			11.856	13-08-18 14:05	467.96	Other	NA	Electronic	11.827	11.856

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ING	21-08-18	13:32-15:30			11.921	21-08-18 13:43	1187.4	Other	NA	Electronic	11.921	11.95
ING	19-09-18	09:32-11:30			11.093	19-09-18 09:45	110.04	Other	NA	Electronic	11.093	11.122
ING	21-09-18	09:32-11:30			11.726	21-09-18 10:28	469.04	Other	NA	Electronic	11.697	11.726
ING	28-09-18	09:32-11:30			11.257	28-09-18 10:24	469.04	Other	NA	Electronic	11.257	11.286
ING	28-09-18	11:32-13:30			11.122	28-09-18 11:49	222.44	Other	NA	Electronic	11.091	11.122
Inmobiliaria	25-07-18	09:32-11:30			9.71	25-07-18 10:18	291.3	Other	NA	Electronic	9.686	9.71
Inmobiliaria	30-07-18	09:32-11:30			9.541	30-07-18 09:40	291.3	Other	NA	Electronic	9.541	9.57
InsysTherapeutics	18-09-18	15:32-17:30			8.97	18-09-18 17:06	149.327236	Other	NA	Electronic	8.97	9.05
InsysTherapeutics	19-09-18	15:32-17:30			9.65	19-09-18 17:06	84.86500748	Other	NA	Electronic	9.51	9.65
InsysTherapeutics	28-09-18	13:32-15:30			10.02	28-09-18 14:14	87.0635828	Other	NA	Electronic	10.02	10.11
Intel	02-07-18	13:32-15:30			49.11	02-07-18 13:47	2159.440682	Other	NA	Electronic	49.05	49.11
Intel	02-07-18	15:32-17:30			49.32	02-07-18 15:38	430.0413332	Other	NA	Electronic	49.26	49.32
Intel	03-07-18	13:32-15:30			50.43	03-07-18 13:40	441.2100959	Other	NA	Electronic	50.43	50.5
Intel	05-07-18	13:32-15:30			50.03	05-07-18 14:00	1319.936681	Other	NA	Electronic	50.03	50.1
Intel	05-07-18	15:30-15:32	50.645	890.7747779								



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Intel	06-07-18	13:32-15:30			50.75	06-07-18 14:50	445.4313605	Other	NA	Electronic	50.75	50.81
Intel	06-07-18	15:32-17:30			51.02	06-07-18 16:54	445.3434175	Other	NA	Electronic	51.02	51.08
Intel	09-07-18	13:32-15:30			51.53	09-07-18 13:48	906.3406912	Other	NA	Electronic	51.53	51.59
Intel	09-07-18	15:32-17:30			51.57	09-07-18 17:23	453.5221177	Other	NA	Electronic	51.51	51.57
Intel	10-07-18	13:32-15:30			52.1	10-07-18 14:04	4581.830974	Other	NA	Electronic	52.04	52.1
Intel	11-07-18	13:32-15:30			51.56	11-07-18 13:51	906.8683493	Other	NA	Electronic	51.56	51.62
Intel	12-07-18	13:32-15:30			52.3	12-07-18 13:53	457.2157242	Other	NA	Electronic	52.3	52.37
Intel	12-07-18	15:32-17:30			52.18	12-07-18 16:32	462.9320201	Other	NA	Electronic	52.18	52.24
Intel	13-07-18	13:32-15:30			51.98	13-07-18 13:43	2184.944156	Other	NA	Electronic	51.98	52.04
Intel	16-07-18	13:32-15:30			52.08	16-07-18 13:40	458.0072113	Other	NA	Electronic	52.01	52.08
Intel	17-07-18	13:32-15:30			51.31	17-07-18 13:40	902.4711987	Other	NA	Electronic	51.25	51.31
Intel	18-07-18	13:32-15:30			51.79	18-07-18 13:52	5465.482367	Other	NA	Electronic	51.79	51.86
Intel	19-07-18	13:32-15:30			51.53	19-07-18 13:46	993.7560461	Other	NA	Electronic	51.53	51.59
Intel	20-07-18	15:32-17:30			51.75	20-07-18 17:18	452.3788585	Other	NA	Electronic	51.75	51.82
Intel	24-07-18	13:32-15:30			53.13	24-07-18 13:40	1387.213086	Other	NA	Electronic	53.13	53.2

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Intel	24-07-18	15:30-15:32	52.79	458.0072113								
Intel	25-07-18	13:32-15:30			51.74	25-07-18 13:40	454.4894908	Other	NA	Electronic	51.74	51.8
Intel	26-07-18	13:32-15:30			51.91	26-07-18 13:45	455.2809779	Other	NA	Electronic	51.91	51.97
Intel	27-07-18	13:32-15:30			48.61	27-07-18 13:40	427.4909858	Other	NA	Electronic	48.61	48.69
Intel	27-07-18	15:32-17:30			48.33	27-07-18 15:40	1275.085744	Other	NA	Electronic	48.27	48.33
Intel	30-07-18	13:32-15:30			46.97	30-07-18 13:40	413.0683317	Other	NA	Electronic	46.97	47.03
Intel	30-07-18	15:32-17:30			47.51	30-07-18 17:00	2099.199719	Other	NA	Electronic	47.51	47.57
Intel	31-07-18	13:32-15:30			48.06	31-07-18 13:43	4226.541201	Other	NA	Electronic	48.06	48.13
Intel	31-07-18	15:32-17:30			48.25	31-07-18 15:54	1267.698531	Other	NA	Electronic	48.25	48.31
Intel	01-08-18	13:32-15:30			48.07	01-08-18 13:40	488.5234368	Other	NA	Electronic	48.07	48.13
Intel	02-08-18	13:32-15:30			48.26	02-08-18 13:40	429.3377891	Other	NA	Electronic	48.26	48.32
Intel	02-08-18	15:32-17:30			48.94	02-08-18 15:32	430.3931053	Other	NA	Electronic	48.88	48.94
Intel	03-08-18	13:32-15:30			49.52	03-08-18 13:58	866.4145634	Other	NA	Electronic	49.52	49.58
Intel	03-08-18	15:32-17:30			49.41	03-08-18 15:40	4345.264269	Other	NA	Electronic	49.35	49.41
Intel	06-08-18	13:32-15:30			48.69	06-08-18 13:41	3778.911265	Other	NA	Electronic	48.63	48.69

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Intel	07-08-18	13:32-15:30			49.66	07-08-18 13:50	873.4500044	Other	NA	Electronic	49.6	49.66
Intel	08-08-18	13:32-15:30			49.81	08-08-18 14:50	436.0214581	Other	NA	Electronic	49.75	49.81
Intel	10-08-18	13:32-15:30			48.92	10-08-18 14:56	860.4344385	Other	NA	Electronic	48.85	48.92
Intel	13-08-18	15:32-17:30			48.8	13-08-18 15:54	466.2738545	Other	NA	Electronic	48.8	48.86
Intel	15-08-18	13:32-15:30			47.2	15-08-18 14:29	415.091021	Other	NA	Electronic	47.13	47.2
Intel	15-08-18	15:32-17:30			47.33	15-08-18 17:12	415.091021	Other	NA	Electronic	47.33	47.39
Intel	17-08-18	13:32-15:30			46.73	17-08-18 14:40	410.9576994	Other	NA	Electronic	46.67	46.73
Intel	20-08-18	13:32-15:30			46.35	20-08-18 14:10	2445.69519	Other	NA	Electronic	46.29	46.35
Intel	22-08-18	13:32-15:30			47.13	22-08-18 14:12	2072.3771	Other	NA	Electronic	47.06	47.13
Intel	22-08-18	15:32-17:30			47.08	22-08-18 16:46	3723.946882	Other	NA	Electronic	47.08	47.14
Intel	23-08-18	15:32-17:30			46.79	23-08-18 15:32	410.9576994	Other	NA	Electronic	46.79	46.85
Intel	24-08-18	15:32-17:30			47.73	24-08-18 16:03	3304.546654	Other	NA	Electronic	47.73	47.79
Intel	28-08-18	13:32-15:30			48.7	28-08-18 13:40	4282.82473	Other	NA	Electronic	48.7	48.77
Intel	28-08-18	15:32-17:30			48.65	28-08-18 16:50	427.8427579	Other	NA	Electronic	48.59	48.65
Intel	29-08-18	15:32-17:30			48.77	29-08-18 16:26	427.8427579	Other	NA	Electronic	48.77	48.83

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intel	06-09-18	13:32-15:30			47.36	06-09-18 14:48	423.0938352	Other	NA	Electronic	47.36	47.42
Intel	07-09-18	15:32-17:30			46.83	07-09-18 16:08	4282.82473	Other	NA	Electronic	46.76	46.83
Intel	10-09-18	13:32-15:30			46.35	10-09-18 14:29	815.2317298	Other	NA	Electronic	46.35	46.41
Intel	10-09-18	15:32-17:30			46.3	10-09-18 16:55	407.1761499	Other	NA	Electronic	46.3	46.36
Intel	11-09-18	13:32-15:30			45.82	11-09-18 13:40	485.8851464	Other	NA	Electronic	45.82	45.88
Intel	11-09-18	15:32-17:30			45.77	11-09-18 15:43	402.5151702	Other	NA	Electronic	45.71	45.77
Intel	12-09-18	13:32-15:30			44.34	12-09-18 13:56	1559.757277	Other	NA	Electronic	44.34	44.4
Intel	17-09-18	15:32-17:30			45.81	17-09-18 16:12	402.8669422	Other	NA	Electronic	45.75	45.81
Intel	20-09-18	15:32-17:30			46.94	20-09-18 15:34	402.8669422	Other	NA	Electronic	46.94	47
Intel	21-09-18	13:32-15:30			47.01	21-09-18 13:40	4961.041245	Other	NA	Electronic	47.01	47.08
Intel	24-09-18	15:32-17:30			46.85	24-09-18 17:22	824.0260311	Other	NA	Electronic	46.79	46.85
Intel	25-09-18	13:32-15:30			46.03	25-09-18 13:51	809.603377	Other	NA	Electronic	45.97	46.03
Intel	26-09-18	15:32-17:30			45.89	26-09-18 16:05	402.5151702	Other	NA	Electronic	45.89	45.95
Intel	28-09-18	15:32-17:30			47.14	28-09-18 15:39	809.603377	Other	NA	Electronic	47.14	47.2
InterContinental	09-07-18	11:32-13:30			47.31	09-07-18 12:57	525.0657581	Other	NA	Electronic	47.22	47.31

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
InterContinental	11-07-18	09:32-11:30			47.17	11-07-18 10:18	1047.023961	Other	NA	Electronic	47.17	47.26
InterContinental	20-07-18	09:32-11:30			49.06	20-07-18 10:12	1096.522868	Other	NA	Electronic	49.06	49.15
International	06-07-18	13:32-15:30			52.49	06-07-18 15:14	459.1504705	Other	NA	Electronic	52.41	52.49
Intertek	04-07-18	11:32-13:30			55.5	04-07-18 13:27	615.9617327	Other	NA	Electronic	55.38	55.5
Intesa Sanpaolo	02-07-18	09:32-11:30			2.434	02-07-18 09:33	1338.7	Other	NA	Electronic	2.434	2.441
Intesa Sanpaolo	03-07-18	11:32-13:30			2.514	03-07-18 12:27	771.59	Other	NA	Electronic	2.514	2.521
Intesa Sanpaolo	03-07-18	13:32-15:30			2.516	03-07-18 15:10	1282.65	Other	NA	Electronic	2.516	2.523
Intesa Sanpaolo	04-07-18	09:32-11:30			2.526	04-07-18 11:07	1288.26	Other	NA	Electronic	2.519	2.526
Intesa Sanpaolo	04-07-18	11:32-13:30			2.525	04-07-18 13:17	24.81	Other	NA	Electronic	2.525	2.532
Intesa Sanpaolo	04-07-18	13:32-15:30			2.524	04-07-18 14:01	195.6	Other	NA	Electronic	2.524	2.532
Intesa Sanpaolo	05-07-18	09:30-09:32	2.57	2075.83								
Intesa Sanpaolo	10-07-18	13:32-15:30			2.526	10-07-18 13:42	505.2	Other	NA	Electronic	2.526	2.533
Intesa Sanpaolo	11-07-18	11:32-13:30			2.49	11-07-18 13:19	174.37	Other	NA	Electronic	2.482	2.49
Intesa Sanpaolo	12-07-18	09:32-11:30			2.483	12-07-18 11:00	24.83	Other	NA	Electronic	2.475	2.483
Intesa Sanpaolo	12-07-18	11:32-13:30			2.466	12-07-18 11:40	30.98	Other	NA	Electronic	2.466	2.473

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intesa San-paolo	16-07-18	11:32-13:30			2.463	16-07-18 12:44	24.63	Other	NA	Electronic	2.455	2.463
Intesa San-paolo	18-07-18	11:32-13:30			2.453	18-07-18 12:06	24.83	Other	NA	Electronic	2.453	2.461
Intesa San-paolo	19-07-18	09:32-11:30			2.448	19-07-18 11:17	24.54	Other	NA	Electronic	2.441	2.448
Intesa San-paolo	19-07-18	11:32-13:30			2.444	19-07-18 12:38	122.2	Other	NA	Electronic	2.437	2.444
Intesa San-paolo	19-07-18	13:32-15:30			2.43	19-07-18 14:51	121.5	Other	NA	Electronic	2.423	2.43
Intesa San-paolo	23-07-18	09:32-11:30			2.413	23-07-18 10:31	24.18	Other	NA	Electronic	2.406	2.413
Intesa San-paolo	23-07-18	13:32-15:30			2.406	23-07-18 14:55	7218	Other	NA	Electronic	2.398	2.406
Intesa San-paolo	24-07-18	13:32-15:30			2.47	24-07-18 14:42	24.7	Other	NA	Electronic	2.463	2.47
Intesa San-paolo	25-07-18	11:32-13:30			2.458	25-07-18 11:56	120.85	Other	NA	Electronic	2.458	2.466
Intesa San-paolo	26-07-18	09:32-11:30			2.465	26-07-18 11:15	24.63	Other	NA	Electronic	2.465	2.473
Intesa San-paolo	26-07-18	11:32-13:30			2.466	26-07-18 12:17	24.41	Other	NA	Electronic	2.466	2.474
Intesa San-paolo	27-07-18	11:32-13:30			2.508	27-07-18 12:52	7218	Other	NA	Electronic	2.508	2.516
Intesa San-paolo	31-07-18	13:32-15:30			2.618	31-07-18 13:37	26.68	Other	NA	Electronic	2.618	2.625
Intesa San-paolo	01-08-18	11:32-13:30			2.57	01-08-18 12:31	31.5	Other	NA	Electronic	2.57	2.578
Intesa San-paolo	01-08-18	13:30-13:32	2.543	279.73								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intesa San-paolo	02-08-18	11:32-13:30			2.428	02-08-18 12:20	169.96	Other	NA	Electronic	2.421	2.428
Intesa San-paolo	02-08-18	13:32-15:30			2.431	02-08-18 14:03	72.93	Other	NA	Electronic	2.424	2.431
Intesa San-paolo	03-08-18	09:32-11:30			2.432	03-08-18 09:54	24.3	Other	NA	Electronic	2.432	2.439
Intesa San-paolo	03-08-18	13:32-15:30			2.417	03-08-18 13:46	25.04	Other	NA	Electronic	2.417	2.424
Intesa San-paolo	06-08-18	09:32-11:30			2.45	06-08-18 10:13	24.5	Other	NA	Electronic	2.442	2.45
Intesa San-paolo	06-08-18	13:32-15:30			2.452	06-08-18 14:36	24.52	Other	NA	Electronic	2.445	2.452
Intesa San-paolo	08-08-18	09:32-11:30			2.425	08-08-18 09:51	242.5	Other	NA	Electronic	2.418	2.425
Intesa San-paolo	08-08-18	11:32-13:30			2.419	08-08-18 13:11	241.9	Other	NA	Electronic	2.412	2.419
Intesa San-paolo	09-08-18	09:32-11:30			2.408	09-08-18 09:51	240.8	Other	NA	Electronic	2.401	2.408
Intesa San-paolo	09-08-18	11:32-13:30			2.393	09-08-18 12:59	23.93	Other	NA	Electronic	2.385	2.393
Intesa San-paolo	09-08-18	13:32-15:30			2.389	09-08-18 14:18	238.9	Other	NA	Electronic	2.382	2.389
Intesa San-paolo	10-08-18	09:32-11:30			2.325	10-08-18 09:45	23.94	Other	NA	Electronic	2.325	2.332
Intesa San-paolo	10-08-18	11:32-13:30			2.316	10-08-18 11:36	185.28	Other	NA	Electronic	2.316	2.324
Intesa San-paolo	10-08-18	13:32-15:30			2.289	10-08-18 14:18	185.28	Other	NA	Electronic	2.281	2.289
Intesa San-paolo	13-08-18	09:32-11:30			2.26	13-08-18 09:35	241.9	Other	NA	Electronic	2.26	2.267

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intesa San-paolo	13-08-18	11:32-13:30			2.225	13-08-18 11:32	22.25	Other	NA	Electronic	2.225	2.232
Intesa San-paolo	13-08-18	13:32-15:30			2.268	13-08-18 14:16	113.4	Other	NA	Electronic	2.261	2.268
Intesa San-paolo	14-08-18	11:30-11:32	2.241	22.41								
Intesa San-paolo	16-08-18	11:32-13:30			2.23	16-08-18 12:43	22.25	Other	NA	Electronic	2.222	2.23
Intesa San-paolo	17-08-18	09:32-11:30			2.161	17-08-18 10:11	216.1	Other	NA	Electronic	2.154	2.161
Intesa San-paolo	17-08-18	11:32-13:30			2.169	17-08-18 11:58	21.72	Other	NA	Electronic	2.162	2.169
Intesa San-paolo	17-08-18	13:32-15:30			2.174	17-08-18 13:43	21.74	Other	NA	Electronic	2.167	2.174
Intesa San-paolo	20-08-18	09:32-11:30			2.168	20-08-18 10:07	86.84	Other	NA	Electronic	2.168	2.175
Intesa San-paolo	20-08-18	13:32-15:30			2.177	20-08-18 14:48	216.1	Other	NA	Electronic	2.177	2.184
Intesa San-paolo	21-08-18	09:32-11:30			2.228	21-08-18 09:43	328.65	Other	NA	Electronic	2.228	2.235
Intesa San-paolo	23-08-18	11:32-13:30			2.196	23-08-18 13:09	2196	Other	NA	Electronic	2.189	2.196
Intesa San-paolo	23-08-18	13:32-15:30			2.197	23-08-18 13:39	461.37	Other	NA	Electronic	2.19	2.197
Intesa San-paolo	24-08-18	09:32-11:30			2.208	24-08-18 09:52	220.3	Other	NA	Electronic	2.208	2.215
Intesa San-paolo	24-08-18	13:32-15:30			2.2	24-08-18 13:43	238.9	Other	NA	Electronic	2.2	2.207
Intesa San-paolo	28-08-18	09:32-11:30			2.175	28-08-18 09:44	435	Other	NA	Electronic	2.168	2.175



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intesa San-paolo	28-08-18	11:32-13:30			2.18	28-08-18 11:58	435	Other	NA	Electronic	2.18	2.187
Intesa San-paolo	28-08-18	13:32-15:30			2.203	28-08-18 13:33	44	Other	NA	Electronic	2.203	2.21
Intesa San-paolo	29-08-18	09:32-11:30			2.182	29-08-18 10:12	654.6	Other	NA	Electronic	2.174	2.182
Intesa San-paolo	30-08-18	09:32-11:30			2.203	30-08-18 10:43	2196	Other	NA	Electronic	2.203	2.21
Intesa San-paolo	31-08-18	09:32-11:30			2.145	31-08-18 10:29	21.45	Other	NA	Electronic	2.137	2.145
Intesa San-paolo	05-09-18	11:32-13:30			2.37	05-09-18 12:34	23.7	Other	NA	Electronic	2.362	2.37
Intesa San-paolo	06-09-18	09:32-11:30			2.347	06-09-18 09:38	23.7	Other	NA	Electronic	2.347	2.354
Intesa San-paolo	06-09-18	13:32-15:30			2.316	06-09-18 14:34	23.16	Other	NA	Electronic	2.316	2.324
Intesa San-paolo	07-09-18	13:32-15:30			2.254	07-09-18 13:56	202.86	Other	NA	Electronic	2.247	2.254
Intesa San-paolo	10-09-18	09:32-11:30			2.374	10-09-18 10:25	94.96	Other	NA	Electronic	2.374	2.381
Intesa San-paolo	10-09-18	11:32-13:30			2.371	10-09-18 11:32	202.86	Other	NA	Electronic	2.371	2.378
Intesa San-paolo	10-09-18	13:32-15:30			2.383	10-09-18 13:57	214.47	Other	NA	Electronic	2.376	2.383
Intesa San-paolo	11-09-18	13:32-15:30			2.337	11-09-18 13:58	70.11	Other	NA	Electronic	2.33	2.337
Intesa San-paolo	12-09-18	09:32-11:30			2.299	12-09-18 11:11	22.99	Other	NA	Electronic	2.299	2.306
Intesa San-paolo	12-09-18	13:32-15:30			2.296	12-09-18 14:22	22.96	Other	NA	Electronic	2.296	2.303

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Intesa San-paolo	13-09-18	09:32-11:30			2.315	13-09-18 09:36	23.15	Other	NA	Electronic	2.315	2.323
Intesa San-paolo	13-09-18	11:32-13:30			2.343	13-09-18 13:25	94.96	Other	NA	Electronic	2.335	2.343
Intesa San-paolo	14-09-18	11:32-13:30			2.313	14-09-18 13:09	68.1	Other	NA	Electronic	2.313	2.32
Intesa San-paolo	14-09-18	13:32-15:30			2.326	14-09-18 14:21	70.11	Other	NA	Electronic	2.326	2.333
Intesa San-paolo	17-09-18	09:32-11:30			2.379	17-09-18 10:22	23.43	Other	NA	Electronic	2.379	2.386
Intesa San-paolo	17-09-18	13:32-15:30			2.402	17-09-18 14:15	96.08	Other	NA	Electronic	2.395	2.402
Intesa San-paolo	19-09-18	09:32-11:30			2.388	19-09-18 10:31	310.44	Other	NA	Electronic	2.381	2.388
Intesa San-paolo	19-09-18	11:32-13:30			2.395	19-09-18 12:07	119.75	Other	NA	Electronic	2.388	2.395
Intesa San-paolo	19-09-18	13:32-15:30			2.411	19-09-18 13:38	119.75	Other	NA	Electronic	2.411	2.419
Intesa San-paolo	20-09-18	11:32-13:30			2.439	20-09-18 12:03	315.9	Other	NA	Electronic	2.439	2.446
Intesa San-paolo	21-09-18	13:32-15:30			2.421	21-09-18 13:53	48.46	Other	NA	Electronic	2.421	2.429
Intesa San-paolo	24-09-18	09:32-11:30			2.412	24-09-18 10:36	72.39	Other	NA	Electronic	2.405	2.412
Intesa San-paolo	24-09-18	11:32-13:30			2.403	24-09-18 12:02	24.03	Other	NA	Electronic	2.403	2.41
Intesa San-paolo	25-09-18	13:32-15:30			2.457	25-09-18 14:33	24.49	Other	NA	Electronic	2.457	2.464
Intesa San-paolo	26-09-18	11:32-13:30			2.435	26-09-18 13:29	97.4	Other	NA	Electronic	2.435	2.442

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Intesa San-paolo	28-09-18	09:32-11:30			2.246	28-09-18 10:02	22.71	Other	NA	Electronic	2.239	2.246
Intesa San-paolo	28-09-18	11:32-13:30			2.197	28-09-18 11:39	23.55	Other	NA	Electronic	2.197	2.204
Intesa San-paolo	28-09-18	13:32-15:30			2.218	28-09-18 13:38	22.18	Other	NA	Electronic	2.21	2.218
Intuit	30-07-18	15:32-17:30			205.1	30-07-18 16:16	1803.711195	Other	NA	Electronic	204.48	205.1
Intuit	10-09-18	13:32-15:30			224.22	10-09-18 15:22	1971.858236	Other	NA	Electronic	223.48	224.22
Intuit	18-09-18	15:32-17:30			229.22	18-09-18 16:00	1971.858236	Other	NA	Electronic	229.22	229.54
IT40Cash	02-07-18	09:30-09:32	21,333.00	2133.3								
IT40Cash	02-07-18	11:32-13:30			21,375.00	02-07-18 11:32	2134.3	Other	NA	Electronic	21,375.00	21,388.00
IT40Cash	02-07-18	13:32-15:30			21,410.00	02-07-18 13:33	21363	Other	NA	Electronic	21,410.00	21,423.00
IT40Cash	02-07-18	15:30-15:32	21,433.50	4290								
IT40Cash	03-07-18	09:32-11:30			21,717.00	03-07-18 09:51	2169.5	Other	NA	Electronic	21,717.00	21,730.00
IT40Cash	03-07-18	11:32-13:30			21,820.00	03-07-18 11:36	10879.5	Other	NA	Electronic	21,807.00	21,820.00
IT40Cash	03-07-18	13:30-13:32	21,777.00	21777								
IT40Cash	03-07-18	15:30-15:32	21,755.00	21762								
IT40Cash	04-07-18	09:32-11:30			21,732.00	04-07-18 09:33	21732	Other	NA	Electronic	21,732.00	21,745.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	04-07-18	11:32-13:30			21,747.00	04-07-18 11:35	21747	Other	NA	Electronic	21,747.00	21,760.00
IT40Cash	04-07-18	13:32-15:30			21,690.00	04-07-18 13:52	21707	Other	NA	Electronic	21,677.00	21,690.00
IT40Cash	04-07-18	15:32-17:30			21,690.00	04-07-18 15:33	2169	Other	NA	Electronic	21,677.00	21,690.00
IT40Cash	05-07-18	09:32-11:30			21,989.00	05-07-18 09:39	2198.9	Other	NA	Electronic	21,976.00	21,989.00
IT40Cash	05-07-18	11:32-13:30			22,006.00	05-07-18 11:35	2182.3	Other	NA	Electronic	22,006.00	22,019.00
IT40Cash	05-07-18	13:30-13:32	21,919.00	2191.9								
IT40Cash	05-07-18	15:32-17:30			21,921.00	05-07-18 15:32	21921	Other	NA	Electronic	21,908.00	21,921.00
IT40Cash	06-07-18	09:32-11:30			21,946.00	06-07-18 09:39	2194.6	Other	NA	Electronic	21,930.00	21,943.00
IT40Cash	06-07-18	11:32-13:30			21,844.00	06-07-18 11:45	21844	Other	NA	Electronic	21,831.00	21,844.00
IT40Cash	06-07-18	13:30-13:32	21,852.50	43698								
IT40Cash	06-07-18	15:30-15:32	21,917.50	24047.9								
IT40Cash	09-07-18	09:30-09:32	21,987.00	21987								
IT40Cash	09-07-18	11:30-11:32	21,959.00	2195.9								
IT40Cash	09-07-18	13:30-13:32	22,011.50	44016								
IT40Cash	09-07-18	15:30-15:32	22,039.00	22039								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	10-07-18	09:32-11:30			22,094.00	10-07-18 09:32	2201.2	Other	NA	Electronic	22,094.00	22,107.00
IT40Cash	10-07-18	11:32-13:30			22,156.00	10-07-18 11:46	22156	Other	NA	Electronic	22,156.00	22,169.00
IT40Cash	10-07-18	13:30-13:32	22,077.50	4415.5								
IT40Cash	10-07-18	15:30-15:32	22,052.50	4409.3								
IT40Cash	11-07-18	09:32-11:30			21,706.00	11-07-18 09:42	21706	Other	NA	Electronic	21,693.00	21,706.00
IT40Cash	11-07-18	11:32-13:30			21,701.00	11-07-18 11:38	2172.6	Other	NA	Electronic	21,701.00	21,714.00
IT40Cash	11-07-18	13:32-15:30			21,749.00	11-07-18 13:33	21749	Other	NA	Electronic	21,736.00	21,749.00
IT40Cash	11-07-18	15:30-15:32	21,789.00	2178.9								
IT40Cash	12-07-18	09:30-09:32	21,786.00	2171.6								
IT40Cash	12-07-18	11:32-13:30			21,811.00	12-07-18 11:32	2174.9	Other	NA	Electronic	21,811.00	21,824.00
IT40Cash	12-07-18	13:32-15:30			21,729.00	12-07-18 13:45	21729	Other	NA	Electronic	21,716.00	21,729.00
IT40Cash	13-07-18	09:32-11:30			21,850.00	13-07-18 09:40	21861	Other	NA	Electronic	21,837.00	21,850.00
IT40Cash	13-07-18	11:32-13:30			21,892.00	13-07-18 11:49	21892	Other	NA	Electronic	21,892.00	21,905.00
IT40Cash	13-07-18	13:32-15:30			21,960.00	13-07-18 13:35	21960	Other	NA	Electronic	21,947.00	21,960.00
IT40Cash	16-07-18	09:32-11:30			22,039.00	16-07-18 09:43	4407.8	Other	NA	Electronic	22,039.00	22,052.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	16-07-18	11:30-11:32	21,865.75	8746.1								
IT40Cash	16-07-18	13:30-13:32	21,875.00	21870								
IT40Cash	16-07-18	15:32-17:30			21,822.00	16-07-18 15:34	21922	Other	NA	Electronic	21,822.00	21,835.00
IT40Cash	17-07-18	09:32-11:30			21,874.00	17-07-18 09:51	2187.4	Other	NA	Electronic	21,874.00	21,887.00
IT40Cash	17-07-18	11:32-13:30			21,814.00	17-07-18 11:35	54535	Other	NA	Electronic	21,814.00	21,827.00
IT40Cash	17-07-18	13:32-15:30			21,857.00	17-07-18 13:36	21890	Other	NA	Electronic	21,844.00	21,857.00
IT40Cash	17-07-18	15:30-15:32	21,979.00	10988								
IT40Cash	18-07-18	09:32-11:30			21,959.00	18-07-18 09:40	2195.9	Other	NA	Electronic	21,959.00	21,972.00
IT40Cash	18-07-18	11:32-13:30			21,942.00	18-07-18 12:31	21942	Other	NA	Electronic	21,929.00	21,942.00
IT40Cash	18-07-18	13:32-15:30			21,944.00	18-07-18 13:37	21944	Other	NA	Electronic	21,931.00	21,944.00
IT40Cash	18-07-18	15:30-15:32	21,962.00	2196.2								
IT40Cash	19-07-18	09:32-11:30			21,910.00	19-07-18 10:25	21910	Other	NA	Electronic	21,897.00	21,910.00
IT40Cash	19-07-18	11:30-11:32	21,927.00	21927								
IT40Cash	19-07-18	13:32-15:30			21,885.00	19-07-18 13:49	45977.4	Other	NA	Electronic	21,872.00	21,885.00
IT40Cash	20-07-18	09:30-09:32	21,806.00	4361.2								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	20-07-18	11:32-13:30			21,780.00	20-07-18 11:50	2178	Other	NA	Electronic	21,767.00	21,780.00
IT40Cash	20-07-18	13:32-15:30			21,712.00	20-07-18 13:45	2171.2	Other	NA	Electronic	21,712.00	21,725.00
IT40Cash	23-07-18	09:32-11:30			21,743.00	23-07-18 09:34	2174.3	Other	NA	Electronic	21,743.00	21,756.00
IT40Cash	23-07-18	11:32-13:30			21,622.00	23-07-18 13:21	21685	Other	NA	Electronic	21,609.00	21,622.00
IT40Cash	23-07-18	13:32-15:30			21,599.00	23-07-18 13:33	21599	Other	NA	Electronic	21,599.00	21,612.00
IT40Cash	23-07-18	15:32-17:30			21,594.00	23-07-18 15:33	21642	Other	NA	Electronic	21,594.00	21,607.00
IT40Cash	24-07-18	09:32-11:30			21,833.00	24-07-18 09:37	6549.9	Other	NA	Electronic	21,820.00	21,833.00
IT40Cash	24-07-18	11:32-13:30			21,760.00	24-07-18 11:52	21760	Other	NA	Electronic	21,747.00	21,760.00
IT40Cash	24-07-18	13:32-15:30			21,802.00	24-07-18 13:48	2181.2	Other	NA	Electronic	21,789.00	21,802.00
IT40Cash	25-07-18	09:32-11:30			21,867.00	25-07-18 09:55	2186.7	Other	NA	Electronic	21,854.00	21,867.00
IT40Cash	25-07-18	11:32-13:30			21,707.00	25-07-18 11:35	2170.7	Other	NA	Electronic	21,707.00	21,720.00
IT40Cash	25-07-18	13:30-13:32	21,679.67	17368								
IT40Cash	25-07-18	15:30-15:32	21,586.50	23762.8								
IT40Cash	26-07-18	09:32-11:30			21,740.00	26-07-18 09:42	2171.5	Other	NA	Electronic	21,740.00	21,753.00
IT40Cash	26-07-18	11:32-13:30			21,765.00	26-07-18 11:53	6522	Other	NA	Electronic	21,765.00	21,778.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	26-07-18	13:32-15:30			21,843.00	26-07-18 13:36	21843	Other	NA	Electronic	21,830.00	21,843.00
IT40Cash	27-07-18	09:32-11:30			21,969.00	27-07-18 09:42	10984.5	Other	NA	Electronic	21,956.00	21,969.00
IT40Cash	27-07-18	11:32-13:30			21,951.00	27-07-18 11:52	4390.2	Other	NA	Electronic	21,951.00	21,964.00
IT40Cash	27-07-18	13:32-15:30			21,859.00	27-07-18 13:40	21840	Other	NA	Electronic	21,846.00	21,859.00
IT40Cash	27-07-18	15:32-17:30			21,931.00	27-07-18 15:34	21649	Other	NA	Electronic	21,931.00	21,944.00
IT40Cash	30-07-18	09:32-11:30			21,921.00	30-07-18 09:45	4386.8	Other	NA	Electronic	21,921.00	21,934.00
IT40Cash	30-07-18	11:32-13:30			21,904.00	30-07-18 12:29	21906	Other	NA	Electronic	21,891.00	21,904.00
IT40Cash	30-07-18	13:32-15:30			21,903.00	30-07-18 13:45	21992	Other	NA	Electronic	21,903.00	21,916.00
IT40Cash	30-07-18	15:30-15:32	21,934.00	2193.4								
IT40Cash	31-07-18	09:32-11:30			22,109.00	31-07-18 09:42	2204.9	Other	NA	Electronic	22,109.00	22,122.00
IT40Cash	31-07-18	11:32-13:30			22,204.00	31-07-18 11:33	2220.4	Other	NA	Electronic	22,204.00	22,217.00
IT40Cash	31-07-18	13:32-15:30			22,244.00	31-07-18 13:35	4448.8	Other	NA	Electronic	22,231.00	22,244.00
IT40Cash	31-07-18	15:30-15:32	22,202.00	22209								
IT40Cash	01-08-18	09:32-11:30			22,074.00	01-08-18 09:36	11040.5	Other	NA	Electronic	22,061.00	22,074.00
IT40Cash	01-08-18	11:32-13:30			22,039.00	01-08-18 11:36	2203.9	Other	NA	Electronic	22,026.00	22,039.00



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	01-08-18	13:30-13:32	21,944.00	6583.2								
IT40Cash	01-08-18	15:30-15:32	21,824.50	48008.3								
IT40Cash	02-08-18	09:32-11:30			21,449.00	02-08-18 09:38	21449	Other	NA	Electronic	21,436.00	21,449.00
IT40Cash	02-08-18	11:32-13:30			21,409.00	02-08-18 11:51	10730.5	Other	NA	Electronic	21,396.00	21,409.00
IT40Cash	02-08-18	13:32-15:30			21,426.00	02-08-18 14:11	21409	Other	NA	Electronic	21,426.00	21,439.00
IT40Cash	02-08-18	15:30-15:32	21,414.00	2141.4								
IT40Cash	03-08-18	09:30-09:32	21,531.00	21434								
IT40Cash	03-08-18	11:32-13:30			21,664.00	03-08-18 11:43	23464.1	Other	NA	Electronic	21,651.00	21,664.00
IT40Cash	03-08-18	13:32-15:30			21,529.00	03-08-18 13:36	21541	Other	NA	Electronic	21,516.00	21,529.00
IT40Cash	03-08-18	15:32-17:30			21,570.00	03-08-18 15:33	21399	Other	NA	Electronic	21,570.00	21,583.00
IT40Cash	06-08-18	09:32-11:30			21,616.00	06-08-18 09:50	10789	Other	NA	Electronic	21,616.00	21,629.00
IT40Cash	06-08-18	13:32-15:30			21,487.00	06-08-18 13:38	21506	Other	NA	Electronic	21,474.00	21,487.00
IT40Cash	07-08-18	09:32-11:30			21,803.00	07-08-18 09:37	2182.4	Other	NA	Electronic	21,803.00	21,816.00
IT40Cash	07-08-18	11:32-13:30			21,858.00	07-08-18 13:01	2185.8	Other	NA	Electronic	21,858.00	21,871.00
IT40Cash	07-08-18	13:32-15:30			21,848.00	07-08-18 13:40	21848	Other	NA	Electronic	21,848.00	21,861.00

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IT40Cash	08-08-18	09:32-11:30			21,894.00	08-08-18 09:46	21866	Other	NA	Electronic	21,894.00	21,907.00
IT40Cash	08-08-18	11:32-13:30			21,869.00	08-08-18 11:58	2191.4	Other	NA	Electronic	21,856.00	21,869.00
IT40Cash	08-08-18	13:32-15:30			21,797.00	08-08-18 13:32	2179.7	Other	NA	Electronic	21,784.00	21,797.00
IT40Cash	09-08-18	09:32-11:30			21,652.00	09-08-18 11:04	21704	Other	NA	Electronic	21,639.00	21,652.00
IT40Cash	09-08-18	13:32-15:30			21,662.00	09-08-18 14:16	2184.5	Other	NA	Electronic	21,649.00	21,662.00
IT40Cash	10-08-18	09:32-11:30			21,337.00	10-08-18 09:35	4267.4	Other	NA	Electronic	21,324.00	21,337.00
IT40Cash	10-08-18	11:32-13:30			21,229.00	10-08-18 11:41	21284	Other	NA	Electronic	21,216.00	21,229.00
IT40Cash	10-08-18	13:32-15:30			20,999.00	10-08-18 13:49	2225.2	Other	NA	Electronic	20,999.00	21,012.00
IT40Cash	13-08-18	09:32-11:30			20,888.00	13-08-18 09:55	2091.6	Other	NA	Electronic	20,878.00	20,891.00
IT40Cash	13-08-18	11:32-13:30			20,783.00	13-08-18 11:39	4156.6	Other	NA	Electronic	20,783.00	20,796.00
IT40Cash	13-08-18	13:32-15:30			21,013.00	13-08-18 14:05	2087.6	Other	NA	Electronic	21,013.00	21,026.00
IT40Cash	13-08-18	15:32-17:30			20,992.00	13-08-18 15:32	20967	Other	NA	Electronic	20,992.00	21,005.00
IT40Cash	14-08-18	09:32-11:30			21,032.00	14-08-18 10:14	21032	Other	NA	Electronic	21,019.00	21,032.00
IT40Cash	14-08-18	11:32-13:30			20,927.00	14-08-18 11:51	20927	Other	NA	Electronic	20,914.00	20,927.00
IT40Cash	14-08-18	13:32-15:30			20,899.00	14-08-18 13:40	4179.8	Other	NA	Electronic	20,899.00	20,912.00

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IT40Cash	14-08-18	15:30-15:32	20,914.00	2089.3								
IT40Cash	16-08-18	09:32-11:30			20,638.00	16-08-18 09:46	4101.8	Other	NA	Electronic	20,625.00	20,638.00
IT40Cash	16-08-18	11:32-13:30			20,576.00	16-08-18 11:43	20576	Other	NA	Electronic	20,563.00	20,576.00
IT40Cash	16-08-18	13:32-15:30			20,526.00	16-08-18 14:09	20526	Other	NA	Electronic	20,513.00	20,526.00
IT40Cash	16-08-18	15:32-17:30			20,576.00	16-08-18 15:34	2057.6	Other	NA	Electronic	20,563.00	20,576.00
IT40Cash	17-08-18	09:32-11:30			20,358.00	17-08-18 09:40	4071.6	Other	NA	Electronic	20,345.00	20,358.00
IT40Cash	17-08-18	11:32-13:30			20,260.00	17-08-18 12:09	2026	Other	NA	Electronic	20,260.00	20,273.00
IT40Cash	17-08-18	13:32-15:30			20,308.00	17-08-18 14:41	2030.8	Other	NA	Electronic	20,295.00	20,308.00
IT40Cash	20-08-18	09:32-11:30			20,388.00	20-08-18 10:29	20388	Other	NA	Electronic	20,375.00	20,388.00
IT40Cash	20-08-18	13:32-15:30			20,388.00	20-08-18 13:32	20388	Other	NA	Electronic	20,388.00	20,401.00
IT40Cash	21-08-18	13:32-15:30			20,802.00	21-08-18 13:51	2080.2	Other	NA	Electronic	20,802.00	20,815.00
IT40Cash	21-08-18	15:30-15:32	20,770.00	2080.2								
IT40Cash	22-08-18	11:32-13:30			20,738.00	22-08-18 12:04	6229.5	Other	NA	Electronic	20,725.00	20,738.00
IT40Cash	22-08-18	13:32-15:30			20,713.00	22-08-18 14:20	8285.2	Other	NA	Electronic	20,700.00	20,713.00
IT40Cash	23-08-18	09:32-11:30			20,615.00	23-08-18 11:05	2061.5	Other	NA	Electronic	20,602.00	20,615.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	23-08-18	11:32-13:30			20,592.00	23-08-18 12:25	2057	Other	NA	Electronic	20,592.00	20,605.00
IT40Cash	23-08-18	13:32-15:30			20,575.00	23-08-18 13:46	20575	Other	NA	Electronic	20,562.00	20,575.00
IT40Cash	24-08-18	11:32-13:30			20,697.00	24-08-18 12:25	2061.5	Other	NA	Electronic	20,697.00	20,710.00
IT40Cash	24-08-18	13:30-13:32	20,712.00	2069.5								
IT40Cash	27-08-18	09:32-11:30			20,625.00	27-08-18 10:42	20685	Other	NA	Electronic	20,612.00	20,625.00
IT40Cash	27-08-18	13:32-15:30			20,745.00	27-08-18 14:04	2074.5	Other	NA	Electronic	20,732.00	20,745.00
IT40Cash	27-08-18	15:32-17:30			20,815.00	27-08-18 15:33	2068.7	Other	NA	Electronic	20,802.00	20,815.00
IT40Cash	28-08-18	09:32-11:30			20,705.00	28-08-18 09:46	2070.5	Other	NA	Electronic	20,692.00	20,705.00
IT40Cash	28-08-18	11:32-13:30			20,720.00	28-08-18 13:02	20712	Other	NA	Electronic	20,707.00	20,720.00
IT40Cash	28-08-18	13:32-15:30			20,742.00	28-08-18 13:32	20742	Other	NA	Electronic	20,742.00	20,755.00
IT40Cash	29-08-18	09:32-11:30			20,525.00	29-08-18 09:39	2054.2	Other	NA	Electronic	20,512.00	20,525.00
IT40Cash	29-08-18	11:32-13:30			20,627.00	29-08-18 11:40	2062.7	Other	NA	Electronic	20,627.00	20,640.00
IT40Cash	29-08-18	13:32-15:30			20,634.00	29-08-18 14:00	20654	Other	NA	Electronic	20,621.00	20,634.00
IT40Cash	30-08-18	09:32-11:30			20,724.00	30-08-18 09:36	2060.1	Other	NA	Electronic	20,711.00	20,724.00
IT40Cash	30-08-18	11:32-13:30			20,721.00	30-08-18 11:36	20721	Other	NA	Electronic	20,721.00	20,734.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	30-08-18	13:32-15:30			20,566.00	30-08-18 13:34	2056.6	Other	NA	Electronic	20,566.00	20,579.00
IT40Cash	31-08-18	09:32-11:30			20,400.00	31-08-18 09:32	2040.8	Other	NA	Electronic	20,400.00	20,413.00
IT40Cash	31-08-18	11:32-13:30			20,388.00	31-08-18 11:57	20425	Other	NA	Electronic	20,375.00	20,388.00
IT40Cash	31-08-18	13:30-13:32	20,313.00	2056.6								
IT40Cash	03-09-18	09:32-11:30			20,385.00	03-09-18 10:40	6115.5	Other	NA	Electronic	20,385.00	20,398.00
IT40Cash	03-09-18	11:32-13:30			20,313.00	03-09-18 12:59	6115.5	Other	NA	Electronic	20,300.00	20,313.00
IT40Cash	03-09-18	13:32-15:30			20,365.00	03-09-18 14:31	4066.6	Other	NA	Electronic	20,365.00	20,378.00
IT40Cash	04-09-18	09:32-11:30			20,399.00	04-09-18 09:33	2046.6	Other	NA	Electronic	20,386.00	20,399.00
IT40Cash	04-09-18	11:32-13:30			20,456.00	04-09-18 11:39	10238	Other	NA	Electronic	20,443.00	20,456.00
IT40Cash	04-09-18	13:32-15:30			20,414.00	04-09-18 13:45	12249.6	Other	NA	Electronic	20,401.00	20,414.00
IT40Cash	05-09-18	09:32-11:30			20,589.00	05-09-18 09:41	2059.6	Other	NA	Electronic	20,576.00	20,589.00
IT40Cash	05-09-18	11:32-13:30			20,816.00	05-09-18 11:52	2081.6	Other	NA	Electronic	20,816.00	20,829.00
IT40Cash	05-09-18	13:32-15:30			20,814.00	05-09-18 13:35	20831	Other	NA	Electronic	20,801.00	20,814.00
IT40Cash	06-09-18	09:32-11:30			20,662.00	06-09-18 09:47	20707	Other	NA	Electronic	20,649.00	20,662.00
IT40Cash	06-09-18	11:32-13:30			20,662.00	06-09-18 11:35	20650	Other	NA	Electronic	20,662.00	20,675.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
IT40Cash	06-09-18	13:32-15:30			20,662.00	06-09-18 13:38	20662	Other	NA	Electronic	20,649.00	20,662.00
IT40Cash	07-09-18	09:30-09:32	20,467.00	2051.5								
IT40Cash	07-09-18	11:32-13:30			20,354.00	07-09-18 11:33	4082.2	Other	NA	Electronic	20,341.00	20,354.00
IT40Cash	07-09-18	13:32-15:30			20,444.00	07-09-18 15:18	2044.4	Other	NA	Electronic	20,431.00	20,444.00
IT40Cash	10-09-18	09:32-11:30			20,825.00	10-09-18 09:36	2044.4	Other	NA	Electronic	20,825.00	20,838.00
IT40Cash	10-09-18	11:32-13:30			20,905.00	10-09-18 11:32	2082.8	Other	NA	Electronic	20,905.00	20,918.00
IT40Cash	10-09-18	13:32-15:30			20,940.00	10-09-18 13:34	2082.8	Other	NA	Electronic	20,940.00	20,953.00
IT40Cash	11-09-18	11:32-13:30			20,776.00	11-09-18 12:07	20741	Other	NA	Electronic	20,763.00	20,776.00
IT40Cash	11-09-18	13:32-15:30			20,756.00	11-09-18 13:43	2076.8	Other	NA	Electronic	20,743.00	20,756.00
IT40Cash	12-09-18	09:32-11:30			20,936.00	12-09-18 11:07	2093.6	Other	NA	Electronic	20,923.00	20,936.00
IT40Cash	12-09-18	11:32-13:30			20,766.00	12-09-18 11:41	2076.6	Other	NA	Electronic	20,753.00	20,766.00
IT40Cash	12-09-18	13:32-15:30			20,873.00	12-09-18 13:45	2076.6	Other	NA	Electronic	20,873.00	20,886.00
IT40Cash	12-09-18	15:32-17:30			20,952.00	12-09-18 15:34	2093.6	Other	NA	Electronic	20,952.00	20,965.00
IT40Cash	13-09-18	09:32-11:30			20,857.00	13-09-18 09:42	6257.1	Other	NA	Electronic	20,844.00	20,857.00
IT40Cash	13-09-18	11:30-11:32	20,999.00	4199.8								

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IT40Cash	13-09-18	13:32-15:30			20,981.00	13-09-18 13:39	6288.6	Other	NA	Electronic	20,981.00	20,994.00
IT40Cash	14-09-18	09:32-11:30			20,885.00	14-09-18 09:45	2088.5	Other	NA	Electronic	20,885.00	20,898.00
IT40Cash	14-09-18	11:30-11:32	20,798.00	4159.6								
IT40Cash	14-09-18	13:32-15:30			20,830.00	14-09-18 14:08	20677	Other	NA	Electronic	20,830.00	20,843.00
IT40Cash	17-09-18	09:32-11:30			20,987.00	17-09-18 10:18	4192	Other	NA	Electronic	20,987.00	21,000.00
IT40Cash	17-09-18	11:32-13:30			21,032.00	17-09-18 11:36	21032	Other	NA	Electronic	21,032.00	21,045.00
IT40Cash	17-09-18	13:32-15:30			21,107.00	17-09-18 13:36	6308.1	Other	NA	Electronic	21,107.00	21,120.00
IT40Cash	17-09-18	15:32-17:30			21,110.00	17-09-18 15:32	21032	Other	NA	Electronic	21,097.00	21,110.00
IT40Cash	18-09-18	09:32-11:30			21,097.00	18-09-18 09:36	21097	Other	NA	Electronic	21,097.00	21,110.00
IT40Cash	18-09-18	11:32-13:30			21,080.00	18-09-18 13:13	4219.4	Other	NA	Electronic	21,067.00	21,080.00
IT40Cash	18-09-18	13:30-13:32	21,087.50	4217.5								
IT40Cash	18-09-18	15:32-17:30			21,202.00	18-09-18 15:32	10540	Other	NA	Electronic	21,202.00	21,215.00
IT40Cash	19-09-18	09:32-11:30			21,162.00	19-09-18 09:54	4232.4	Other	NA	Electronic	21,162.00	21,175.00
IT40Cash	19-09-18	11:32-13:30			21,132.00	19-09-18 11:37	21132	Other	NA	Electronic	21,119.00	21,132.00
IT40Cash	19-09-18	13:32-15:30			21,247.00	19-09-18 13:51	4244	Other	NA	Electronic	21,247.00	21,260.00

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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IT40Cash	20-09-18	09:30-09:32	21,423.00	2142.3								
IT40Cash	20-09-18	11:32-13:30			21,438.00	20-09-18 12:10	2143.8	Other	NA	Electronic	21,425.00	21,438.00
IT40Cash	20-09-18	13:32-15:30			21,411.00	20-09-18 13:35	6415.5	Other	NA	Electronic	21,411.00	21,424.00
IT40Cash	21-09-18	09:32-11:30			21,508.00	21-09-18 09:51	6452.4	Other	NA	Electronic	21,495.00	21,508.00
IT40Cash	21-09-18	11:32-13:30			21,530.00	21-09-18 11:40	2150.8	Other	NA	Electronic	21,530.00	21,543.00
IT40Cash	21-09-18	13:30-13:32	21,486.50	4301								
IT40Cash	21-09-18	15:30-15:32	21,540.00	4305.6								
IT40Cash	24-09-18	09:32-11:30			21,404.00	24-09-18 09:51	23552.1	Other	NA	Electronic	21,391.00	21,404.00
IT40Cash	24-09-18	11:32-13:30			21,404.00	24-09-18 12:55	2137.9	Other	NA	Electronic	21,404.00	21,417.00
IT40Cash	24-09-18	13:32-15:30			21,377.00	24-09-18 14:36	21377	Other	NA	Electronic	21,364.00	21,377.00
IT40Cash	25-09-18	09:32-11:30			21,602.00	25-09-18 09:32	2160.2	Other	NA	Electronic	21,602.00	21,615.00
IT40Cash	25-09-18	11:32-13:30			21,562.00	25-09-18 13:11	2156.2	Other	NA	Electronic	21,549.00	21,562.00
IT40Cash	25-09-18	13:30-13:32	21,582.00	2156.2								
IT40Cash	25-09-18	15:32-17:30			21,647.00	25-09-18 15:33	42802	Other	NA	Electronic	21,647.00	21,660.00
IT40Cash	26-09-18	11:32-13:30			21,616.00	26-09-18 11:42	10808	Other	NA	Electronic	21,616.00	21,629.00



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IT40Cash	26-09-18	13:32-15:30			21,619.00	26-09-18 13:45	2161.9	Other	NA	Electronic	21,606.00	21,619.00
IT40Cash	26-09-18	15:32-17:30			21,679.00	26-09-18 15:34	2167.9	Other	NA	Electronic	21,666.00	21,679.00
IT40Cash	27-09-18	09:32-11:30			21,358.00	27-09-18 09:36	2135.8	Other	NA	Electronic	21,358.00	21,371.00
IT40Cash	27-09-18	11:30-11:32	21,368.00	2133.6								
IT40Cash	27-09-18	13:32-15:30			21,468.00	27-09-18 14:04	21439	Other	NA	Electronic	21,468.00	21,481.00
IT40Cash	28-09-18	09:32-11:30			20,894.00	28-09-18 09:33	20894	Other	NA	Electronic	20,881.00	20,894.00
IT40Cash	28-09-18	11:32-13:30			20,584.00	28-09-18 11:32	10292	Other	NA	Electronic	20,571.00	20,584.00
IT40Cash	28-09-18	13:32-15:30			20,654.00	28-09-18 13:42	20654	Other	NA	Electronic	20,641.00	20,654.00
Italgas	05-07-18	09:32-11:30			4.78	05-07-18 09:37	45.5	Other	NA	Electronic	4.78	4.794
Italgas	05-07-18	13:32-15:30			4.809	05-07-18 15:17	46.05	Other	NA	Electronic	4.809	4.82
Italgas	17-07-18	13:32-15:30			4.87	17-07-18 14:34	96.98	Other	NA	Electronic	4.87	4.883
Italgas	24-09-18	11:32-13:30			4.84	24-09-18 11:45	48.4	Other	NA	Electronic	4.826	4.84
Italgas	28-09-18	11:32-13:30			4.602	28-09-18 11:39	48.4	Other	NA	Electronic	4.602	4.615
ITV	11-07-18	13:32-15:30			1.776	11-07-18 13:49	19.71077545	Other	NA	Electronic	1.776	1.779
ITV	16-08-18	11:32-13:30			1.66	16-08-18 12:39	18.42335993	Other	NA	Electronic	1.66	1.664

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ITV	20-08-18	09:32-11:30			1.674	20-08-18 09:46	18.57873767	Other	NA	Electronic	1.671	1.674
ITV	14-09-18	11:32-13:30			1.606	14-09-18 12:09	17.82404581	Other	NA	Electronic	1.602	1.606
J.C.Penney	20-09-18	15:32-17:30			2	20-09-18 15:50	70.35441034	Other	NA	Electronic	1.94	2
J.C.Penney	21-09-18	13:32-15:30			1.98	21-09-18 15:03	17.76448861	Other	NA	Electronic	1.98	2.04
J.C.Penney	28-09-18	13:32-15:30			1.6	28-09-18 14:16	14.07088207	Other	NA	Electronic	1.54	1.6
JD	06-07-18	13:32-15:30			39.2	06-07-18 15:11	1717.527042	Other	NA	Electronic	39.2	39.26
JD	09-07-18	15:32-17:30			39.52	09-07-18 16:22	1042.652361	Other	NA	Electronic	39.52	39.58
JD	11-07-18	13:32-15:30			38.05	11-07-18 15:14	669.2463284	Other	NA	Electronic	37.99	38.05
JD	13-07-18	15:32-17:30			38.02	13-07-18 16:33	318.3537068	Other	NA	Electronic	38.02	38.09
JD	18-07-18	15:32-17:30			37.33	18-07-18 16:05	656.5825345	Other	NA	Electronic	37.27	37.33
JD	20-07-18	13:32-15:30			35.65	20-07-18 13:40	318.7934219	Other	NA	Electronic	35.65	35.72
JD	23-07-18	13:32-15:30			35.92	23-07-18 13:50	631.7826049	Other	NA	Electronic	35.85	35.92
JD	23-07-18	15:32-17:30			35.6	23-07-18 15:47	313.077126	Other	NA	Electronic	35.54	35.6
JD	24-07-18	13:32-15:30			36.56	24-07-18 13:40	313.3409551	Other	NA	Electronic	36.56	36.63
JD	26-07-18	13:32-15:30			36.74	26-07-18 13:40	323.8061736	Other	NA	Electronic	36.74	36.81

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JD	31-07-18	13:32-15:30			35.05	31-07-18 14:22	949.7845396	Other	NA	Electronic	35.05	35.13
JD	01-08-18	13:32-15:30			35.68	01-08-18 13:40	379.1223287	Other	NA	Electronic	35.68	35.74
JD	02-08-18	13:32-15:30			35.53	02-08-18 14:11	649.3712075	Other	NA	Electronic	35.53	35.6
JD	06-08-18	15:32-17:30			35.92	06-08-18 16:18	315.8913024	Other	NA	Electronic	35.86	35.92
JD	07-08-18	13:32-15:30			36.3	07-08-18 14:48	627.0336822	Other	NA	Electronic	36.3	36.36
JD	08-08-18	13:32-15:30			36.08	08-08-18 14:04	317.2983906	Other	NA	Electronic	36.02	36.08
JD	13-08-18	13:32-15:30			35	13-08-18 14:27	317.2983906	Other	NA	Electronic	35	35.06
JD	14-08-18	13:32-15:30			34.14	14-08-18 13:40	1501.187231	Other	NA	Electronic	34.06	34.14
JD	15-08-18	13:32-15:30			31.9	15-08-18 13:55	1501.187231	Other	NA	Electronic	31.9	31.96
JD	16-08-18	13:32-15:30			31.77	16-08-18 13:40	1396.97476	Other	NA	Electronic	31.69	31.77
JD	16-08-18	15:32-17:30			32.55	16-08-18 16:41	566.8806613	Other	NA	Electronic	32.55	32.62
JD	20-08-18	13:32-15:30			33.11	20-08-18 14:13	291.1793158	Other	NA	Electronic	33.05	33.11
JD	21-08-18	13:32-15:30			33.48	21-08-18 13:46	291.1793158	Other	NA	Electronic	33.48	33.55
JD	23-08-18	13:32-15:30			31.51	23-08-18 15:26	554.2168675	Other	NA	Electronic	31.45	31.51
JD	05-09-18	13:32-15:30			27.04	05-09-18 15:09	951.1916278	Other	NA	Electronic	26.98	27.04

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JD	05-09-18	15:32-17:30			27.01	05-09-18 15:43	237.5340779	Other	NA	Electronic	26.95	27.01
JD	06-09-18	13:32-15:30			27.49	06-09-18 13:40	241.7553425	Other	NA	Electronic	27.49	27.55
JD	06-09-18	15:32-17:30			27.23	06-09-18 15:32	240.6120834	Other	NA	Electronic	27.23	27.29
JD	07-09-18	13:32-15:30			27.16	07-09-18 13:40	238.8532231	Other	NA	Electronic	27.09	27.16
JD	07-09-18	15:32-17:30			27.06	07-09-18 15:35	475.947586	Other	NA	Electronic	27	27.06
JD	10-09-18	13:32-15:30			26.34	10-09-18 15:22	231.6418961	Other	NA	Electronic	26.28	26.34
JD	13-09-18	13:32-15:30			28.46	13-09-18 13:41	250.2858148	Other	NA	Electronic	28.46	28.52
JD	17-09-18	13:32-15:30			25.67	17-09-18 14:42	1128.748571	Other	NA	Electronic	25.61	25.67
JD	19-09-18	13:32-15:30			26.61	19-09-18 13:50	2340.163574	Other	NA	Electronic	26.55	26.61
JD	19-09-18	15:32-17:30			26.69	19-09-18 15:54	2340.163574	Other	NA	Electronic	26.69	26.75
JD	27-09-18	13:32-15:30			25.54	27-09-18 14:12	224.606455	Other	NA	Electronic	25.48	25.54
JD	27-09-18	15:32-17:30			25.75	27-09-18 15:43	452.9065166	Other	NA	Electronic	25.69	25.75
JD	28-09-18	13:32-15:30			25.68	28-09-18 14:24	1129.188286	Other	NA	Electronic	25.62	25.68
JD	28-09-18	15:32-17:30			25.86	28-09-18 15:33	1129.188286	Other	NA	Electronic	25.86	25.92
Jeronimo Martins	17-07-18	11:32-13:30			12.916	17-07-18 12:53	258.32	Other	NA	Electronic	12.916	12.955

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Jeronimo Martins	17-07-18	13:32-15:30			12.99	17-07-18 13:33	258.32	Other	NA	Electronic	12.951	12.99
Jeronimo Martins	26-07-18	11:32-13:30			12.155	26-07-18 13:05	126.66	Other	NA	Electronic	12.116	12.155
Jeronimo Martins	27-07-18	09:32-11:30			12.54	27-07-18 09:43	125.4	Other	NA	Electronic	12.501	12.54
Jeronimo Martins	01-08-18	11:32-13:30			12.681	01-08-18 12:31	692.5	Other	NA	Electronic	12.681	12.725
Jeronimo Martins	01-08-18	13:32-15:30			12.656	01-08-18 13:54	125.4	Other	NA	Electronic	12.656	12.695
Jeronimo Martins	02-08-18	09:32-11:30			12.67	02-08-18 09:42	126.7	Other	NA	Electronic	12.631	12.67
Jeronimo Martins	02-08-18	11:32-13:30			12.636	02-08-18 12:54	126.7	Other	NA	Electronic	12.636	12.68
Jeronimo Martins	07-09-18	11:32-13:30			12.34	07-09-18 11:35	123.81	Other	NA	Electronic	12.301	12.34
Jeronimo Martins	18-09-18	09:32-11:30			12.901	18-09-18 09:37	129.01	Other	NA	Electronic	12.901	12.94
J&J	02-07-18	15:32-17:30			120.83	02-07-18 16:38	3187.846276	Other	NA	Electronic	120.71	120.83
J&J	05-07-18	13:32-15:30			124	05-07-18 14:39	2170.961217	Other	NA	Electronic	124	124.12
J&J	06-07-18	13:32-15:30			124.97	06-07-18 14:35	1099.023833	Other	NA	Electronic	124.85	124.97
J&J	09-07-18	15:32-17:30			126	09-07-18 17:29	1099.023833	Other	NA	Electronic	126	126.12
J&J	16-07-18	13:32-15:30			125	16-07-18 15:11	1099.287662	Other	NA	Electronic	124.89	125
J&J	16-07-18	15:32-17:30			124.86	16-07-18 16:28	1108.257849	Other	NA	Electronic	124.74	124.86

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J&J	17-07-18	13:32-15:30			129.5	17-07-18 14:00	2277.724035	Other	NA	Electronic	129.12	129.5
J&J	17-07-18	15:32-17:30			128.6	17-07-18 15:56	2277.724035	Other	NA	Electronic	128.6	128.74
J&J	18-07-18	13:32-15:30			128.15	18-07-18 13:40	2271.392138	Other	NA	Electronic	128.15	128.33
J&J	18-07-18	15:32-17:30			127.54	18-07-18 15:40	1121.625187	Other	NA	Electronic	127.54	127.65
J&J	20-07-18	15:32-17:30			125.72	20-07-18 16:31	1105.619559	Other	NA	Electronic	125.58	125.72
J&J	23-07-18	13:32-15:30			126.12	23-07-18 14:02	1109.137279	Other	NA	Electronic	126	126.12
J&J	24-07-18	13:32-15:30			127.99	24-07-18 14:00	2251.165245	Other	NA	Electronic	127.86	127.99
J&J	25-07-18	13:32-15:30			128.66	25-07-18 13:49	1105.619559	Other	NA	Electronic	128.66	128.82
J&J	26-07-18	13:32-15:30			130.71	26-07-18 13:40	2299.006244	Other	NA	Electronic	130.56	130.71
J&J	01-08-18	13:32-15:30			132.5	01-08-18 13:40	1285.375077	Other	NA	Electronic	132.5	132.65
J&J	07-08-18	13:32-15:30			132	07-08-18 14:20	1160.847771	Other	NA	Electronic	131.87	132
J&J	08-08-18	13:32-15:30			130.9	08-08-18 14:05	1160.847771	Other	NA	Electronic	130.9	131.04
J&J	13-08-18	15:32-17:30			130.01	13-08-18 16:00	2299.006244	Other	NA	Electronic	130.01	130.15
J&J	14-08-18	13:32-15:30			129.58	14-08-18 14:05	1139.565562	Other	NA	Electronic	129.58	129.7
J&J	15-08-18	13:32-15:30			129.37	15-08-18 13:46	1139.565562	Other	NA	Electronic	129.22	129.37

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
J&J	16-08-18	13:32-15:30			131.27	16-08-18 14:00	3463.283792	Other	NA	Electronic	131.14	131.27
J&J	16-08-18	15:32-17:30			131.97	16-08-18 16:51	1154.69176	Other	NA	Electronic	131.97	132.1
J&J	28-08-18	13:32-15:30			134.04	28-08-18 14:00	1178.788145	Other	NA	Electronic	134.04	134.19
J&J	28-08-18	15:32-17:30			134.49	28-08-18 16:01	1178.788145	Other	NA	Electronic	134.37	134.49
J&J	04-09-18	13:32-15:30			133.85	04-09-18 15:27	1177.117228	Other	NA	Electronic	133.85	133.96
J&J	04-09-18	15:32-17:30			133.53	04-09-18 16:10	1177.117228	Other	NA	Electronic	133.41	133.53
J&J	06-09-18	13:32-15:30			135.58	06-09-18 13:43	1192.331369	Other	NA	Electronic	135.44	135.58
J&J	11-09-18	13:32-15:30			138.16	11-09-18 14:01	1215.020667	Other	NA	Electronic	138.03	138.16
J&J	12-09-18	13:32-15:30			139.55	12-09-18 14:20	1220.561076	Other	NA	Electronic	139.55	139.68
J&J	18-09-18	15:32-17:30			140.73	18-09-18 16:29	1237.622021	Other	NA	Electronic	140.61	140.73
J&J	19-09-18	13:32-15:30			139.98	19-09-18 13:57	1237.622021	Other	NA	Electronic	139.98	140.24
J&J	27-09-18	13:32-15:30			137.67	27-09-18 13:40	2357.400405	Other	NA	Electronic	137.67	137.8
J M Smucker	16-07-18	15:32-17:30			108.86	16-07-18 17:10	957.3476387	Other	NA	Electronic	108.49	108.86
J M Smucker	24-07-18	13:32-15:30			106.89	24-07-18 14:48	940.0228652	Other	NA	Electronic	106.6	106.89
J M Smucker	26-07-18	13:32-15:30			110.29	26-07-18 15:04	940.0228652	Other	NA	Electronic	110.29	110.63

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Johnson Controls	31-08-18	15:32-17:30			37.84	31-08-18 16:18	332.7763609	Other	NA	Electronic	37.78	37.84
Johnson Controls	05-09-18	13:32-15:30			38.24	05-09-18 15:20	332.7763609	Other	NA	Electronic	38.24	38.3
JP225Cash	02-07-18	09:32-11:30			21,769.00	02-07-18 09:32	506.8142704	Other	NA	Electronic	21,757.00	21,769.00
JP225Cash	02-07-18	11:32-13:30			21,747.00	02-07-18 11:32	168.5892367	Other	NA	Electronic	21,747.00	21,759.00
JP225Cash	02-07-18	13:30-13:32	21,708.67	8620.121866								
JP225Cash	02-07-18	15:30-15:32	21,775.00	843.8764594								
JP225Cash	03-07-18	09:30-09:32	21,856.00	168.7985488								
JP225Cash	03-07-18	11:32-13:30			21,876.00	03-07-18 11:32	168.7597873	Other	NA	Electronic	21,876.00	21,888.00
JP225Cash	03-07-18	13:32-15:30			21,846.00	03-07-18 13:33	5080.701428	Other	NA	Electronic	21,846.00	21,858.00
JP225Cash	03-07-18	15:32-17:30			21,816.00	03-07-18 15:36	3044.234616	Other	NA	Electronic	21,816.00	21,828.00
JP225Cash	04-07-18	09:30-09:32	21,724.00	1682.558879								
JP225Cash	04-07-18	11:32-13:30			21,697.00	04-07-18 11:35	8410.081089	Other	NA	Electronic	21,697.00	21,709.00
JP225Cash	04-07-18	13:32-15:30			21,694.00	04-07-18 13:36	336.3567298	Other	NA	Electronic	21,682.00	21,694.00
JP225Cash	04-07-18	15:32-17:30			21,687.00	04-07-18 16:08	841.0856319	Other	NA	Electronic	21,687.00	21,699.00
JP225Cash	05-07-18	09:30-09:32	21,642.00	4997.67431								



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JP225Cash	05-07-18	11:32-13:30			21,704.00	05-07-18 11:40	333.922508	Other	NA	Electronic	21,697.00	21,709.00
JP225Cash	05-07-18	13:32-15:30			21,647.00	05-07-18 13:33	1678.140069	Other	NA	Electronic	21,647.00	21,659.00
JP225Cash	05-07-18	15:30-15:32	21,666.67	51412.92618								
JP225Cash	06-07-18	09:32-11:30			21,744.00	06-07-18 09:47	168.8760718	Other	NA	Electronic	21,732.00	21,744.00
JP225Cash	06-07-18	11:30-11:32	21,737.00	505.2793153								
JP225Cash	06-07-18	13:30-13:32	21,737.00	168.5117137								
JP225Cash	06-07-18	15:30-15:32	21,849.00	506.3491325								
JP225Cash	09-07-18	09:32-11:30			22,073.00	09-07-18 09:44	171.116486	Other	NA	Electronic	22,073.00	22,085.00
JP225Cash	09-07-18	11:32-13:30			22,083.00	09-07-18 11:35	683.9077787	Other	NA	Electronic	22,083.00	22,095.00
JP225Cash	09-07-18	13:32-15:30			22,088.00	09-07-18 13:33	171.2327705	Other	NA	Electronic	22,088.00	22,100.00
JP225Cash	09-07-18	15:30-15:32	22,118.00	5143.960184								
JP225Cash	10-07-18	09:32-11:30			22,225.00	10-07-18 09:43	7581.996062	Other	NA	Electronic	22,213.00	22,225.00
JP225Cash	10-07-18	11:30-11:32	22,233.00	3449.772858								
JP225Cash	10-07-18	13:30-13:32	22,233.00	172.3568538								
JP225Cash	10-07-18	15:30-15:32	22,240.00	6896.444796								

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JP225Cash	11-07-18	09:32-11:30			21,932.00	11-07-18 09:34	171.8141929	Other	NA	Electronic	21,920.00	21,932.00
JP225Cash	11-07-18	11:32-13:30			21,950.00	11-07-18 11:58	85031.08672	Other	NA	Electronic	21,950.00	21,962.00
JP225Cash	11-07-18	13:30-13:32	21,952.00	4257.911221								
JP225Cash	11-07-18	15:30-15:32	21,990.00	13637.84362								
JP225Cash	12-07-18	09:32-11:30			22,264.00	12-07-18 09:36	1725.971751	Other	NA	Electronic	22,264.00	22,276.00
JP225Cash	12-07-18	11:32-13:30			22,299.00	12-07-18 11:36	170.8529079	Other	NA	Electronic	22,299.00	22,311.00
JP225Cash	12-07-18	13:32-15:30			22,311.00	12-07-18 13:32	16777.26871	Other	NA	Electronic	22,299.00	22,311.00
JP225Cash	12-07-18	15:32-17:30			22,289.00	12-07-18 15:43	1727.909825	Other	NA	Electronic	22,289.00	22,301.00
JP225Cash	13-07-18	09:32-11:30			22,555.00	13-07-18 09:33	174.8530939	Other	NA	Electronic	22,543.00	22,555.00
JP225Cash	13-07-18	11:32-13:30			22,563.00	13-07-18 11:37	175.6283238	Other	NA	Electronic	22,563.00	22,575.00
JP225Cash	13-07-18	13:30-13:32	22,605.00	699.7689815								
JP225Cash	13-07-18	15:32-17:30			22,603.00	13-07-18 15:33	175.2252043	Other	NA	Electronic	22,603.00	22,615.00
JP225Cash	16-07-18	09:32-11:30			22,690.00	16-07-18 09:37	1758.996542	Other	NA	Electronic	22,678.00	22,690.00
JP225Cash	16-07-18	11:30-11:32	22,598.00	155915.9341								
JP225Cash	16-07-18	13:32-15:30			22,670.00	16-07-18 13:33	2636.169124	Other	NA	Electronic	22,658.00	22,670.00

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JP225Cash	16-07-18	15:32-17:30			22,618.00	16-07-18 15:32	7189.001039	Other	NA	Electronic	22,618.00	22,630.00
JP225Cash	17-07-18	09:32-11:30			22,700.00	17-07-18 09:38	526.6058886	Other	NA	Electronic	22,688.00	22,700.00
JP225Cash	17-07-18	11:32-13:30			22,705.00	17-07-18 12:00	175.9229111	Other	NA	Electronic	22,693.00	22,705.00
JP225Cash	17-07-18	13:32-15:30			22,735.00	17-07-18 13:44	879.4207483	Other	NA	Electronic	22,723.00	22,735.00
JP225Cash	17-07-18	15:32-17:30			22,815.00	17-07-18 15:32	707.4747663	Other	NA	Electronic	22,803.00	22,815.00
JP225Cash	18-07-18	09:32-11:30			22,863.00	18-07-18 09:33	177.5508938	Other	NA	Electronic	22,851.00	22,863.00
JP225Cash	18-07-18	11:30-11:32	22,833.00	3718.048901								
JP225Cash	18-07-18	13:30-13:32	22,840.00	14873.24992								
JP225Cash	18-07-18	15:32-17:30			22,888.00	18-07-18 15:46	532.0014884	Other	NA	Electronic	22,888.00	22,900.00
JP225Cash	19-07-18	09:32-11:30			22,783.00	19-07-18 10:08	176.698141	Other	NA	Electronic	22,771.00	22,783.00
JP225Cash	19-07-18	11:32-13:30			22,756.00	19-07-18 11:40	176.411306	Other	NA	Electronic	22,756.00	22,768.00
JP225Cash	19-07-18	13:32-15:30			22,793.00	19-07-18 13:42	3533.96282	Other	NA	Electronic	22,781.00	22,793.00
JP225Cash	19-07-18	15:32-17:30			22,788.00	19-07-18 16:03	1766.593795	Other	NA	Electronic	22,776.00	22,788.00
JP225Cash	20-07-18	09:32-11:30			22,716.00	20-07-18 09:32	352.4039878	Other	NA	Electronic	22,704.00	22,716.00
JP225Cash	20-07-18	11:30-11:32	22,661.00	168.8760718								

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JP225Cash	20-07-18	13:32-15:30			22,546.00	20-07-18 13:34	3495.666465	Other	NA	Electronic	22,534.00	22,546.00
JP225Cash	20-07-18	15:30-15:32	22,636.00	14038.48241								
JP225Cash	23-07-18	09:32-11:30			22,459.00	23-07-18 09:35	346.4812317	Other	NA	Electronic	22,447.00	22,459.00
JP225Cash	23-07-18	11:32-13:30			22,434.00	23-07-18 11:44	173.9150658	Other	NA	Electronic	22,422.00	22,434.00
JP225Cash	23-07-18	13:32-15:30			22,427.00	23-07-18 13:44	870.5443664	Other	NA	Electronic	22,427.00	22,439.00
JP225Cash	23-07-18	15:32-17:30			22,484.00	23-07-18 15:35	173.5662124	Other	NA	Electronic	22,472.00	22,484.00
JP225Cash	24-07-18	09:32-11:30			22,556.00	24-07-18 09:32	174.8608462	Other	NA	Electronic	22,544.00	22,556.00
JP225Cash	24-07-18	11:32-13:30			22,559.00	24-07-18 11:33	1748.220847	Other	NA	Electronic	22,559.00	22,571.00
JP225Cash	24-07-18	13:32-15:30			22,611.00	24-07-18 13:38	701.1488906	Other	NA	Electronic	22,599.00	22,611.00
JP225Cash	24-07-18	15:32-17:30			22,621.00	24-07-18 16:05	3507.294913	Other	NA	Electronic	22,609.00	22,621.00
JP225Cash	25-07-18	09:32-11:30			22,592.00	25-07-18 09:41	174.9383692	Other	NA	Electronic	22,592.00	22,604.00
JP225Cash	25-07-18	11:32-13:30			22,552.00	25-07-18 11:33	4370.745926	Other	NA	Electronic	22,552.00	22,564.00
JP225Cash	25-07-18	13:32-15:30			22,572.00	25-07-18 13:38	349.969766	Other	NA	Electronic	22,572.00	22,584.00
JP225Cash	25-07-18	15:32-17:30			22,547.00	25-07-18 15:38	174.7445618	Other	NA	Electronic	22,547.00	22,559.00
JP225Cash	26-07-18	09:32-11:30			22,614.00	26-07-18 09:34	10518.62877	Other	NA	Electronic	22,602.00	22,614.00

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JP225Cash	26-07-18	11:32-13:30			22,599.00	26-07-18 12:08	4020.194738	Other	NA	Electronic	22,587.00	22,599.00
JP225Cash	26-07-18	13:32-15:30			22,622.00	26-07-18 13:41	175.1166721	Other	NA	Electronic	22,622.00	22,634.00
JP225Cash	26-07-18	15:32-17:30			22,632.00	26-07-18 15:34	2276.516737	Other	NA	Electronic	22,632.00	22,644.00
JP225Cash	27-07-18	09:32-11:30			22,736.00	27-07-18 10:01	4390.708095	Other	NA	Electronic	22,736.00	22,748.00
JP225Cash	27-07-18	11:32-13:30			22,731.00	27-07-18 12:09	176.2097462	Other	NA	Electronic	22,731.00	22,743.00
JP225Cash	27-07-18	13:32-15:30			22,713.00	27-07-18 13:42	352.5900429	Other	NA	Electronic	22,701.00	22,713.00
JP225Cash	27-07-18	15:32-17:30			22,676.00	27-07-18 15:59	878.9556103	Other	NA	Electronic	22,676.00	22,688.00
JP225Cash	30-07-18	09:32-11:30			22,573.00	30-07-18 09:38	2099.911624	Other	NA	Electronic	22,561.00	22,573.00
JP225Cash	30-07-18	11:32-13:30			22,588.00	30-07-18 12:03	1926.198118	Other	NA	Electronic	22,576.00	22,588.00
JP225Cash	30-07-18	13:30-13:32	22,603.00	2638.029676								
JP225Cash	30-07-18	15:32-17:30			22,531.00	30-07-18 15:33	75281.49371	Other	NA	Electronic	22,531.00	22,543.00
JP225Cash	31-07-18	09:32-11:30			22,571.00	31-07-18 09:41	2274.702699	Other	NA	Electronic	22,559.00	22,571.00
JP225Cash	31-07-18	11:32-13:30			22,584.00	31-07-18 11:32	175.0779106	Other	NA	Electronic	22,584.00	22,596.00
JP225Cash	31-07-18	13:32-15:30			22,641.00	31-07-18 13:37	175.5197916	Other	NA	Electronic	22,629.00	22,641.00
JP225Cash	31-07-18	15:32-17:30			22,696.00	31-07-18 15:48	349.1480224	Other	NA	Electronic	22,684.00	22,696.00

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JP225Cash	01-08-18	09:30-09:32	22,721.00	176.1399755								
JP225Cash	01-08-18	11:32-13:30			22,738.00	01-08-18 11:44	17925.15931	Other	NA	Electronic	22,726.00	22,738.00
JP225Cash	01-08-18	13:30-13:32	22,768.00	176.5043335								
JP225Cash	01-08-18	15:30-15:32	22,709.00	529.4509822								
JP225Cash	02-08-18	09:30-09:32	22,400.00	868.2574383								
JP225Cash	02-08-18	11:32-13:30			22,425.00	02-08-18 11:32	176.4035537	Other	NA	Electronic	22,425.00	22,437.00
JP225Cash	02-08-18	13:32-15:30			22,442.00	02-08-18 13:38	1739.770842	Other	NA	Electronic	22,430.00	22,442.00
JP225Cash	02-08-18	15:32-17:30			22,544.00	02-08-18 15:36	174.7678187	Other	NA	Electronic	22,532.00	22,544.00
JP225Cash	03-08-18	09:32-11:30			22,547.00	03-08-18 09:36	174.7910756	Other	NA	Electronic	22,547.00	22,559.00
JP225Cash	03-08-18	11:32-13:30			22,584.00	03-08-18 11:46	175.0779106	Other	NA	Electronic	22,572.00	22,584.00
JP225Cash	03-08-18	13:30-13:32	22,487.00	174.3259376								
JP225Cash	03-08-18	15:30-15:32	22,477.00	3508.225189								
JP225Cash	06-08-18	09:32-11:30			22,489.00	06-08-18 09:37	835.3876925	Other	NA	Electronic	22,477.00	22,489.00
JP225Cash	06-08-18	11:32-13:30			22,532.00	06-08-18 11:36	871.3195963	Other	NA	Electronic	22,532.00	22,544.00
JP225Cash	06-08-18	13:32-15:30			22,544.00	06-08-18 14:10	174.6747911	Other	NA	Electronic	22,532.00	22,544.00

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JP225Cash	06-08-18	15:32-17:30			22,569.00	06-08-18 16:02	522.9778129	Other	NA	Electronic	22,557.00	22,569.00
JP225Cash	07-08-18	09:30-09:32	22,664.00	1405.584756								
JP225Cash	07-08-18	11:32-13:30			22,644.00	07-08-18 12:01	175.5430485	Other	NA	Electronic	22,644.00	22,656.00
JP225Cash	07-08-18	13:32-15:30			22,676.00	07-08-18 15:02	1923.98096	Other	NA	Electronic	22,664.00	22,676.00
JP225Cash	07-08-18	15:32-17:30			22,654.00	07-08-18 15:40	174.3026807	Other	NA	Electronic	22,654.00	22,666.00
JP225Cash	08-08-18	09:32-11:30			22,618.00	08-08-18 09:38	526.0244663	Other	NA	Electronic	22,601.00	22,613.00
JP225Cash	08-08-18	11:32-13:30			22,621.00	08-08-18 12:01	701.4589826	Other	NA	Electronic	22,621.00	22,633.00
JP225Cash	08-08-18	13:32-15:30			22,596.00	08-08-18 13:33	350.3418764	Other	NA	Electronic	22,596.00	22,608.00
JP225Cash	08-08-18	15:32-17:30			22,623.00	08-08-18 15:41	350.4969223	Other	NA	Electronic	22,611.00	22,623.00
JP225Cash	09-08-18	09:32-11:30			22,630.00	09-08-18 10:07	349.9387568	Other	NA	Electronic	22,618.00	22,630.00
JP225Cash	09-08-18	11:32-13:30			22,613.00	09-08-18 12:13	174.7988279	Other	NA	Electronic	22,613.00	22,625.00
JP225Cash	09-08-18	13:32-15:30			22,605.00	09-08-18 13:35	175.2639658	Other	NA	Electronic	22,593.00	22,605.00
JP225Cash	09-08-18	15:32-17:30			22,580.00	09-08-18 15:51	2625.703521	Other	NA	Electronic	22,568.00	22,580.00
JP225Cash	10-08-18	09:30-09:32	22,296.00	345.9230662								
JP225Cash	10-08-18	11:32-13:30			22,279.00	10-08-18 12:14	172.7134595	Other	NA	Electronic	22,279.00	22,291.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	10-08-18	13:32-15:30			22,266.00	10-08-18 13:32	1727.909825	Other	NA	Electronic	22,254.00	22,266.00
JP225Cash	10-08-18	15:30-15:32	22,181.00	343.9074686								
JP225Cash	13-08-18	09:32-11:30			21,963.00	13-08-18 09:45	1702.637332	Other	NA	Electronic	21,951.00	21,963.00
JP225Cash	13-08-18	11:32-13:30			21,978.00	13-08-18 11:50	170.3800177	Other	NA	Electronic	21,966.00	21,978.00
JP225Cash	13-08-18	13:32-15:30			22,136.00	13-08-18 13:34	3061.258663	Other	NA	Electronic	22,141.00	22,153.00
JP225Cash	13-08-18	15:32-17:30			22,051.00	13-08-18 15:35	4295.354823	Other	NA	Electronic	22,051.00	22,063.00
JP225Cash	14-08-18	09:32-11:30			22,305.00	14-08-18 09:51	518.7450579	Other	NA	Electronic	22,305.00	22,317.00
JP225Cash	14-08-18	11:30-11:32	22,280.50	346.4269656								
JP225Cash	14-08-18	13:32-15:30			22,245.00	14-08-18 13:34	344.8997628	Other	NA	Electronic	22,245.00	22,257.00
JP225Cash	14-08-18	15:32-17:30			22,282.00	14-08-18 15:40	172.7367164	Other	NA	Electronic	22,270.00	22,282.00
JP225Cash	15-08-18	09:32-11:30			22,199.00	15-08-18 09:36	172.0932757	Other	NA	Electronic	22,187.00	22,199.00
JP225Cash	15-08-18	11:30-11:32	22,057.00	170.9924493								
JP225Cash	15-08-18	13:30-13:32	22,047.00	170.9149263								
JP225Cash	15-08-18	15:30-15:32	21,937.00	3572.003349								
JP225Cash	16-08-18	09:32-11:30			22,204.00	16-08-18 09:40	171.9382297	Other	NA	Electronic	22,204.00	22,216.00



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	16-08-18	11:32-13:30			22,229.00	16-08-18 11:47	1032.88525	Other	NA	Electronic	22,229.00	22,241.00
JP225Cash	16-08-18	13:32-15:30			22,189.00	16-08-18 13:32	170.465293	Other	NA	Electronic	22,189.00	22,201.00
JP225Cash	16-08-18	15:30-15:32	22,276.00	4296.905282								
JP225Cash	17-08-18	09:30-09:32	22,216.00	172.2250647								
JP225Cash	17-08-18	11:32-13:30			22,144.00	17-08-18 11:33	343.3337985	Other	NA	Electronic	22,144.00	22,156.00
JP225Cash	17-08-18	13:32-15:30			22,176.00	17-08-18 13:36	2750.391491	Other	NA	Electronic	22,164.00	22,176.00
JP225Cash	17-08-18	15:30-15:32	22,189.00	171.7599268								
JP225Cash	20-08-18	09:32-11:30			22,247.00	20-08-18 09:36	172.465386	Other	NA	Electronic	22,247.00	22,259.00
JP225Cash	20-08-18	11:30-11:32	22,219.50	26710.45165								
JP225Cash	20-08-18	13:32-15:30			22,192.00	20-08-18 13:32	861.5129386	Other	NA	Electronic	22,192.00	22,204.00
JP225Cash	20-08-18	15:32-17:30			22,229.00	20-08-18 15:32	172.3258446	Other	NA	Electronic	22,229.00	22,241.00
JP225Cash	21-08-18	09:32-11:30			22,307.00	21-08-18 09:39	17251.96521	Other	NA	Electronic	22,307.00	22,319.00
JP225Cash	21-08-18	11:32-13:30			22,319.00	21-08-18 11:43	346.047103	Other	NA	Electronic	22,307.00	22,319.00
JP225Cash	21-08-18	13:32-15:30			22,339.00	21-08-18 13:33	346.3571949	Other	NA	Electronic	22,327.00	22,339.00
JP225Cash	21-08-18	15:32-17:30			22,347.00	21-08-18 15:56	173.2406158	Other	NA	Electronic	22,347.00	22,359.00

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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JP225Cash	22-08-18	09:32-11:30			22,344.00	22-08-18 10:06	173.1553406	Other	NA	Electronic	22,344.00	22,356.00
JP225Cash	22-08-18	11:32-13:30			22,369.00	22-08-18 11:38	520.2334992	Other	NA	Electronic	22,369.00	22,381.00
JP225Cash	22-08-18	13:32-15:30			22,394.00	22-08-18 14:09	173.6049739	Other	NA	Electronic	22,394.00	22,406.00
JP225Cash	22-08-18	15:32-17:30			22,434.00	22-08-18 16:06	519.9311596	Other	NA	Electronic	22,434.00	22,446.00
JP225Cash	23-08-18	09:32-11:30			22,422.00	23-08-18 10:29	1216.754268	Other	NA	Electronic	22,422.00	22,434.00
JP225Cash	23-08-18	11:32-13:30			22,439.00	23-08-18 11:47	521.8614819	Other	NA	Electronic	22,427.00	22,439.00
JP225Cash	23-08-18	13:32-15:30			22,464.00	23-08-18 13:40	696.5905391	Other	NA	Electronic	22,452.00	22,464.00
JP225Cash	23-08-18	15:30-15:32	22,466.00	523.3266664								
JP225Cash	24-08-18	09:30-09:32	22,605.00	350.4814177								
JP225Cash	24-08-18	11:30-11:32	22,633.00	523.7220336								
JP225Cash	24-08-18	13:32-15:30			22,628.00	24-08-18 13:39	174.4577267	Other	NA	Electronic	22,628.00	22,640.00
JP225Cash	24-08-18	15:32-17:30			22,635.00	24-08-18 15:53	520.5823527	Other	NA	Electronic	22,623.00	22,635.00
JP225Cash	27-08-18	09:32-11:30			22,810.00	27-08-18 09:45	176.8066732	Other	NA	Electronic	22,810.00	22,822.00
JP225Cash	27-08-18	11:32-13:30			22,800.00	27-08-18 13:07	176.8919485	Other	NA	Electronic	22,800.00	22,812.00
JP225Cash	27-08-18	13:32-15:30			22,812.00	27-08-18 13:37	173.7057538	Other	NA	Electronic	22,800.00	22,812.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	27-08-18	15:32-17:30			22,865.00	27-08-18 15:35	354.0784843	Other	NA	Electronic	22,865.00	22,877.00
JP225Cash	28-08-18	09:32-11:30			22,830.00	28-08-18 09:37	2654.774641	Other	NA	Electronic	22,830.00	22,842.00
JP225Cash	28-08-18	11:32-13:30			22,857.00	28-08-18 11:37	885.9714405	Other	NA	Electronic	22,845.00	22,857.00
JP225Cash	28-08-18	13:30-13:32	22,869.00	7269.462146								
JP225Cash	28-08-18	15:32-17:30			22,805.00	28-08-18 15:50	353.5823372	Other	NA	Electronic	22,805.00	22,817.00
JP225Cash	29-08-18	09:32-11:30			22,811.00	29-08-18 09:38	354.1715119	Other	NA	Electronic	22,811.00	22,823.00
JP225Cash	29-08-18	11:32-13:30			22,868.00	29-08-18 12:14	174.2639193	Other	NA	Electronic	22,856.00	22,868.00
JP225Cash	29-08-18	13:32-15:30			22,873.00	29-08-18 13:42	354.6366498	Other	NA	Electronic	22,861.00	22,873.00
JP225Cash	29-08-18	15:32-17:30			22,958.00	29-08-18 15:40	177.9772703	Other	NA	Electronic	22,946.00	22,958.00
JP225Cash	30-08-18	09:32-11:30			22,837.00	30-08-18 09:37	177.0392421	Other	NA	Electronic	22,825.00	22,837.00
JP225Cash	30-08-18	11:32-13:30			22,835.00	30-08-18 11:39	176.8841962	Other	NA	Electronic	22,835.00	22,847.00
JP225Cash	30-08-18	13:30-13:32	22,800.00	353.5048142								
JP225Cash	30-08-18	15:32-17:30			22,745.00	30-08-18 15:40	177.7447013	Other	NA	Electronic	22,745.00	22,757.00
JP225Cash	31-08-18	11:32-13:30			22,794.00	31-08-18 11:44	176.9617191	Other	NA	Electronic	22,782.00	22,794.00
JP225Cash	31-08-18	13:32-15:30			22,782.00	31-08-18 14:00	5298.385971	Other	NA	Electronic	22,782.00	22,794.00

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	31-08-18	15:30-15:32	22,763.00	352.8381165								
JP225Cash	03-09-18	09:32-11:30			22,739.00	03-09-18 09:35	352.5590338	Other	NA	Electronic	22,739.00	22,751.00
JP225Cash	03-09-18	11:32-13:30			22,786.00	03-09-18 11:46	353.2877498	Other	NA	Electronic	22,774.00	22,786.00
JP225Cash	03-09-18	13:32-15:30			22,781.00	03-09-18 13:58	176.6051134	Other	NA	Electronic	22,769.00	22,781.00
JP225Cash	03-09-18	15:32-17:30			22,781.00	03-09-18 15:39	176.6051134	Other	NA	Electronic	22,769.00	22,781.00
JP225Cash	04-09-18	09:32-11:30			22,712.00	04-09-18 09:33	529.210661	Other	NA	Electronic	22,700.00	22,712.00
JP225Cash	04-09-18	11:32-13:30			22,672.00	04-09-18 11:34	5274.663938	Other	NA	Electronic	22,660.00	22,672.00
JP225Cash	04-09-18	13:30-13:32	22,650.00	2637.564538								
JP225Cash	04-09-18	15:32-17:30			22,650.00	04-09-18 15:34	351.1791246	Other	NA	Electronic	22,650.00	22,662.00
JP225Cash	05-09-18	09:32-11:30			22,550.00	05-09-18 09:56	351.1791246	Other	NA	Electronic	22,538.00	22,550.00
JP225Cash	05-09-18	11:32-13:30			22,565.00	05-09-18 11:34	1052.839667	Other	NA	Electronic	22,553.00	22,565.00
JP225Cash	05-09-18	13:32-15:30			22,600.00	05-09-18 13:46	350.4038948	Other	NA	Electronic	22,588.00	22,600.00
JP225Cash	05-09-18	15:30-15:32	22,493.67	871.8002388								
JP225Cash	06-09-18	09:32-11:30			22,549.00	06-09-18 09:36	174.8065802	Other	NA	Electronic	22,549.00	22,561.00
JP225Cash	06-09-18	11:32-13:30			22,534.00	06-09-18 11:50	349.1015086	Other	NA	Electronic	22,534.00	22,546.00

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JP225Cash	06-09-18	13:32-15:30			22,541.00	06-09-18 13:33	872.870056	Other	NA	Electronic	22,529.00	22,541.00
JP225Cash	06-09-18	15:30-15:32	22,401.00	173.65924								
JP225Cash	07-09-18	09:32-11:30			22,355.00	07-09-18 09:33	1733.026342	Other	NA	Electronic	22,355.00	22,367.00
JP225Cash	07-09-18	11:32-13:30			22,367.00	07-09-18 11:32	173.4886894	Other	NA	Electronic	22,355.00	22,367.00
JP225Cash	07-09-18	13:32-15:30			22,315.00	07-09-18 13:32	1729.925423	Other	NA	Electronic	22,315.00	22,327.00
JP225Cash	07-09-18	15:32-17:30			22,417.00	07-09-18 15:34	346.1401305	Other	NA	Electronic	22,405.00	22,417.00
JP225Cash	10-09-18	09:32-11:30			22,440.00	10-09-18 09:32	173.5119463	Other	NA	Electronic	22,440.00	22,452.00
JP225Cash	10-09-18	11:32-13:30			22,440.00	10-09-18 11:37	26020.97772	Other	NA	Electronic	22,440.00	22,452.00
JP225Cash	10-09-18	13:32-15:30			22,480.00	10-09-18 13:41	173.9770842	Other	NA	Electronic	22,480.00	22,492.00
JP225Cash	10-09-18	15:30-15:32	22,477.00	348.4968293								
JP225Cash	11-09-18	09:30-09:32	22,582.00	350.124812								
JP225Cash	11-09-18	11:32-13:30			22,567.00	11-09-18 12:04	174.8143324	Other	NA	Electronic	22,555.00	22,567.00
JP225Cash	11-09-18	13:32-15:30			22,617.00	11-09-18 13:57	24722.05684	Other	NA	Electronic	22,605.00	22,617.00
JP225Cash	11-09-18	15:32-17:30			22,640.00	11-09-18 15:36	5440.873219	Other	NA	Electronic	22,640.00	22,652.00
JP225Cash	12-09-18	09:32-11:30			22,640.00	12-09-18 09:33	528.2106144	Other	NA	Electronic	22,640.00	22,652.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	12-09-18	11:30-11:32	22,640.00	175.5120393								
JP225Cash	12-09-18	13:32-15:30			22,607.00	12-09-18 13:32	5257.686404	Other	NA	Electronic	22,607.00	22,619.00
JP225Cash	12-09-18	15:30-15:32	22,697.00	11085.09698								
JP225Cash	13-09-18	09:32-11:30			22,824.00	13-09-18 09:58	1942.656248	Other	NA	Electronic	22,824.00	22,836.00
JP225Cash	13-09-18	11:32-13:30			22,909.00	13-09-18 11:34	354.4195854	Other	NA	Electronic	22,909.00	22,921.00
JP225Cash	13-09-18	13:30-13:32	22,951.00	520.3730406								
JP225Cash	13-09-18	15:32-17:30			22,941.00	13-09-18 15:36	178.256353	Other	NA	Electronic	22,929.00	22,941.00
JP225Cash	14-09-18	09:32-11:30			23,166.00	14-09-18 09:47	179.7292897	Other	NA	Electronic	23,154.00	23,166.00
JP225Cash	14-09-18	11:32-13:30			23,159.00	14-09-18 11:33	897.6774114	Other	NA	Electronic	23,159.00	23,171.00
JP225Cash	14-09-18	13:32-15:30			23,231.00	14-09-18 13:41	898.4526412	Other	NA	Electronic	23,219.00	23,231.00
JP225Cash	14-09-18	15:32-17:30			23,256.00	14-09-18 15:39	180.2874552	Other	NA	Electronic	23,244.00	23,256.00
JP225Cash	17-09-18	09:32-11:30			23,291.00	17-09-18 09:36	9220.359086	Other	NA	Electronic	23,279.00	23,291.00
JP225Cash	17-09-18	11:30-11:32	23,344.00	180.8688776								
JP225Cash	17-09-18	13:32-15:30			23,334.00	17-09-18 13:40	721.4599129	Other	NA	Electronic	23,334.00	23,346.00
JP225Cash	17-09-18	15:30-15:32	23,356.00	181.0626851								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	18-09-18	09:32-11:30			23,511.00	18-09-18 09:36	908.3368219	Other	NA	Electronic	23,499.00	23,511.00
JP225Cash	18-09-18	11:30-11:32	23,529.00	364.8076655								
JP225Cash	18-09-18	13:30-13:32	23,589.00	12983.69692								
JP225Cash	18-09-18	15:30-15:32	23,769.00	1842.643844								
JP225Cash	19-09-18	09:32-11:30			23,749.00	19-09-18 09:43	184.1093384	Other	NA	Electronic	23,749.00	23,761.00
JP225Cash	19-09-18	11:32-13:30			23,756.00	19-09-18 11:36	184.3031459	Other	NA	Electronic	23,744.00	23,756.00
JP225Cash	19-09-18	13:32-15:30			23,781.00	19-09-18 13:34	553.0722359	Other	NA	Electronic	23,769.00	23,781.00
JP225Cash	19-09-18	15:32-17:30			23,744.00	19-09-18 15:49	368.1411539	Other	NA	Electronic	23,744.00	23,756.00
JP225Cash	20-09-18	09:32-11:30			23,679.00	20-09-18 09:41	1818.379149	Other	NA	Electronic	23,667.00	23,679.00
JP225Cash	20-09-18	11:30-11:32	23,744.00	183.7217235								
JP225Cash	20-09-18	13:32-15:30			23,774.00	20-09-18 13:45	1658.728313	Other	NA	Electronic	23,762.00	23,774.00
JP225Cash	20-09-18	15:32-17:30			23,839.00	20-09-18 15:43	184.8070453	Other	NA	Electronic	23,827.00	23,839.00
JP225Cash	21-09-18	09:30-09:32	23,904.00	5560.026048								
JP225Cash	21-09-18	11:32-13:30			23,894.00	21-09-18 11:45	2778.850179	Other	NA	Electronic	23,882.00	23,894.00
JP225Cash	21-09-18	13:32-15:30			23,899.00	21-09-18 13:32	370.7459262	Other	NA	Electronic	23,887.00	23,899.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225Cash	21-09-18	15:32-17:30			23,949.00	21-09-18 15:35	185.6597981	Other	NA	Electronic	23,937.00	23,949.00
JP225Cash	24-09-18	09:30-09:32	23,844.00	184.8458068								
JP225Cash	24-09-18	11:32-13:30			23,839.00	24-09-18 11:41	1848.303022	Other	NA	Electronic	23,827.00	23,839.00
JP225Cash	24-09-18	13:30-13:32	23,817.00	369.2729894								
JP225Cash	24-09-18	15:32-17:30			23,807.00	24-09-18 15:36	55367.69152	Other	NA	Electronic	23,807.00	23,819.00
JP225Cash	25-09-18	09:32-11:30			23,961.00	25-09-18 09:32	369.7381274	Other	NA	Electronic	23,949.00	23,961.00
JP225Cash	25-09-18	11:30-11:32	23,999.00	372.0948261								
JP225Cash	25-09-18	13:32-15:30			23,972.00	25-09-18 14:12	371.676202	Other	NA	Electronic	23,972.00	23,984.00
JP225Cash	25-09-18	15:32-17:30			23,987.00	25-09-18 16:48	185.8923671	Other	NA	Electronic	23,987.00	23,999.00
JP225Cash	26-09-18	09:32-11:30			23,994.00	26-09-18 10:25	372.0173031	Other	NA	Electronic	24,004.00	24,016.00
JP225Cash	26-09-18	11:32-13:30			23,999.00	26-09-18 11:33	179.6285099	Other	NA	Electronic	23,999.00	24,011.00
JP225Cash	26-09-18	13:32-15:30			24,014.00	26-09-18 15:01	186.1636975	Other	NA	Electronic	24,014.00	24,026.00
JP225Cash	26-09-18	15:32-17:30			24,016.00	26-09-18 15:42	2043.963285	Other	NA	Electronic	24,004.00	24,016.00
JP225Cash	27-09-18	09:32-11:30			23,832.00	27-09-18 09:56	184.6132378	Other	NA	Electronic	23,832.00	23,844.00
JP225Cash	27-09-18	11:32-13:30			23,897.00	27-09-18 11:38	2771.524257	Other	NA	Electronic	23,897.00	23,909.00



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JP225Cash	27-09-18	13:30-13:32	23,922.00	370.6451463								
JP225Cash	27-09-18	15:32-17:30			24,094.00	27-09-18 15:36	368.6528056	Other	NA	Electronic	24,077.00	24,089.00
JP225Cash	28-09-18	09:32-11:30			24,172.00	28-09-18 09:50	374.7771214	Other	NA	Electronic	24,172.00	24,184.00
JP225Cash	28-09-18	11:32-13:30			24,087.00	28-09-18 11:43	186.7296153	Other	NA	Electronic	24,087.00	24,099.00
JP225Cash	28-09-18	13:32-15:30			24,104.00	28-09-18 13:58	373.1491387	Other	NA	Electronic	24,097.00	24,109.00
JP225Cash	28-09-18	15:32-17:30			24,119.00	28-09-18 15:40	374.4670295	Other	NA	Electronic	24,107.00	24,119.00
JP225-DEC18	13-09-18	11:32-13:30			22,746.00	13-09-18 12:08	176.333783	Other	NA	Electronic	22,746.00	22,770.00
JP225-DEC18	13-09-18	15:32-17:30			22,785.00	13-09-18 15:35	176.6361226	Other	NA	Electronic	22,761.00	22,785.00
JP225-DEC18	14-09-18	15:32-17:30			23,003.00	14-09-18 16:11	178.3261237	Other	NA	Electronic	23,003.00	23,027.00
JP225-DEC18	17-09-18	09:32-11:30			23,150.00	17-09-18 10:31	3589.314232	Other	NA	Electronic	23,126.00	23,150.00
JP225-DEC18	17-09-18	11:32-13:30			23,195.00	17-09-18 12:08	3596.2913	Other	NA	Electronic	23,171.00	23,195.00
JP225-DEC18	17-09-18	13:30-13:32	23,205.00	3597.84176								
JP225-DEC18	18-09-18	09:32-11:30			23,385.00	18-09-18 10:08	180.4812627	Other	NA	Electronic	23,361.00	23,385.00
JP225-DEC18	18-09-18	13:32-15:30			23,501.00	18-09-18 14:14	522.9778129	Other	NA	Electronic	23,501.00	23,525.00
JP225-DEC18	18-09-18	15:32-17:30			23,601.00	18-09-18 15:52	182.9619982	Other	NA	Electronic	23,601.00	23,625.00

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JP225-DEC18	21-09-18	09:32-11:30			23,738.00	21-09-18 10:05	184.0240631	Other	NA	Electronic	23,738.00	23,762.00
JP225-DEC18	21-09-18	13:32-15:30			23,760.00	21-09-18 14:15	184.1946137	Other	NA	Electronic	23,736.00	23,760.00
JP225-DEC18	24-09-18	09:32-11:30			23,710.00	24-09-18 09:36	182.9232367	Other	NA	Electronic	23,686.00	23,710.00
JP225-DEC18	24-09-18	11:32-13:30			23,666.00	24-09-18 11:53	1467.727181	Other	NA	Electronic	23,666.00	23,690.00
JP225-DEC18	24-09-18	13:32-15:30			23,655.00	24-09-18 13:36	917.5232957	Other	NA	Electronic	23,631.00	23,655.00
JP225-DEC18	25-09-18	09:32-11:30			23,815.00	25-09-18 09:49	3692.419802	Other	NA	Electronic	23,791.00	23,815.00
JP225-DEC18	25-09-18	11:32-13:30			23,826.00	25-09-18 11:32	184.2721367	Other	NA	Electronic	23,826.00	23,850.00
JP225-DEC18	25-09-18	15:32-17:30			23,826.00	25-09-18 17:16	1847.062654	Other	NA	Electronic	23,826.00	23,850.00
JP225-DEC18	26-09-18	09:32-11:30			24,005.00	26-09-18 11:19	183.6984666	Other	NA	Electronic	23,981.00	24,005.00
JP225-DEC18	26-09-18	15:32-17:30			23,971.00	26-09-18 17:21	185.8303487	Other	NA	Electronic	23,971.00	23,995.00
JP225-DEC18	27-09-18	13:32-15:30			23,980.00	27-09-18 14:26	184.0240631	Other	NA	Electronic	23,956.00	23,980.00
JP225-DEC18	27-09-18	15:32-17:30			24,095.00	27-09-18 15:40	9339.581686	Other	NA	Electronic	24,071.00	24,095.00
JP225-DEC18	28-09-18	11:32-13:30			23,996.00	28-09-18 12:21	2790.362342	Other	NA	Electronic	23,996.00	24,020.00
JP225-SEP18	02-07-18	09:32-11:30			21,750.00	02-07-18 11:16	337.2249872	Other	NA	Electronic	21,726.00	21,750.00
JP225-SEP18	02-07-18	13:30-13:32	21,681.00	168.077585								

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JP225-SEP18	02-07-18	15:32-17:30			21,755.00	02-07-18 17:11	168.6512551	Other	NA	Electronic	21,731.00	21,755.00
JP225-SEP18	03-07-18	09:32-11:30			21,851.00	03-07-18 09:54	173.1088268	Other	NA	Electronic	21,851.00	21,875.00
JP225-SEP18	03-07-18	13:32-15:30			21,825.00	03-07-18 14:20	169.193916	Other	NA	Electronic	21,801.00	21,825.00
JP225-SEP18	03-07-18	15:32-17:30			21,726.00	03-07-18 16:32	168.4264384	Other	NA	Electronic	21,726.00	21,750.00
JP225-SEP18	04-07-18	11:32-13:30			21,685.00	04-07-18 13:17	168.1085942	Other	NA	Electronic	21,661.00	21,685.00
JP225-SEP18	04-07-18	13:32-15:30			21,653.00	04-07-18 14:14	169.193916	Other	NA	Electronic	21,653.00	21,677.00
JP225-SEP18	05-07-18	09:32-11:30			21,656.00	05-07-18 10:12	844.2253128	Other	NA	Electronic	21,656.00	21,680.00
JP225-SEP18	05-07-18	11:32-13:30			21,700.00	05-07-18 11:52	168.2248787	Other	NA	Electronic	21,676.00	21,700.00
JP225-SEP18	05-07-18	13:32-15:30			21,611.00	05-07-18 13:48	167.5349241	Other	NA	Electronic	21,611.00	21,635.00
JP225-SEP18	06-07-18	13:32-15:30			21,765.00	06-07-18 14:02	168.7287781	Other	NA	Electronic	21,741.00	21,765.00
JP225-SEP18	06-07-18	15:32-17:30			21,816.00	06-07-18 15:36	169077.6315	Other	NA	Electronic	21,816.00	21,840.00
JP225-SEP18	09-07-18	13:32-15:30			22,115.00	09-07-18 15:01	8572.104129	Other	NA	Electronic	22,091.00	22,115.00
JP225-SEP18	10-07-18	09:32-11:30			22,205.00	10-07-18 10:17	172.1397894	Other	NA	Electronic	22,181.00	22,205.00
JP225-SEP18	10-07-18	13:32-15:30			22,191.00	10-07-18 14:15	349.8612339	Other	NA	Electronic	22,191.00	22,215.00
JP225-SEP18	10-07-18	15:32-17:30			22,240.00	10-07-18 16:04	172.4111199	Other	NA	Electronic	22,216.00	22,240.00

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JP225-SEP18	11-07-18	09:32-11:30			21,930.00	11-07-18 10:52	340.0158147	Other	NA	Electronic	21,906.00	21,930.00
JP225-SEP18	11-07-18	13:32-15:30			21,965.00	11-07-18 13:40	169.4729987	Other	NA	Electronic	21,941.00	21,965.00
JP225-SEP18	11-07-18	15:32-17:30			21,970.00	11-07-18 15:44	170.3645131	Other	NA	Electronic	21,946.00	21,970.00
JP225-SEP18	12-07-18	09:32-11:30			22,256.00	12-07-18 10:32	172.023505	Other	NA	Electronic	22,256.00	22,280.00
JP225-SEP18	12-07-18	11:32-13:30			22,295.00	12-07-18 13:02	5185.12489	Other	NA	Electronic	22,271.00	22,295.00
JP225-SEP18	12-07-18	15:32-17:30			22,330.00	12-07-18 16:29	173.1088268	Other	NA	Electronic	22,306.00	22,330.00
JP225-SEP18	13-07-18	09:32-11:30			22,560.00	13-07-18 10:18	174.8918554	Other	NA	Electronic	22,536.00	22,560.00
JP225-SEP18	13-07-18	13:32-15:30			22,561.00	13-07-18 13:40	174.310433	Other	NA	Electronic	22,561.00	22,585.00
JP225-SEP18	16-07-18	09:32-11:30			22,650.00	16-07-18 09:54	877.9478115	Other	NA	Electronic	22,626.00	22,650.00
JP225-SEP18	16-07-18	15:32-17:30			22,556.00	16-07-18 16:15	174.8608462	Other	NA	Electronic	22,556.00	22,580.00
JP225-SEP18	17-07-18	13:32-15:30			22,760.00	17-07-18 14:32	176.4423151	Other	NA	Electronic	22,736.00	22,760.00
JP225-SEP18	17-07-18	15:32-17:30			22,806.00	17-07-18 16:17	174.3646991	Other	NA	Electronic	22,806.00	22,830.00
JP225-SEP18	18-07-18	13:32-15:30			22,820.00	18-07-18 13:57	176.9074531	Other	NA	Electronic	22,796.00	22,820.00
JP225-SEP18	18-07-18	15:32-17:30			22,895.00	18-07-18 15:56	176.7213979	Other	NA	Electronic	22,871.00	22,895.00
JP225-SEP18	19-07-18	09:32-11:30			22,756.00	19-07-18 09:39	172.1397894	Other	NA	Electronic	22,756.00	22,780.00

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JP225-SEP18	19-07-18	11:32-13:30			22,721.00	19-07-18 11:46	176.1399755	Other	NA	Electronic	22,721.00	22,745.00
JP225-SEP18	19-07-18	13:32-15:30			22,720.00	19-07-18 14:06	176.1322232	Other	NA	Electronic	22,696.00	22,720.00
JP225-SEP18	19-07-18	15:32-17:30			22,700.00	19-07-18 17:04	344.2950835	Other	NA	Electronic	22,676.00	22,700.00
JP225-SEP18	20-07-18	09:32-11:30			22,701.00	20-07-18 09:48	175.9849295	Other	NA	Electronic	22,701.00	22,725.00
JP225-SEP18	20-07-18	15:30-15:32	22,620.00	350.7139867								
JP225-SEP18	23-07-18	09:32-11:30			22,396.00	23-07-18 09:55	1734.964417	Other	NA	Electronic	22,396.00	22,420.00
JP225-SEP18	23-07-18	13:32-15:30			22,396.00	23-07-18 13:42	173.7057538	Other	NA	Electronic	22,396.00	22,420.00
JP225-SEP18	23-07-18	15:32-17:30			22,481.00	23-07-18 16:29	174.0546072	Other	NA	Electronic	22,481.00	22,505.00
JP225-SEP18	24-07-18	09:32-11:30			22,536.00	24-07-18 10:35	167.6434563	Other	NA	Electronic	22,536.00	22,560.00
JP225-SEP18	24-07-18	11:32-13:30			22,551.00	24-07-18 12:14	174.7523141	Other	NA	Electronic	22,551.00	22,575.00
JP225-SEP18	24-07-18	13:32-15:30			22,605.00	24-07-18 14:31	173.791029	Other	NA	Electronic	22,581.00	22,605.00
JP225-SEP18	25-07-18	13:32-15:30			22,496.00	25-07-18 14:55	1929.353303	Other	NA	Electronic	22,496.00	22,520.00
JP225-SEP18	26-07-18	11:32-13:30			22,580.00	26-07-18 11:44	175.0469014	Other	NA	Electronic	22,556.00	22,580.00
JP225-SEP18	26-07-18	13:32-15:30			22,581.00	26-07-18 14:05	175.0546537	Other	NA	Electronic	22,581.00	22,605.00
JP225-SEP18	26-07-18	15:32-17:30			22,621.00	26-07-18 15:41	174.9306169	Other	NA	Electronic	22,621.00	22,645.00

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JP225-SEP18	27-07-18	09:32-11:30			22,721.00	27-07-18 11:21	176.1399755	Other	NA	Electronic	22,721.00	22,745.00
JP225-SEP18	27-07-18	11:32-13:30			22,686.00	27-07-18 12:38	175.8686451	Other	NA	Electronic	22,686.00	22,710.00
JP225-SEP18	27-07-18	15:32-17:30			22,680.00	27-07-18 15:58	175.2872227	Other	NA	Electronic	22,656.00	22,680.00
JP225-SEP18	30-07-18	09:32-11:30			22,570.00	30-07-18 11:23	875.467076	Other	NA	Electronic	22,546.00	22,570.00
JP225-SEP18	30-07-18	11:30-11:32	22,546.00	174.7833233								
JP225-SEP18	30-07-18	15:32-17:30			22,495.00	30-07-18 16:13	523.7685474	Other	NA	Electronic	22,471.00	22,495.00
JP225-SEP18	31-07-18	13:32-15:30			22,640.00	31-07-18 13:34	175.5120393	Other	NA	Electronic	22,611.00	22,635.00
JP225-SEP18	31-07-18	15:32-17:30			22,656.00	31-07-18 15:46	175.6360761	Other	NA	Electronic	22,656.00	22,680.00
JP225-SEP18	01-08-18	09:32-11:30			22,725.00	01-08-18 10:17	176.1709847	Other	NA	Electronic	22,701.00	22,725.00
JP225-SEP18	01-08-18	11:32-13:30			22,691.00	01-08-18 11:52	176.1709847	Other	NA	Electronic	22,691.00	22,715.00
JP225-SEP18	01-08-18	13:32-15:30			22,721.00	01-08-18 13:58	352.279951	Other	NA	Electronic	22,721.00	22,745.00
JP225-SEP18	01-08-18	15:30-15:32	22,683.50	349.9775183								
JP225-SEP18	02-08-18	09:32-11:30			22,410.00	02-08-18 11:03	521.187032	Other	NA	Electronic	22,386.00	22,410.00
JP225-SEP18	02-08-18	13:32-15:30			22,440.00	02-08-18 13:46	173.9615796	Other	NA	Electronic	22,416.00	22,440.00
JP225-SEP18	03-08-18	11:32-13:30			22,480.00	03-08-18 13:04	174.2716716	Other	NA	Electronic	22,456.00	22,480.00

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JP225-SEP18	03-08-18	13:32-15:30			22,491.00	03-08-18 14:28	174.2716716	Other	NA	Electronic	22,491.00	22,515.00
JP225-SEP18	06-08-18	09:32-11:30			22,511.00	06-08-18 11:23	349.0239856	Other	NA	Electronic	22,511.00	22,535.00
JP225-SEP18	06-08-18	11:32-13:30			22,535.00	06-08-18 11:33	349.0239856	Other	NA	Electronic	22,511.00	22,535.00
JP225-SEP18	06-08-18	13:32-15:30			22,530.00	06-08-18 14:09	174.2794238	Other	NA	Electronic	22,506.00	22,530.00
JP225-SEP18	06-08-18	15:32-17:30			22,540.00	06-08-18 15:40	174.7368095	Other	NA	Electronic	22,516.00	22,540.00
JP225-SEP18	07-08-18	09:32-11:30			22,660.00	07-08-18 09:51	174.4732313	Other	NA	Electronic	22,636.00	22,660.00
JP225-SEP18	07-08-18	13:32-15:30			22,631.00	07-08-18 13:45	175.4422686	Other	NA	Electronic	22,631.00	22,655.00
JP225-SEP18	10-08-18	11:32-13:30			22,275.00	10-08-18 12:18	172.6824503	Other	NA	Electronic	22,251.00	22,275.00
JP225-SEP18	10-08-18	13:32-15:30			22,230.00	10-08-18 13:43	347.7371041	Other	NA	Electronic	22,206.00	22,230.00
JP225-SEP18	13-08-18	11:32-13:30			22,037.00	13-08-18 12:21	174.2794238	Other	NA	Electronic	22,013.00	22,037.00
JP225-SEP18	13-08-18	15:32-17:30			21,971.00	13-08-18 17:03	340.6515032	Other	NA	Electronic	21,971.00	21,995.00
JP225-SEP18	14-08-18	11:32-13:30			22,235.00	14-08-18 12:07	855.8925221	Other	NA	Electronic	22,211.00	22,235.00
JP225-SEP18	14-08-18	13:32-15:30			22,198.00	14-08-18 13:36	342.7291192	Other	NA	Electronic	22,198.00	22,222.00
JP225-SEP18	15-08-18	09:32-11:30			22,095.00	15-08-18 10:47	858.7996341	Other	NA	Electronic	22,071.00	22,095.00
JP225-SEP18	15-08-18	13:32-15:30			21,955.00	15-08-18 15:10	170.2017148	Other	NA	Electronic	21,931.00	21,955.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
JP225-SEP18	16-08-18	11:32-13:30			22,206.00	16-08-18 11:50	343.891964	Other	NA	Electronic	22,206.00	22,230.00
JP225-SEP18	16-08-18	13:32-15:30			22,161.00	16-08-18 13:59	171.7986883	Other	NA	Electronic	22,161.00	22,185.00
JP225-SEP18	16-08-18	15:32-17:30			22,241.00	16-08-18 15:54	172.2560739	Other	NA	Electronic	22,243.00	22,267.00
JP225-SEP18	20-08-18	09:32-11:30			22,225.00	20-08-18 10:30	172.2948354	Other	NA	Electronic	22,201.00	22,225.00
JP225-SEP18	20-08-18	11:32-13:30			22,205.00	20-08-18 12:51	172.1397894	Other	NA	Electronic	22,183.00	22,207.00
JP225-SEP18	21-08-18	09:32-11:30			22,286.00	21-08-18 10:24	172.6049274	Other	NA	Electronic	22,286.00	22,310.00
JP225-SEP18	21-08-18	11:32-13:30			22,320.00	21-08-18 12:22	173.0313038	Other	NA	Electronic	22,296.00	22,320.00
JP225-SEP18	21-08-18	13:32-15:30			22,291.00	21-08-18 15:19	172.8064871	Other	NA	Electronic	22,291.00	22,315.00
JP225-SEP18	21-08-18	15:32-17:30			22,355.00	21-08-18 17:25	173.3026342	Other	NA	Electronic	22,331.00	22,355.00
JP225-SEP18	23-08-18	13:32-15:30			22,491.00	23-08-18 14:28	173.9228181	Other	NA	Electronic	22,491.00	22,515.00
JP225-SEP18	24-08-18	13:32-15:30			22,610.00	24-08-18 14:30	175.2794704	Other	NA	Electronic	22,586.00	22,610.00
JP225-SEP18	24-08-18	15:32-17:30			22,611.00	24-08-18 17:04	175.2794704	Other	NA	Electronic	22,611.00	22,635.00
JP225-SEP18	27-08-18	11:32-13:30			22,766.00	27-08-18 11:33	176.4888289	Other	NA	Electronic	22,766.00	22,790.00
JP225-SEP18	28-08-18	11:32-13:30			22,845.00	28-08-18 11:50	1771.012605	Other	NA	Electronic	22,821.00	22,845.00
JP225-SEP18	28-08-18	15:32-17:30			22,766.00	28-08-18 15:56	176.4888289	Other	NA	Electronic	22,766.00	22,790.00



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JP225-SEP18	29-08-18	15:32-17:30			23,000.00	29-08-18 16:34	176.4888289	Other	NA	Electronic	22,976.00	23,000.00
JP225-SEP18	30-08-18	09:32-11:30			22,820.00	30-08-18 10:16	353.8149061	Other	NA	Electronic	22,796.00	22,820.00
JP225-SEP18	30-08-18	13:32-15:30			22,806.00	30-08-18 13:36	883.9946044	Other	NA	Electronic	22,806.00	22,830.00
JP225-SEP18	03-09-18	09:32-11:30			22,795.00	03-09-18 11:25	176.7136456	Other	NA	Electronic	22,771.00	22,795.00
JP225-SEP18	04-09-18	11:32-13:30			22,646.00	04-09-18 11:36	176.7136456	Other	NA	Electronic	22,646.00	22,670.00
JP225-SEP18	04-09-18	13:32-15:30			22,621.00	04-09-18 13:40	701.4589826	Other	NA	Electronic	22,621.00	22,645.00
JP225-SEP18	04-09-18	15:32-17:30			22,635.00	04-09-18 16:24	176.1399755	Other	NA	Electronic	22,611.00	22,635.00
JP225-SEP18	05-09-18	09:32-11:30			22,560.00	05-09-18 09:57	174.8918554	Other	NA	Electronic	22,536.00	22,560.00
JP225-SEP18	05-09-18	11:32-13:30			22,590.00	05-09-18 13:17	175.1244244	Other	NA	Electronic	22,566.00	22,590.00
JP225-SEP18	05-09-18	13:32-15:30			22,591.00	05-09-18 13:49	175.0856629	Other	NA	Electronic	22,591.00	22,615.00
JP225-SEP18	05-09-18	15:32-17:30			22,570.00	05-09-18 16:30	174.5507543	Other	NA	Electronic	22,546.00	22,570.00
JP225-SEP18	06-09-18	09:32-11:30			22,506.00	06-09-18 10:55	1743.87956	Other	NA	Electronic	22,506.00	22,530.00
JP225-SEP18	06-09-18	13:32-15:30			22,420.00	06-09-18 15:03	175.3647456	Other	NA	Electronic	22,396.00	22,420.00
JP225-SEP18	06-09-18	15:30-15:32	22,410.00	173.7290107								
JP225-SEP18	07-09-18	09:32-11:30			22,380.00	07-09-18 11:25	173.4964417	Other	NA	Electronic	22,356.00	22,380.00

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JP225-SEP18	07-09-18	11:32-13:30			22,346.00	07-09-18 11:40	173.4964417	Other	NA	Electronic	22,346.00	22,370.00
JP225-SEP18	07-09-18	13:32-15:30			22,390.00	07-09-18 14:38	173.5739647	Other	NA	Electronic	22,366.00	22,390.00
JP225-SEP18	07-09-18	15:32-17:30			22,386.00	07-09-18 16:07	173.5739647	Other	NA	Electronic	22,386.00	22,410.00
JP225-SEP18	10-09-18	09:32-11:30			22,440.00	10-09-18 09:40	173.9615796	Other	NA	Electronic	22,416.00	22,440.00
JP225-SEP18	10-09-18	11:32-13:30			22,456.00	10-09-18 13:21	173.9615796	Other	NA	Electronic	22,456.00	22,480.00
JP225-SEP18	10-09-18	13:32-15:30			22,470.00	10-09-18 13:53	174.1941486	Other	NA	Electronic	22,446.00	22,470.00
JP225-SEP18	11-09-18	09:32-11:30			22,590.00	11-09-18 09:35	175.1244244	Other	NA	Electronic	22,566.00	22,590.00
JP225-SEP18	11-09-18	15:32-17:30			22,660.00	11-09-18 15:49	175.6670853	Other	NA	Electronic	22,636.00	22,660.00
JP225-SEP18	12-09-18	13:32-15:30			22,580.00	12-09-18 14:51	350.2643534	Other	NA	Electronic	22,556.00	22,580.00
JPMorgan	02-07-18	13:32-15:30			104.16	02-07-18 13:40	9219.945475	Other	NA	Electronic	104.16	104.27
JPMorgan	03-07-18	15:32-17:30			104.03	03-07-18 16:44	938.1760619	Other	NA	Electronic	104.03	104.14
JPMorgan	05-07-18	13:32-15:30			104.3	05-07-18 14:06	917.2456248	Other	NA	Electronic	104.18	104.3
JPMorgan	06-07-18	13:32-15:30			104.08	06-07-18 14:47	915.3108786	Other	NA	Electronic	103.97	104.08
JPMorgan	06-07-18	15:32-17:30			104.35	06-07-18 16:05	4568.199807	Other	NA	Electronic	104.35	104.47
JPMorgan	09-07-18	15:32-17:30			106.65	09-07-18 15:34	937.9122329	Other	NA	Electronic	106.65	106.77

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JPMorgan	10-07-18	13:32-15:30			107.52	10-07-18 14:03	945.563275	Other	NA	Electronic	107.4	107.52
JPMorgan	11-07-18	13:32-15:30			106.84	11-07-18 15:11	1879.1663	Other	NA	Electronic	106.73	106.84
JPMorgan	12-07-18	13:32-15:30			106.16	12-07-18 14:50	4668.015126	Other	NA	Electronic	106.16	106.27
JPMorgan	13-07-18	13:32-15:30			105.63	13-07-18 13:43	935.2739425	Other	NA	Electronic	105.63	105.75
JPMorgan	13-07-18	15:30-15:32	107	940.9902383								
JPMorgan	16-07-18	13:32-15:30			107.95	16-07-18 13:56	936.2413156	Other	NA	Electronic	107.95	108.08
JPMorgan	16-07-18	15:32-17:30			109.05	16-07-18 16:18	949.8724826	Other	NA	Electronic	109.05	109.17
JPMorgan	17-07-18	13:32-15:30			109.73	17-07-18 13:40	2905.021546	Other	NA	Electronic	109.73	109.84
JPMorgan	18-07-18	13:32-15:30			110.97	18-07-18 14:40	975.9036145	Other	NA	Electronic	110.86	110.97
JPMorgan	18-07-18	15:32-17:30			111.88	18-07-18 16:13	975.9036145	Other	NA	Electronic	111.88	112
JPMorgan	19-07-18	13:32-15:30			110.41	19-07-18 13:42	956.1164365	Other	NA	Electronic	110.41	110.54
JPMorgan	19-07-18	15:32-17:30			109.99	19-07-18 17:19	967.2851992	Other	NA	Electronic	109.87	109.99
JPMorgan	20-07-18	13:32-15:30			110.53	20-07-18 13:40	967.2851992	Other	NA	Electronic	110.53	110.65
JPMorgan	25-07-18	15:32-17:30			114.17	25-07-18 16:46	941.8696685	Other	NA	Electronic	114.17	114.28
JPMorgan	30-07-18	15:32-17:30			116.49	30-07-18 15:58	1024.448158	Other	NA	Electronic	116.49	116.6

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JPMorgan	31-07-18	15:32-17:30			115.82	31-07-18 15:52	1018.555976	Other	NA	Electronic	115.7	115.82
JPMorgan	08-08-18	15:32-17:30			117.82	08-08-18 16:16	1017.852432	Other	NA	Electronic	117.82	117.94
JPMorgan	09-08-18	13:32-15:30			117.09	09-08-18 14:56	1018.555976	Other	NA	Electronic	117.09	117.2
JPMorgan	15-08-18	15:32-17:30			113.97	15-08-18 17:00	4009.146073	Other	NA	Electronic	113.85	113.97
JPMorgan	16-08-18	13:32-15:30			114.8	16-08-18 13:40	997.7134817	Other	NA	Electronic	114.68	114.8
JPMorgan	17-08-18	15:32-17:30			114.36	17-08-18 17:00	3035.353091	Other	NA	Electronic	114.36	114.48
JPMorgan	20-08-18	13:32-15:30			114.15	20-08-18 15:00	3024.79993	Other	NA	Electronic	114.15	114.27
JPMorgan	21-08-18	13:32-15:30			115.88	21-08-18 14:00	2038.167268	Other	NA	Electronic	115.76	115.88
JPMorgan	27-08-18	13:32-15:30			116.22	27-08-18 14:00	3066.221089	Other	NA	Electronic	116.1	116.22
JPMorgan	29-08-18	13:32-15:30			115.57	29-08-18 14:00	3066.221089	Other	NA	Electronic	115.57	115.69
JPMorgan	30-08-18	13:32-15:30			115.67	30-08-18 13:40	2034.473661	Other	NA	Electronic	115.56	115.67
JPMorgan	04-09-18	13:32-15:30			113.93	04-09-18 14:01	1001.934746	Other	NA	Electronic	113.81	113.93
JPMorgan	04-09-18	15:32-17:30			114.91	04-09-18 17:28	1010.553162	Other	NA	Electronic	114.8	114.91
JPMorgan	06-09-18	15:32-17:30			113.46	06-09-18 17:04	1010.553162	Other	NA	Electronic	113.46	113.57
JPMorgan	11-09-18	15:32-17:30			114.29	11-09-18 16:04	1005.100695	Other	NA	Electronic	114.18	114.29

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JPMorgan	13-09-18	13:32-15:30			112.76	13-09-18 15:03	1005.100695	Other	NA	Electronic	112.76	112.88
JPMorgan	19-09-18	15:32-17:30			117.03	19-09-18 16:16	1029.19708	Other	NA	Electronic	117.03	117.14
JPMorgan	20-09-18	13:32-15:30			118.48	20-09-18 14:56	1035.089262	Other	NA	Electronic	118.48	118.59
JPMorgan	24-09-18	13:32-15:30			117.16	24-09-18 14:30	1019.963064	Other	NA	Electronic	117.16	117.28
JPMorgan	25-09-18	13:32-15:30			116.93	25-09-18 15:08	1027.614106	Other	NA	Electronic	116.93	117.04
JPMorgan	27-09-18	13:32-15:30			114.3	27-09-18 13:47	1005.188638	Other	NA	Electronic	114.29	114.43
JPMorgan	27-09-18	15:32-17:30			115.2	27-09-18 16:13	1013.103509	Other	NA	Electronic	115.2	115.31
JPMorgan	28-09-18	13:32-15:30			113.63	28-09-18 13:51	999.2964559	Other	NA	Electronic	113.63	113.75
Julius Baer	30-08-18	13:32-15:30			51.78	30-08-18 14:10	458.2625319	Other	NA	Electronic	51.64	51.78
Jumbo	02-07-18	09:32-11:30			14.205	02-07-18 10:10	131.35	Other	NA	Electronic	14.205	14.335
Jumbo	11-07-18	13:32-15:30			13.905	11-07-18 13:42	1390.5	Other	NA	Electronic	13.905	14.035
Jumbo	12-07-18	11:32-13:30			13.735	12-07-18 11:49	1390.5	Other	NA	Electronic	13.605	13.735
Jumbo	23-07-18	09:32-11:30			13.575	23-07-18 09:55	1357.5	Other	NA	Electronic	13.445	13.575
Jumbo	24-07-18	09:32-11:30			13.525	24-07-18 10:17	1073.2	Other	NA	Electronic	13.525	13.655
Jumbo	30-07-18	11:32-13:30			13.545	30-07-18 13:25	1357.5	Other	NA	Electronic	13.545	13.735

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Jumbo	14-08-18	09:32-11:30			13.315	14-08-18 10:28	6657.5	Other	NA	Electronic	13.185	13.315
Jumbo	14-08-18	11:32-13:30			13.495	14-08-18 13:03	1349.5	Other	NA	Electronic	13.345	13.495
Jumbo	20-08-18	09:32-11:30			13.075	20-08-18 11:18	130.75	Other	NA	Electronic	12.945	13.075
Jumbo	27-08-18	09:32-11:30			12.775	27-08-18 09:39	255.5	Other	NA	Electronic	12.645	12.775
Jumbo	27-08-18	11:32-13:30			12.915	27-08-18 11:32	129.15	Other	NA	Electronic	12.785	12.915
Jumbo	27-08-18	13:32-15:30			12.995	27-08-18 13:47	129.95	Other	NA	Electronic	12.865	12.995
Jumbo	28-08-18	11:32-13:30			12.845	28-08-18 12:39	1271.5	Other	NA	Electronic	12.845	12.975
Jumbo	29-08-18	09:32-11:30			12.835	29-08-18 09:41	2567	Other	NA	Electronic	12.705	12.835
Jumbo	29-08-18	11:32-13:30			12.835	29-08-18 12:48	128.35	Other	NA	Electronic	12.685	12.835
Jumbo	29-08-18	13:32-15:30			13.105	29-08-18 13:49	2567	Other	NA	Electronic	13.105	13.235
Jumbo	03-09-18	09:32-11:30			13.015	03-09-18 10:15	3253.75	Other	NA	Electronic	12.845	13.015
Jumbo	03-09-18	11:32-13:30			13.015	03-09-18 13:27	1301.5	Other	NA	Electronic	12.885	13.015
Jumbo	04-09-18	09:30-09:32	12.935	1293.5								
Jumbo	04-09-18	11:32-13:30			12.945	04-09-18 12:30	1289.5	Other	NA	Electronic	12.945	13.075
Jumbo	05-09-18	09:32-11:30			12.955	05-09-18 09:42	1295.5	Other	NA	Electronic	12.825	12.955

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Jumbo	05-09-18	11:32-13:30			12.915	05-09-18 13:22	645.75	Other	NA	Electronic	12.765	12.915
Jumbo	05-09-18	13:32-15:30			12.855	05-09-18 13:42	642.75	Other	NA	Electronic	12.725	12.855
Jumbo	06-09-18	09:32-11:30			12.895	06-09-18 09:51	128.95	Other	NA	Electronic	12.765	12.895
Jumbo	06-09-18	11:32-13:30			12.825	06-09-18 12:04	3253.75	Other	NA	Electronic	12.825	12.955
Jumbo	06-09-18	13:32-15:30			12.825	06-09-18 13:36	13015	Other	NA	Electronic	12.825	12.955
Jumbo	07-09-18	11:32-13:30			12.865	07-09-18 13:06	642.75	Other	NA	Electronic	12.865	13.035
Jumbo	07-09-18	13:32-15:30			12.875	07-09-18 13:53	643.75	Other	NA	Electronic	12.725	12.875
Jumbo	10-09-18	09:32-11:30			13.045	10-09-18 10:23	2599	Other	NA	Electronic	13.045	13.195
Jumbo	10-09-18	11:32-13:30			13.005	10-09-18 13:26	643.75	Other	NA	Electronic	13.005	13.135
Jumbo	10-09-18	13:32-15:30			13.145	10-09-18 13:41	1039.6	Other	NA	Electronic	13.145	13.275
Jumbo	11-09-18	09:32-11:30			12.855	11-09-18 09:43	1285.5	Other	NA	Electronic	12.725	12.855
Jumbo	11-09-18	11:32-13:30			12.715	11-09-18 13:13	1271.5	Other	NA	Electronic	12.565	12.715
Jumbo	12-09-18	09:30-09:32	12.93833	6725								
Jumbo	12-09-18	11:32-13:30			12.945	12-09-18 13:21	3233.75	Other	NA	Electronic	12.945	13.075
Jumbo	13-09-18	09:32-11:30			12.815	13-09-18 09:41	3844.5	Other	NA	Electronic	12.665	12.815

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Jumbo	13-09-18	11:32-13:30			12.785	13-09-18 11:59	892.85	Other	NA	Electronic	12.785	12.935
Jumbo	13-09-18	13:32-15:30			12.845	13-09-18 13:45	648.75	Other	NA	Electronic	12.845	12.995
Jumbo	14-09-18	11:32-13:30			12.835	14-09-18 12:16	2567	Other	NA	Electronic	12.665	12.835
Jumbo	19-09-18	11:32-13:30			12.785	19-09-18 11:55	635.75	Other	NA	Electronic	12.785	12.915
Jumbo	19-09-18	13:32-15:30			12.635	19-09-18 13:36	631.75	Other	NA	Electronic	12.505	12.635
Jumbo	20-09-18	09:32-11:30			12.315	20-09-18 10:09	1231.5	Other	NA	Electronic	12.185	12.315
Jumbo	21-09-18	09:32-11:30			12.275	21-09-18 11:02	2455	Other	NA	Electronic	12.125	12.275
Jumbo	21-09-18	11:32-13:30			12.255	21-09-18 11:34	7353	Other	NA	Electronic	12.125	12.255
Jumbo	24-09-18	11:32-13:30			12.135	24-09-18 11:59	121.35	Other	NA	Electronic	12.005	12.135
Jumbo	25-09-18	09:32-11:30			12.345	25-09-18 09:39	2467	Other	NA	Electronic	12.345	12.475
Jumbo	25-09-18	13:30-13:32	12.355	10007.55								
Jumbo	26-09-18	11:32-13:30			12.385	26-09-18 11:47	3706.5	Other	NA	Electronic	12.385	12.515
Jumbo	26-09-18	13:32-15:30			12.815	26-09-18 13:54	128.15	Other	NA	Electronic	12.685	12.815
Jumbo	27-09-18	09:30-09:32	12.785	610.75								
Jumbo	27-09-18	11:32-13:30			12.775	27-09-18 13:23	127.75	Other	NA	Electronic	12.625	12.775



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Jumbo	27-09-18	13:32-15:30			12.755	27-09-18 13:32	127.55	Other	NA	Electronic	12.625	12.755
Jumbo	28-09-18	11:32-13:30			12.605	28-09-18 13:22	3088.75	Other	NA	Electronic	12.605	12.735
Juniper	30-07-18	15:32-17:30			26.35	30-07-18 17:18	463.4596781	Other	NA	Electronic	26.35	26.41
Juniper	10-08-18	13:32-15:30			27.07	10-08-18 14:17	463.4596781	Other	NA	Electronic	27.01	27.07
Juniper	28-08-18	15:32-17:30			28.73	28-08-18 16:23	252.6602761	Other	NA	Electronic	28.73	28.79
Juniper	31-08-18	15:32-17:30			28.38	31-08-18 16:39	249.5822707	Other	NA	Electronic	28.32	28.38
Juniper	04-09-18	13:32-15:30			28.23	04-09-18 13:56	252.6602761	Other	NA	Electronic	28.17	28.23
Juniper	05-09-18	13:32-15:30			27.97	05-09-18 14:35	249.5822707	Other	NA	Electronic	27.97	28.03
Kering	04-09-18	11:32-13:30			452.29	04-09-18 12:18	18091.6	Other	NA	Electronic	451.41	452.29
Kering	05-09-18	09:32-11:30			447.79	05-09-18 11:14	4477.9	Other	NA	Electronic	446.91	447.79
Kering	06-09-18	13:32-15:30			429.81	06-09-18 15:15	4477.9	Other	NA	Electronic	429.81	430.79
Kering	13-09-18	11:32-13:30			450.99	13-09-18 12:56	4509.9	Other	NA	Electronic	450.01	450.99
KeyCorp	08-08-18	15:32-17:30			21.7	08-08-18 15:48	381.6726761	Other	NA	Electronic	21.64	21.7
KeyCorp	10-08-18	13:32-15:30			21.3	10-08-18 13:40	381.6726761	Other	NA	Electronic	21.3	21.36
Kimberly-Clark	03-07-18	13:32-15:30			105.16	03-07-18 13:41	921.9945475	Other	NA	Electronic	105.16	105.35

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Kimberly-Clark	25-09-18	15:32-17:30			113.45	25-09-18 16:16	997.7134817	Other	NA	Electronic	113.33	113.45
Kimco	05-07-18	13:32-15:30			16.48	05-07-18 14:13	144.9300853	Other	NA	Electronic	16.48	16.54
Kimco	06-07-18	13:32-15:30			16.91	06-07-18 14:25	148.7116349	Other	NA	Electronic	16.85	16.91
Kimco	10-07-18	13:32-15:30			16.64	10-07-18 15:03	292.674347	Other	NA	Electronic	16.64	16.7
Kimco	12-07-18	13:32-15:30			16.47	12-07-18 15:15	145.2818574	Other	NA	Electronic	16.41	16.47
Kimco	21-08-18	13:32-15:30			17.07	21-08-18 15:28	292.674347	Other	NA	Electronic	17.01	17.07
Kimco	13-09-18	13:32-15:30			17.11	13-09-18 13:57	150.4704951	Other	NA	Electronic	17.05	17.11
Kinder Morgan	03-07-18	13:32-15:30			17.66	03-07-18 13:41	765.9836426	Other	NA	Electronic	17.66	17.72
Kinder Morgan	18-07-18	15:32-17:30			17.9	18-07-18 16:55	314.8359863	Other	NA	Electronic	17.84	17.9
Kinder Morgan	19-07-18	13:32-15:30			18.05	19-07-18 13:44	314.8359863	Other	NA	Electronic	18.05	18.11
Kinder Morgan	24-07-18	13:32-15:30			17.75	24-07-18 14:56	156.0988479	Other	NA	Electronic	17.75	17.81
Kinder Morgan	08-08-18	15:32-17:30			18.03	08-08-18 15:54	317.1225046	Other	NA	Electronic	17.97	18.03
KLA-Tencor	24-09-18	13:32-15:30			103.67	24-09-18 13:55	9117.05215	Other	NA	Electronic	103.38	103.67
KLA-Tencor	27-09-18	15:32-17:30			101.23	27-09-18 16:32	9117.05215	Other	NA	Electronic	101.23	101.48
KPN	06-07-18	13:32-15:30			2.46	06-07-18 13:40	2429	Other	NA	Electronic	2.46	2.467

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KPN	26-07-18	09:32-11:30			2.548	26-07-18 10:14	498.8	Other	NA	Electronic	2.548	2.555
KPN	01-08-18	11:32-13:30			2.453	01-08-18 12:52	88.41	Other	NA	Electronic	2.453	2.459
KPN	06-08-18	13:32-15:30			2.461	06-08-18 14:55	246.1	Other	NA	Electronic	2.455	2.461
KPN	10-08-18	09:32-11:30			2.405	10-08-18 09:37	25.48	Other	NA	Electronic	2.405	2.412
KPN	13-08-18	11:32-13:30			2.364	13-08-18 13:11	23.64	Other	NA	Electronic	2.358	2.364
KPN	30-08-18	11:32-13:30			2.152	30-08-18 11:33	47.32	Other	NA	Electronic	2.152	2.158
KPN	04-09-18	11:32-13:30			2.171	04-09-18 12:44	21.94	Other	NA	Electronic	2.171	2.177
KPN	06-09-18	11:32-13:30			2.192	06-09-18 12:23	21.92	Other	NA	Electronic	2.186	2.192
KPN	07-09-18	13:32-15:30			2.211	07-09-18 13:54	22.11	Other	NA	Electronic	2.211	2.217
KPN	11-09-18	09:32-11:30			2.218	11-09-18 10:19	22.18	Other	NA	Electronic	2.218	2.224
KPN	11-09-18	13:32-15:30			2.221	11-09-18 15:00	22.21	Other	NA	Electronic	2.221	2.227
KPN	12-09-18	13:32-15:30			2.226	12-09-18 14:50	22.11	Other	NA	Electronic	2.226	2.232
KPN	14-09-18	11:32-13:30			2.271	14-09-18 11:43	22.18	Other	NA	Electronic	2.265	2.271
KPN	17-09-18	13:32-15:30			2.266	17-09-18 15:07	45.32	Other	NA	Electronic	2.266	2.273
KPN	18-09-18	09:32-11:30			2.273	18-09-18 10:36	45.32	Other	NA	Electronic	2.267	2.273

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KPN	19-09-18	09:32-11:30			2.274	19-09-18 09:48	45.48	Other	NA	Electronic	2.274	2.281
KPN	21-09-18	09:32-11:30			2.323	21-09-18 10:50	22.88	Other	NA	Electronic	2.323	2.329
KPN	21-09-18	11:32-13:30			2.328	21-09-18 13:03	23.23	Other	NA	Electronic	2.322	2.328
KPN	27-09-18	13:32-15:30			2.349	27-09-18 14:17	46.98	Other	NA	Electronic	2.343	2.349
Kraft Heinz	06-07-18	15:32-17:30			64.28	06-07-18 15:38	565.2976871	Other	NA	Electronic	64.21	64.28
Kraft Heinz	18-07-18	15:32-17:30			62.31	18-07-18 16:07	565.2976871	Other	NA	Electronic	62.31	62.37
Kraft Heinz	27-09-18	13:32-15:30			54.58	27-09-18 13:40	479.9929646	Other	NA	Electronic	54.49	54.58
Kraft Heinz	28-09-18	13:32-15:30			54.59	28-09-18 13:40	479.9929646	Other	NA	Electronic	54.59	54.66
Kroger	13-09-18	13:32-15:30			28.43	13-09-18 14:11	500.0439715	Other	NA	Electronic	28.36	28.43
Kroger	14-09-18	15:30-15:32	28.58	251.3411309								
Kroger	18-09-18	13:32-15:30			29.09	18-09-18 14:09	766.9510157	Other	NA	Electronic	29.09	29.15
Kroger	24-09-18	13:32-15:30			30.25	24-09-18 14:21	254.7709085	Other	NA	Electronic	30.25	30.31
Krones	26-09-18	11:32-13:30			94.94	26-09-18 13:00	19844	Other	NA	Electronic	94.94	95.72
Kuka	19-09-18	13:32-15:30			82.39	19-09-18 14:25	823.9	Other	NA	Electronic	81.62	82.39
Lam Research	09-07-18	13:32-15:30			173.73	09-07-18 14:58	1527.833964	Other	NA	Electronic	173.34	173.73

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Lam Research	27-07-18	13:32-15:30			190.53	27-07-18 13:51	1661.595286	Other	NA	Electronic	190.53	190.89
Land Securities	06-07-18	13:32-15:30			9.45	06-07-18 14:17	104.8799707	Other	NA	Electronic	9.45	9.48
Land Securities	14-09-18	13:32-15:30			8.85	14-09-18 14:01	104.8799707	Other	NA	Electronic	8.82	8.85
L Brands	12-07-18	13:32-15:30			32.88	12-07-18 14:43	289.1566265	Other	NA	Electronic	32.88	32.94
L Brands	08-08-18	13:32-15:30			31.62	08-08-18 14:14	278.0758069	Other	NA	Electronic	31.62	31.69
L Brands	08-08-18	15:32-17:30			31.42	08-08-18 16:06	276.3169466	Other	NA	Electronic	31.42	31.48
L Brands	09-08-18	13:32-15:30			32.77	09-08-18 13:40	276.6687187	Other	NA	Electronic	32.68	32.77
L Brands	21-08-18	13:32-15:30			32.54	21-08-18 14:05	286.1665641	Other	NA	Electronic	32.44	32.54
L Brands	23-08-18	13:32-15:30			29.54	23-08-18 13:40	259.7836602	Other	NA	Electronic	29.41	29.54
L Brands	29-08-18	13:32-15:30			26.34	29-08-18 13:50	1853.135168	Other	NA	Electronic	26.28	26.34
L Brands	30-08-18	13:32-15:30			26.79	30-08-18 14:08	1853.135168	Other	NA	Electronic	26.79	26.86
L Brands	30-08-18	15:32-17:30			26.61	30-08-18 16:09	936.0654296	Other	NA	Electronic	26.55	26.61
L Brands	31-08-18	15:32-17:30			26.3	31-08-18 16:42	231.290124	Other	NA	Electronic	26.24	26.3
L Brands	06-09-18	13:32-15:30			26.66	06-09-18 14:09	936.0654296	Other	NA	Electronic	26.66	26.73
Legal&Gen	09-07-18	11:32-13:30			2.653	09-07-18 13:07	883.3224199	Other	NA	Electronic	2.647	2.653

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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Legal&Gen	31-08-18	09:32-11:30			2.563	31-08-18 09:38	284.452238	Other	NA	Electronic	2.557	2.563
Legal&Gen	03-09-18	13:32-15:30			2.571	03-09-18 14:52	284.452238	Other	NA	Electronic	2.571	2.576
LendingClub	27-09-18	13:32-15:30			3.73	27-09-18 14:42	32.80274382	Other	NA	Electronic	3.67	3.73
Lennar	20-09-18	13:32-15:30			51.76	20-09-18 13:40	455.1930349	Other	NA	Electronic	51.61	51.76
Leonardo	02-07-18	09:32-11:30			8.362	02-07-18 09:44	585.34	Other	NA	Electronic	8.335	8.362
Leonardo	03-07-18	11:32-13:30			8.591	03-07-18 12:47	83.98	Other	NA	Electronic	8.591	8.616
Leonardo	13-07-18	13:32-15:30			8.993	13-07-18 15:03	90.2	Other	NA	Electronic	8.993	9.016
Leonardo	16-07-18	13:30-13:32	9.145	89.66								
Leonardo	17-07-18	11:32-13:30			9.322	17-07-18 12:14	91.25	Other	NA	Electronic	9.297	9.322
Leonardo	23-07-18	09:32-11:30			9.276	23-07-18 09:58	278.28	Other	NA	Electronic	9.255	9.276
Leonardo	27-07-18	11:32-13:30			9.243	27-07-18 11:32	94.64	Other	NA	Electronic	9.243	9.27
Leonardo	30-07-18	09:32-11:30			9.353	30-07-18 09:54	278.28	Other	NA	Electronic	9.353	9.378
Leonardo	06-08-18	13:32-15:30			10.655	06-08-18 14:49	532.75	Other	NA	Electronic	10.626	10.655
Leonardo	17-08-18	11:32-13:30			9.603	17-08-18 12:55	96.03	Other	NA	Electronic	9.603	9.63
Leonardo	17-08-18	13:32-15:30			9.639	17-08-18 13:39	96.39	Other	NA	Electronic	9.639	9.664

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Leonardo	20-08-18	13:32-15:30			9.816	20-08-18 13:52	96.39	Other	NA	Electronic	9.793	9.816
Leonardo	04-09-18	09:32-11:30			9.74	04-09-18 10:28	97.4	Other	NA	Electronic	9.713	9.74
Leonardo	07-09-18	09:32-11:30			9.739	07-09-18 09:50	4869	Other	NA	Electronic	9.739	9.768
Leonardo	14-09-18	13:32-15:30			10.161	14-09-18 13:57	103.5	Other	NA	Electronic	10.161	10.185
Leonardo	17-09-18	09:32-11:30			10.21	17-09-18 10:45	102.1	Other	NA	Electronic	10.181	10.21
Leonardo	17-09-18	11:32-13:30			10.23	17-09-18 12:02	101.56	Other	NA	Electronic	10.201	10.23
Leonardo	24-09-18	11:32-13:30			10.481	24-09-18 11:48	104.81	Other	NA	Electronic	10.481	10.505
Leonardo	26-09-18	13:32-15:30			10.75	26-09-18 13:54	322.5	Other	NA	Electronic	10.721	10.75
Leonardo	28-09-18	09:32-11:30			10.295	28-09-18 09:36	102.95	Other	NA	Electronic	10.266	10.295
Leonardo	28-09-18	11:32-13:30			10.196	28-09-18 12:26	102.95	Other	NA	Electronic	10.196	10.225
Liberty	03-07-18	13:32-15:30			27.98	03-07-18 13:55	485.6213174	Other	NA	Electronic	27.98	28.06
Liberty	20-07-18	15:32-17:30			28.11	20-07-18 17:09	247.2078093	Other	NA	Electronic	28.11	28.19
Liberty	25-07-18	13:32-15:30			27.9	25-07-18 14:34	245.3610061	Other	NA	Electronic	27.83	27.9
Liberty	30-07-18	13:32-15:30			27.59	30-07-18 14:14	247.2078093	Other	NA	Electronic	27.51	27.59
Liberty	01-08-18	13:32-15:30			28.12	01-08-18 13:40	245.3610061	Other	NA	Electronic	28.12	28.22

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Liberty	08-08-18	13:32-15:30			28.28	08-08-18 14:01	248.7028406	Other	NA	Electronic	28.18	28.28
Liberty	09-08-18	15:32-17:30			27.03	09-08-18 17:13	248.7028406	Other	NA	Electronic	27.03	27.11
Liberty	10-08-18	13:32-15:30			27.32	10-08-18 14:52	480.5206226	Other	NA	Electronic	27.25	27.32
Liberty	10-08-18	15:32-17:30			27.23	10-08-18 16:52	480.5206226	Other	NA	Electronic	27.23	27.29
Liberty	14-08-18	15:32-17:30			27.51	14-08-18 17:06	241.9312286	Other	NA	Electronic	27.45	27.51
Liberty	17-08-18	15:32-17:30			26.48	17-08-18 15:55	232.8730982	Other	NA	Electronic	26.42	26.48
Liberty	20-08-18	15:32-17:30			26.89	20-08-18 16:50	232.8730982	Other	NA	Electronic	26.89	26.96
Liberty	23-08-18	13:32-15:30			26.48	23-08-18 14:42	232.8730982	Other	NA	Electronic	26.42	26.48
Liberty	04-09-18	13:32-15:30			26.25	04-09-18 13:43	508.4865007	Other	NA	Electronic	26.25	26.34
Liberty	24-09-18	13:32-15:30			28.82	24-09-18 13:53	253.4517633	Other	NA	Electronic	28.75	28.82
Linde	06-08-18	09:32-11:30			173.38	06-08-18 10:02	3429.6	Other	NA	Electronic	173.38	174.48
Linde	19-09-18	09:32-11:30			177.93	19-09-18 09:35	85406.4	Other	NA	Electronic	176.53	177.93
Linde	25-09-18	13:32-15:30			179.08	25-09-18 14:26	85406.4	Other	NA	Electronic	179.08	179.83
Lloyds	03-07-18	09:32-11:30			0.6241	03-07-18 10:43	1385.303486	Other	NA	Electronic	0.6228	0.6241
Lloyds	09-07-18	11:32-13:30			0.6304	09-07-18 13:18	349.8218705	Other	NA	Electronic	0.6304	0.6316



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Lloyds	09-07-18	13:32-15:30			0.6329	09-07-18 13:38	349.8218705	Other	NA	Electronic	0.6317	0.6329
Lloyds	31-07-18	11:32-13:30			0.6255	31-07-18 12:02	203.8999811	Other	NA	Electronic	0.6242	0.6255
Lloyds	01-08-18	11:32-13:30			0.6345	01-08-18 13:27	1385.303486	Other	NA	Electronic	0.6345	0.6357
Lloyds	03-08-18	11:32-13:30			0.6272	03-08-18 11:45	696.09225	Other	NA	Electronic	0.6259	0.6272
Lloyds	06-08-18	11:32-13:30			0.6232	06-08-18 12:09	691.6528861	Other	NA	Electronic	0.622	0.6232
Lloyds	06-08-18	13:32-15:30			0.6246	06-08-18 14:20	69.32066635	Other	NA	Electronic	0.6233	0.6246
Lloyds	07-08-18	13:32-15:30			0.6244	07-08-18 13:51	691.6528861	Other	NA	Electronic	0.6244	0.6257
Lloyds	08-08-18	13:32-15:30			0.623	08-08-18 13:52	69.14309179	Other	NA	Electronic	0.6217	0.623
Lloyds	10-08-18	13:32-15:30			0.617	10-08-18 13:34	1027.157808	Other	NA	Electronic	0.6157	0.617
Lloyds	14-08-18	11:32-13:30			0.6098	14-08-18 12:06	1015.171526	Other	NA	Electronic	0.6085	0.6098
Lloyds	14-08-18	13:32-15:30			0.61	14-08-18 14:25	1015.171526	Other	NA	Electronic	0.61	0.6112
Lloyds	15-08-18	09:32-11:30			0.6031	15-08-18 10:26	696.09225	Other	NA	Electronic	0.6031	0.6044
Lloyds	15-08-18	11:32-13:30			0.6032	15-08-18 11:32	66.94560669	Other	NA	Electronic	0.6019	0.6032
Lloyds	21-08-18	13:32-15:30			0.6073	21-08-18 14:36	67.20087012	Other	NA	Electronic	0.6073	0.6086
Lloyds	24-08-18	13:32-15:30			0.6085	24-08-18 14:20	69.32066635	Other	NA	Electronic	0.6085	0.6097

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Lloyds	03-09-18	11:32-13:30			0.5944	03-09-18 12:47	65.96894665	Other	NA	Electronic	0.5932	0.5944
Lloyds	03-09-18	13:32-15:30			0.5973	03-09-18 14:31	65.90235619	Other	NA	Electronic	0.5959	0.5973
Lloyds	07-09-18	11:32-13:30			0.5881	07-09-18 13:08	65.26974685	Other	NA	Electronic	0.5881	0.5894
Lloyds	18-09-18	11:32-13:30			0.5902	18-09-18 11:52	65.50281345	Other	NA	Electronic	0.5902	0.5915
Lloyds	18-09-18	13:32-15:30			0.5953	18-09-18 13:50	65.50281345	Other	NA	Electronic	0.594	0.5953
Lloyds	24-09-18	13:32-15:30			0.6176	24-09-18 14:35	68.55487609	Other	NA	Electronic	0.6163	0.6176
Lockheed Martin	25-07-18	13:32-15:30			318.13	25-07-18 14:26	2844.868525	Other	NA	Electronic	318.13	318.74
Logitech	21-09-18	09:32-11:30			43.99	21-09-18 11:14	389.3195978	Other	NA	Electronic	43.83	43.99
Logitech	21-09-18	11:32-13:30			44.07	21-09-18 12:15	388.8770886	Other	NA	Electronic	44.07	44.23
Loreal	03-08-18	09:32-11:30			211.68	03-08-18 10:35	2116.8	Other	NA	Electronic	211.22	211.68
Loreal	13-08-18	13:32-15:30			206.78	13-08-18 14:05	2067.8	Other	NA	Electronic	206.32	206.78
Loreal	23-08-18	13:32-15:30			207.02	23-08-18 14:16	2067.8	Other	NA	Electronic	207.02	207.48
Loreal	17-09-18	09:32-11:30			201.02	17-09-18 10:15	20102	Other	NA	Electronic	201.02	201.48
Loreal	19-09-18	09:32-11:30			200.98	19-09-18 09:55	20102	Other	NA	Electronic	200.52	200.98
Lowes	22-08-18	15:32-17:30			107.64	22-08-18 15:45	946.6185912	Other	NA	Electronic	107.64	107.72

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Lowes	29-08-18	13:32-15:30			108.15	29-08-18 14:58	946.6185912	Other	NA	Electronic	108.07	108.15
LTCUSD	18-09-18	09:32-11:30			51.79	18-09-18 10:17	182.1827456	Other	NA	Electronic	51.06	51.79
LTCUSD	18-09-18	11:32-13:30			53.03	18-09-18 12:02	4.663617976	Other	NA	Electronic	52.28	53.03
LTCUSD	18-09-18	15:32-17:30			53.93	18-09-18 17:02	9.490809955	Other	NA	Electronic	53.93	54.61
LTCUSD	20-09-18	09:32-11:30			54.61	20-09-18 10:42	4.802567936	Other	NA	Electronic	53.89	54.61
LTCUSD	20-09-18	15:32-17:30			53.7	20-09-18 15:45	4.802567936	Other	NA	Electronic	53.7	54.48
LTCUSD	21-09-18	13:32-15:30			58.83	21-09-18 14:46	51.73687451	Other	NA	Electronic	58.11	58.83
LTCUSD	21-09-18	15:32-17:30			56.96	21-09-18 15:35	23.93808812	Other	NA	Electronic	56.96	57.76
LTCUSD	24-09-18	09:32-11:30			57.95	24-09-18 09:45	50.96297599	Other	NA	Electronic	57.22	57.95
LTCUSD	24-09-18	15:32-17:30			58.35	24-09-18 17:22	7.290915487	Other	NA	Electronic	58.35	59.05
LTCUSD	25-09-18	11:32-13:30			55.4	25-09-18 12:19	63.33655791	Other	NA	Electronic	54.66	55.4
LTCUSD	25-09-18	13:32-15:30			54.75	25-09-18 14:00	63.33655791	Other	NA	Electronic	54.75	55.48
LTCUSD	26-09-18	13:32-15:30			56.47	26-09-18 13:56	9.538299182	Other	NA	Electronic	56.47	57.13
LTCUSD	26-09-18	15:32-17:30			57.85	26-09-18 15:57	50.58482104	Other	NA	Electronic	57.85	58.61
LTCUSD	27-09-18	11:32-13:30			58.09	27-09-18 11:44	51.08609621	Other	NA	Electronic	57.37	58.09

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
LTCUSD	27-09-18	15:32-17:30			63.12	27-09-18 16:26	55.50962976	Other	NA	Electronic	62.39	63.12
LTCUSD	28-09-18	09:30-09:32	61.64	2764.611732								
Lufthansa	02-07-18	09:32-11:30			20.477	02-07-18 10:24	204.77	Other	NA	Electronic	20.414	20.477
Lufthansa	02-07-18	13:32-15:30			20.344	02-07-18 13:59	252.87	Other	NA	Electronic	20.344	20.407
Lufthansa	04-07-18	09:32-11:30			20.207	04-07-18 10:53	202.07	Other	NA	Electronic	20.144	20.207
Lufthansa	05-07-18	11:32-13:30			20.397	05-07-18 12:21	209.44	Other	NA	Electronic	20.324	20.397
Lufthansa	10-07-18	09:32-11:30			20.584	10-07-18 10:42	205.84	Other	NA	Electronic	20.584	20.647
Lufthansa	13-07-18	09:32-11:30			20.557	13-07-18 11:04	414.68	Other	NA	Electronic	20.494	20.557
Lufthansa	16-07-18	09:32-11:30			20.264	16-07-18 09:57	613.41	Other	NA	Electronic	20.264	20.337
Lufthansa	19-07-18	09:32-11:30			21.134	19-07-18 10:34	2542.7	Other	NA	Electronic	21.134	21.207
Lufthansa	23-07-18	09:32-11:30			20.867	23-07-18 10:35	208.67	Other	NA	Electronic	20.794	20.867
Lufthansa	23-07-18	13:32-15:30			20.784	23-07-18 14:59	1037.35	Other	NA	Electronic	20.784	20.847
Lufthansa	25-07-18	09:32-11:30			20.997	25-07-18 11:21	210.34	Other	NA	Electronic	20.924	20.997
Lufthansa	25-07-18	13:32-15:30			20.884	25-07-18 13:37	208.67	Other	NA	Electronic	20.884	20.957
Lufthansa	26-07-18	09:32-11:30			21.737	26-07-18 09:52	217.37	Other	NA	Electronic	21.664	21.737

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Lufthansa	26-07-18	13:32-15:30			21.657	26-07-18 13:50	433.14	Other	NA	Electronic	21.584	21.657
Lufthansa	27-07-18	11:32-13:30			21.924	27-07-18 12:36	5421	Other	NA	Electronic	21.924	21.997
Lufthansa	27-07-18	13:32-15:30			21.987	27-07-18 14:59	231.14	Other	NA	Electronic	21.924	21.987
Lufthansa	30-07-18	13:32-15:30			22.244	30-07-18 14:50	433.14	Other	NA	Electronic	22.244	22.317
Lufthansa	31-07-18	09:32-11:30			24.067	31-07-18 10:31	236.14	Other	NA	Electronic	23.994	24.067
Lufthansa	31-07-18	13:32-15:30			24.197	31-07-18 15:07	239.74	Other	NA	Electronic	24.134	24.197
Lufthansa	01-08-18	11:32-13:30			23.574	01-08-18 12:52	309.4	Other	NA	Electronic	23.574	23.637
Lufthansa	03-08-18	11:32-13:30			23.247	03-08-18 13:25	232.47	Other	NA	Electronic	23.174	23.247
Lufthansa	07-08-18	13:32-15:30			23.177	07-08-18 13:52	231.77	Other	NA	Electronic	23.114	23.177
Lufthansa	09-08-18	11:32-13:30			23.117	09-08-18 12:23	231.17	Other	NA	Electronic	23.044	23.117
Lufthansa	14-08-18	09:32-11:30			23.197	14-08-18 11:20	231.97	Other	NA	Electronic	23.124	23.197
Lufthansa	20-08-18	11:32-13:30			23.347	20-08-18 13:02	466.94	Other	NA	Electronic	23.274	23.347
Lufthansa	21-08-18	13:32-15:30			23.494	21-08-18 14:21	231.17	Other	NA	Electronic	23.494	23.557
Lufthansa	22-08-18	13:32-15:30			23.397	22-08-18 14:30	467.94	Other	NA	Electronic	23.334	23.397
Lufthansa	23-08-18	09:32-11:30			23.427	23-08-18 11:07	234.27	Other	NA	Electronic	23.354	23.427

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Lufthansa	23-08-18	11:32-13:30			23.427	23-08-18 12:55	234.27	Other	NA	Electronic	23.354	23.427
Lufthansa	27-08-18	11:32-13:30			23.884	27-08-18 13:26	234.27	Other	NA	Electronic	23.884	23.947
Lufthansa	27-08-18	13:32-15:30			24.007	27-08-18 14:27	247.84	Other	NA	Electronic	23.924	24.007
Lufthansa	28-08-18	11:32-13:30			23.844	28-08-18 13:18	467.94	Other	NA	Electronic	23.844	23.917
Lufthansa	03-09-18	09:32-11:30			22.514	03-09-18 10:03	897.88	Other	NA	Electronic	22.514	22.577
Lufthansa	04-09-18	09:32-11:30			22.527	04-09-18 10:05	226.84	Other	NA	Electronic	22.454	22.527
Lufthansa	04-09-18	13:32-15:30			22.124	04-09-18 13:50	221.24	Other	NA	Electronic	22.124	22.187
Lufthansa	28-09-18	11:32-13:30			21.117	28-09-18 11:59	211.17	Other	NA	Electronic	21.054	21.117
LUKOIL	30-07-18	09:32-11:30			70.5	30-07-18 11:19	6199.982411	Other	NA	Electronic	70.5	70.7
LUKOIL	30-07-18	11:32-13:30			70.54	30-07-18 11:37	3101.750066	Other	NA	Electronic	70.54	70.7
LUKOIL	01-08-18	09:32-11:30			71.46	01-08-18 10:05	9429.249846	Other	NA	Electronic	71.32	71.46
LUKOIL	13-08-18	11:32-13:30			66.56	13-08-18 12:14	585.348694	Other	NA	Electronic	66.56	66.74
LUKOIL	13-08-18	13:32-15:30			67.32	13-08-18 13:40	585.348694	Other	NA	Electronic	66.96	67.32
Luxottica	12-07-18	09:32-11:30			56.81	12-07-18 11:28	1124.6	Other	NA	Electronic	56.67	56.81
Luxottica	17-07-18	09:32-11:30			55.91	17-07-18 10:15	562.1	Other	NA	Electronic	55.91	56.05

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Luxottica	28-08-18	11:32-13:30			57.39	28-08-18 11:47	2866.5	Other	NA	Electronic	57.25	57.39
Luxottica	04-09-18	09:32-11:30			56.73	04-09-18 10:44	573.1	Other	NA	Electronic	56.73	56.87
Luxottica	26-09-18	13:32-15:30			57.71	26-09-18 13:34	553.9	Other	NA	Electronic	57.71	57.87
Luxottica	27-09-18	09:32-11:30			58.67	27-09-18 09:56	586.7	Other	NA	Electronic	58.53	58.67
LVMH	24-07-18	13:32-15:30			300.35	24-07-18 15:18	9010.5	Other	NA	Electronic	299.8	300.35
LVMH	08-08-18	13:32-15:30			300.4	08-08-18 15:21	3004	Other	NA	Electronic	299.8	300.4
L.V.Sands	24-07-18	13:32-15:30			75.16	24-07-18 14:30	660.9796852	Other	NA	Electronic	75.16	75.27
L.V.Sands	24-07-18	15:32-17:30			74.47	24-07-18 17:01	660.9796852	Other	NA	Electronic	74.37	74.47
L.V.Sands	26-07-18	13:32-15:30			71.31	26-07-18 14:55	663.7938616	Other	NA	Electronic	71.19	71.31
M6Metropole	20-09-18	11:32-13:30			18.01	20-09-18 12:20	180.1	Other	NA	Electronic	17.921	18.01
Macys	16-07-18	15:32-17:30			36.9	16-07-18 15:36	324.5097177	Other	NA	Electronic	36.83	36.9
Macys	20-07-18	15:32-17:30			39.02	20-07-18 17:01	343.1536364	Other	NA	Electronic	38.96	39.02
Macys	30-07-18	13:32-15:30			40	30-07-18 14:13	343.1536364	Other	NA	Electronic	40	40.07
Macys	08-08-18	15:32-17:30			39.76	08-08-18 15:43	699.3228388	Other	NA	Electronic	39.7	39.76
Macys	15-08-18	13:32-15:30			38.08	15-08-18 13:40	699.3228388	Other	NA	Electronic	38.08	38.16

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Macys	05-09-18	15:32-17:30			35.82	05-09-18 15:35	945.0356169	Other	NA	Electronic	35.75	35.82
ManGroup	19-07-18	13:32-15:30			1.772	19-07-18 14:06	196.6638181	Other	NA	Electronic	1.767	1.772
ManGroup	30-07-18	13:32-15:30			1.743	30-07-18 14:08	196.6638181	Other	NA	Electronic	1.743	1.747
Mapfre	12-07-18	09:32-11:30			2.655	12-07-18 10:44	447.95	Other	NA	Electronic	2.655	2.662
Mapfre	01-08-18	11:32-13:30			2.665	01-08-18 12:52	29.28	Other	NA	Electronic	2.665	2.673
Mapfre	10-08-18	11:32-13:30			2.679	10-08-18 11:45	26.79	Other	NA	Electronic	2.672	2.679
Mapfre	10-09-18	09:32-11:30			2.521	10-09-18 10:17	2287.2	Other	NA	Electronic	2.521	2.528
Mapfre	26-09-18	09:32-11:30			2.712	26-09-18 10:33	27.12	Other	NA	Electronic	2.712	2.719
Mapfre	26-09-18	13:32-15:30			2.709	26-09-18 14:25	27.12	Other	NA	Electronic	2.702	2.709
Marathon Oil	16-07-18	13:32-15:30			20.3	16-07-18 14:17	892.6215812	Other	NA	Electronic	20.24	20.3
Marathon Oil	17-07-18	15:32-17:30			20.1	17-07-18 17:10	892.6215812	Other	NA	Electronic	20.1	20.16
Marathon Oil	02-08-18	13:32-15:30			20.07	02-08-18 13:40	1059.009762	Other	NA	Electronic	20	20.07
Marathon Oil	08-08-18	15:32-17:30			20	08-08-18 15:52	351.7720517	Other	NA	Electronic	20	20.06
Marathon Oil	10-08-18	13:32-15:30			20.18	10-08-18 13:54	177.4690001	Other	NA	Electronic	20.18	20.24
Marathon Oil	13-08-18	15:32-17:30			20.25	13-08-18 15:55	1059.009762	Other	NA	Electronic	20.25	20.31



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Marathon Oil	15-08-18	13:32-15:30			20.07	15-08-18 13:40	176.5016269	Other	NA	Electronic	20.01	20.07
Marathon Oil	16-08-18	15:32-17:30			19.55	16-08-18 16:57	171.9285903	Other	NA	Electronic	19.49	19.55
Marathon Oil	22-08-18	15:32-17:30			21	22-08-18 16:32	184.6803271	Other	NA	Electronic	20.94	21
Marathon Oil	29-08-18	15:32-17:30			21.79	29-08-18 16:13	1059.009762	Other	NA	Electronic	21.79	21.85
Marathon Petroleum	25-09-18	13:32-15:30			87.57	25-09-18 14:10	770.1169642	Other	NA	Electronic	87.45	87.57
Marathon Petroleum	27-09-18	13:32-15:30			85.65	27-09-18 13:40	753.2319057	Other	NA	Electronic	85.51	85.65
Marks&Spen	02-07-18	11:32-13:30			2.956	02-07-18 12:14	328.0689877	Other	NA	Electronic	2.956	2.962
Marks&Spen	02-07-18	13:32-15:30			2.987	02-07-18 13:48	328.1799718	Other	NA	Electronic	2.982	2.987
Marks&Spen	09-07-18	11:32-13:30			3.12	09-07-18 11:52	346.2703795	Other	NA	Electronic	3.12	3.127
Marks&Spen	12-07-18	09:32-11:30			3.135	12-07-18 11:23	346.2703795	Other	NA	Electronic	3.13	3.135
Marks&Spen	12-07-18	11:32-13:30			3.121	12-07-18 11:54	346.3813636	Other	NA	Electronic	3.121	3.126
Marks&Spen	16-07-18	11:32-13:30			3.094	16-07-18 12:40	343.384793	Other	NA	Electronic	3.094	3.099
Marks&Spen	16-07-18	13:32-15:30			3.099	16-07-18 15:15	344.4946339	Other	NA	Electronic	3.099	3.105
Marks&Spen	17-07-18	11:32-13:30			3.12	17-07-18 12:04	346.2703795	Other	NA	Electronic	3.12	3.125
Marks&Spen	18-07-18	13:32-15:30			3.141	18-07-18 13:39	344.8275862	Other	NA	Electronic	3.135	3.141

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Marks&Spen	26-07-18	13:32-15:30			3.105	26-07-18 14:07	346.2703795	Other	NA	Electronic	3.099	3.105
Marks&Spen	31-07-18	13:32-15:30			3.095	31-07-18 15:16	340.1662542	Other	NA	Electronic	3.095	3.1
Marks&Spen	01-08-18	09:32-11:30			3.015	01-08-18 10:19	343.9397134	Other	NA	Electronic	3.009	3.015
Marks&Spen	16-08-18	11:32-13:30			3.026	16-08-18 13:27	330.5106378	Other	NA	Electronic	3.019	3.026
Marks&Spen	13-09-18	13:32-15:30			2.876	13-09-18 13:32	319.19026	Other	NA	Electronic	2.87	2.876
Marks&Spen	20-09-18	11:32-13:30			2.87	20-09-18 11:35	318.5243555	Other	NA	Electronic	2.863	2.87
Marks&Spen	28-09-18	13:32-15:30			2.895	28-09-18 14:51	318.5243555	Other	NA	Electronic	2.895	2.9
Mastercard	02-07-18	13:32-15:30			197.31	02-07-18 14:59	1735.203588	Other	NA	Electronic	197.31	197.64
Mastercard	03-07-18	13:32-15:30			197.46	03-07-18 13:40	1736.522733	Other	NA	Electronic	197.46	197.73
Mastercard	05-07-18	13:32-15:30			197.96	05-07-18 13:40	1740.919884	Other	NA	Electronic	197.96	198.42
Mastercard	06-07-18	13:32-15:30			198.83	06-07-18 13:53	1747.603553	Other	NA	Electronic	198.83	199.06
Mastercard	10-07-18	13:32-15:30			201.31	10-07-18 14:04	1770.380793	Other	NA	Electronic	201.06	201.31
Mastercard	10-07-18	15:32-17:30			202.43	10-07-18 16:13	1770.380793	Other	NA	Electronic	202.43	202.84
Mastercard	12-07-18	15:32-17:30			208.25	12-07-18 15:59	3504.353179	Other	NA	Electronic	208.25	208.62
Mastercard	17-07-18	13:32-15:30			205.22	17-07-18 15:01	1804.766511	Other	NA	Electronic	204.88	205.22

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Mastercard	19-07-18	15:32-17:30			205.81	19-07-18 16:48	1733.708557	Other	NA	Electronic	205.81	206.3
Mastercard	26-07-18	13:32-15:30			207.72	26-07-18 13:40	1804.766511	Other	NA	Electronic	207.72	208.14
Mastercard	30-07-18	13:32-15:30			200.67	30-07-18 13:40	1764.75244	Other	NA	Electronic	200.32	200.67
Mastercard	01-08-18	13:32-15:30			199.61	01-08-18 13:40	1755.430481	Other	NA	Electronic	199.37	199.61
Mastercard	01-08-18	15:32-17:30			199.65	01-08-18 16:00	5289.772228	Other	NA	Electronic	199.65	199.86
Mastercard	02-08-18	13:32-15:30			199.59	02-08-18 13:43	1755.254595	Other	NA	Electronic	199.11	199.59
Mastercard	02-08-18	15:32-17:30			199.85	02-08-18 15:53	1755.254595	Other	NA	Electronic	199.85	200.09
Mastercard	15-08-18	13:32-15:30			201.41	15-08-18 14:00	3544.631079	Other	NA	Electronic	201.41	201.64
Mastercard	16-08-18	13:32-15:30			202.94	16-08-18 15:00	7138.862017	Other	NA	Electronic	202.78	202.94
Mastercard	29-08-18	13:32-15:30			215.21	29-08-18 15:05	1818.573564	Other	NA	Electronic	215.21	215.5
Mastercard	31-08-18	13:32-15:30			214.84	31-08-18 14:29	1886.905285	Other	NA	Electronic	214.84	215.06
Mastercard	05-09-18	13:32-15:30			210.6	05-09-18 14:36	1852.079852	Other	NA	Electronic	210.36	210.6
Mastercard	06-09-18	13:32-15:30			211.78	06-09-18 13:40	1862.457128	Other	NA	Electronic	211.37	211.78
Mastercard	13-09-18	13:32-15:30			216.47	13-09-18 13:40	1852.079852	Other	NA	Electronic	216.47	216.7
Mastercard	20-09-18	13:32-15:30			219.93	20-09-18 13:52	1934.130683	Other	NA	Electronic	219.68	219.93

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Mastercard	20-09-18	15:32-17:30			219.97	20-09-18 16:51	1934.130683	Other	NA	Electronic	219.97	220.17
Mastercard	21-09-18	13:32-15:30			222.04	21-09-18 13:48	1764.75244	Other	NA	Electronic	222.04	222.3
Mastercard	26-09-18	13:32-15:30			223.34	26-09-18 14:43	1755.430481	Other	NA	Electronic	223.34	223.57
Mattel	03-07-18	13:32-15:30			16.75	03-07-18 14:12	147.3045467	Other	NA	Electronic	16.69	16.75
Mattel	13-07-18	13:32-15:30			17.04	13-07-18 14:05	149.854894	Other	NA	Electronic	17.04	17.11
Mattel	16-07-18	13:32-15:30			16.21	16-07-18 13:45	147.3045467	Other	NA	Electronic	16.21	16.27
Mattel	30-07-18	13:32-15:30			15.81	30-07-18 13:41	2502.682262	Other	NA	Electronic	15.74	15.81
Mattel	31-07-18	13:32-15:30			15.25	31-07-18 13:50	2502.682262	Other	NA	Electronic	15.25	15.32
Mattel	22-08-18	13:32-15:30			15.3	22-08-18 13:57	134.5528098	Other	NA	Electronic	15.24	15.3
Mattel	07-09-18	13:32-15:30			15.65	07-09-18 14:40	134.5528098	Other	NA	Electronic	15.65	15.71
Mattel	12-09-18	13:32-15:30			15.74	12-09-18 13:44	156.274734	Other	NA	Electronic	15.74	15.8
Mattel	25-09-18	13:32-15:30			16.09	25-09-18 13:40	4103.508926	Other	NA	Electronic	16.03	16.09
Mattel	28-09-18	13:32-15:30			15.6	28-09-18 15:04	4103.508926	Other	NA	Electronic	15.6	15.67
Maxim	09-07-18	15:32-17:30			60.19	09-07-18 16:44	522.1176678	Other	NA	Electronic	60.19	60.27
McDonalds	05-07-18	15:32-17:30			157.6	05-07-18 16:07	1385.981884	Other	NA	Electronic	157.43	157.6

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
McDonalds	06-07-18	13:32-15:30			159.6	06-07-18 13:51	1385.981884	Other	NA	Electronic	159.6	159.78
McDonalds	25-07-18	13:32-15:30			158.09	25-07-18 13:40	1390.291091	Other	NA	Electronic	157.88	158.09
McDonalds	25-07-18	15:32-17:30			157.86	25-07-18 16:55	2776.536804	Other	NA	Electronic	157.72	157.86
McDonalds	26-07-18	13:32-15:30			158.21	26-07-18 13:41	8348.078445	Other	NA	Electronic	157.94	158.21
McDonalds	27-07-18	13:32-15:30			156.81	27-07-18 13:41	9612.611028	Other	NA	Electronic	156.81	157.08
McDonalds	30-07-18	13:32-15:30			158.88	30-07-18 13:40	1387.301029	Other	NA	Electronic	158.88	159.15
McDonalds	30-07-18	15:32-17:30			159.25	30-07-18 15:44	1471.814264	Other	NA	Electronic	159.25	159.43
McDonalds	15-08-18	13:32-15:30			158.49	15-08-18 14:57	1418.344912	Other	NA	Electronic	158.49	158.64
McDonalds	30-08-18	13:32-15:30			163.16	30-08-18 14:04	1434.878199	Other	NA	Electronic	162.99	163.16
McDonalds	30-08-18	15:32-17:30			163.09	30-08-18 17:27	1434.262598	Other	NA	Electronic	162.96	163.09
McDonalds	31-08-18	13:32-15:30			162.35	31-08-18 13:40	2863.952159	Other	NA	Electronic	162.35	162.55
McDonalds	10-09-18	13:32-15:30			164.97	10-09-18 13:40	1408.759124	Other	NA	Electronic	164.97	165.18
McDonalds	17-09-18	15:32-17:30			158.71	17-09-18 16:46	1395.743558	Other	NA	Electronic	158.57	158.71
Mediaset	05-07-18	09:32-11:30			2.645	05-07-18 10:32	52.9	Other	NA	Electronic	2.634	2.645
Mediaset	06-07-18	09:32-11:30			2.664	06-07-18 10:43	26.64	Other	NA	Electronic	2.664	2.673

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Mediaset	10-07-18	13:32-15:30			2.771	10-07-18 14:07	133.6	Other	NA	Electronic	2.771	2.78
Mediaset	11-07-18	11:32-13:30			2.762	11-07-18 11:57	27.62	Other	NA	Electronic	2.753	2.762
Mediaset	12-07-18	09:32-11:30			2.784	12-07-18 10:28	167.04	Other	NA	Electronic	2.775	2.784
Mediaset	12-07-18	11:32-13:30			2.781	12-07-18 11:40	26.26	Other	NA	Electronic	2.781	2.79
Mediaset	13-07-18	09:32-11:30			2.773	13-07-18 09:50	27.73	Other	NA	Electronic	2.773	2.781
Mediaset	13-07-18	13:32-15:30			2.762	13-07-18 13:59	27.73	Other	NA	Electronic	2.754	2.762
Mediaset	17-07-18	09:32-11:30			2.812	17-07-18 10:29	28.4	Other	NA	Electronic	2.802	2.812
Mediaset	17-07-18	11:32-13:30			2.786	17-07-18 12:12	27.86	Other	NA	Electronic	2.778	2.786
Mediaset	25-07-18	11:32-13:30			2.766	25-07-18 12:04	26.73	Other	NA	Electronic	2.766	2.777
Mediaset	01-08-18	09:32-11:30			2.902	01-08-18 11:07	31.02	Other	NA	Electronic	2.894	2.902
Mediaset	01-08-18	11:32-13:30			2.873	01-08-18 12:53	28.97	Other	NA	Electronic	2.873	2.882
Mediaset	13-08-18	09:32-11:30			2.732	13-08-18 11:29	27.74	Other	NA	Electronic	2.732	2.742
Mediaset	14-08-18	11:32-13:30			2.637	14-08-18 12:27	26.64	Other	NA	Electronic	2.627	2.637
Mediaset	17-08-18	11:32-13:30			2.656	17-08-18 13:04	26.56	Other	NA	Electronic	2.649	2.656
Mediaset	28-08-18	11:32-13:30			2.66	28-08-18 13:26	26.56	Other	NA	Electronic	2.66	2.668

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Mediaset	05-09-18	11:32-13:30			2.512	05-09-18 11:33	25.12	Other	NA	Electronic	2.501	2.512
Mediaset	06-09-18	11:32-13:30			2.478	06-09-18 13:20	25.12	Other	NA	Electronic	2.478	2.486
Mediaset	14-09-18	13:32-15:30			2.542	14-09-18 14:03	25.34	Other	NA	Electronic	2.542	2.551
Mediaset	20-09-18	13:32-15:30			2.584	20-09-18 14:41	79.14	Other	NA	Electronic	2.584	2.592
Mediaset	27-09-18	13:30-13:32	2.777	27.77								
Mediaset	28-09-18	09:32-11:30			2.659	28-09-18 11:05	132.95	Other	NA	Electronic	2.659	2.669
Mediaset	28-09-18	11:32-13:30			2.656	28-09-18 12:18	132.95	Other	NA	Electronic	2.647	2.656
Mediaset Espana	02-07-18	09:32-11:30			7.098	02-07-18 09:54	70.98	Other	NA	Electronic	7.098	7.119
Mediaset Espana	09-07-18	13:32-15:30			7.003	09-07-18 15:24	70.03	Other	NA	Electronic	6.982	7.003
Mediaset Espana	10-07-18	13:32-15:30			7.068	10-07-18 13:33	70.03	Other	NA	Electronic	7.068	7.087
Mediaset Espana	12-07-18	11:32-13:30			6.811	12-07-18 12:41	70.98	Other	NA	Electronic	6.788	6.811
Mediaset Espana	01-08-18	11:32-13:30			6.654	01-08-18 12:52	341.35	Other	NA	Electronic	6.654	6.675
Mediobanca	04-07-18	11:32-13:30			8.12	04-07-18 12:25	81.2	Other	NA	Electronic	8.096	8.12
Mediobanca	05-07-18	11:32-13:30			8.328	05-07-18 11:51	802.6	Other	NA	Electronic	8.328	8.354
Mediobanca	09-07-18	13:32-15:30			8.122	09-07-18 15:12	572.46	Other	NA	Electronic	8.122	8.146

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Mediobanca	11-07-18	09:32-11:30			7.914	11-07-18 10:15	79.14	Other	NA	Electronic	7.888	7.914
Mediobanca	24-07-18	09:32-11:30			8.298	24-07-18 10:09	1652.4	Other	NA	Electronic	8.298	8.322
Mediobanca	01-08-18	09:32-11:30			8.734	01-08-18 11:06	97.87	Other	NA	Electronic	8.734	8.764
Mediobanca	01-08-18	13:32-15:30			8.752	01-08-18 15:19	79.14	Other	NA	Electronic	8.752	8.778
Mediobanca	09-08-18	09:32-11:30			8.826	09-08-18 11:28	88.26	Other	NA	Electronic	8.802	8.826
Mediobanca	10-08-18	09:32-11:30			8.704	10-08-18 09:45	87.04	Other	NA	Electronic	8.704	8.73
Mediobanca	13-08-18	09:32-11:30			8.35	13-08-18 11:28	88.26	Other	NA	Electronic	8.35	8.378
Mediobanca	14-08-18	13:32-15:30			8.368	14-08-18 14:30	83.68	Other	NA	Electronic	8.342	8.368
Mediobanca	20-08-18	09:32-11:30			8.432	20-08-18 10:31	83.68	Other	NA	Electronic	8.432	8.456
Mediobanca	20-08-18	11:32-13:30			8.476	20-08-18 11:55	84.76	Other	NA	Electronic	8.454	8.476
Mediobanca	20-08-18	13:32-15:30			8.442	20-08-18 13:54	84.42	Other	NA	Electronic	8.442	8.466
Mediobanca	22-08-18	11:32-13:30			8.39	22-08-18 12:34	83.9	Other	NA	Electronic	8.39	8.416
Mediobanca	28-08-18	11:32-13:30			8.322	28-08-18 13:20	83.02	Other	NA	Electronic	8.298	8.322
Mediobanca	31-08-18	09:32-11:30			8.078	31-08-18 10:00	84.76	Other	NA	Electronic	8.078	8.104
Mediobanca	03-09-18	09:32-11:30			8.28	03-09-18 10:32	82.82	Other	NA	Electronic	8.254	8.28



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Mediobanca	03-09-18	13:32-15:30			8.268	03-09-18 15:24	82.68	Other	NA	Electronic	8.246	8.268
Mediobanca	06-09-18	09:32-11:30			8.724	06-09-18 10:14	258	Other	NA	Electronic	8.724	8.75
Mediobanca	07-09-18	09:32-11:30			8.628	07-09-18 10:18	172.56	Other	NA	Electronic	8.628	8.652
Mediobanca	13-09-18	11:32-13:30			9.118	13-09-18 12:01	182.28	Other	NA	Electronic	9.118	9.144
Mediobanca	27-09-18	11:32-13:30			9.15	27-09-18 13:25	91.5	Other	NA	Electronic	9.126	9.15
Mediobanca	28-09-18	09:32-11:30			8.542	28-09-18 11:17	82.68	Other	NA	Electronic	8.542	8.566
Mediobanca	28-09-18	11:30-11:32	8.538	88.38								
Medtronic	24-07-18	13:32-15:30			88.54	24-07-18 13:46	779.9665817	Other	NA	Electronic	88.54	88.67
Merck	09-08-18	13:32-15:30			89.47	09-08-18 13:32	2637.6	Other	NA	Electronic	89.47	89.66
Merck	14-09-18	13:32-15:30			86.35	14-09-18 15:05	1726	Other	NA	Electronic	86.35	86.54
Merck&Co	06-07-18	15:32-17:30			62.47	06-07-18 15:34	1098.760004	Other	NA	Electronic	62.41	62.47
Merck&Co	18-07-18	15:32-17:30			62.78	18-07-18 16:13	1098.760004	Other	NA	Electronic	62.78	62.85
Merck&Co	07-08-18	13:32-15:30			66.62	07-08-18 15:11	585.8763521	Other	NA	Electronic	66.62	66.68
Merck&Co	16-08-18	13:32-15:30			67.52	16-08-18 13:40	585.8763521	Other	NA	Electronic	67.46	67.52
Merck&Co	28-08-18	15:32-17:30			68.71	28-08-18 15:48	604.2564418	Other	NA	Electronic	68.71	68.78

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Merck&Co	21-09-18	15:30-15:32	71.2	626.154252								
Merck&Co	24-09-18	13:32-15:30			70.86	24-09-18 14:26	626.154252	Other	NA	Electronic	70.86	70.92
Merck&Co	26-09-18	13:32-15:30			70.98	26-09-18 13:40	621.6691584	Other	NA	Electronic	70.92	70.98
Merlin Entertainments	24-08-18	13:32-15:30			3.71	24-08-18 15:07	41.17509961	Other	NA	Electronic	3.68	3.71
Merlin Properties	25-07-18	09:32-11:30			12.492	25-07-18 09:58	124.92	Other	NA	Electronic	12.458	12.492
Merlin Properties	30-07-18	09:32-11:30			12.483	30-07-18 11:22	124.92	Other	NA	Electronic	12.483	12.517
Metlife	09-07-18	13:32-15:30			44.8	09-07-18 14:38	397.3265324	Other	NA	Electronic	44.8	44.87
Metlife	10-07-18	15:32-17:30			44.83	10-07-18 16:52	1182.745581	Other	NA	Electronic	44.77	44.83
Metlife	20-07-18	15:32-17:30			43.85	20-07-18 17:12	385.6301117	Other	NA	Electronic	43.85	43.91
Metlife	24-07-18	13:32-15:30			45	24-07-18 14:07	385.6301117	Other	NA	Electronic	44.94	45
Metlife	26-07-18	15:32-17:30			45.28	26-07-18 15:44	796.4119251	Other	NA	Electronic	45.22	45.28
Metlife	30-07-18	13:32-15:30			46	30-07-18 14:20	796.4119251	Other	NA	Electronic	46	46.07
Metlife	10-08-18	15:32-17:30			44.73	10-08-18 16:56	393.3690968	Other	NA	Electronic	44.67	44.73
MGM Resorts	02-07-18	13:32-15:30			28.22	02-07-18 13:40	822.3551139	Other	NA	Electronic	28.22	28.29
MGM Resorts	24-07-18	15:32-17:30			31.02	24-07-18 16:31	272.7992261	Other	NA	Electronic	30.96	31.02

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
MGMResorts	26-07-18	13:32-15:30			31.1	26-07-18 14:48	273.5027702	Other	NA	Electronic	31.1	31.16
MGMResorts	30-07-18	13:32-15:30			30.82	30-07-18 14:12	272.7992261	Other	NA	Electronic	30.82	30.88
MGMResorts	31-07-18	15:32-17:30			31.27	31-07-18 17:19	273.5027702	Other	NA	Electronic	31.21	31.27
MGMResorts	02-08-18	13:32-15:30			27.82	02-08-18 13:40	838.4486853	Other	NA	Electronic	27.82	27.91
MGMResorts	08-08-18	13:32-15:30			29.12	08-08-18 15:27	512.1801073	Other	NA	Electronic	29.12	29.19
MGMResorts	09-08-18	13:32-15:30			29.35	09-08-18 13:43	512.5318793	Other	NA	Electronic	29.35	29.42
MGMResorts	15-08-18	13:32-15:30			28.49	15-08-18 13:49	512.1801073	Other	NA	Electronic	28.43	28.49
MGMResorts	22-08-18	15:32-17:30			29.14	22-08-18 15:44	248.0872395	Other	NA	Electronic	29.08	29.14
MGMResorts	07-09-18	13:32-15:30			26.74	07-09-18 15:18	237.4461349	Other	NA	Electronic	26.68	26.74
Michael Kors	03-07-18	13:32-15:30			66.93	03-07-18 14:45	5840.295489	Other	NA	Electronic	66.85	66.93
Michael Kors	11-07-18	13:32-15:30			64.98	11-07-18 13:41	571.453698	Other	NA	Electronic	64.85	64.98
Michael Kors	11-07-18	15:32-17:30			65.87	11-07-18 15:44	1737.841878	Other	NA	Electronic	65.87	65.97
Michael Kors	24-07-18	15:32-17:30			67.74	24-07-18 17:22	571.453698	Other	NA	Electronic	67.74	67.83
Michael Kors	20-08-18	15:32-17:30			74.76	20-08-18 16:48	657.4619646	Other	NA	Electronic	74.69	74.76
Michael Kors	27-08-18	15:32-17:30			74.35	27-08-18 17:22	653.8563011	Other	NA	Electronic	74.26	74.35

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Michael Kors	24-09-18	13:32-15:30			67.28	24-09-18 13:40	591.680591	Other	NA	Electronic	66.95	67.28
Michael Kors	25-09-18	13:32-15:30			66.4	25-09-18 13:40	583.9416058	Other	NA	Electronic	66.4	66.64
Michael Kors	27-09-18	15:32-17:30			69.1	27-09-18 15:46	600.5628353	Other	NA	Electronic	69.1	69.21
Michael Kors	28-09-18	13:32-15:30			70.1	28-09-18 14:54	1849.441562	Other	NA	Electronic	69.99	70.1
Microchip Technology	09-07-18	15:32-17:30			92.8	09-07-18 16:44	807.3168587	Other	NA	Electronic	92.8	92.93
Microchip Technology	24-09-18	15:32-17:30			81.88	24-09-18 16:14	1440.15478	Other	NA	Electronic	81.88	82
Microchip Technology	25-09-18	15:32-17:30			79.33	25-09-18 15:52	697.6519216	Other	NA	Electronic	79.23	79.33
Microchip Technology	26-09-18	13:32-15:30			79.6	26-09-18 15:03	697.6519216	Other	NA	Electronic	79.6	79.69
Microchip Technology	27-09-18	13:32-15:30			78.76	27-09-18 13:40	692.6391698	Other	NA	Electronic	78.5	78.76
Micro Focus	02-07-18	09:32-11:30			13.83	02-07-18 10:49	148.8296727	Other	NA	Electronic	13.83	13.88
Micro Focus	03-07-18	11:32-13:30			12.65	03-07-18 13:29	140.3948814	Other	NA	Electronic	12.59	12.65
Micro Focus	03-07-18	13:32-15:30			12.45	03-07-18 14:56	138.1751995	Other	NA	Electronic	12.45	12.51
Micro Focus	10-07-18	09:32-11:30			13.09	10-07-18 10:39	145.2781816	Other	NA	Electronic	13.09	13.14
Micro Focus	10-07-18	11:32-13:30			12.97	10-07-18 12:36	143.9463725	Other	NA	Electronic	12.91	12.97
Micro Focus	17-07-18	13:32-15:30			12.66	17-07-18 14:58	143.9463725	Other	NA	Electronic	12.66	12.72

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Micro Focus	25-07-18	13:32-15:30			12.8	25-07-18 14:20	1390.630723	Other	NA	Electronic	12.8	12.86
Micro Focus	26-07-18	13:32-15:30			13.06	26-07-18 14:55	142.3925951	Other	NA	Electronic	13.06	13.11
Micro Focus	01-08-18	09:32-11:30			12.17	01-08-18 10:56	135.0676448	Other	NA	Electronic	12.11	12.17
Micro Focus	01-08-18	11:32-13:30			12.16	01-08-18 12:30	132.7369788	Other	NA	Electronic	12.1	12.16
Micro Focus	10-08-18	13:32-15:30			12.41	10-08-18 15:10	137.7312631	Other	NA	Electronic	12.41	12.47
Micron	02-07-18	13:32-15:30			52.92	02-07-18 14:45	465.3944244	Other	NA	Electronic	52.92	52.99
Micron	02-07-18	15:32-17:30			53.04	02-07-18 15:54	465.5703104	Other	NA	Electronic	53.04	53.11
Micron	03-07-18	13:32-15:30			54.13	03-07-18 13:58	1428.106587	Other	NA	Electronic	54.13	54.2
Micron	03-07-18	15:32-17:30			54	03-07-18 15:52	955.0611204	Other	NA	Electronic	53.94	54
Micron	05-07-18	13:32-15:30			53.13	05-07-18 13:40	452.6426875	Other	NA	Electronic	53.05	53.13
Micron	05-07-18	15:32-17:30			52.61	05-07-18 15:32	459.5901856	Other	NA	Electronic	52.54	52.61
Micron	06-07-18	13:32-15:30			52.09	06-07-18 13:48	1374.285463	Other	NA	Electronic	52.09	52.16
Micron	09-07-18	13:32-15:30			53.62	09-07-18 13:42	471.5504353	Other	NA	Electronic	53.54	53.62
Micron	10-07-18	13:32-15:30			54.84	10-07-18 13:40	477.0908451	Other	NA	Electronic	54.78	54.84
Micron	10-07-18	15:32-17:30			55.67	10-07-18 16:40	489.578753	Other	NA	Electronic	55.67	55.73

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Micron	11-07-18	13:32-15:30			54.01	11-07-18 13:42	459.2384135	Other	NA	Electronic	54.01	54.08
Micron	11-07-18	15:32-17:30			54.07	11-07-18 15:36	1426.523613	Other	NA	Electronic	54	54.07
Micron	12-07-18	13:32-15:30			55.11	12-07-18 13:43	484.6539442	Other	NA	Electronic	55.04	55.11
Micron	12-07-18	15:32-17:30			55.33	12-07-18 15:53	484.6539442	Other	NA	Electronic	55.33	55.39
Micron	13-07-18	13:32-15:30			55.86	13-07-18 13:40	486.7645766	Other	NA	Electronic	55.79	55.86
Micron	13-07-18	15:32-17:30			56.21	13-07-18 17:13	496.1744789	Other	NA	Electronic	56.15	56.21
Micron	16-07-18	13:32-15:30			56.74	16-07-18 13:50	494.0638466	Other	NA	Electronic	56.74	56.81
Micron	16-07-18	15:32-17:30			56.77	16-07-18 15:42	4992.524844	Other	NA	Electronic	56.7	56.77
Micron	17-07-18	13:32-15:30			56	17-07-18 13:40	3447.366107	Other	NA	Electronic	56.01	56.09
Micron	18-07-18	13:32-15:30			57.71	18-07-18 13:40	2989.710667	Other	NA	Electronic	57.7	57.78
Micron	19-07-18	15:32-17:30			55.88	19-07-18 17:21	4914.255562	Other	NA	Electronic	55.82	55.88
Micron	23-07-18	13:32-15:30			52.33	23-07-18 13:40	3411.661244	Other	NA	Electronic	52.33	52.4
Micron	23-07-18	15:32-17:30			53.83	23-07-18 15:54	2343.241579	Other	NA	Electronic	53.83	53.89
Micron	24-07-18	15:32-17:30			54.16	24-07-18 16:00	2394.688242	Other	NA	Electronic	54.16	54.22
Micron	25-07-18	13:32-15:30			53.49	25-07-18 13:54	3292.850233	Other	NA	Electronic	53.49	53.55

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Micron	25-07-18	15:32-17:30			53.37	25-07-18 15:35	2346.7593	Other	NA	Electronic	53.31	53.37
Micron	26-07-18	13:32-15:30			53.99	26-07-18 13:49	2848.825961	Other	NA	Electronic	53.99	54.05
Micron	26-07-18	15:32-17:30			54.01	26-07-18 16:00	2866.238677	Other	NA	Electronic	54.01	54.07
Micron	27-07-18	13:32-15:30			53.99	27-07-18 14:04	949.6086536	Other	NA	Electronic	53.99	54.05
Micron	27-07-18	15:32-17:30			54.08	27-07-18 16:00	954.0058042	Other	NA	Electronic	54.02	54.08
Micron	30-07-18	13:32-15:30			52.84	30-07-18 15:09	6260.135432	Other	NA	Electronic	52.84	52.9
Micron	31-07-18	13:32-15:30			53.94	31-07-18 13:44	474.3646117	Other	NA	Electronic	53.93	54
Micron	01-08-18	13:32-15:30			52.81	01-08-18 13:40	1133.761323	Other	NA	Electronic	52.81	52.88
Micron	10-08-18	13:32-15:30			51.75	10-08-18 13:49	563.8905989	Other	NA	Electronic	51.75	51.82
Micron	14-08-18	13:32-15:30			50.6	14-08-18 13:56	444.9916454	Other	NA	Electronic	50.54	50.6
Micron	15-08-18	13:32-15:30			49.45	15-08-18 13:42	1132.53012	Other	NA	Electronic	49.45	49.52
Micron	16-08-18	13:32-15:30			47.7	16-08-18 13:53	838.9763433	Other	NA	Electronic	47.63	47.7
Micron	17-08-18	13:32-15:30			46.35	17-08-18 13:40	1131.123032	Other	NA	Electronic	46.35	46.42
Micron	17-08-18	15:30-15:32	46.81	411.6612435								
Micron	20-08-18	13:32-15:30			46.75	20-08-18 13:58	411.1335854	Other	NA	Electronic	46.69	46.75

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Micron	20-08-18	15:32-17:30			47.75	20-08-18 16:48	419.9278867	Other	NA	Electronic	47.69	47.75
Micron	21-08-18	13:32-15:30			49.64	21-08-18 13:47	436.5491162	Other	NA	Electronic	49.57	49.64
Micron	22-08-18	13:32-15:30			50.18	22-08-18 13:40	2647.788233	Other	NA	Electronic	50.18	50.26
Micron	23-08-18	15:32-17:30			49.64	23-08-18 16:23	419.9278867	Other	NA	Electronic	49.64	49.7
Micron	24-08-18	13:32-15:30			50.15	24-08-18 13:42	407.0002638	Other	NA	Electronic	50.15	50.22
Micron	27-08-18	13:32-15:30			52.07	27-08-18 14:03	2647.788233	Other	NA	Electronic	52	52.07
Micron	27-08-18	15:32-17:30			51.86	27-08-18 15:40	912.1449301	Other	NA	Electronic	51.86	51.93
Micron	28-08-18	13:32-15:30			51.66	28-08-18 13:48	908.6272096	Other	NA	Electronic	51.59	51.66
Micron	29-08-18	13:32-15:30			51.49	29-08-18 13:58	905.6371471	Other	NA	Electronic	51.49	51.55
Micron	29-08-18	15:32-17:30			51.94	29-08-18 16:06	913.5520183	Other	NA	Electronic	51.94	52.01
Micron	30-08-18	13:32-15:30			52.25	30-08-18 13:46	913.5520183	Other	NA	Electronic	52.18	52.25
Micron	31-08-18	13:32-15:30			53.14	31-08-18 13:54	4673.291707	Other	NA	Electronic	53.07	53.14
Micron	31-08-18	15:32-17:30			52.77	31-08-18 16:20	2320.376396	Other	NA	Electronic	52.71	52.77
Micron	04-09-18	13:32-15:30			51.37	04-09-18 13:42	451.7632574	Other	NA	Electronic	51.31	51.37
Micron	05-09-18	15:32-17:30			49.82	05-09-18 17:00	438.1320904	Other	NA	Electronic	49.76	49.82



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Micron	06-09-18	13:32-15:30			46.44	06-09-18 14:03	408.407352	Other	NA	Electronic	46.38	46.44
Micron	06-09-18	15:32-17:30			45.24	06-09-18 16:36	1176.149855	Other	NA	Electronic	45.24	45.31
Micron	07-09-18	13:32-15:30			45.9	07-09-18 13:45	807.3168587	Other	NA	Electronic	45.9	45.97
Micron	10-09-18	13:32-15:30			44.88	10-09-18 14:13	1184.064726	Other	NA	Electronic	44.88	44.95
Micron	10-09-18	15:30-15:32	45.22	793.9495207								
Micron	11-09-18	13:32-15:30			43.19	11-09-18 13:40	379.8258728	Other	NA	Electronic	43.11	43.19
Micron	12-09-18	13:32-15:30			41.75	12-09-18 13:40	367.162079	Other	NA	Electronic	41.65	41.73
Micron	12-09-18	15:32-17:30			41.27	12-09-18 15:44	725.5298567	Other	NA	Electronic	41.27	41.33
Micron	13-09-18	13:32-15:30			43.14	13-09-18 13:40	518.1602322	Other	NA	Electronic	43.14	43.22
Micron	13-09-18	15:32-17:30			44.33	13-09-18 17:07	378.8584997	Other	NA	Electronic	44.33	44.39
Micron	14-09-18	13:32-15:30			43.87	14-09-18 13:48	3858.059977	Other	NA	Electronic	43.81	43.87
Micron	14-09-18	15:32-17:30			43.73	14-09-18 16:01	384.4868525	Other	NA	Electronic	43.73	43.79
Micron	17-09-18	13:32-15:30			43.59	17-09-18 13:43	383.3435934	Other	NA	Electronic	43.52	43.59
Micron	18-09-18	13:32-15:30			44.16	18-09-18 13:40	382.1123912	Other	NA	Electronic	44.16	44.24
Micron	18-09-18	15:32-17:30			45.71	18-09-18 15:41	4019.875121	Other	NA	Electronic	45.65	45.71

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Micron	19-09-18	13:32-15:30			45.56	19-09-18 13:40	1602.673468	Other	NA	Electronic	45.56	45.63
Micron	19-09-18	15:32-17:30			44.99	19-09-18 16:18	783.3963592	Other	NA	Electronic	44.99	45.05
Micron	20-09-18	13:32-15:30			47.08	20-09-18 13:40	414.0357049	Other	NA	Electronic	47.02	47.08
Micron	21-09-18	13:32-15:30			44.53	21-09-18 13:40	1566.440946	Other	NA	Electronic	44.53	44.75
Micron	21-09-18	15:32-17:30			45.42	21-09-18 15:35	399.4371647	Other	NA	Electronic	45.42	45.49
Micron	24-09-18	13:32-15:30			45.15	24-09-18 14:48	794.3012928	Other	NA	Electronic	45.15	45.21
Micron	24-09-18	15:32-17:30			45.31	24-09-18 16:55	1215.724211	Other	NA	Electronic	45.31	45.37
Micron	25-09-18	15:32-17:30			44.27	25-09-18 16:03	778.6474365	Other	NA	Electronic	44.21	44.27
Micron	26-09-18	13:32-15:30			44.09	26-09-18 13:40	778.6474365	Other	NA	Electronic	44.09	44.16
Micron	27-09-18	13:32-15:30			44.73	27-09-18 13:41	393.3690968	Other	NA	Electronic	44.67	44.73
Micron	28-09-18	13:32-15:30			44.93	28-09-18 14:28	788.848826	Other	NA	Electronic	44.93	45
Microsoft	03-07-18	13:32-15:30			99.68	03-07-18 13:47	2629.847859	Other	NA	Electronic	99.68	99.77
Microsoft	03-07-18	15:32-17:30			99.74	03-07-18 16:01	2629.847859	Other	NA	Electronic	99.65	99.74
Microsoft	05-07-18	15:32-17:30			99.64	05-07-18 15:56	876.2641808	Other	NA	Electronic	99.55	99.64
Microsoft	06-07-18	13:32-15:30			100.25	06-07-18 13:40	876.2641808	Other	NA	Electronic	100.25	100.34

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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Microsoft	06-07-18	15:32-17:30			101	06-07-18 15:58	883.2996218	Other	NA	Electronic	101	101.09
Microsoft	09-07-18	13:32-15:30			102.1	09-07-18 13:40	2623.515962	Other	NA	Electronic	102.1	102.19
Microsoft	10-07-18	13:32-15:30			102.28	10-07-18 13:40	7157.857708	Other	NA	Electronic	102.28	102.38
Microsoft	10-07-18	15:32-17:30			102.21	10-07-18 16:15	894.5563275	Other	NA	Electronic	102.21	102.31
Microsoft	11-07-18	13:32-15:30			101.75	11-07-18 13:52	2684.46047	Other	NA	Electronic	101.66	101.75
Microsoft	11-07-18	15:32-17:30			101.9	11-07-18 17:08	1792.982148	Other	NA	Electronic	101.9	102
Microsoft	12-07-18	15:32-17:30			104.28	12-07-18 16:12	881.3648756	Other	NA	Electronic	104.28	104.37
Microsoft	13-07-18	13:32-15:30			104.14	13-07-18 13:45	2684.46047	Other	NA	Electronic	104.14	104.24
Microsoft	13-07-18	15:30-15:32	104.95	923.5775218								
Microsoft	16-07-18	15:32-17:30			105.11	16-07-18 16:48	1848.738018	Other	NA	Electronic	105.02	105.11
Microsoft	17-07-18	13:32-15:30			105.07	17-07-18 14:32	1848.21036	Other	NA	Electronic	104.98	105.07
Microsoft	17-07-18	15:32-17:30			106.02	17-07-18 17:00	932.3718231	Other	NA	Electronic	105.93	106.02
Microsoft	18-07-18	13:32-15:30			105.2	18-07-18 13:40	932.3718231	Other	NA	Electronic	105.2	105.3
Microsoft	19-07-18	15:32-17:30			104.57	19-07-18 16:54	919.6200862	Other	NA	Electronic	104.48	104.57
Microsoft	20-07-18	13:32-15:30			107.47	20-07-18 13:40	945.1235599	Other	NA	Electronic	107.47	107.58

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Microsoft	20-07-18	15:32-17:30			107.11	20-07-18 15:40	1855.949345	Other	NA	Electronic	107.11	107.2
Microsoft	23-07-18	13:32-15:30			107.45	23-07-18 14:01	944.9476739	Other	NA	Electronic	107.45	107.54
Microsoft	23-07-18	15:32-17:30			107.72	23-07-18 15:39	946.2668191	Other	NA	Electronic	107.72	107.81
Microsoft	24-07-18	13:32-15:30			108.41	24-07-18 13:51	950.0483687	Other	NA	Electronic	108.41	108.5
Microsoft	25-07-18	13:32-15:30			108.16	25-07-18 13:58	951.1916278	Other	NA	Electronic	108.16	108.25
Microsoft	25-07-18	15:30-15:32	109.12	959.6341571								
Microsoft	26-07-18	13:32-15:30			110.12	26-07-18 15:04	968.4284584	Other	NA	Electronic	110.12	110.21
Microsoft	26-07-18	15:32-17:30			110.34	26-07-18 15:56	968.4284584	Other	NA	Electronic	110.25	110.34
Microsoft	27-07-18	13:32-15:30			109.08	27-07-18 14:02	945.0356169	Other	NA	Electronic	109.08	109.17
Microsoft	27-07-18	15:32-17:30			108.04	27-07-18 16:14	960.3377012	Other	NA	Electronic	107.94	108.04
Microsoft	30-07-18	13:32-15:30			106.75	30-07-18 13:40	947.3221353	Other	NA	Electronic	106.66	106.75
Microsoft	30-07-18	15:32-17:30			105.51	30-07-18 16:19	1855.773459	Other	NA	Electronic	105.42	105.51
Microsoft	31-07-18	13:32-15:30			106.73	31-07-18 13:40	938.615777	Other	NA	Electronic	106.63	106.73
Microsoft	01-08-18	13:32-15:30			105.6	01-08-18 13:40	853.3110544	Other	NA	Electronic	105.59	105.68
Microsoft	02-08-18	15:32-17:30			106.85	02-08-18 16:00	936.7689737	Other	NA	Electronic	106.85	106.94

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Microsoft	03-08-18	13:32-15:30			107.67	03-08-18 14:39	2840.647261	Other	NA	Electronic	107.58	107.67
Microsoft	06-08-18	13:32-15:30			107.89	06-08-18 13:40	948.8171665	Other	NA	Electronic	107.89	107.99
Microsoft	06-08-18	15:32-17:30			108.12	06-08-18 17:18	950.8398558	Other	NA	Electronic	108.12	108.22
Microsoft	07-08-18	13:32-15:30			108.7	07-08-18 13:40	955.9405505	Other	NA	Electronic	108.61	108.7
Microsoft	08-08-18	15:32-17:30			109.05	08-08-18 16:12	945.475332	Other	NA	Electronic	109.05	109.14
Microsoft	09-08-18	13:32-15:30			109.92	09-08-18 13:40	955.9405505	Other	NA	Electronic	109.92	110.01
Microsoft	10-08-18	13:32-15:30			109.32	10-08-18 13:55	938.615777	Other	NA	Electronic	109.32	109.42
Microsoft	15-08-18	13:32-15:30			107.86	15-08-18 14:01	900.5364524	Other	NA	Electronic	107.86	107.95
Microsoft	17-08-18	13:32-15:30			107.06	17-08-18 14:00	941.5178964	Other	NA	Electronic	107.06	107.16
Microsoft	17-08-18	15:32-17:30			107.23	17-08-18 15:57	937.9122329	Other	NA	Electronic	107.14	107.23
Microsoft	23-08-18	13:32-15:30			107.92	23-08-18 13:43	949.0809955	Other	NA	Electronic	107.83	107.92
Microsoft	27-08-18	13:32-15:30			109.08	27-08-18 14:29	959.282385	Other	NA	Electronic	108.99	109.08
Microsoft	27-08-18	15:32-17:30			109.06	27-08-18 17:11	959.282385	Other	NA	Electronic	109.06	109.15
Microsoft	29-08-18	13:32-15:30			111.24	29-08-18 14:18	978.2780758	Other	NA	Electronic	111.15	111.24
Microsoft	30-08-18	13:32-15:30			111.75	30-08-18 13:48	982.7631695	Other	NA	Electronic	111.75	111.84

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Microsoft	31-08-18	13:32-15:30			112.67	31-08-18 14:19	990.8539267	Other	NA	Electronic	112.58	112.67
Microsoft	04-09-18	13:32-15:30			111.21	04-09-18 14:07	978.0142468	Other	NA	Electronic	111.21	111.3
Microsoft	05-09-18	13:32-15:30			109.94	05-09-18 14:12	966.8454841	Other	NA	Electronic	109.94	110.03
Microsoft	05-09-18	15:32-17:30			109.21	05-09-18 16:20	982.7631695	Other	NA	Electronic	109.12	109.21
Microsoft	06-09-18	13:32-15:30			108.62	06-09-18 13:40	1910.474013	Other	NA	Electronic	108.53	108.62
Microsoft	07-09-18	13:32-15:30			108.6	07-09-18 14:02	1910.122241	Other	NA	Electronic	108.51	108.6
Microsoft	11-09-18	13:32-15:30			110.22	11-09-18 13:59	969.3078885	Other	NA	Electronic	110.13	110.22
Microsoft	12-09-18	13:32-15:30			111.47	12-09-18 13:40	980.3007651	Other	NA	Electronic	111.36	111.47
Microsoft	12-09-18	15:30-15:32	111.52	980.7404802								
Microsoft	13-09-18	13:32-15:30			113.2	13-09-18 13:40	990.9418697	Other	NA	Electronic	113.2	113.29
Microsoft	13-09-18	15:32-17:30			112.87	13-09-18 15:59	990.0624395	Other	NA	Electronic	112.87	112.96
Microsoft	14-09-18	13:32-15:30			113.4	14-09-18 14:53	992.7886729	Other	NA	Electronic	113.4	113.49
Microsoft	17-09-18	15:32-17:30			112.63	17-09-18 15:47	992.6127869	Other	NA	Electronic	112.54	112.63
Microsoft	18-09-18	13:32-15:30			113.22	18-09-18 14:08	995.6907924	Other	NA	Electronic	113.13	113.22
Microsoft	18-09-18	15:32-17:30			113.39	18-09-18 15:35	997.1858236	Other	NA	Electronic	113.3	113.39

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Microsoft	19-09-18	13:32-15:30			111.89	19-09-18 14:01	983.9943716	Other	NA	Electronic	111.89	111.98
Microsoft	20-09-18	13:32-15:30			112.11	20-09-18 13:40	1910.474013	Other	NA	Electronic	112.11	112.21
Microsoft	20-09-18	15:32-17:30			113.61	20-09-18 15:39	999.1205699	Other	NA	Electronic	113.61	113.7
Microsoft	21-09-18	13:32-15:30			114.25	21-09-18 13:40	978.2780758	Other	NA	Electronic	114.15	114.24
Microsoft	24-09-18	13:32-15:30			113.73	24-09-18 14:40	1000.175886	Other	NA	Electronic	113.64	113.73
Microsoft	24-09-18	15:32-17:30			114.13	24-09-18 16:34	1000.175886	Other	NA	Electronic	114.13	114.22
Microsoft	25-09-18	13:32-15:30			114.62	25-09-18 13:53	1008.002814	Other	NA	Electronic	114.53	114.62
Microsoft	25-09-18	15:32-17:30			113.95	25-09-18 16:46	997.1858236	Other	NA	Electronic	113.95	114.05
Microsoft	26-09-18	13:32-15:30			114.27	26-09-18 14:24	1004.924809	Other	NA	Electronic	114.18	114.27
Microsoft	26-09-18	15:32-17:30			114.66	26-09-18 15:58	1004.924809	Other	NA	Electronic	114.66	114.75
Microsoft	27-09-18	13:32-15:30			114.8	27-09-18 15:17	1008.442529	Other	NA	Electronic	114.8	114.9
Microsoft	27-09-18	15:32-17:30			114.7	27-09-18 15:35	1008.706358	Other	NA	Electronic	114.61	114.7
Microsoft	28-09-18	13:32-15:30			114.21	28-09-18 13:45	1004.397151	Other	NA	Electronic	114.11	114.21
Moncler	04-07-18	13:32-15:30			38.001	04-07-18 14:37	387.99	Other	NA	Electronic	37.919	38.001
Moncler	06-07-18	13:32-15:30			36.669	06-07-18 13:39	366.69	Other	NA	Electronic	36.669	36.761

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Moncler	16-07-18	09:32-11:30			38.701	16-07-18 09:43	783.78	Other	NA	Electronic	38.609	38.701
Moncler	20-07-18	09:32-11:30			38.839	20-07-18 11:18	773.22	Other	NA	Electronic	38.839	38.931
Moncler	25-07-18	13:32-15:30			39.159	25-07-18 13:46	783.18	Other	NA	Electronic	39.159	39.231
Moncler	01-08-18	11:32-13:30			37.729	01-08-18 12:31	401.11	Other	NA	Electronic	37.729	37.811
Moncler	08-08-18	11:32-13:30			37.919	08-08-18 12:40	3791.9	Other	NA	Electronic	37.919	38.001
Moncler	08-08-18	13:32-15:30			37.811	08-08-18 13:46	3791.9	Other	NA	Electronic	37.739	37.811
Moncler	10-08-18	09:32-11:30			37.049	10-08-18 09:59	2963.92	Other	NA	Electronic	37.049	37.131
Moncler	13-08-18	13:32-15:30			37.839	13-08-18 14:05	3805.1	Other	NA	Electronic	37.839	37.921
Moncler	28-09-18	13:32-15:30			37.301	28-09-18 13:56	373.01	Other	NA	Electronic	37.219	37.301
Mondelez	06-07-18	15:32-17:30			42.47	06-07-18 16:51	373.4939759	Other	NA	Electronic	42.41	42.47
Mondelez	09-07-18	15:32-17:30			42.25	09-07-18 16:44	373.4939759	Other	NA	Electronic	42.25	42.31
MorganStanl	11-07-18	13:32-15:30			47.9	11-07-18 14:53	1263.741096	Other	NA	Electronic	47.84	47.9
MorganStanl	13-07-18	13:32-15:30			47.54	13-07-18 13:54	836.1621669	Other	NA	Electronic	47.47	47.54
MorganStanl	16-07-18	13:32-15:30			48.76	16-07-18 13:51	428.810131	Other	NA	Electronic	48.7	48.76
MorganStanl	16-07-18	15:32-17:30			48.92	16-07-18 16:47	1268.490018	Other	NA	Electronic	48.92	48.98



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MorganStanI	17-07-18	13:32-15:30			48.84	17-07-18 14:21	428.810131	Other	NA	Electronic	48.84	48.9
MorganStanI	18-07-18	13:32-15:30			50.93	18-07-18 13:40	433.3831677	Other	NA	Electronic	50.93	51.03
MorganStanI	18-07-18	15:32-17:30			50.24	18-07-18 17:26	433.6469967	Other	NA	Electronic	50.24	50.3
MorganStanI	25-07-18	15:32-17:30			50.68	25-07-18 16:47	898.074048	Other	NA	Electronic	50.68	50.74
MorganStanI	26-07-18	13:32-15:30			51.21	26-07-18 13:42	432.0640225	Other	NA	Electronic	51.21	51.28
MorganStanI	27-07-18	15:32-17:30			51.18	27-07-18 16:20	450.0923402	Other	NA	Electronic	51.12	51.18
MorganStanI	30-07-18	13:32-15:30			51.27	30-07-18 13:57	450.0923402	Other	NA	Electronic	51.27	51.33
MorganStanI	30-07-18	15:32-17:30			50.67	30-07-18 17:14	891.214493	Other	NA	Electronic	50.6	50.67
MorganStanI	31-07-18	13:32-15:30			50.87	31-07-18 13:47	447.3661068	Other	NA	Electronic	50.81	50.87
MorganStanI	31-07-18	15:32-17:30			50.57	31-07-18 16:01	442.7051271	Other	NA	Electronic	50.57	50.63
MorganStanI	01-08-18	13:32-15:30			51.06	01-08-18 13:47	447.3661068	Other	NA	Electronic	51.06	51.12
MorganStanI	02-08-18	15:32-17:30			49.91	02-08-18 17:20	438.9235775	Other	NA	Electronic	49.85	49.91
MorganStanI	06-08-18	15:32-17:30			49.94	06-08-18 17:25	438.9235775	Other	NA	Electronic	49.94	50
MorganStanI	21-08-18	15:32-17:30			48.72	21-08-18 17:25	426.5236127	Other	NA	Electronic	48.72	48.78
MorganStanI	28-08-18	13:32-15:30			50.16	28-08-18 13:40	3528.977223	Other	NA	Electronic	50.16	50.23

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MorganStanI	19-09-18	13:32-15:30			48.58	19-09-18 13:58	3528.977223	Other	NA	Electronic	48.52	48.58
MorganStanI	20-09-18	13:32-15:30			50.07	20-09-18 13:40	4403.306657	Other	NA	Electronic	50.07	50.13
MorganStanI	21-09-18	13:32-15:30			49.87	21-09-18 13:40	3947.146249	Other	NA	Electronic	49.87	49.93
MorganStanI	28-09-18	13:32-15:30			47.07	28-09-18 13:40	3947.146249	Other	NA	Electronic	47	47.07
MorganStanI	28-09-18	15:32-17:30			46.92	28-09-18 17:02	412.6286167	Other	NA	Electronic	46.86	46.92
Morrison	26-07-18	13:32-15:30			2.547	26-07-18 14:40	28.26764925	Other	NA	Electronic	2.547	2.551
Morrison	27-07-18	13:32-15:30			2.572	27-07-18 14:34	28.26764925	Other	NA	Electronic	2.568	2.572
Morrison	14-08-18	13:32-15:30			2.63	14-08-18 13:50	29.18881724	Other	NA	Electronic	2.626	2.63
Morrison	15-08-18	11:32-13:30			2.61	15-08-18 11:41	29.18881724	Other	NA	Electronic	2.61	2.615
Morrison	10-09-18	09:32-11:30			2.679	10-09-18 10:47	29.10002997	Other	NA	Electronic	2.675	2.679
Mota-Engil	01-08-18	11:32-13:30			2.854	01-08-18 12:54	34.16	Other	NA	Electronic	2.854	2.896
Mota-Engil	01-08-18	13:32-15:30			2.854	01-08-18 13:35	34.01	Other	NA	Electronic	2.854	2.896
Motor Oil	18-07-18	09:32-11:30			17.785	18-07-18 10:02	19530.5	Other	NA	Electronic	17.785	17.955
Motor Oil	20-07-18	13:32-15:30			17.915	20-07-18 13:51	358.3	Other	NA	Electronic	17.745	17.915
Motor Oil	13-08-18	11:32-13:30			18.185	13-08-18 12:37	727.4	Other	NA	Electronic	18.185	18.395

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Motor Oil	14-08-18	09:32-11:30			18.755	14-08-18 09:43	1500.4	Other	NA	Electronic	18.525	18.755
Motor Oil	14-08-18	13:30-13:32	19.115	382.3								
Motor Oil	16-08-18	09:32-11:30			19.795	16-08-18 09:53	197.95	Other	NA	Electronic	19.625	19.795
Motor Oil	16-08-18	11:32-13:30			19.675	16-08-18 13:11	196.75	Other	NA	Electronic	19.485	19.675
Motor Oil	16-08-18	13:32-15:30			19.875	16-08-18 13:39	198.75	Other	NA	Electronic	19.705	19.875
Motor Oil	17-08-18	09:32-11:30			19.955	17-08-18 10:03	199.55	Other	NA	Electronic	19.725	19.955
Motor Oil	17-08-18	13:32-15:30			19.955	17-08-18 13:47	399.1	Other	NA	Electronic	19.745	19.955
Motor Oil	20-08-18	09:32-11:30			19.875	20-08-18 10:00	3975	Other	NA	Electronic	19.705	19.875
Motor Oil	20-08-18	11:32-13:30			19.755	20-08-18 11:52	790.2	Other	NA	Electronic	19.565	19.755
Motor Oil	21-08-18	09:32-11:30			19.455	21-08-18 10:17	1945.5	Other	NA	Electronic	19.285	19.455
Motor Oil	22-08-18	09:32-11:30			19.895	22-08-18 09:34	198.95	Other	NA	Electronic	19.725	19.895
Motor Oil	23-08-18	09:32-11:30			19.785	23-08-18 10:15	746.2	Other	NA	Electronic	19.785	19.955
Motor Oil	23-08-18	11:32-13:30			19.765	23-08-18 12:57	1307.25	Other	NA	Electronic	19.765	19.955
Motor Oil	23-08-18	13:30-13:32	19.785	4200.9								
Motor Oil	24-08-18	09:32-11:30			19.865	24-08-18 10:15	26604	Other	NA	Electronic	19.865	20.035

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Motor Oil	24-08-18	13:32-15:30			19.805	24-08-18 13:35	198.95	Other	NA	Electronic	19.805	19.975
Motor Oil	28-08-18	11:32-13:30			20.075	28-08-18 12:34	986.75	Other	NA	Electronic	20.075	20.275
Motor Oil	30-08-18	13:30-13:32	20.075	186.95								
Motor Oil	31-08-18	11:32-13:30			19.695	31-08-18 11:41	1969.5	Other	NA	Electronic	19.525	19.695
Motor Oil	11-09-18	11:32-13:30			20.675	11-09-18 11:59	998.75	Other	NA	Electronic	20.475	20.675
Motor Oil	27-09-18	09:30-09:32	23.075	23075								
Motor Oil	27-09-18	11:32-13:30			23.125	27-09-18 11:56	23075	Other	NA	Electronic	23.125	23.325
Motor Oil	28-09-18	09:32-11:30			23.425	28-09-18 10:33	46850	Other	NA	Electronic	23.425	23.625
Motorola	25-07-18	15:32-17:30			123.08	25-07-18 16:43	1082.402603	Other	NA	Electronic	123.08	123.29
Motorola	26-07-18	13:32-15:30			125.64	26-07-18 15:27	1082.402603	Other	NA	Electronic	125.06	125.64
Motorola	03-08-18	13:32-15:30			118.2	03-08-18 13:40	815.1437868	Other	NA	Electronic	118.2	119.05
Motorola	06-09-18	13:32-15:30			127.18	06-09-18 15:17	1118.459238	Other	NA	Electronic	127.18	127.39
Motorola	11-09-18	13:32-15:30			127.94	11-09-18 13:47	1118.459238	Other	NA	Electronic	127.68	127.94
MRG	08-08-18	09:32-11:30			182.01	08-08-18 10:55	3626	Other	NA	Electronic	182.01	182.45
MRG	10-08-18	13:32-15:30			181.95	10-08-18 15:16	18101	Other	NA	Electronic	181.46	181.95

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Mytan	08-08-18	13:32-15:30			35.76	08-08-18 13:53	2515.873714	Other	NA	Electronic	35.68	35.76
Mytilineos	04-07-18	11:32-13:30			8.195	04-07-18 13:18	1301.25	Other	NA	Electronic	8.195	8.275
Mytilineos	06-07-18	11:32-13:30			8.405	06-07-18 12:38	840.5	Other	NA	Electronic	8.315	8.405
Mytilineos	06-07-18	13:32-15:30			8.365	06-07-18 13:37	1418.65	Other	NA	Electronic	8.365	8.445
Mytilineos	09-07-18	11:32-13:30			8.485	09-07-18 11:33	4242.5	Other	NA	Electronic	8.405	8.485
Mytilineos	09-07-18	13:32-15:30			8.485	09-07-18 13:40	4242.5	Other	NA	Electronic	8.405	8.485
Mytilineos	11-07-18	11:32-13:30			8.425	11-07-18 13:24	1263.75	Other	NA	Electronic	8.345	8.425
Mytilineos	13-07-18	09:32-11:30			8.415	13-07-18 11:20	1683	Other	NA	Electronic	8.325	8.415
Mytilineos	13-07-18	11:32-13:30			8.395	13-07-18 11:38	839.5	Other	NA	Electronic	8.315	8.395
Mytilineos	13-07-18	13:32-15:30			8.395	13-07-18 13:43	1675	Other	NA	Electronic	8.395	8.475
Mytilineos	16-07-18	13:32-15:30			8.605	16-07-18 13:54	9465.5	Other	NA	Electronic	8.525	8.605
Mytilineos	17-07-18	09:32-11:30			8.625	17-07-18 10:04	9465.5	Other	NA	Electronic	8.625	8.705
Mytilineos	17-07-18	11:32-13:30			8.605	17-07-18 13:25	770	Other	NA	Electronic	8.605	8.685
Mytilineos	17-07-18	13:30-13:32	8.605	1060.95								
Mytilineos	18-07-18	09:32-11:30			8.685	18-07-18 09:32	9542.5	Other	NA	Electronic	8.685	8.765

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Mytilineos	18-07-18	11:32-13:30			8.725	18-07-18 13:23	906.5	Other	NA	Electronic	8.725	8.805
Mytilineos	18-07-18	13:30-13:32	8.735	1346.2								
Mytilineos	25-07-18	09:30-09:32	8.655	372.2								
Mytilineos	25-07-18	13:32-15:30			8.615	25-07-18 13:54	376.6	Other	NA	Electronic	8.615	8.695
Mytilineos	26-07-18	09:32-11:30			8.685	26-07-18 09:44	465.25	Other	NA	Electronic	8.685	8.775
Mytilineos	27-07-18	11:32-13:30			8.555	27-07-18 13:28	498.15	Other	NA	Electronic	8.555	8.635
Mytilineos	27-07-18	13:32-15:30			8.545	27-07-18 13:49	370.6	Other	NA	Electronic	8.545	8.625
Mytilineos	31-07-18	09:32-11:30			8.615	31-07-18 10:46	4607.5	Other	NA	Electronic	8.615	8.695
Mytilineos	31-07-18	11:32-13:30			8.605	31-07-18 11:38	2173.75	Other	NA	Electronic	8.605	8.685
Mytilineos	01-08-18	11:32-13:30			8.445	01-08-18 12:15	84.45	Other	NA	Electronic	8.445	8.535
Mytilineos	02-08-18	13:32-15:30			8.695	02-08-18 13:54	84.45	Other	NA	Electronic	8.595	8.695
Mytilineos	13-08-18	09:32-11:30			8.295	13-08-18 09:54	375.8	Other	NA	Electronic	8.295	8.415
Mytilineos	13-08-18	11:32-13:30			8.345	13-08-18 12:42	3462	Other	NA	Electronic	8.345	8.435
Mytilineos	13-08-18	13:32-15:30			8.285	13-08-18 13:51	371	Other	NA	Electronic	8.285	8.385
Mytilineos	14-08-18	09:32-11:30			8.335	14-08-18 10:30	4167.5	Other	NA	Electronic	8.235	8.335

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Mytilineos	14-08-18	11:32-13:30			8.345	14-08-18 12:49	333.8	Other	NA	Electronic	8.265	8.345
Mytilineos	16-08-18	11:32-13:30			7.965	16-08-18 13:17	1013.6	Other	NA	Electronic	7.965	8.045
Mytilineos	21-08-18	09:32-11:30			7.905	21-08-18 10:16	456.15	Other	NA	Electronic	7.905	8.005
Mytilineos	21-08-18	11:32-13:30			7.835	21-08-18 12:23	2350.5	Other	NA	Electronic	7.755	7.835
Mytilineos	24-08-18	11:32-13:30			8.095	24-08-18 12:32	8095	Other	NA	Electronic	8.015	8.095
Mytilineos	28-08-18	09:32-11:30			8.235	28-08-18 10:50	411.75	Other	NA	Electronic	8.155	8.235
Mytilineos	29-08-18	09:32-11:30			8.345	29-08-18 09:40	4167.5	Other	NA	Electronic	8.345	8.425
Mytilineos	29-08-18	11:32-13:30			8.415	29-08-18 12:25	2306.25	Other	NA	Electronic	8.415	8.535
Mytilineos	30-08-18	09:30-09:32	8.615	419.25								
Mytilineos	30-08-18	11:32-13:30			8.715	30-08-18 12:29	871.5	Other	NA	Electronic	8.635	8.715
Mytilineos	31-08-18	13:32-15:30			8.645	31-08-18 13:51	1296.75	Other	NA	Electronic	8.645	8.735
Mytilineos	03-09-18	11:32-13:30			8.625	03-09-18 11:58	428.75	Other	NA	Electronic	8.625	8.715
Mytilineos	03-09-18	13:32-15:30			8.745	03-09-18 13:41	1296.75	Other	NA	Electronic	8.655	8.745
Mytilineos	06-09-18	09:32-11:30			8.595	06-09-18 10:05	4047.5	Other	NA	Electronic	8.595	8.685
Mytilineos	11-09-18	13:32-15:30			8.545	11-09-18 13:32	3001.8	Other	NA	Electronic	8.545	8.625

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Mytilineos	12-09-18	13:32-15:30			8.525	12-09-18 13:52	596.75	Other	NA	Electronic	8.445	8.525
Mytilineos	13-09-18	09:32-11:30			8.425	13-09-18 09:33	421.25	Other	NA	Electronic	8.345	8.425
Mytilineos	13-09-18	11:32-13:30			8.435	13-09-18 12:28	6748	Other	NA	Electronic	8.355	8.435
Mytilineos	18-09-18	09:32-11:30			8.415	18-09-18 09:53	420.75	Other	NA	Electronic	8.335	8.415
Mytilineos	19-09-18	11:32-13:30			8.485	19-09-18 11:55	420.75	Other	NA	Electronic	8.485	8.575
Mytilineos	21-09-18	09:32-11:30			8.565	21-09-18 11:08	5133	Other	NA	Electronic	8.565	8.655
Mytilineos	21-09-18	11:32-13:30			8.595	21-09-18 11:45	5151	Other	NA	Electronic	8.595	8.675
Mytilineos	28-09-18	13:32-15:30			8.555	28-09-18 13:40	8555	Other	NA	Electronic	8.475	8.555
Nasdaq	10-07-18	13:32-15:30			90.9	10-07-18 13:40	799.4019875	Other	NA	Electronic	90.66	90.9
Nasdaq	11-07-18	13:32-15:30			91.26	11-07-18 14:54	802.567936	Other	NA	Electronic	91.1	91.26
Nasdaq	11-07-18	15:32-17:30			91.26	11-07-18 15:54	802.567936	Other	NA	Electronic	91.26	91.42
Nasdaq	12-07-18	13:32-15:30			92.33	12-07-18 14:18	811.9778384	Other	NA	Electronic	92.17	92.33
Nasdaq	12-07-18	15:32-17:30			92.86	12-07-18 16:14	816.638818	Other	NA	Electronic	92.77	92.86
Nasdaq	13-07-18	13:32-15:30			93	13-07-18 13:40	822.6189429	Other	NA	Electronic	93	93.21
Nasdaq	19-07-18	13:32-15:30			95.07	19-07-18 13:51	1657.90168	Other	NA	Electronic	95.07	95.33



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Nasdaq	20-07-18	13:32-15:30			94.59	20-07-18 13:40	829.4784979	Other	NA	Electronic	94.59	94.86
Nasdaq	24-07-18	13:32-15:30			95.64	24-07-18 14:09	1682.173951	Other	NA	Electronic	95.5	95.64
Nasdaq	25-07-18	15:32-17:30			94.06	25-07-18 16:10	827.1919796	Other	NA	Electronic	93.92	94.06
Nasdaq	26-07-18	13:32-15:30			93.92	26-07-18 13:43	827.1919796	Other	NA	Electronic	93.92	94.11
Nasdaq	31-07-18	15:32-17:30			90.95	31-07-18 15:39	1599.683405	Other	NA	Electronic	90.8	90.95
Nasdaq	02-08-18	15:32-17:30			90.75	02-08-18 15:54	1599.683405	Other	NA	Electronic	90.75	90.89
Nasdaq	03-08-18	15:32-17:30			91.7	03-08-18 15:53	2419.312286	Other	NA	Electronic	91.58	91.7
Nasdaq	06-08-18	15:32-17:30			91.94	06-08-18 16:33	808.5480609	Other	NA	Electronic	91.82	91.94
Nasdaq	13-08-18	13:32-15:30			92.79	13-08-18 13:48	811.9778384	Other	NA	Electronic	92.79	92.98
Nasdaq	15-08-18	13:32-15:30			92.2	15-08-18 14:53	2419.312286	Other	NA	Electronic	92.2	92.35
Nasdaq	15-08-18	15:32-17:30			92.25	15-08-18 16:13	811.2742943	Other	NA	Electronic	92.25	92.37
Nasdaq	16-08-18	15:32-17:30			92.76	16-08-18 15:44	815.7593879	Other	NA	Electronic	92.64	92.76
Nasdaq	23-08-18	13:32-15:30			93.08	23-08-18 15:21	1625.010993	Other	NA	Electronic	93.08	93.24
Nasdaq	24-08-18	15:32-17:30			94.03	24-08-18 15:32	826.9281506	Other	NA	Electronic	93.93	94.03
Nasdaq	29-08-18	13:32-15:30			94.88	29-08-18 14:24	820.3324246	Other	NA	Electronic	94.88	95.04

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nasdaq	29-08-18	15:32-17:30			95.09	29-08-18 16:01	2508.75033	Other	NA	Electronic	94.92	95.09
Nasdaq	31-08-18	13:32-15:30			94.42	31-08-18 13:54	830.3579281	Other	NA	Electronic	94.21	94.42
Nasdaq	04-09-18	13:32-15:30			95.54	04-09-18 13:58	2508.75033	Other	NA	Electronic	95.54	95.71
Nasdaq	05-09-18	13:32-15:30			96	05-09-18 13:52	844.2529241	Other	NA	Electronic	95.84	96
Nasdaq	12-09-18	13:32-15:30			92.58	12-09-18 13:56	814.1764137	Other	NA	Electronic	92.58	92.8
Nasdaq	12-09-18	15:32-17:30			91.8	12-09-18 15:48	814.1764137	Other	NA	Electronic	91.62	91.8
Nasdaq	17-09-18	13:32-15:30			90.02	17-09-18 13:46	791.6630024	Other	NA	Electronic	90.02	90.28
Nasdaq	17-09-18	15:30-15:32	89.84	791.6630024								
Nasdaq	19-09-18	13:32-15:30			89.64	19-09-18 14:49	788.3211679	Other	NA	Electronic	89.64	89.78
Nasdaq	21-09-18	15:32-17:30			90.32	21-09-18 17:20	794.3012928	Other	NA	Electronic	90.22	90.32
Nasdaq	27-09-18	13:32-15:30			86.65	27-09-18 13:40	756.8375693	Other	NA	Electronic	86.35	86.65
National Grid	11-09-18	11:32-13:30			8.042	11-09-18 12:12	88.82057201	Other	NA	Electronic	8.028	8.042
NaturgyEnergy	13-07-18	09:32-11:30			23.42	13-07-18 10:25	2576.2	Other	NA	Electronic	23.41	23.42
NaturgyEnergy	15-08-18	13:32-15:30			23.021	15-08-18 14:30	234.2	Other	NA	Electronic	23.021	23.069
Navigator	13-07-18	11:32-13:30			5.098	13-07-18 12:42	50.98	Other	NA	Electronic	5.072	5.098

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Navigator	25-07-18	09:32-11:30			5.077	25-07-18 09:36	51.28	Other	NA	Electronic	5.077	5.108
Navigator	31-07-18	09:32-11:30			4.898	31-07-18 11:10	48.98	Other	NA	Electronic	4.874	4.898
Navigator	02-08-18	11:32-13:30			4.8	02-08-18 11:48	48	Other	NA	Electronic	4.774	4.8
Navigator	13-09-18	09:32-11:30			4.318	13-09-18 09:43	43.16	Other	NA	Electronic	4.318	4.34
Navigator	18-09-18	09:32-11:30			4.296	18-09-18 10:45	42.8	Other	NA	Electronic	4.296	4.318
NBG	03-07-18	09:32-11:30			0.264	03-07-18 09:53	2.64	Other	NA	Electronic	0.261	0.264
NBG	03-07-18	11:32-13:30			0.265	03-07-18 12:28	2.65	Other	NA	Electronic	0.262	0.265
NBG	05-07-18	11:32-13:30			0.269	05-07-18 12:02	2.65	Other	NA	Electronic	0.269	0.272
NBG	06-07-18	09:32-11:30			0.261	06-07-18 09:51	13.05	Other	NA	Electronic	0.257	0.261
NBG	06-07-18	11:32-13:30			0.257	06-07-18 12:56	2.65	Other	NA	Electronic	0.257	0.26
NBG	09-07-18	09:32-11:30			0.261	09-07-18 09:51	13.05	Other	NA	Electronic	0.258	0.261
NBG	09-07-18	11:32-13:30			0.259	09-07-18 11:58	129.5	Other	NA	Electronic	0.259	0.262
NBG	11-07-18	09:32-11:30			0.259	11-07-18 09:53	2.59	Other	NA	Electronic	0.256	0.259
NBG	11-07-18	11:32-13:30			0.258	11-07-18 13:26	25.8	Other	NA	Electronic	0.255	0.258
NBG	12-07-18	09:32-11:30			0.26	12-07-18 10:33	12.9	Other	NA	Electronic	0.26	0.263

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NBG	16-07-18	09:32-11:30			0.263	16-07-18 09:48	13.15	Other	NA	Electronic	0.26	0.263
NBG	17-07-18	09:32-11:30			0.261	17-07-18 11:11	10.44	Other	NA	Electronic	0.258	0.261
NBG	17-07-18	11:32-13:30			0.261	17-07-18 12:26	2.61	Other	NA	Electronic	0.257	0.261
NBG	18-07-18	09:32-11:30			0.258	18-07-18 10:57	25.9	Other	NA	Electronic	0.258	0.261
NBG	23-07-18	09:32-11:30			0.261	23-07-18 10:02	13.05	Other	NA	Electronic	0.257	0.261
NBG	25-07-18	13:32-15:30			0.262	25-07-18 13:36	2.62	Other	NA	Electronic	0.259	0.262
NBG	27-07-18	09:32-11:30			0.266	27-07-18 10:27	10.64	Other	NA	Electronic	0.263	0.266
NBG	27-07-18	11:32-13:30			0.266	27-07-18 11:42	7.98	Other	NA	Electronic	0.263	0.266
NBG	31-07-18	11:32-13:30			0.273	31-07-18 12:45	2192	Other	NA	Electronic	0.273	0.276
NBG	01-08-18	09:32-11:30			0.272	01-08-18 09:38	2.61	Other	NA	Electronic	0.272	0.275
NBG	01-08-18	11:32-13:30			0.272	01-08-18 12:30	281	Other	NA	Electronic	0.272	0.275
NBG	02-08-18	11:32-13:30			0.272	02-08-18 12:00	92.1	Other	NA	Electronic	0.272	0.275
NBG	02-08-18	13:32-15:30			0.274	02-08-18 13:47	274	Other	NA	Electronic	0.274	0.277
NBG	03-08-18	09:32-11:30			0.275	03-08-18 10:57	140.25	Other	NA	Electronic	0.275	0.278
NBG	03-08-18	11:32-13:30			0.276	03-08-18 11:51	71.76	Other	NA	Electronic	0.276	0.279

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NBG	03-08-18	13:32-15:30			0.277	03-08-18 13:43	277	Other	NA	Electronic	0.277	0.28
NBG	06-08-18	11:32-13:30			0.277	06-08-18 12:41	137	Other	NA	Electronic	0.274	0.277
NBG	07-08-18	11:32-13:30			0.274	07-08-18 12:22	137	Other	NA	Electronic	0.274	0.277
NBG	08-08-18	09:32-11:30			0.272	08-08-18 11:22	10.88	Other	NA	Electronic	0.269	0.272
NBG	08-08-18	11:32-13:30			0.271	08-08-18 12:20	10.84	Other	NA	Electronic	0.268	0.271
NBG	08-08-18	13:32-15:30			0.27	08-08-18 13:43	10.8	Other	NA	Electronic	0.267	0.27
NBG	09-08-18	09:32-11:30			0.267	09-08-18 10:38	140.76	Other	NA	Electronic	0.264	0.267
NBG	09-08-18	11:32-13:30			0.266	09-08-18 12:44	141.27	Other	NA	Electronic	0.263	0.266
NBG	09-08-18	13:32-15:30			0.264	09-08-18 13:44	371.25	Other	NA	Electronic	0.261	0.264
NBG	10-08-18	13:32-15:30			0.258	10-08-18 13:34	369.9	Other	NA	Electronic	0.255	0.258
NBG	13-08-18	11:30-11:32	0.241	27.6								
NBG	14-08-18	09:32-11:30			0.242	14-08-18 09:49	27.7	Other	NA	Electronic	0.239	0.242
NBG	17-08-18	09:32-11:30			0.239	17-08-18 11:06	7.17	Other	NA	Electronic	0.235	0.239
NBG	17-08-18	11:32-13:30			0.236	17-08-18 12:04	2.36	Other	NA	Electronic	0.233	0.236
NBG	20-08-18	11:32-13:30			0.232	20-08-18 11:58	232	Other	NA	Electronic	0.232	0.235

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NBG	22-08-18	09:32-11:30			0.231	22-08-18 11:06	4.62	Other	NA	Electronic	0.228	0.231
NBG	23-08-18	09:32-11:30			0.236	23-08-18 09:52	4.62	Other	NA	Electronic	0.236	0.239
NBG	23-08-18	13:32-15:30			0.239	23-08-18 13:38	740.9	Other	NA	Electronic	0.236	0.239
NBG	24-08-18	11:32-13:30			0.241	24-08-18 13:11	2.41	Other	NA	Electronic	0.238	0.241
NBG	27-08-18	11:32-13:30			0.243	27-08-18 12:19	7.17	Other	NA	Electronic	0.243	0.246
NBG	28-08-18	13:32-15:30			0.242	28-08-18 13:51	409.5	Other	NA	Electronic	0.239	0.242
NBG	03-09-18	11:32-13:30			2.263	03-09-18 12:14	2.263	Other	NA	Electronic	2.263	2.289
NBG	04-09-18	11:32-13:30			2.214	04-09-18 11:37	8.856	Other	NA	Electronic	2.188	2.214
NBG	05-09-18	09:32-11:30			2.085	05-09-18 10:07	1064	Other	NA	Electronic	2.059	2.085
NBG	05-09-18	11:32-13:30			2.132	05-09-18 11:43	1066	Other	NA	Electronic	2.132	2.158
NBG	06-09-18	09:32-11:30			1.96	06-09-18 11:04	30.8	Other	NA	Electronic	1.96	1.986
NBG	06-09-18	11:32-13:30			1.98	06-09-18 12:23	26.3	Other	NA	Electronic	1.98	2.006
NBG	11-09-18	11:32-13:30			1.881	11-09-18 13:17	0.236	Other	NA	Electronic	1.881	1.907
NBG	12-09-18	09:32-11:30			1.918	12-09-18 10:13	19.18	Other	NA	Electronic	1.888	1.918
NBG	13-09-18	09:32-11:30			1.762	13-09-18 09:36	28.9	Other	NA	Electronic	1.762	1.788

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NBG	13-09-18	11:32-13:30			1.702	13-09-18 12:43	28.9	Other	NA	Electronic	1.702	1.738
NBG	13-09-18	13:32-15:30			1.739	13-09-18 13:49	1.739	Other	NA	Electronic	1.713	1.739
NBG	14-09-18	09:32-11:30			1.782	14-09-18 10:40	17.82	Other	NA	Electronic	1.756	1.782
NBG	14-09-18	11:32-13:30			1.776	14-09-18 13:17	5.328	Other	NA	Electronic	1.75	1.776
NBG	17-09-18	09:32-11:30			1.746	17-09-18 09:37	5.328	Other	NA	Electronic	1.746	1.772
NBG	17-09-18	11:32-13:30			1.798	17-09-18 12:19	17.98	Other	NA	Electronic	1.772	1.798
NBG	17-09-18	13:32-15:30			1.776	17-09-18 13:52	28.1	Other	NA	Electronic	1.776	1.802
NBG	18-09-18	11:32-13:30			1.807	18-09-18 11:46	18.07	Other	NA	Electronic	1.781	1.807
NBG	19-09-18	09:32-11:30			1.826	19-09-18 10:42	18.26	Other	NA	Electronic	1.8	1.826
NBG	19-09-18	11:32-13:30			1.839	19-09-18 12:12	18.39	Other	NA	Electronic	1.813	1.839
NBG	20-09-18	09:32-11:30			1.732	20-09-18 10:51	17.32	Other	NA	Electronic	1.706	1.732
NBG	25-09-18	09:32-11:30			1.753	25-09-18 10:57	17.53	Other	NA	Electronic	1.727	1.753
NBG	27-09-18	09:32-11:30			1.708	27-09-18 10:40	3.416	Other	NA	Electronic	1.708	1.734
NBG	27-09-18	11:32-13:30			1.778	27-09-18 12:19	17.78	Other	NA	Electronic	1.752	1.778
NBG	28-09-18	09:32-11:30			1.808	28-09-18 10:07	1.808	Other	NA	Electronic	1.782	1.808

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NBG	28-09-18	11:32-13:30			1.779	28-09-18 11:42	17.79	Other	NA	Electronic	1.751	1.779
Neste	20-07-18	13:32-15:30			67.018	20-07-18 14:16	670.18	Other	NA	Electronic	66.862	67.018
Neste	03-08-18	13:32-15:30			70.662	03-08-18 13:42	673.18	Other	NA	Electronic	70.662	70.818
Nestle	02-07-18	13:32-15:30			77.41	02-07-18 13:47	682.8802039	Other	NA	Electronic	77.41	77.58
Nestle	03-07-18	09:32-11:30			78.84	03-07-18 10:27	686.6857831	Other	NA	Electronic	78.65	78.84
Nestle	19-07-18	13:32-15:30			80.31	19-07-18 13:41	704.4746531	Other	NA	Electronic	80.31	80.48
Nestle	20-07-18	09:32-11:30			80.74	20-07-18 09:42	714.5638629	Other	NA	Electronic	80.57	80.74
Nestle	25-07-18	09:32-11:30			80.04	25-07-18 10:11	708.3687341	Other	NA	Electronic	79.87	80.04
Nestle	25-07-18	13:32-15:30			79.47	25-07-18 13:37	708.3687341	Other	NA	Electronic	79.47	79.64
Nestle	07-09-18	13:32-15:30			80.68	07-09-18 13:57	714.0328519	Other	NA	Electronic	80.51	80.68
Nestle	11-09-18	09:32-11:30			81.15	11-09-18 10:20	714.0328519	Other	NA	Electronic	81.15	81.32
NetApp	05-09-18	13:32-15:30			86.7	05-09-18 13:48	765.9836426	Other	NA	Electronic	86.58	86.7
NetApp	24-09-18	13:32-15:30			87.26	24-09-18 14:23	767.3907308	Other	NA	Electronic	87.12	87.26
NetEase	09-08-18	13:32-15:30			234.83	09-08-18 14:12	4130.331545	Other	NA	Electronic	233.33	234.83
NetEase	09-08-18	15:32-17:30			227.04	09-08-18 15:49	3993.316331	Other	NA	Electronic	226.11	227.04



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NetEase	10-08-18	15:32-17:30			224.06	10-08-18 16:11	3963.415707	Other	NA	Electronic	224.06	225.89
NetEase	13-08-18	13:32-15:30			214.75	13-08-18 15:29	3777.152405	Other	NA	Electronic	213.54	214.75
NetEase	30-08-18	15:32-17:30			196.91	30-08-18 15:44	1731.685868	Other	NA	Electronic	195.88	196.91
Netflix	02-07-18	13:32-15:30			387.53	02-07-18 13:40	3460.381673	Other	NA	Electronic	386.94	387.53
Netflix	03-07-18	13:32-15:30			396.03	03-07-18 13:49	3482.807141	Other	NA	Electronic	395.38	396.03
Netflix	03-07-18	15:32-17:30			393.85	03-07-18 15:47	3499.780142	Other	NA	Electronic	393.85	394.38
Netflix	05-07-18	13:32-15:30			393.22	05-07-18 14:42	3443.408671	Other	NA	Electronic	392.55	393.22
Netflix	05-07-18	15:32-17:30			398.24	05-07-18 17:11	7004.485094	Other	NA	Electronic	397.81	398.24
Netflix	06-07-18	13:32-15:30			402.07	06-07-18 13:42	3535.924721	Other	NA	Electronic	402.07	402.68
Netflix	06-07-18	15:30-15:32	404.38	6962.62422								
Netflix	09-07-18	13:32-15:30			416.27	09-07-18 13:40	18102.18978	Other	NA	Electronic	416.27	416.86
Netflix	09-07-18	15:32-17:30			414.37	09-07-18 15:48	3639.52159	Other	NA	Electronic	414.37	414.86
Netflix	10-07-18	13:32-15:30			415.28	10-07-18 13:40	3571.453698	Other	NA	Electronic	415.28	415.83
Netflix	11-07-18	15:32-17:30			416.92	11-07-18 16:45	3647.964119	Other	NA	Electronic	416.92	417.44
Netflix	12-07-18	13:32-15:30			413.8	12-07-18 14:01	3654.12013	Other	NA	Electronic	413.8	414.24

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Netflix	12-07-18	15:32-17:30			411.23	12-07-18 16:01	3616.480521	Other	NA	Electronic	410.71	411.23
Netflix	13-07-18	13:32-15:30			402.29	13-07-18 13:42	3357.048632	Other	NA	Electronic	402.29	403.28
Netflix	13-07-18	15:32-17:30			401.01	13-07-18 16:02	17633.01381	Other	NA	Electronic	400.51	401.01
Netflix	16-07-18	13:32-15:30			401.28	16-07-18 13:41	7057.954446	Other	NA	Electronic	401.28	401.97
Netflix	16-07-18	15:32-17:30			396.13	16-07-18 15:32	17274.64603	Other	NA	Electronic	395.64	396.13
Netflix	17-07-18	13:32-15:30			351.38	17-07-18 13:40	7050.919004	Other	NA	Electronic	351.38	351.83
Netflix	17-07-18	15:32-17:30			372.36	17-07-18 15:49	9610.764225	Other	NA	Electronic	371.98	372.36
Netflix	18-07-18	13:32-15:30			377.54	18-07-18 13:40	6640.40102	Other	NA	Electronic	376.89	377.54
Netflix	18-07-18	15:32-17:30			379.48	18-07-18 15:33	6640.40102	Other	NA	Electronic	379.48	380.02
Netflix	19-07-18	13:32-15:30			373.81	19-07-18 13:41	3331.545159	Other	NA	Electronic	373.81	374.45
Netflix	19-07-18	15:32-17:30			370.83	19-07-18 15:50	3193.034913	Other	NA	Electronic	370.83	371.34
Netflix	20-07-18	13:32-15:30			367.33	20-07-18 13:40	3207.369624	Other	NA	Electronic	367.33	367.89
Netflix	20-07-18	15:32-17:30			364.72	20-07-18 15:41	6410.166212	Other	NA	Electronic	364.72	365.24
Netflix	23-07-18	13:32-15:30			354.8	23-07-18 13:42	3623.779791	Other	NA	Electronic	354.8	355.79
Netflix	23-07-18	15:32-17:30			358.68	23-07-18 15:50	9463.019963	Other	NA	Electronic	358.19	358.68

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Netflix	24-07-18	13:32-15:30			363.83	24-07-18 13:40	3179.403746	Other	NA	Electronic	363.83	364.42
Netflix	24-07-18	15:32-17:30			355.69	24-07-18 17:03	6256.090054	Other	NA	Electronic	355.3	355.69
Netflix	25-07-18	13:32-15:30			356.3	25-07-18 14:10	3133.409551	Other	NA	Electronic	355.74	356.3
Netflix	25-07-18	15:32-17:30			358.87	25-07-18 15:46	3156.010905	Other	NA	Electronic	358.37	358.87
Netflix	26-07-18	13:32-15:30			358.71	26-07-18 13:44	24444.9037	Other	NA	Electronic	358.71	359.6
Netflix	26-07-18	15:32-17:30			363.92	26-07-18 15:36	3181.954094	Other	NA	Electronic	363.92	364.45
Netflix	27-07-18	15:32-17:30			354	27-07-18 16:50	3148.27192	Other	NA	Electronic	354	354.6
Netflix	30-07-18	13:32-15:30			345.85	30-07-18 13:40	3185.471814	Other	NA	Electronic	345.85	346.78
Netflix	30-07-18	15:32-17:30			337.03	30-07-18 16:15	2999.824114	Other	NA	Electronic	337.03	337.57
Netflix	31-07-18	13:32-15:30			338.76	31-07-18 13:41	2979.157506	Other	NA	Electronic	338.33	338.76
Netflix	31-07-18	15:32-17:30			338.49	31-07-18 15:38	2976.783045	Other	NA	Electronic	337.91	338.49
Netflix	01-08-18	13:32-15:30			337.02	01-08-18 13:40	3142.995339	Other	NA	Electronic	337.02	337.94
Netflix	02-08-18	13:32-15:30			337.37	02-08-18 13:40	3689.649107	Other	NA	Electronic	337.37	337.97
Netflix	02-08-18	15:32-17:30			338.82	02-08-18 15:52	2968.516401	Other	NA	Electronic	338.82	339.34
Netflix	03-08-18	15:32-17:30			340.93	03-08-18 16:01	2998.24114	Other	NA	Electronic	340.46	340.93

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Netflix	06-08-18	15:32-17:30			345.94	06-08-18 15:34	15211.50295	Other	NA	Electronic	345.44	345.94
Netflix	07-08-18	13:32-15:30			356.65	07-08-18 13:44	3136.487556	Other	NA	Electronic	355.96	356.65
Netflix	08-08-18	13:32-15:30			349.04	08-08-18 13:46	3136.487556	Other	NA	Electronic	349.04	349.84
Netflix	09-08-18	13:32-15:30			349.75	09-08-18 13:40	3075.806877	Other	NA	Electronic	348.98	349.75
Netflix	09-08-18	15:32-17:30			348.55	09-08-18 15:50	3088.030956	Other	NA	Electronic	348.55	349.1
Netflix	13-08-18	13:32-15:30			343.12	13-08-18 13:40	6035.001319	Other	NA	Electronic	342.44	343.12
Netflix	13-08-18	15:32-17:30			341.68	13-08-18 15:37	3664.409463	Other	NA	Electronic	341.68	342.19
Netflix	14-08-18	13:32-15:30			340.25	14-08-18 13:40	6035.001319	Other	NA	Electronic	340.25	341.01
Netflix	15-08-18	13:32-15:30			324.79	15-08-18 14:20	2856.301117	Other	NA	Electronic	324.07	324.79
Netflix	15-08-18	15:32-17:30			323.66	15-08-18 16:13	5680.590977	Other	NA	Electronic	323.66	324.08
Netflix	16-08-18	15:32-17:30			326.99	16-08-18 16:24	2856.301117	Other	NA	Electronic	326.99	327.41
Netflix	17-08-18	13:32-15:30			318.89	17-08-18 13:49	2804.414739	Other	NA	Electronic	318.39	318.98
Netflix	17-08-18	15:32-17:30			316.74	17-08-18 15:33	5571.013983	Other	NA	Electronic	316.28	316.74
Netflix	20-08-18	13:32-15:30			312.25	20-08-18 13:44	2746.020579	Other	NA	Electronic	312.25	312.94
Netflix	20-08-18	15:32-17:30			326.14	20-08-18 15:51	5736.346847	Other	NA	Electronic	325.57	326.14

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Netflix	21-08-18	13:32-15:30			339.11	21-08-18 14:30	5964.471023	Other	NA	Electronic	338.55	339.11
Netflix	22-08-18	13:32-15:30			342.22	22-08-18 14:00	6019.171577	Other	NA	Electronic	341.49	342.22
Netflix	23-08-18	13:32-15:30			349.25	23-08-18 14:00	6142.819453	Other	NA	Electronic	348.63	349.25
Netflix	24-08-18	13:32-15:30			348.67	24-08-18 14:00	6132.618063	Other	NA	Electronic	348.01	348.67
Netflix	27-08-18	13:32-15:30			368.42	27-08-18 13:46	6479.992965	Other	NA	Electronic	367.75	368.42
Netflix	30-08-18	13:32-15:30			366.96	30-08-18 13:51	6454.313605	Other	NA	Electronic	366.23	366.96
Netflix	30-08-18	15:32-17:30			372.28	30-08-18 15:52	3273.942485	Other	NA	Electronic	371.83	372.28
Netflix	31-08-18	13:32-15:30			373.56	31-08-18 14:29	3273.942485	Other	NA	Electronic	373.56	374.07
Netflix	31-08-18	15:32-17:30			373.12	31-08-18 15:43	6562.659397	Other	NA	Electronic	372.53	373.12
Netflix	04-09-18	13:32-15:30			366.52	04-09-18 14:24	2976.783045	Other	NA	Electronic	366.52	367.25
Netflix	04-09-18	15:32-17:30			364.81	04-09-18 15:46	3208.249055	Other	NA	Electronic	364.31	364.81
Netflix	05-09-18	13:32-15:30			354.3	05-09-18 14:00	6132.618063	Other	NA	Electronic	354.3	355.17
Netflix	06-09-18	13:32-15:30			355.86	06-09-18 14:00	6259.080116	Other	NA	Electronic	354.94	355.86
Netflix	11-09-18	15:32-17:30			355.59	11-09-18 16:00	6254.331193	Other	NA	Electronic	355.05	355.59
Netflix	12-09-18	13:32-15:30			359.94	12-09-18 14:19	3165.420807	Other	NA	Electronic	359.42	359.94

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Netflix	17-09-18	13:32-15:30			355.86	17-09-18 15:00	6254.331193	Other	NA	Electronic	355.86	356.5
Netflix	17-09-18	15:32-17:30			356.93	17-09-18 16:00	6277.899921	Other	NA	Electronic	356.43	356.93
Netflix	18-09-18	13:32-15:30			356.96	18-09-18 13:40	3103.948641	Other	NA	Electronic	356.09	356.96
Netflix	18-09-18	15:32-17:30			364.07	18-09-18 16:16	9605.223815	Other	NA	Electronic	363.51	364.07
Netflix	19-09-18	13:32-15:30			372.46	19-09-18 13:51	3275.52546	Other	NA	Electronic	371.69	372.46
Netflix	19-09-18	15:32-17:30			363.15	19-09-18 17:07	3193.650514	Other	NA	Electronic	363.15	363.69
Netflix	20-09-18	13:32-15:30			364.24	20-09-18 15:18	6406.472606	Other	NA	Electronic	363.58	364.24
Netflix	21-09-18	13:32-15:30			370.98	21-09-18 13:40	6432.151966	Other	NA	Electronic	370.98	371.55
Netflix	21-09-18	15:32-17:30			368.54	21-09-18 15:55	16205.25899	Other	NA	Electronic	368.06	368.54
Netflix	24-09-18	13:32-15:30			369.36	24-09-18 14:33	16205.25899	Other	NA	Electronic	369.36	369.81
Netflix	24-09-18	15:32-17:30			371.45	24-09-18 16:14	3218.978102	Other	NA	Electronic	371.45	372.05
Netflix	26-09-18	13:32-15:30			374.99	26-09-18 13:53	6558.438132	Other	NA	Electronic	374.99	375.41
Netflix	26-09-18	15:32-17:30			379.29	26-09-18 17:16	3321.695541	Other	NA	Electronic	379.29	379.63
Netflix	27-09-18	13:32-15:30			379.61	27-09-18 13:40	6676.809427	Other	NA	Electronic	379.08	379.61
Netflix	27-09-18	15:32-17:30			379.08	27-09-18 15:41	6686.131387	Other	NA	Electronic	379.08	379.73

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Netflix	28-09-18	15:32-17:30			377.89	28-09-18 16:50	16616.39258	Other	NA	Electronic	377.33	377.89
NETH25Cash	02-07-18	09:32-11:30			545.93	02-07-18 10:08	3821.51	Other	NA	Electronic	545.93	546.53
NETH25Cash	02-07-18	11:32-13:30			548.78	02-07-18 11:55	548.78	Other	NA	Electronic	548.18	548.78
NETH25Cash	02-07-18	13:30-13:32	546.95	546.95								
NETH25Cash	02-07-18	15:32-17:30			546.2	02-07-18 15:32	546	Other	NA	Electronic	546.2	546.8
NETH25Cash	03-07-18	09:32-11:30			550.38	03-07-18 09:49	1101.3	Other	NA	Electronic	549.78	550.38
NETH25Cash	03-07-18	11:30-11:32	551.1	551.1								
NETH25Cash	03-07-18	13:32-15:30			549.73	03-07-18 13:39	551.53	Other	NA	Electronic	549.73	550.33
NETH25Cash	03-07-18	15:32-17:30			549.8	03-07-18 15:54	549.8	Other	NA	Electronic	549.8	550.4
NETH25Cash	04-07-18	09:32-11:30			549.63	04-07-18 10:35	1099.26	Other	NA	Electronic	549.03	549.63
NETH25Cash	04-07-18	11:32-13:30			548	04-07-18 12:39	554.6	Other	NA	Electronic	548	548.6
NETH25Cash	04-07-18	13:32-15:30			549.28	04-07-18 15:19	8239.2	Other	NA	Electronic	548.68	549.28
NETH25Cash	04-07-18	15:32-17:30			549.78	04-07-18 15:58	549.78	Other	NA	Electronic	549.18	549.78
NETH25Cash	05-07-18	09:30-09:32	552.05	1102.2								
NETH25Cash	05-07-18	11:32-13:30			555.73	05-07-18 11:37	555.73	Other	NA	Electronic	555.13	555.73

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	05-07-18	13:32-15:30			553.18	05-07-18 13:43	11063.6	Other	NA	Electronic	553.18	553.78
NETH25Cash	05-07-18	15:32-17:30			553.13	05-07-18 15:44	553.13	Other	NA	Electronic	552.53	553.13
NETH25Cash	06-07-18	09:32-11:30			553.4	06-07-18 09:38	553.48	Other	NA	Electronic	552.8	553.4
NETH25Cash	06-07-18	11:32-13:30			551.45	06-07-18 11:33	553.85	Other	NA	Electronic	550.85	551.45
NETH25Cash	06-07-18	13:32-15:30			550.05	06-07-18 13:50	1100.1	Other	NA	Electronic	550.05	550.65
NETH25Cash	06-07-18	15:32-17:30			554.55	06-07-18 15:42	1109.1	Other	NA	Electronic	553.95	554.55
NETH25Cash	09-07-18	09:32-11:30			558.6	09-07-18 10:00	558.6	Other	NA	Electronic	558	558.6
NETH25Cash	09-07-18	11:30-11:32	556.63	1113.26								
NETH25Cash	09-07-18	13:32-15:30			558.13	09-07-18 14:55	5572.3	Other	NA	Electronic	557.53	558.13
NETH25Cash	09-07-18	15:32-17:30			557.25	09-07-18 15:35	557.25	Other	NA	Electronic	557.25	557.85
NETH25Cash	10-07-18	09:32-11:30			559.48	10-07-18 09:34	3821.51	Other	NA	Electronic	558.88	559.48
NETH25Cash	10-07-18	11:32-13:30			560.8	10-07-18 11:32	560.58	Other	NA	Electronic	560.8	561.4
NETH25Cash	10-07-18	13:32-15:30			561.63	10-07-18 13:40	561.63	Other	NA	Electronic	561.03	561.63
NETH25Cash	10-07-18	15:32-17:30			560.45	10-07-18 16:15	1120.9	Other	NA	Electronic	560.45	561.05
NETH25Cash	11-07-18	09:32-11:30			553.93	11-07-18 09:50	556.33	Other	NA	Electronic	553.33	553.93



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	11-07-18	11:32-13:30			555.3	11-07-18 12:12	1665.9	Other	NA	Electronic	554.7	555.3
NETH25Cash	11-07-18	13:32-15:30			554.65	11-07-18 13:32	4432.64	Other	NA	Electronic	554.05	554.65
NETH25Cash	11-07-18	15:32-17:30			553.15	11-07-18 15:44	557.98	Other	NA	Electronic	552.55	553.15
NETH25Cash	12-07-18	09:32-11:30			554.7	12-07-18 09:35	554.7	Other	NA	Electronic	554.1	554.7
NETH25Cash	12-07-18	11:32-13:30			556.48	12-07-18 12:04	553.15	Other	NA	Electronic	556.48	557.08
NETH25Cash	12-07-18	13:32-15:30			555.58	12-07-18 13:52	555.58	Other	NA	Electronic	554.98	555.58
NETH25Cash	12-07-18	15:32-17:30			557.95	12-07-18 16:04	557.95	Other	NA	Electronic	557.35	557.95
NETH25Cash	13-07-18	09:32-11:30			559.73	13-07-18 10:11	559.73	Other	NA	Electronic	559.13	559.73
NETH25Cash	13-07-18	11:30-11:32	559.75	1119.5								
NETH25Cash	13-07-18	13:30-13:32	560.12	560.12								
NETH25Cash	16-07-18	09:32-11:30			559.93	16-07-18 09:53	560.72	Other	NA	Electronic	559.93	560.53
NETH25Cash	16-07-18	11:32-13:30			557.93	16-07-18 11:33	1117.24	Other	NA	Electronic	557.33	557.93
NETH25Cash	16-07-18	13:32-15:30			557.97	16-07-18 13:42	557.97	Other	NA	Electronic	557.97	558.57
NETH25Cash	16-07-18	15:32-17:30			557.85	16-07-18 15:47	557.85	Other	NA	Electronic	557.85	558.45
NETH25Cash	17-07-18	09:32-11:30			559.08	17-07-18 09:32	559.08	Other	NA	Electronic	559.08	559.68

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	17-07-18	11:32-13:30			555.68	17-07-18 11:58	555.68	Other	NA	Electronic	555.68	556.28
NETH25Cash	17-07-18	13:32-15:30			557.18	17-07-18 13:33	557.97	Other	NA	Electronic	556.58	557.18
NETH25Cash	17-07-18	15:32-17:30			559.78	17-07-18 15:45	559.78	Other	NA	Electronic	559.78	560.38
NETH25Cash	18-07-18	09:32-11:30			565.38	18-07-18 09:46	562.88	Other	NA	Electronic	565.38	565.98
NETH25Cash	18-07-18	11:32-13:30			565.93	18-07-18 11:56	565.93	Other	NA	Electronic	565.93	566.53
NETH25Cash	18-07-18	13:32-15:30			567.35	18-07-18 14:20	1131.66	Other	NA	Electronic	567.35	567.95
NETH25Cash	18-07-18	15:32-17:30			567.85	18-07-18 15:35	8517.75	Other	NA	Electronic	567.88	568.48
NETH25Cash	19-07-18	09:32-11:30			570.03	19-07-18 10:20	1127.9	Other	NA	Electronic	570.03	570.63
NETH25Cash	19-07-18	11:32-13:30			570.05	19-07-18 13:17	570.05	Other	NA	Electronic	569.45	570.05
NETH25Cash	19-07-18	13:32-15:30			570.08	19-07-18 13:44	1708.14	Other	NA	Electronic	570.08	570.68
NETH25Cash	19-07-18	15:32-17:30			570.05	19-07-18 15:41	1137.9	Other	NA	Electronic	570.05	570.65
NETH25Cash	20-07-18	09:32-11:30			571.23	20-07-18 09:46	571.23	Other	NA	Electronic	571.23	571.83
NETH25Cash	20-07-18	11:32-13:30			569.48	20-07-18 12:22	1138.96	Other	NA	Electronic	568.88	569.48
NETH25Cash	20-07-18	13:30-13:32	568.015	1137.76								
NETH25Cash	20-07-18	15:32-17:30			572.78	20-07-18 15:42	1718.34	Other	NA	Electronic	572.18	572.78

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	23-07-18	09:32-11:30			571.55	23-07-18 09:32	571	Other	NA	Electronic	571.55	572.15
NETH25Cash	23-07-18	11:32-13:30			571.62	23-07-18 12:58	22838	Other	NA	Electronic	571.62	572.22
NETH25Cash	23-07-18	13:32-15:30			571.05	23-07-18 13:44	571.05	Other	NA	Electronic	571.05	571.65
NETH25Cash	23-07-18	15:32-17:30			571.38	23-07-18 15:41	1714.14	Other	NA	Electronic	570.78	571.38
NETH25Cash	24-07-18	09:32-11:30			573.68	24-07-18 09:37	1147.36	Other	NA	Electronic	573.08	573.68
NETH25Cash	24-07-18	11:32-13:30			573.78	24-07-18 12:06	1147.56	Other	NA	Electronic	573.18	573.78
NETH25Cash	24-07-18	13:32-15:30			574	24-07-18 13:32	574	Other	NA	Electronic	574	574.6
NETH25Cash	24-07-18	15:32-17:30			573.93	24-07-18 15:35	574	Other	NA	Electronic	573.33	573.93
NETH25Cash	25-07-18	13:32-15:30			572.68	25-07-18 13:50	572.08	Other	NA	Electronic	572.08	572.68
NETH25Cash	25-07-18	15:32-17:30			573.97	25-07-18 16:00	573.97	Other	NA	Electronic	573.37	573.97
NETH25Cash	26-07-18	09:32-11:30			574.2	26-07-18 09:55	1148.4	Other	NA	Electronic	573.6	574.2
NETH25Cash	26-07-18	11:32-13:30			572.5	26-07-18 11:54	572.5	Other	NA	Electronic	571.9	572.5
NETH25Cash	26-07-18	13:32-15:30			572.57	26-07-18 13:32	2863.1	Other	NA	Electronic	571.97	572.57
NETH25Cash	26-07-18	15:32-17:30			573.83	26-07-18 15:32	1721.49	Other	NA	Electronic	573.83	574.43
NETH25Cash	27-07-18	09:32-11:30			576.22	27-07-18 09:50	1148.36	Other	NA	Electronic	576.22	576.82

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	27-07-18	11:30-11:32	575.93	1725.21								
NETH25Cash	27-07-18	13:30-13:32	575.72	8068.6								
NETH25Cash	27-07-18	15:32-17:30			575.83	27-07-18 15:32	575.83	Other	NA	Electronic	575.83	576.43
NETH25Cash	30-07-18	09:32-11:30			574.15	30-07-18 11:10	573.53	Other	NA	Electronic	574.15	574.75
NETH25Cash	30-07-18	11:32-13:30			574.75	30-07-18 12:00	574.75	Other	NA	Electronic	574.15	574.75
NETH25Cash	30-07-18	13:32-15:30			573.35	30-07-18 13:50	1153.9	Other	NA	Electronic	573.35	573.95
NETH25Cash	30-07-18	15:32-17:30			572.73	30-07-18 16:16	1721.49	Other	NA	Electronic	572.13	572.73
NETH25Cash	31-07-18	09:32-11:30			574.43	31-07-18 10:46	2297.72	Other	NA	Electronic	574.43	575.03
NETH25Cash	31-07-18	11:32-13:30			575.03	31-07-18 11:36	3450.18	Other	NA	Electronic	574.43	575.03
NETH25Cash	31-07-18	13:32-15:30			574.18	31-07-18 13:50	573.18	Other	NA	Electronic	574.18	574.78
NETH25Cash	31-07-18	15:32-17:30			574.68	31-07-18 15:33	574.68	Other	NA	Electronic	574.68	575.28
NETH25Cash	01-08-18	09:32-11:30			574.08	01-08-18 09:43	10981.6	Other	NA	Electronic	573.48	574.08
NETH25Cash	01-08-18	11:32-13:30			572.93	01-08-18 12:05	573.28	Other	NA	Electronic	572.33	572.93
NETH25Cash	01-08-18	13:32-15:30			572.78	01-08-18 15:17	565.55	Other	NA	Electronic	572.18	572.78
NETH25Cash	01-08-18	15:32-17:30			572.83	01-08-18 15:38	2860.15	Other	NA	Electronic	572.23	572.83

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	02-08-18	09:32-11:30			569.6	02-08-18 09:47	571.13	Other	NA	Electronic	569	569.6
NETH25Cash	02-08-18	11:32-13:30			570.05	02-08-18 12:04	3420.3	Other	NA	Electronic	569.45	570.05
NETH25Cash	02-08-18	15:30-15:32	570.53333	6256.44								
NETH25Cash	03-08-18	09:32-11:30			572.83	03-08-18 10:05	1144.6	Other	NA	Electronic	572.83	573.43
NETH25Cash	03-08-18	11:32-13:30			573.13	03-08-18 11:52	573.13	Other	NA	Electronic	572.53	573.13
NETH25Cash	03-08-18	13:32-15:30			572.75	03-08-18 14:34	571.88	Other	NA	Electronic	572.75	573.35
NETH25Cash	06-08-18	09:32-11:30			572.98	06-08-18 10:25	1718.94	Other	NA	Electronic	572.38	572.98
NETH25Cash	06-08-18	13:32-15:30			571.43	06-08-18 13:42	573.48	Other	NA	Electronic	570.83	571.43
NETH25Cash	07-08-18	09:32-11:30			574.65	07-08-18 10:10	1149.3	Other	NA	Electronic	574.05	574.65
NETH25Cash	07-08-18	13:32-15:30			573.85	07-08-18 13:51	573.85	Other	NA	Electronic	573.85	574.45
NETH25Cash	07-08-18	15:32-17:30			573.43	07-08-18 15:44	575.13	Other	NA	Electronic	573.43	574.03
NETH25Cash	08-08-18	09:32-11:30			574	08-08-18 10:16	5740	Other	NA	Electronic	574	574.6
NETH25Cash	08-08-18	13:32-15:30			573.23	08-08-18 13:46	4585.84	Other	NA	Electronic	572.63	573.23
NETH25Cash	08-08-18	15:32-17:30			573	08-08-18 16:46	572.1	Other	NA	Electronic	573	573.6
NETH25Cash	09-08-18	13:32-15:30			573.08	09-08-18 13:32	573.08	Other	NA	Electronic	572.48	573.08

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	09-08-18	15:32-17:30			571.55	09-08-18 15:57	573.08	Other	NA	Electronic	571.55	572.15
NETH25Cash	10-08-18	09:32-11:30			565.83	10-08-18 10:10	567.73	Other	NA	Electronic	565.23	565.83
NETH25Cash	10-08-18	11:32-13:30			565.68	10-08-18 11:40	565.8	Other	NA	Electronic	565.08	565.68
NETH25Cash	10-08-18	13:32-15:30			562.43	10-08-18 13:54	1137.76	Other	NA	Electronic	562.43	563.03
NETH25Cash	10-08-18	15:32-17:30			563.03	10-08-18 15:34	564.85	Other	NA	Electronic	562.43	563.03
NETH25Cash	13-08-18	09:32-11:30			560.23	13-08-18 10:16	560.23	Other	NA	Electronic	559.63	560.23
NETH25Cash	13-08-18	11:32-13:30			559.78	13-08-18 11:33	561.9	Other	NA	Electronic	559.78	560.38
NETH25Cash	13-08-18	13:32-15:30			562.25	13-08-18 13:59	2286.6	Other	NA	Electronic	561.65	562.25
NETH25Cash	14-08-18	09:32-11:30			563.08	14-08-18 10:07	564.83	Other	NA	Electronic	563.08	563.68
NETH25Cash	14-08-18	13:32-15:30			562.03	14-08-18 14:51	562.03	Other	NA	Electronic	561.43	562.03
NETH25Cash	14-08-18	15:32-17:30			562.53	14-08-18 15:42	560.95	Other	NA	Electronic	561.93	562.53
NETH25Cash	15-08-18	09:32-11:30			560.33	15-08-18 09:49	561.13	Other	NA	Electronic	559.73	560.33
NETH25Cash	15-08-18	11:32-13:30			555.53	15-08-18 11:42	574.2	Other	NA	Electronic	555.53	556.13
NETH25Cash	15-08-18	13:32-15:30			554.1	15-08-18 13:50	554.1	Other	NA	Electronic	553.48	554.08
NETH25Cash	15-08-18	15:32-17:30			552.05	15-08-18 16:27	555.28	Other	NA	Electronic	551.45	552.05

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	16-08-18	09:32-11:30			555.85	16-08-18 10:16	1109.66	Other	NA	Electronic	555.85	556.45
NETH25Cash	16-08-18	11:32-13:30			555.5	16-08-18 11:33	555.5	Other	NA	Electronic	555.5	556.1
NETH25Cash	16-08-18	13:32-15:30			555.98	16-08-18 14:36	554.1	Other	NA	Electronic	555.98	556.58
NETH25Cash	16-08-18	15:32-17:30			556.68	16-08-18 15:57	555.98	Other	NA	Electronic	556.68	557.28
NETH25Cash	17-08-18	09:32-11:30			553.93	17-08-18 10:48	1107.86	Other	NA	Electronic	553.33	553.93
NETH25Cash	17-08-18	11:32-13:30			552.63	17-08-18 11:41	552.83	Other	NA	Electronic	552.03	552.63
NETH25Cash	17-08-18	13:32-15:30			551.53	17-08-18 14:51	551.53	Other	NA	Electronic	550.93	551.53
NETH25Cash	17-08-18	15:32-17:30			553.5	17-08-18 16:07	553.5	Other	NA	Electronic	553.5	554.1
NETH25Cash	20-08-18	09:32-11:30			556.53	20-08-18 09:43	556.53	Other	NA	Electronic	555.93	556.53
NETH25Cash	20-08-18	11:32-13:30			556.58	20-08-18 12:48	556.58	Other	NA	Electronic	555.98	556.58
NETH25Cash	20-08-18	13:32-15:30			557.33	20-08-18 14:03	557.33	Other	NA	Electronic	556.73	557.33
NETH25Cash	21-08-18	09:32-11:30			556.95	21-08-18 10:38	554.88	Other	NA	Electronic	556.95	557.55
NETH25Cash	21-08-18	11:32-13:30			557.28	21-08-18 12:53	554.73	Other	NA	Electronic	557.28	557.88
NETH25Cash	21-08-18	13:32-15:30			558.5	21-08-18 13:33	556.6	Other	NA	Electronic	557.9	558.5
NETH25Cash	21-08-18	15:32-17:30			558.18	21-08-18 15:54	558.18	Other	NA	Electronic	557.58	558.18

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	22-08-18	09:32-11:30			559.75	22-08-18 10:12	559.75	Other	NA	Electronic	559.15	559.75
NETH25Cash	22-08-18	11:32-13:30			559.33	22-08-18 13:04	559.33	Other	NA	Electronic	558.73	559.33
NETH25Cash	22-08-18	13:32-15:30			559.03	22-08-18 15:26	2779.15	Other	NA	Electronic	559.03	559.63
NETH25Cash	22-08-18	15:32-17:30			559.2	22-08-18 17:25	1114.76	Other	NA	Electronic	559.2	559.8
NETH25Cash	23-08-18	09:32-11:30			561.25	23-08-18 09:33	553.5	Other	NA	Electronic	560.65	561.25
NETH25Cash	23-08-18	11:32-13:30			561.43	23-08-18 12:14	1122.86	Other	NA	Electronic	560.83	561.43
NETH25Cash	23-08-18	15:32-17:30			558.73	23-08-18 15:50	1117.46	Other	NA	Electronic	558.13	558.73
NETH25Cash	24-08-18	09:32-11:30			560.6	24-08-18 10:17	560.08	Other	NA	Electronic	560.6	561.2
NETH25Cash	24-08-18	11:32-13:30			561.03	24-08-18 11:40	558.93	Other	NA	Electronic	561.03	561.63
NETH25Cash	27-08-18	09:32-11:30			562.48	27-08-18 09:43	1124.96	Other	NA	Electronic	561.88	562.48
NETH25Cash	27-08-18	11:32-13:30			562.38	27-08-18 13:02	561.03	Other	NA	Electronic	562.38	562.98
NETH25Cash	27-08-18	13:32-15:30			562.48	27-08-18 13:46	1124.96	Other	NA	Electronic	562.48	563.08
NETH25Cash	27-08-18	15:32-17:30			563.8	27-08-18 16:30	1126.06	Other	NA	Electronic	563.8	564.4
NETH25Cash	28-08-18	11:32-13:30			564.25	28-08-18 12:51	564.25	Other	NA	Electronic	564.25	564.85
NETH25Cash	28-08-18	15:32-17:30			562.8	28-08-18 15:34	559.75	Other	NA	Electronic	562.8	563.4



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	29-08-18	11:32-13:30			564.15	29-08-18 11:39	564.15	Other	NA	Electronic	563.55	564.15
NETH25Cash	29-08-18	13:32-15:30			564.43	29-08-18 14:56	563.63	Other	NA	Electronic	564.43	565.03
NETH25Cash	29-08-18	15:32-17:30			566	29-08-18 15:54	566	Other	NA	Electronic	565.4	566
NETH25Cash	30-08-18	09:32-11:30			562.48	30-08-18 10:36	565.28	Other	NA	Electronic	561.88	562.48
NETH25Cash	30-08-18	11:32-13:30			562.43	30-08-18 11:43	562.18	Other	NA	Electronic	562.43	563.03
NETH25Cash	30-08-18	13:32-15:30			563.75	30-08-18 15:03	2248.32	Other	NA	Electronic	563.75	564.35
NETH25Cash	30-08-18	15:32-17:30			563.03	30-08-18 15:41	2815.15	Other	NA	Electronic	562.43	563.03
NETH25Cash	31-08-18	09:32-11:30			559.28	31-08-18 09:55	560.08	Other	NA	Electronic	558.68	559.28
NETH25Cash	31-08-18	15:32-17:30			557.38	31-08-18 16:57	558.78	Other	NA	Electronic	556.78	557.38
NETH25Cash	03-09-18	09:32-11:30			559.88	03-09-18 10:33	1119.76	Other	NA	Electronic	559.28	559.88
NETH25Cash	03-09-18	11:32-13:30			559.58	03-09-18 13:28	559.58	Other	NA	Electronic	558.98	559.58
NETH25Cash	03-09-18	13:30-13:32	559.58	2797.9								
NETH25Cash	04-09-18	09:32-11:30			554.73	04-09-18 09:32	1144.5	Other	NA	Electronic	554.73	555.33
NETH25Cash	04-09-18	11:32-13:30			552.58	04-09-18 12:55	552.58	Other	NA	Electronic	552.58	553.18
NETH25Cash	04-09-18	13:32-15:30			553.9	04-09-18 14:15	1107.8	Other	NA	Electronic	553.3	553.9

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	04-09-18	15:32-17:30			553.38	04-09-18 15:42	553.38	Other	NA	Electronic	552.83	553.43
NETH25Cash	05-09-18	09:32-11:30			548.33	05-09-18 10:34	552.58	Other	NA	Electronic	547.73	548.33
NETH25Cash	05-09-18	11:32-13:30			548.13	05-09-18 12:51	548.13	Other	NA	Electronic	548.13	548.73
NETH25Cash	05-09-18	15:32-17:30			548.15	05-09-18 16:05	548.15	Other	NA	Electronic	547.55	548.15
NETH25Cash	06-09-18	13:32-15:30			542.9	06-09-18 14:11	542.9	Other	NA	Electronic	542.3	542.9
NETH25Cash	06-09-18	15:32-17:30			540.28	06-09-18 15:33	540.28	Other	NA	Electronic	539.68	540.28
NETH25Cash	07-09-18	09:32-11:30			535.05	07-09-18 09:51	1079.6	Other	NA	Electronic	535.05	535.65
NETH25Cash	07-09-18	11:32-13:30			533.88	07-09-18 12:50	1118.06	Other	NA	Electronic	533.88	534.48
NETH25Cash	07-09-18	13:32-15:30			535.33	07-09-18 13:43	535.33	Other	NA	Electronic	534.73	535.33
NETH25Cash	07-09-18	15:32-17:30			536.1	07-09-18 17:13	535.33	Other	NA	Electronic	536.1	536.7
NETH25Cash	10-09-18	09:32-11:30			538.73	10-09-18 10:14	535.82	Other	NA	Electronic	538.73	539.33
NETH25Cash	10-09-18	13:32-15:30			540.13	10-09-18 13:54	538.78	Other	NA	Electronic	540.13	540.73
NETH25Cash	10-09-18	15:32-17:30			539.63	10-09-18 15:59	539.63	Other	NA	Electronic	539.63	540.23
NETH25Cash	11-09-18	09:30-09:32	537.08	1073.66								
NETH25Cash	11-09-18	11:32-13:30			536.58	11-09-18 12:58	536.58	Other	NA	Electronic	536.58	537.18

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	11-09-18	13:32-15:30			539.68	11-09-18 14:07	536.58	Other	NA	Electronic	539.08	539.68
NETH25Cash	11-09-18	15:32-17:30			540.75	11-09-18 16:05	537	Other	NA	Electronic	540.75	541.35
NETH25Cash	12-09-18	09:32-11:30			539.83	12-09-18 11:24	539.83	Other	NA	Electronic	539.23	539.83
NETH25Cash	12-09-18	11:32-13:30			540.18	12-09-18 11:52	540.18	Other	NA	Electronic	539.58	540.18
NETH25Cash	12-09-18	13:32-15:30			538	12-09-18 14:33	538	Other	NA	Electronic	537.4	538
NETH25Cash	13-09-18	09:32-11:30			539.38	13-09-18 09:57	2157.52	Other	NA	Electronic	538.78	539.38
NETH25Cash	13-09-18	11:32-13:30			541.8	13-09-18 12:06	541.8	Other	NA	Electronic	541.2	541.8
NETH25Cash	14-09-18	15:32-17:30			539.75	14-09-18 16:46	539.75	Other	NA	Electronic	539.15	539.75
NETH25Cash	17-09-18	13:32-15:30			541.88	17-09-18 14:44	540.48	Other	NA	Electronic	541.88	542.48
NETH25Cash	18-09-18	09:32-11:30			541.13	18-09-18 09:36	542.9	Other	NA	Electronic	541.13	541.73
NETH25Cash	18-09-18	13:32-15:30			542.58	18-09-18 13:52	541.35	Other	NA	Electronic	542.58	543.18
NETH25Cash	18-09-18	15:32-17:30			543.65	18-09-18 16:40	1629.09	Other	NA	Electronic	543.65	544.25
NETH25Cash	19-09-18	09:32-11:30			543.23	19-09-18 09:38	543.23	Other	NA	Electronic	542.63	543.23
NETH25Cash	19-09-18	11:32-13:30			541.15	19-09-18 12:45	541.15	Other	NA	Electronic	540.55	541.15
NETH25Cash	19-09-18	15:32-17:30			543.35	19-09-18 17:12	1086.3	Other	NA	Electronic	543.35	543.95

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	20-09-18	09:32-11:30			545.75	20-09-18 10:13	2721.25	Other	NA	Electronic	545.75	546.35
NETH25Cash	20-09-18	11:32-13:30			547.03	20-09-18 13:01	3278.28	Other	NA	Electronic	547.03	547.63
NETH25Cash	20-09-18	13:32-15:30			547.43	20-09-18 13:36	546.15	Other	NA	Electronic	547.43	548.03
NETH25Cash	21-09-18	09:32-11:30			549.63	21-09-18 10:41	2815.15	Other	NA	Electronic	549.63	550.23
NETH25Cash	21-09-18	13:32-15:30			549.73	21-09-18 14:08	1099.46	Other	NA	Electronic	549.13	549.73
NETH25Cash	21-09-18	15:32-17:30			549.65	21-09-18 17:16	549.65	Other	NA	Electronic	549.05	549.65
NETH25Cash	24-09-18	09:32-11:30			549.68	24-09-18 10:23	549.68	Other	NA	Electronic	549.08	549.68
NETH25Cash	24-09-18	11:32-13:30			549.75	24-09-18 12:14	540.28	Other	NA	Electronic	549.75	550.35
NETH25Cash	24-09-18	13:32-15:30			549.03	24-09-18 13:44	549.03	Other	NA	Electronic	548.43	549.03
NETH25Cash	25-09-18	09:32-11:30			552.28	25-09-18 10:06	552.28	Other	NA	Electronic	551.68	552.28
NETH25Cash	25-09-18	11:32-13:30			552.48	25-09-18 12:19	5523.8	Other	NA	Electronic	552.48	553.08
NETH25Cash	25-09-18	13:32-15:30			551.98	25-09-18 14:36	552.28	Other	NA	Electronic	551.98	552.58
NETH25Cash	26-09-18	11:32-13:30			551.3	26-09-18 11:49	2756.5	Other	NA	Electronic	550.7	551.3
NETH25Cash	26-09-18	13:32-15:30			551.23	26-09-18 13:48	551.23	Other	NA	Electronic	550.63	551.23
NETH25Cash	27-09-18	09:32-11:30			551.5	27-09-18 10:13	1101.5	Other	NA	Electronic	551.5	552.1

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NETH25Cash	27-09-18	11:32-13:30			551.98	27-09-18 11:34	551.8	Other	NA	Electronic	551.98	552.58
NETH25Cash	27-09-18	13:32-15:30			553.55	27-09-18 13:40	553.55	Other	NA	Electronic	552.95	553.55
NETH25Cash	27-09-18	15:32-17:30			553.5	27-09-18 15:39	550.38	Other	NA	Electronic	553.5	554.1
NETH25Cash	28-09-18	09:32-11:30			550.7	28-09-18 10:37	2753.5	Other	NA	Electronic	550.1	550.7
NETH25Cash	28-09-18	11:32-13:30			548.43	28-09-18 11:40	549.73	Other	NA	Electronic	547.83	548.43
NETH25Cash	28-09-18	13:32-15:30			550.05	28-09-18 13:36	550.05	Other	NA	Electronic	549.45	550.05
NETH25Cash	28-09-18	15:32-17:30			548.45	28-09-18 17:03	548.45	Other	NA	Electronic	548.45	549.05
Newfield	25-09-18	15:32-17:30			29.59	25-09-18 17:22	520.4467505	Other	NA	Electronic	29.53	29.59
Newmont	22-08-18	13:32-15:30			32.42	22-08-18 13:40	563.5388268	Other	NA	Electronic	32.42	32.48
Newmont	24-08-18	13:32-15:30			32.42	24-08-18 15:16	854.8060857	Other	NA	Electronic	32.42	32.48
Newmont	12-09-18	13:32-15:30			29.36	12-09-18 13:40	262.1581215	Other	NA	Electronic	29.36	29.42
Newmont	20-09-18	15:32-17:30			31.45	20-09-18 16:56	276.5807757	Other	NA	Electronic	31.39	31.45
Newmont	24-09-18	13:32-15:30			31.51	24-09-18 15:20	277.1084337	Other	NA	Electronic	31.45	31.51
Newmont	28-09-18	13:32-15:30			30.39	28-09-18 14:43	801.7764489	Other	NA	Electronic	30.39	30.45
NGAS-AUG18	02-07-18	11:32-13:30			2.859	02-07-18 12:32	2605.751473	Other	NA	Electronic	2.859	2.894

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NGAS-AUG18	03-07-18	11:32-13:30			2.844	03-07-18 12:28	2501.099288	Other	NA	Electronic	2.844	2.879
NGAS-AUG18	04-07-18	13:32-15:30			2.84	04-07-18 15:03	2501.099288	Other	NA	Electronic	2.805	2.84
NGAS-AUG18	05-07-18	09:32-11:30			2.862	05-07-18 11:16	2488.787266	Other	NA	Electronic	2.827	2.862
NGAS-AUG18	05-07-18	11:32-13:30			2.891	05-07-18 12:15	2542.432504	Other	NA	Electronic	2.856	2.891
NGAS-AUG18	09-07-18	11:32-13:30			2.86	09-07-18 12:27	2515.17017	Other	NA	Electronic	2.825	2.86
NGAS-AUG18	09-07-18	13:32-15:30			2.847	09-07-18 14:40	2503.737578	Other	NA	Electronic	2.812	2.847
NGAS-AUG18	10-07-18	15:32-17:30			2.783	10-07-18 16:46	2503.737578	Other	NA	Electronic	2.783	2.818
NGAS-AUG18	13-07-18	13:32-15:30			2.755	13-07-18 13:32	2528.361622	Other	NA	Electronic	2.755	2.79
NGAS-AUG18	13-07-18	15:32-17:30			2.751	13-07-18 16:20	2419.312286	Other	NA	Electronic	2.751	2.786
NGAS-AUG18	16-07-18	09:32-11:30			2.728	16-07-18 10:25	2608.389763	Other	NA	Electronic	2.728	2.763
NGAS-AUG18	17-07-18	13:32-15:30			2.782	17-07-18 13:36	2446.57462	Other	NA	Electronic	2.747	2.782
NGAS-AUG18	17-07-18	15:32-17:30			2.719	17-07-18 15:48	2391.170522	Other	NA	Electronic	2.719	2.754
NGAS-AUG18	18-07-18	13:32-15:30			2.742	18-07-18 14:26	2419.312286	Other	NA	Electronic	2.707	2.742
NGAS-AUG18	19-07-18	11:32-13:30			2.703	19-07-18 12:33	2417.553425	Other	NA	Electronic	2.703	2.738
NGAS-AUG18	19-07-18	13:32-15:30			2.722	19-07-18 13:42	2386.773371	Other	NA	Electronic	2.687	2.722

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NGAS-AUG18	25-07-18	15:32-17:30			2.75	25-07-18 16:19	2418.432856	Other	NA	Electronic	2.75	2.785
NGAS-NOV18	25-09-18	11:32-13:30			3.002	25-09-18 12:14	2640.049248	Other	NA	Electronic	3.002	3.037
NGAS-NOV18	27-09-18	13:32-15:30			3.043	27-09-18 14:27	2676.105883	Other	NA	Electronic	3.008	3.043
NGAS-NOV18	27-09-18	15:32-17:30			3.061	27-09-18 17:06	2676.105883	Other	NA	Electronic	3.061	3.096
NGAS-NOV18	28-09-18	11:32-13:30			2.982	28-09-18 12:35	2622.460646	Other	NA	Electronic	2.982	3.017
NGAS-OCT18	30-08-18	13:32-15:30			2.824	30-08-18 14:30	2483.510685	Other	NA	Electronic	2.824	2.86
NGAS-OCT18	06-09-18	13:32-15:30			2.764	06-09-18 14:30	2430.744877	Other	NA	Electronic	2.764	2.8
NGAS-OCT18	13-09-18	13:32-15:30			2.83	13-09-18 14:30	2488.787266	Other	NA	Electronic	2.824	2.859
NGAS-OCT18	17-09-18	11:32-13:30			2.815	17-09-18 13:14	2475.595814	Other	NA	Electronic	2.78	2.815
NGAS-OCT18	18-09-18	11:32-13:30			2.839	18-09-18 11:54	2488.787266	Other	NA	Electronic	2.804	2.839
NGAS-OCT18	20-09-18	13:32-15:30			2.877	20-09-18 14:30	2530.120482	Other	NA	Electronic	2.877	2.913
NGAS-OCT18	21-09-18	11:32-13:30			2.966	21-09-18 12:34	2530.120482	Other	NA	Electronic	2.931	2.966
NGAS-SEP18	25-07-18	11:32-13:30			2.764	25-07-18 13:01	2430.744877	Other	NA	Electronic	2.729	2.764
NGAS-SEP18	25-07-18	13:32-15:30			2.735	25-07-18 15:22	2405.241404	Other	NA	Electronic	2.735	2.77
NGAS-SEP18	26-07-18	13:32-15:30			2.752	26-07-18 15:27	2420.191716	Other	NA	Electronic	2.752	2.787

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NGAS-SEP18	26-07-18	15:30-15:32	2.785	2420.191716								
NGAS-SEP18	31-07-18	13:32-15:30			2.805	31-07-18 14:35	2430.744877	Other	NA	Electronic	2.805	2.84
NGAS-SEP18	01-08-18	09:32-11:30			2.783	01-08-18 10:22	2405.241404	Other	NA	Electronic	2.748	2.783
NGAS-SEP18	07-08-18	11:32-13:30			2.886	07-08-18 11:55	2538.035353	Other	NA	Electronic	2.851	2.886
NGAS-SEP18	09-08-18	13:32-15:30			2.937	09-08-18 15:28	2538.035353	Other	NA	Electronic	2.937	2.972
NGAS-SEP18	10-08-18	15:32-17:30			2.952	10-08-18 16:55	15576.46645	Other	NA	Electronic	2.917	2.952
NGAS-SEP18	14-08-18	15:32-17:30			2.943	14-08-18 17:12	2588.16287	Other	NA	Electronic	2.943	2.978
NGAS-SEP18	16-08-18	13:32-15:30			2.911	16-08-18 14:11	2560.021106	Other	NA	Electronic	2.911	2.946
NGAS-SEP18	17-08-18	09:32-11:30			2.943	17-08-18 10:06	2588.16287	Other	NA	Electronic	2.908	2.943
NGAS-SEP18	20-08-18	13:32-15:30			2.93	20-08-18 14:57	2576.730279	Other	NA	Electronic	2.93	2.965
NGAS-SEP18	20-08-18	15:32-17:30			2.966	20-08-18 15:38	2576.730279	Other	NA	Electronic	2.931	2.966
Nike	02-07-18	13:32-15:30			78.5	02-07-18 13:56	640.2251341	Other	NA	Electronic	78.5	78.58
Nike	02-07-18	15:32-17:30			77.69	02-07-18 15:36	683.2292674	Other	NA	Electronic	77.62	77.69
Nike	03-07-18	13:32-15:30			77.23	03-07-18 13:40	686.5711019	Other	NA	Electronic	77.13	77.23
Nike	05-07-18	13:32-15:30			77.28	05-07-18 13:58	679.6236039	Other	NA	Electronic	77.21	77.28



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nike	06-07-18	15:32-17:30			77	06-07-18 17:07	1354.322399	Other	NA	Electronic	76.93	77
Nike	10-07-18	15:32-17:30			77.67	10-07-18 16:07	683.0533814	Other	NA	Electronic	77.61	77.67
Nike	11-07-18	13:32-15:30			77.12	11-07-18 13:42	683.2292674	Other	NA	Electronic	77.12	77.2
Nike	12-07-18	15:32-17:30			77.59	12-07-18 17:17	682.3498373	Other	NA	Electronic	77.59	77.66
Nike	13-07-18	13:32-15:30			77.49	13-07-18 13:46	1354.322399	Other	NA	Electronic	77.49	77.56
Nike	13-07-18	15:32-17:30			77.43	13-07-18 16:13	680.9427491	Other	NA	Electronic	77.37	77.43
Nike	16-07-18	13:32-15:30			77.69	16-07-18 13:59	683.2292674	Other	NA	Electronic	77.63	77.69
Nike	24-07-18	13:32-15:30			75.61	24-07-18 15:06	674.3470231	Other	NA	Electronic	75.61	75.68
Nike	26-07-18	13:32-15:30			77.68	26-07-18 13:42	676.3697124	Other	NA	Electronic	77.68	77.79
Nike	26-07-18	15:32-17:30			77.93	26-07-18 17:16	685.3398997	Other	NA	Electronic	77.86	77.93
Nike	30-07-18	13:32-15:30			75.53	30-07-18 15:13	664.2335766	Other	NA	Electronic	75.45	75.53
Nike	02-08-18	13:32-15:30			78.02	02-08-18 14:23	685.3398997	Other	NA	Electronic	78.02	78.09
Nike	20-08-18	15:32-17:30			82.38	20-08-18 16:44	724.4745405	Other	NA	Electronic	82.32	82.38
Nike	21-08-18	15:32-17:30			82.39	21-08-18 15:54	724.4745405	Other	NA	Electronic	82.39	82.45
Nike	27-08-18	13:32-15:30			82.48	27-08-18 14:08	725.3539706	Other	NA	Electronic	82.41	82.48

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nike	27-08-18	15:32-17:30			82.43	27-08-18 17:10	724.9142556	Other	NA	Electronic	82.37	82.43
Nike	04-09-18	13:32-15:30			80.01	04-09-18 15:18	2814.528186	Other	NA	Electronic	80.01	80.07
Nike	05-09-18	13:32-15:30			79.81	05-09-18 13:40	2105.619559	Other	NA	Electronic	79.75	79.81
Nike	06-09-18	13:32-15:30			80.13	06-09-18 13:40	2114.062088	Other	NA	Electronic	80.05	80.13
Nike	07-09-18	13:32-15:30			81.02	07-09-18 14:22	703.0164453	Other	NA	Electronic	81.02	81.08
Nike	10-09-18	15:32-17:30			81.92	10-09-18 15:41	703.0164453	Other	NA	Electronic	81.92	81.99
Nike	11-09-18	13:32-15:30			82.91	11-09-18 14:45	729.1355202	Other	NA	Electronic	82.91	82.98
Nike	13-09-18	13:32-15:30			83.81	13-09-18 13:40	2105.619559	Other	NA	Electronic	83.81	83.87
Nike	17-09-18	15:32-17:30			83.21	17-09-18 17:07	731.7738106	Other	NA	Electronic	83.15	83.21
Nike	18-09-18	13:32-15:30			84.26	18-09-18 14:03	2114.062088	Other	NA	Electronic	84.26	84.33
Nike	18-09-18	15:32-17:30			84.98	18-09-18 17:22	29387.0372	Other	NA	Electronic	84.98	85.04
Nike	19-09-18	13:32-15:30			84.61	19-09-18 13:51	2105.355729	Other	NA	Electronic	84.61	84.69
Nike	20-09-18	13:32-15:30			85.36	20-09-18 14:01	750.6815584	Other	NA	Electronic	85.29	85.36
Nike	24-09-18	13:32-15:30			84.8	24-09-18 14:17	745.7567496	Other	NA	Electronic	84.74	84.8
Nike	24-09-18	15:32-17:30			84.49	24-09-18 16:12	1486.588691	Other	NA	Electronic	84.43	84.49

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nike	25-09-18	13:32-15:30			84.71	25-09-18 15:26	1489.930525	Other	NA	Electronic	84.63	84.71
Nike	25-09-18	15:32-17:30			84.9	25-09-18 16:16	1489.930525	Other	NA	Electronic	84.9	84.97
Nike	26-09-18	13:32-15:30			82.75	26-09-18 13:40	744.0858324	Other	NA	Electronic	82.75	82.86
Nike	26-09-18	15:32-17:30			83.41	26-09-18 15:39	733.5326708	Other	NA	Electronic	83.34	83.41
Nike	27-09-18	13:32-15:30			84.5	27-09-18 13:41	743.1184592	Other	NA	Electronic	84.5	84.6
Nike	28-09-18	13:32-15:30			84.81	28-09-18 13:40	745.8446926	Other	NA	Electronic	84.81	84.88
NiSource	14-09-18	13:32-15:30			25.32	14-09-18 13:40	445.3434175	Other	NA	Electronic	25.32	25.38
NiSource	14-09-18	15:32-17:30			25.1	14-09-18 16:46	224.430569	Other	NA	Electronic	25.1	25.16
NiSource	18-09-18	13:32-15:30			25.54	18-09-18 14:08	663.7938616	Other	NA	Electronic	25.54	25.61
Noble Energy	21-08-18	13:32-15:30			28.96	21-08-18 13:49	254.6829654	Other	NA	Electronic	28.9	28.96
Noble Energy	22-08-18	13:32-15:30			29.19	22-08-18 13:47	254.6829654	Other	NA	Electronic	29.19	29.25
Nokia	03-07-18	13:32-15:30			4.857	03-07-18 14:39	48.57	Other	NA	Electronic	4.857	4.868
Nokia	05-07-18	11:32-13:30			4.853	05-07-18 11:43	48.53	Other	NA	Electronic	4.843	4.853
Nokia	05-07-18	13:32-15:30			4.855	05-07-18 15:12	48.53	Other	NA	Electronic	4.855	4.865
Nokia	06-07-18	11:32-13:30			4.901	06-07-18 12:12	51.81	Other	NA	Electronic	4.901	4.912

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nokia	27-07-18	09:32-11:30			4.733	27-07-18 11:21	51.65	Other	NA	Electronic	4.733	4.744
Nokia	01-08-18	11:32-13:30			4.66	01-08-18 12:52	52.83	Other	NA	Electronic	4.66	4.67
Nokia	07-08-18	09:32-11:30			4.684	07-08-18 11:20	46.84	Other	NA	Electronic	4.673	4.684
Nokia	10-08-18	11:32-13:30			4.589	10-08-18 12:17	46.84	Other	NA	Electronic	4.589	4.599
Nokia	13-08-18	13:32-15:30			4.57	13-08-18 14:10	46.19	Other	NA	Electronic	4.57	4.58
Nokia	20-08-18	11:32-13:30			4.612	20-08-18 12:23	91.78	Other	NA	Electronic	4.612	4.623
Nokia	27-08-18	13:32-15:30			4.882	27-08-18 13:46	244.1	Other	NA	Electronic	4.872	4.882
Nokia	29-08-18	09:32-11:30			4.907	29-08-18 11:19	49.07	Other	NA	Electronic	4.907	4.917
Nokia	31-08-18	09:32-11:30			4.829	31-08-18 09:40	244.1	Other	NA	Electronic	4.829	4.839
Nokia	05-09-18	11:32-13:30			4.701	05-09-18 12:35	47.01	Other	NA	Electronic	4.69	4.701
Nokia	06-09-18	09:32-11:30			4.695	06-09-18 09:53	46.95	Other	NA	Electronic	4.685	4.695
Nokia	07-09-18	09:32-11:30			4.637	07-09-18 09:49	46.37	Other	NA	Electronic	4.626	4.637
Nokia	07-09-18	11:32-13:30			4.613	07-09-18 12:27	46.13	Other	NA	Electronic	4.602	4.613
Nokia	10-09-18	09:32-11:30			4.673	10-09-18 10:10	46.73	Other	NA	Electronic	4.663	4.673
Nokia	11-09-18	09:32-11:30			4.627	11-09-18 10:01	231.35	Other	NA	Electronic	4.616	4.627

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nokia	11-09-18	11:32-13:30			4.613	11-09-18 11:48	46.13	Other	NA	Electronic	4.602	4.613
Nokia	13-09-18	11:32-13:30			4.75	13-09-18 12:54	47.5	Other	NA	Electronic	4.739	4.75
Nokia	13-09-18	13:32-15:30			4.708	13-09-18 14:41	47.01	Other	NA	Electronic	4.708	4.718
Nokia	27-09-18	09:32-11:30			4.737	27-09-18 10:46	47.01	Other	NA	Electronic	4.737	4.748
Nordea Bank	05-07-18	13:32-15:30			85.56	05-07-18 14:06	83.08337896	Other	NA	Electronic	85.56	85.77
Nordea Bank	12-07-18	09:32-11:30			85.92	12-07-18 10:47	832.6751336	Other	NA	Electronic	85.92	86.11
Nordea Bank	12-07-18	13:32-15:30			85.89	12-07-18 13:41	2498.025401	Other	NA	Electronic	85.7	85.89
Nordea Bank	26-07-18	09:32-11:30			93.34	26-07-18 10:06	174.55941	Other	NA	Electronic	93.34	93.55
Nordex	20-09-18	13:32-15:30			9.13	20-09-18 14:31	91.2	Other	NA	Electronic	9.13	9.24
Nordic Nanovector	11-07-18	11:32-13:30			59.467	11-07-18 12:08	61.03041617	Other	NA	Electronic	57.584	59.467
Nordic Nanovector	12-07-18	13:32-15:30			56.884	12-07-18 13:41	58.37950785	Other	NA	Electronic	56.884	58.217
NorskHydro	03-09-18	11:32-13:30			46.077	03-09-18 13:00	47.2883866	Other	NA	Electronic	45.964	46.077
NorskHydro	04-09-18	11:32-13:30			45.434	04-09-18 11:56	46.62848182	Other	NA	Electronic	45.434	45.557
Northrop	25-07-18	13:32-15:30			298.03	25-07-18 14:20	2620.965614	Other	NA	Electronic	298.03	298.97
Northrop	01-08-18	13:32-15:30			300.77	01-08-18 13:40	2620.965614	Other	NA	Electronic	299.53	300.77

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Norwegian Cruise Line	10-07-18	13:32-15:30			47.76	10-07-18 13:49	420.0158297	Other	NA	Electronic	47.66	47.76
NOS	25-07-18	11:32-13:30			4.872	25-07-18 12:51	48.72	Other	NA	Electronic	4.872	4.893
NOS	01-08-18	11:32-13:30			4.946	01-08-18 12:54	47.77	Other	NA	Electronic	4.946	4.963
NOS	31-08-18	09:32-11:30			4.975	31-08-18 11:10	49.75	Other	NA	Electronic	4.938	4.975
NOS	07-09-18	11:32-13:30			4.845	07-09-18 11:35	48.54	Other	NA	Electronic	4.828	4.845
Novartis	09-07-18	09:32-11:30			76.73	09-07-18 10:01	674.5610309	Other	NA	Electronic	76.73	76.92
Novartis	16-07-18	11:32-13:30			78.88	16-07-18 11:56	698.1025205	Other	NA	Electronic	78.71	78.88
Novartis	02-08-18	13:32-15:30			83.36	02-08-18 13:35	709.1652506	Other	NA	Electronic	83.19	83.36
Novartis	03-08-18	13:32-15:30			82.52	03-08-18 14:02	1460.634381	Other	NA	Electronic	82.33	82.52
Novartis	06-08-18	09:32-11:30			82.97	06-08-18 09:55	1460.634381	Other	NA	Electronic	82.97	83.14
Novartis	07-09-18	13:32-15:30			78.94	07-09-18 13:57	698.6335316	Other	NA	Electronic	78.75	78.94
Novartis	27-09-18	09:32-11:30			83.11	27-09-18 10:12	735.5387992	Other	NA	Electronic	83.11	83.28
NRG	02-07-18	15:32-17:30			30.79	02-07-18 17:23	270.7765368	Other	NA	Electronic	30.73	30.79
NRG	02-08-18	13:32-15:30			31.97	02-08-18 13:40	281.1538123	Other	NA	Electronic	31.75	31.97
NRG	27-09-18	13:32-15:30			36	27-09-18 14:25	316.5948465	Other	NA	Electronic	35.94	36

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nvidia	02-07-18	13:32-15:30			236.34	02-07-18 13:42	2101.57418	Other	NA	Electronic	236.34	236.67
Nvidia	03-07-18	13:32-15:30			239.96	03-07-18 13:41	6313.165069	Other	NA	Electronic	239.96	240.35
Nvidia	03-07-18	15:32-17:30			239.36	03-07-18 16:00	8474.188726	Other	NA	Electronic	239.36	239.64
Nvidia	05-07-18	15:32-17:30			240.84	05-07-18 16:00	8472.078093	Other	NA	Electronic	240.53	240.84
Nvidia	09-07-18	13:32-15:30			247.41	09-07-18 15:07	2175.798083	Other	NA	Electronic	247.12	247.41
Nvidia	09-07-18	15:32-17:30			246.73	09-07-18 15:39	2169.817958	Other	NA	Electronic	246.73	246.95
Nvidia	11-07-18	13:32-15:30			249.93	11-07-18 13:52	2197.959722	Other	NA	Electronic	249.49	249.93
Nvidia	11-07-18	15:32-17:30			247.97	11-07-18 15:35	2180.722892	Other	NA	Electronic	247.72	247.97
Nvidia	12-07-18	13:32-15:30			250.85	12-07-18 13:40	2197.959722	Other	NA	Electronic	250.85	251.11
Nvidia	13-07-18	13:32-15:30			248.9	13-07-18 13:45	2210.887345	Other	NA	Electronic	248.9	249.39
Nvidia	13-07-18	15:32-17:30			250.11	13-07-18 15:34	2188.54982	Other	NA	Electronic	250.11	250.42
Nvidia	16-07-18	13:32-15:30			248.87	16-07-18 14:15	2188.637763	Other	NA	Electronic	248.87	249.17
Nvidia	17-07-18	13:32-15:30			249.64	17-07-18 14:33	2188.637763	Other	NA	Electronic	249.41	249.64
Nvidia	17-07-18	15:32-17:30			252.29	17-07-18 16:38	2218.714273	Other	NA	Electronic	251.98	252.29
Nvidia	19-07-18	13:32-15:30			253.43	19-07-18 13:40	2228.739777	Other	NA	Electronic	253.03	253.43

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nvidia	20-07-18	13:32-15:30			253.34	20-07-18 14:43	2227.94829	Other	NA	Electronic	253.02	253.34
Nvidia	20-07-18	15:32-17:30			251.54	20-07-18 16:37	2227.94829	Other	NA	Electronic	251.54	251.86
Nvidia	23-07-18	13:32-15:30			245.5	23-07-18 14:05	2159.000967	Other	NA	Electronic	245.15	245.5
Nvidia	23-07-18	15:32-17:30			249.41	23-07-18 16:21	2153.724387	Other	NA	Electronic	249.05	249.41
Nvidia	24-07-18	13:32-15:30			252.44	24-07-18 14:02	2220.033418	Other	NA	Electronic	252.44	252.7
Nvidia	24-07-18	15:32-17:30			249.36	24-07-18 17:06	4385.893941	Other	NA	Electronic	249.13	249.36
Nvidia	25-07-18	13:32-15:30			249.58	25-07-18 13:44	4385.893941	Other	NA	Electronic	249.58	249.93
Nvidia	31-07-18	13:32-15:30			244.99	31-07-18 13:50	2154.515874	Other	NA	Electronic	244.69	244.99
Nvidia	31-07-18	15:32-17:30			247.1	31-07-18 15:54	2154.515874	Other	NA	Electronic	247.08	247.32
Nvidia	01-08-18	13:32-15:30			244.65	01-08-18 13:40	2238.413508	Other	NA	Electronic	244.65	245.29
Nvidia	02-08-18	13:32-15:30			244.17	02-08-18 13:40	2147.304547	Other	NA	Electronic	244.17	244.64
Nvidia	06-08-18	15:32-17:30			252.16	06-08-18 16:15	2217.571014	Other	NA	Electronic	251.85	252.16
Nvidia	07-08-18	13:32-15:30			256.48	07-08-18 13:40	2255.562396	Other	NA	Electronic	256.48	256.78
Nvidia	08-08-18	15:32-17:30			259.99	08-08-18 15:37	2286.430393	Other	NA	Electronic	259.6	259.99
Nvidia	14-08-18	13:32-15:30			260.61	14-08-18 13:50	4583.76572	Other	NA	Electronic	260.61	261



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nvidia	15-08-18	13:32-15:30			258.06	15-08-18 14:39	2284.143875	Other	NA	Electronic	257.62	258.06
Nvidia	16-08-18	13:32-15:30			259	16-08-18 13:40	6833.172104	Other	NA	Electronic	258.56	259
Nvidia	16-08-18	15:32-17:30			258.68	16-08-18 15:42	2274.909858	Other	NA	Electronic	258.68	258.99
Nvidia	17-08-18	13:32-15:30			250.77	17-08-18 13:41	11026.73468	Other	NA	Electronic	250.77	251.26
Nvidia	17-08-18	15:32-17:30			245.48	17-08-18 16:17	2175.446311	Other	NA	Electronic	245.48	245.85
Nvidia	20-08-18	13:32-15:30			241.62	20-08-18 13:40	2124.879078	Other	NA	Electronic	241.29	241.62
Nvidia	21-08-18	13:32-15:30			249.03	21-08-18 13:40	2190.044851	Other	NA	Electronic	248.44	249.03
Nvidia	21-08-18	15:32-17:30			252.01	21-08-18 15:37	2216.251869	Other	NA	Electronic	252.01	252.27
Nvidia	22-08-18	13:32-15:30			254.47	22-08-18 13:42	2237.88585	Other	NA	Electronic	254.47	254.82
Nvidia	22-08-18	15:32-17:30			260.58	22-08-18 15:48	2282.736787	Other	NA	Electronic	260.58	260.97
Nvidia	23-08-18	13:32-15:30			264.69	23-08-18 13:40	2327.763609	Other	NA	Electronic	264.69	265.04
Nvidia	27-08-18	13:32-15:30			274.56	27-08-18 14:03	2190.044851	Other	NA	Electronic	274.56	274.85
Nvidia	28-08-18	15:32-17:30			269.34	28-08-18 15:35	2127.429426	Other	NA	Electronic	269.34	269.76
Nvidia	31-08-18	13:32-15:30			279.81	31-08-18 14:23	2460.733445	Other	NA	Electronic	279.81	280.08
Nvidia	06-09-18	13:32-15:30			272.96	06-09-18 14:19	2400.492481	Other	NA	Electronic	272.96	273.49

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nvidia	07-09-18	13:32-15:30			271.31	07-09-18 13:40	2385.981884	Other	NA	Electronic	270.92	271.31
Nvidia	07-09-18	15:32-17:30			275.63	07-09-18 15:33	2423.973265	Other	NA	Electronic	275.63	275.96
Nvidia	10-09-18	13:32-15:30			272.92	10-09-18 13:40	2400.140709	Other	NA	Electronic	272.45	272.92
Nvidia	12-09-18	13:32-15:30			269.36	12-09-18 13:40	2388.620174	Other	NA	Electronic	268.66	269.36
Nvidia	12-09-18	15:32-17:30			265.79	12-09-18 16:15	2309.911178	Other	NA	Electronic	265.79	266.21
Nvidia	13-09-18	15:32-17:30			274.61	13-09-18 15:45	2415.003078	Other	NA	Electronic	274.61	274.92
Nvidia	14-09-18	13:32-15:30			276.18	14-09-18 13:40	2428.810131	Other	NA	Electronic	276.18	276.61
Nvidia	19-09-18	13:32-15:30			269.17	19-09-18 13:41	2367.162079	Other	NA	Electronic	269.17	270.41
Nvidia	20-09-18	13:32-15:30			264.35	20-09-18 13:40	2385.981884	Other	NA	Electronic	264.41	264.72
Nvidia	20-09-18	15:32-17:30			266.13	20-09-18 15:34	2430.041333	Other	NA	Electronic	265.74	266.13
Nvidia	21-09-18	13:32-15:30			267.97	21-09-18 13:40	2356.608917	Other	NA	Electronic	267.54	267.97
Nvidia	24-09-18	13:32-15:30			260.22	24-09-18 13:40	2288.453082	Other	NA	Electronic	259.88	260.22
Nvidia	26-09-18	13:32-15:30			268.77	26-09-18 14:07	4727.288717	Other	NA	Electronic	268.52	268.77
Nvidia	27-09-18	13:32-15:30			267.82	27-09-18 13:56	4710.579544	Other	NA	Electronic	267.82	268.09
Nvidia	28-09-18	13:32-15:30			276.17	28-09-18 13:40	2320.991997	Other	NA	Electronic	276.17	276.49

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Nvidia	28-09-18	15:30-15:32	278.98	2456.863952								
NZDCAD	02-07-18	09:32-11:30			0.88809	02-07-18 09:34	604.2332582	Other	NA	Electronic	0.88809	0.88851
NZDCAD	02-07-18	11:32-13:30			0.88631	02-07-18 11:34	604.2332582	Other	NA	Electronic	0.88588	0.88631
NZDCAD	02-07-18	13:30-13:32	0.88534	604.2332582								
NZDCAD	02-07-18	15:32-17:30			0.88481	02-07-18 15:41	30211.66291	Other	NA	Electronic	0.88481	0.88524
NZDCAD	03-07-18	09:32-11:30			0.88643	03-07-18 09:35	604.2332582	Other	NA	Electronic	0.88643	0.88685
NZDCAD	03-07-18	11:32-13:30			0.88615	03-07-18 11:40	3021.166291	Other	NA	Electronic	0.88574	0.88616
NZDCAD	03-07-18	13:32-15:30			0.88522	03-07-18 13:36	604.2332582	Other	NA	Electronic	0.88522	0.88563
NZDCAD	03-07-18	15:30-15:32	0.88871	27190.49662								
NZDCAD	04-07-18	09:30-09:32	0.88951	135348.2498								
NZDCAD	04-07-18	11:30-11:32	0.88902	6042.332582								
NZDCAD	04-07-18	13:32-15:30			0.88884	04-07-18 13:35	604.2332582	Other	NA	Electronic	0.88839	0.88884
NZDCAD	04-07-18	15:32-17:30			0.88866	04-07-18 16:06	604.2332582	Other	NA	Electronic	0.88866	0.88912
NZDCAD	05-07-18	09:32-11:30			0.89143	05-07-18 09:32	9063.498873	Other	NA	Electronic	0.89143	0.89185
NZDCAD	05-07-18	11:32-13:30			0.89069	05-07-18 11:58	1812.699775	Other	NA	Electronic	0.89069	0.8911

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	05-07-18	13:32-15:30			0.89076	05-07-18 13:32	1208.466516	Other	NA	Electronic	0.89076	0.89119
NZDCAD	05-07-18	15:30-15:32	0.89126	6042.332582								
NZDCAD	06-07-18	09:32-11:30			0.89558	06-07-18 09:52	3021.166291	Other	NA	Electronic	0.89558	0.896
NZDCAD	06-07-18	11:30-11:32	0.89588	604.2332582								
NZDCAD	06-07-18	13:32-15:30			0.89496	06-07-18 13:36	120846.6516	Other	NA	Electronic	0.89496	0.89536
NZDCAD	06-07-18	15:32-17:30			0.89444	06-07-18 15:33	1812.699775	Other	NA	Electronic	0.89404	0.89444
NZDCAD	09-07-18	09:32-11:30			0.89513	09-07-18 09:38	604.2332582	Other	NA	Electronic	0.89513	0.89555
NZDCAD	09-07-18	11:32-13:30			0.89639	09-07-18 11:34	604.2332582	Other	NA	Electronic	0.89597	0.89639
NZDCAD	09-07-18	13:30-13:32	0.8951	3021.166291								
NZDCAD	09-07-18	15:32-17:30			0.89614	09-07-18 15:36	3021.166291	Other	NA	Electronic	0.89572	0.89614
NZDCAD	10-07-18	09:32-11:30			0.89514	10-07-18 09:38	604.2332582	Other	NA	Electronic	0.89514	0.89556
NZDCAD	10-07-18	11:32-13:30			0.89415	10-07-18 11:35	604.2332582	Other	NA	Electronic	0.89415	0.89457
NZDCAD	10-07-18	13:30-13:32	0.89616	1812.699775								
NZDCAD	10-07-18	15:32-17:30			0.89699	10-07-18 15:45	3021.166291	Other	NA	Electronic	0.89658	0.89699
NZDCAD	11-07-18	09:32-11:30			0.89516	11-07-18 09:43	6042.332582	Other	NA	Electronic	0.89474	0.89517

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	11-07-18	11:32-13:30			0.89385	11-07-18 11:34	30211.66291	Other	NA	Electronic	0.89344	0.89385
NZDCAD	11-07-18	13:32-15:30			0.89232	11-07-18 13:38	1208.466516	Other	NA	Electronic	0.89232	0.89273
NZDCAD	11-07-18	15:32-17:30			0.89171	11-07-18 15:40	6042.332582	Other	NA	Electronic	0.89126	0.89171
NZDCAD	12-07-18	09:32-11:30			0.89264	12-07-18 09:32	3021.166291	Other	NA	Electronic	0.89221	0.89264
NZDCAD	12-07-18	11:30-11:32	0.89101	604.2332582								
NZDCAD	12-07-18	13:32-15:30			0.8925	12-07-18 13:39	6042.332582	Other	NA	Electronic	0.89208	0.8925
NZDCAD	12-07-18	15:32-17:30			0.89215	12-07-18 15:33	604.2332582	Other	NA	Electronic	0.89172	0.89215
NZDCAD	13-07-18	09:32-11:30			0.88867	13-07-18 09:33	6042.332582	Other	NA	Electronic	0.88828	0.88867
NZDCAD	13-07-18	11:32-13:30			0.88757	13-07-18 11:52	1208.466516	Other	NA	Electronic	0.88757	0.88799
NZDCAD	13-07-18	13:32-15:30			0.88831	13-07-18 13:33	2416.933033	Other	NA	Electronic	0.88831	0.88873
NZDCAD	13-07-18	15:30-15:32	0.89038	604.2332582								
NZDCAD	16-07-18	09:32-11:30			0.891	16-07-18 09:32	1208.466516	Other	NA	Electronic	0.891	0.8914
NZDCAD	16-07-18	11:32-13:30			0.8922	16-07-18 11:33	604.2332582	Other	NA	Electronic	0.89179	0.8922
NZDCAD	16-07-18	13:32-15:30			0.89066	16-07-18 13:49	1208.466516	Other	NA	Electronic	0.89066	0.89108
NZDCAD	16-07-18	15:30-15:32	0.88915	67069.89166								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	17-07-18	09:32-11:30			0.89652	17-07-18 09:36	2416.933033	Other	NA	Electronic	0.89612	0.89652
NZDCAD	17-07-18	11:32-13:30			0.89572	17-07-18 11:42	1208.466516	Other	NA	Electronic	0.89572	0.89614
NZDCAD	17-07-18	13:30-13:32	0.89532	604.2332582								
NZDCAD	17-07-18	15:32-17:30			0.89631	17-07-18 16:30	604.2332582	Other	NA	Electronic	0.89589	0.89631
NZDCAD	18-07-18	09:32-11:30			0.89559	18-07-18 09:32	1208.466516	Other	NA	Electronic	0.89517	0.89559
NZDCAD	18-07-18	11:30-11:32	0.89503	7250.799098								
NZDCAD	18-07-18	13:32-15:30			0.8973	18-07-18 13:32	1208.466516	Other	NA	Electronic	0.89687	0.8973
NZDCAD	18-07-18	15:32-17:30			0.89675	18-07-18 15:36	1208.466516	Other	NA	Electronic	0.89633	0.89675
NZDCAD	19-07-18	09:32-11:30			0.89144	19-07-18 09:34	1208.466516	Other	NA	Electronic	0.89102	0.89144
NZDCAD	19-07-18	11:32-13:30			0.89144	19-07-18 11:56	1812.699775	Other	NA	Electronic	0.89102	0.89144
NZDCAD	19-07-18	13:32-15:30			0.89011	19-07-18 13:42	604.2332582	Other	NA	Electronic	0.89011	0.89053
NZDCAD	19-07-18	15:32-17:30			0.89198	19-07-18 16:05	604.2332582	Other	NA	Electronic	0.89156	0.89198
NZDCAD	20-07-18	09:32-11:30			0.89576	20-07-18 09:33	3021.166291	Other	NA	Electronic	0.89576	0.89616
NZDCAD	20-07-18	11:32-13:30			0.89549	20-07-18 11:40	1208.466516	Other	NA	Electronic	0.89508	0.89549
NZDCAD	20-07-18	13:32-15:30			0.89264	20-07-18 13:39	1812.699775	Other	NA	Electronic	0.89266	0.89308

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NZDCAD	20-07-18	15:32-17:30			0.89328	20-07-18 15:34	2416.933033	Other	NA	Electronic	0.89328	0.8937
NZDCAD	23-07-18	09:32-11:30			0.89505	23-07-18 09:32	1208.466516	Other	NA	Electronic	0.89505	0.89547
NZDCAD	23-07-18	11:32-13:30			0.89519	23-07-18 11:35	1812.699775	Other	NA	Electronic	0.89477	0.89519
NZDCAD	23-07-18	13:32-15:30			0.89275	23-07-18 13:38	604.2332582	Other	NA	Electronic	0.89273	0.89315
NZDCAD	23-07-18	15:32-17:30			0.89238	23-07-18 16:27	1208.466516	Other	NA	Electronic	0.89238	0.89281
NZDCAD	24-07-18	09:32-11:30			0.89396	24-07-18 09:46	604.2332582	Other	NA	Electronic	0.89396	0.89438
NZDCAD	24-07-18	11:32-13:30			0.89513	24-07-18 11:40	604.2332582	Other	NA	Electronic	0.89513	0.89554
NZDCAD	24-07-18	13:32-15:30			0.89551	24-07-18 13:40	1812.699775	Other	NA	Electronic	0.89512	0.89551
NZDCAD	24-07-18	15:32-17:30			0.89552	24-07-18 16:04	3021.166291	Other	NA	Electronic	0.89512	0.89552
NZDCAD	25-07-18	09:32-11:30			0.89544	25-07-18 10:02	604.2332582	Other	NA	Electronic	0.89502	0.89544
NZDCAD	25-07-18	11:32-13:30			0.89347	25-07-18 11:45	604.2332582	Other	NA	Electronic	0.89347	0.89388
NZDCAD	25-07-18	13:32-15:30			0.89245	25-07-18 13:33	604.2332582	Other	NA	Electronic	0.89203	0.89245
NZDCAD	25-07-18	15:32-17:30			0.8923	25-07-18 15:45	1208.466516	Other	NA	Electronic	0.89188	0.8923
NZDCAD	26-07-18	09:32-11:30			0.89007	26-07-18 09:35	18126.99775	Other	NA	Electronic	0.88965	0.89007
NZDCAD	26-07-18	11:32-13:30			0.88954	26-07-18 11:36	12084.66516	Other	NA	Electronic	0.88912	0.88954

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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NZDCAD	26-07-18	13:30-13:32	0.88828	60423.32582								
NZDCAD	26-07-18	15:30-15:32	0.88845	1208.466516								
NZDCAD	27-07-18	09:32-11:30			0.88449	27-07-18 09:39	9063.498873	Other	NA	Electronic	0.88449	0.8849
NZDCAD	27-07-18	11:32-13:30			0.88425	27-07-18 11:38	4229.632807	Other	NA	Electronic	0.88425	0.88466
NZDCAD	27-07-18	13:32-15:30			0.88682	27-07-18 13:32	12084.66516	Other	NA	Electronic	0.8864	0.88682
NZDCAD	27-07-18	15:32-17:30			0.88742	27-07-18 16:06	604.2332582	Other	NA	Electronic	0.88742	0.88785
NZDCAD	30-07-18	09:32-11:30			0.88924	30-07-18 09:40	604.2332582	Other	NA	Electronic	0.88881	0.88923
NZDCAD	30-07-18	11:32-13:30			0.88805	30-07-18 11:44	3021.166291	Other	NA	Electronic	0.88764	0.88805
NZDCAD	30-07-18	13:32-15:30			0.88783	30-07-18 13:51	1208.466516	Other	NA	Electronic	0.88783	0.88825
NZDCAD	30-07-18	15:32-17:30			0.88828	30-07-18 15:49	1208.466516	Other	NA	Electronic	0.88828	0.88869
NZDCAD	31-07-18	09:30-09:32	0.88886	3021.166291								
NZDCAD	31-07-18	11:30-11:32	0.88911	6042.332582								
NZDCAD	31-07-18	13:32-15:30			0.88804	31-07-18 13:34	604.2332582	Other	NA	Electronic	0.88804	0.88847
NZDCAD	31-07-18	15:32-17:30			0.88672	31-07-18 15:41	604.2332582	Other	NA	Electronic	0.88634	0.88672
NZDCAD	01-08-18	09:30-09:32	0.88594	1208.466516								



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NZDCAD	01-08-18	11:30-11:32	0.88625	4833.866066								
NZDCAD	01-08-18	13:32-15:30			0.88487	01-08-18 13:33	1208.466516	Other	NA	Electronic	0.88487	0.88529
NZDCAD	01-08-18	15:30-15:32	0.8838	3021.166291								
NZDCAD	02-08-18	09:32-11:30			0.8805	02-08-18 09:34	604.2332582	Other	NA	Electronic	0.88008	0.8805
NZDCAD	02-08-18	11:30-11:32	0.88005	24169.33033								
NZDCAD	02-08-18	13:32-15:30			0.87977	02-08-18 13:49	604.2332582	Other	NA	Electronic	0.87936	0.87977
NZDCAD	02-08-18	15:32-17:30			0.87805	02-08-18 15:36	1208.466516	Other	NA	Electronic	0.87805	0.87848
NZDCAD	03-08-18	09:32-11:30			0.8769	03-08-18 09:52	241693.3033	Other	NA	Electronic	0.87648	0.8769
NZDCAD	03-08-18	11:30-11:32	0.87744	3021.166291								
NZDCAD	03-08-18	13:30-13:32	0.8758	1812.699775								
NZDCAD	03-08-18	15:32-17:30			0.8766	03-08-18 15:35	3021.166291	Other	NA	Electronic	0.8766	0.877
NZDCAD	06-08-18	09:32-11:30			0.87625	06-08-18 10:52	604.2332582	Other	NA	Electronic	0.87625	0.87667
NZDCAD	06-08-18	11:32-13:30			0.87618	06-08-18 11:40	604.2332582	Other	NA	Electronic	0.87576	0.87618
NZDCAD	06-08-18	13:32-15:30			0.87724	06-08-18 13:41	1812.699775	Other	NA	Electronic	0.87683	0.87725
NZDCAD	06-08-18	15:32-17:30			0.8754	06-08-18 15:32	604.2332582	Other	NA	Electronic	0.8754	0.87582

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	07-08-18	09:32-11:30			0.87516	07-08-18 09:39	1208.466516	Other	NA	Electronic	0.87516	0.87558
NZDCAD	07-08-18	11:32-13:30			0.87568	07-08-18 12:39	2416.933033	Other	NA	Electronic	0.87526	0.87568
NZDCAD	07-08-18	13:32-15:30			0.876	07-08-18 13:32	604.2332582	Other	NA	Electronic	0.87559	0.876
NZDCAD	07-08-18	15:32-17:30			0.87716	07-08-18 16:02	3021.166291	Other	NA	Electronic	0.87715	0.87757
NZDCAD	08-08-18	09:32-11:30			0.88109	08-08-18 10:00	2416.933033	Other	NA	Electronic	0.88109	0.88151
NZDCAD	08-08-18	11:32-13:30			0.88161	08-08-18 11:59	6042.332582	Other	NA	Electronic	0.88161	0.88202
NZDCAD	08-08-18	13:32-15:30			0.88032	08-08-18 13:47	1208.466516	Other	NA	Electronic	0.88032	0.88074
NZDCAD	08-08-18	15:32-17:30			0.88085	08-08-18 15:48	604.2332582	Other	NA	Electronic	0.88085	0.88147
NZDCAD	09-08-18	09:30-09:32	0.86559	9063.498873								
NZDCAD	09-08-18	11:30-11:32	0.86694	604.2332582								
NZDCAD	09-08-18	13:32-15:30			0.86458	09-08-18 13:38	15105.83146	Other	NA	Electronic	0.86458	0.86499
NZDCAD	09-08-18	15:32-17:30			0.86353	09-08-18 15:47	604.2332582	Other	NA	Electronic	0.86353	0.86394
NZDCAD	10-08-18	09:32-11:30			0.86306	10-08-18 09:42	1208.466516	Other	NA	Electronic	0.86306	0.86346
NZDCAD	10-08-18	11:32-13:30			0.86385	10-08-18 11:38	604.2332582	Other	NA	Electronic	0.86385	0.86427
NZDCAD	10-08-18	13:32-15:30			0.86474	10-08-18 13:40	604.2332582	Other	NA	Electronic	0.86474	0.86515

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	10-08-18	15:32-17:30			0.86649	10-08-18 15:54	604.2332582	Other	NA	Electronic	0.86606	0.86649
NZDCAD	13-08-18	09:30-09:32	0.86549	604.2332582								
NZDCAD	13-08-18	11:32-13:30			0.86525	13-08-18 11:46	604.2332582	Other	NA	Electronic	0.86483	0.86525
NZDCAD	13-08-18	13:32-15:30			0.86476	13-08-18 13:46	604.2332582	Other	NA	Electronic	0.86476	0.86517
NZDCAD	13-08-18	15:32-17:30			0.86503	13-08-18 16:07	604.2332582	Other	NA	Electronic	0.86461	0.86503
NZDCAD	14-08-18	09:32-11:30			0.86367	14-08-18 10:29	1208.466516	Other	NA	Electronic	0.86367	0.86408
NZDCAD	14-08-18	11:32-13:30			0.86311	14-08-18 11:37	1208.466516	Other	NA	Electronic	0.86311	0.86352
NZDCAD	14-08-18	13:32-15:30			0.86363	14-08-18 13:37	604.2332582	Other	NA	Electronic	0.86322	0.86363
NZDCAD	14-08-18	15:32-17:30			0.86312	14-08-18 16:16	1208.466516	Other	NA	Electronic	0.86312	0.86352
NZDCAD	15-08-18	09:32-11:30			0.8575	15-08-18 09:42	604.2332582	Other	NA	Electronic	0.85708	0.8575
NZDCAD	15-08-18	11:32-13:30			0.8591	15-08-18 11:44	36253.99549	Other	NA	Electronic	0.8587	0.8591
NZDCAD	15-08-18	13:32-15:30			0.86124	15-08-18 13:39	1208.466516	Other	NA	Electronic	0.86084	0.86124
NZDCAD	15-08-18	15:30-15:32	0.86293	3021.166291								
NZDCAD	16-08-18	09:32-11:30			0.86402	16-08-18 10:53	604.2332582	Other	NA	Electronic	0.86402	0.86441
NZDCAD	16-08-18	11:32-13:30			0.86575	16-08-18 11:32	2416.933033	Other	NA	Electronic	0.86534	0.86575

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	16-08-18	13:32-15:30			0.86729	16-08-18 13:33	604.2332582	Other	NA	Electronic	0.86729	0.86768
NZDCAD	16-08-18	15:32-17:30			0.86707	16-08-18 15:53	604.2332582	Other	NA	Electronic	0.86707	0.8675
NZDCAD	17-08-18	09:32-11:30			0.8675	17-08-18 09:48	9063.498873	Other	NA	Electronic	0.8675	0.86792
NZDCAD	17-08-18	11:32-13:30			0.86832	17-08-18 12:08	1208.466516	Other	NA	Electronic	0.86794	0.86832
NZDCAD	17-08-18	13:32-15:30			0.86391	17-08-18 13:42	30211.66291	Other	NA	Electronic	0.86391	0.86431
NZDCAD	17-08-18	15:32-17:30			0.86443	17-08-18 16:15	1208.466516	Other	NA	Electronic	0.86443	0.86485
NZDCAD	20-08-18	09:32-11:30			0.86489	20-08-18 09:35	6042.332582	Other	NA	Electronic	0.86489	0.8653
NZDCAD	20-08-18	11:32-13:30			0.86561	20-08-18 12:20	3021.166291	Other	NA	Electronic	0.86521	0.86561
NZDCAD	20-08-18	13:32-15:30			0.86609	20-08-18 13:36	3021.166291	Other	NA	Electronic	0.86609	0.86651
NZDCAD	20-08-18	15:32-17:30			0.86521	20-08-18 15:41	18126.99775	Other	NA	Electronic	0.8648	0.86521
NZDCAD	21-08-18	09:32-11:30			0.86869	21-08-18 09:36	9063.498873	Other	NA	Electronic	0.86828	0.86869
NZDCAD	21-08-18	11:32-13:30			0.86746	21-08-18 11:38	604.2332582	Other	NA	Electronic	0.86746	0.86788
NZDCAD	21-08-18	13:32-15:30			0.86917	21-08-18 13:48	2416.933033	Other	NA	Electronic	0.86917	0.86958
NZDCAD	21-08-18	15:32-17:30			0.87117	21-08-18 15:38	604.2332582	Other	NA	Electronic	0.87117	0.87158
NZDCAD	22-08-18	09:32-11:30			0.87156	22-08-18 11:00	1208.466516	Other	NA	Electronic	0.87115	0.87156

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NZDCAD	22-08-18	11:32-13:30			0.87279	22-08-18 11:50	604.2332582	Other	NA	Electronic	0.87279	0.87318
NZDCAD	22-08-18	13:32-15:30			0.87225	22-08-18 13:36	21148.16404	Other	NA	Electronic	0.87225	0.87265
NZDCAD	22-08-18	15:32-17:30			0.87176	22-08-18 16:47	604.2332582	Other	NA	Electronic	0.87135	0.87176
NZDCAD	23-08-18	09:30-09:32	0.86972	1208.466516								
NZDCAD	23-08-18	11:32-13:30			0.87008	23-08-18 11:47	2416.933033	Other	NA	Electronic	0.86968	0.87008
NZDCAD	23-08-18	13:32-15:30			0.86926	23-08-18 14:00	12084.66516	Other	NA	Electronic	0.86926	0.86967
NZDCAD	23-08-18	15:32-17:30			0.86817	23-08-18 16:23	604.2332582	Other	NA	Electronic	0.86776	0.86817
NZDCAD	24-08-18	09:32-11:30			0.8693	24-08-18 10:06	1208.466516	Other	NA	Electronic	0.8693	0.8697
NZDCAD	24-08-18	11:32-13:30			0.87138	24-08-18 12:12	1812.699775	Other	NA	Electronic	0.87095	0.87137
NZDCAD	24-08-18	13:32-15:30			0.86965	24-08-18 13:44	3021.166291	Other	NA	Electronic	0.86965	0.87006
NZDCAD	24-08-18	15:32-17:30			0.87117	24-08-18 16:01	1208.466516	Other	NA	Electronic	0.87117	0.87159
NZDCAD	27-08-18	09:32-11:30			0.87021	27-08-18 10:13	1208.466516	Other	NA	Electronic	0.87021	0.87063
NZDCAD	27-08-18	11:32-13:30			0.87151	27-08-18 11:56	1208.466516	Other	NA	Electronic	0.87151	0.87193
NZDCAD	27-08-18	13:32-15:30			0.87166	27-08-18 13:38	604.2332582	Other	NA	Electronic	0.87124	0.87166
NZDCAD	27-08-18	15:32-17:30			0.86902	27-08-18 15:44	604.2332582	Other	NA	Electronic	0.86861	0.86902

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NZDCAD	28-08-18	09:32-11:30			0.86818	28-08-18 09:47	604.2332582	Other	NA	Electronic	0.86779	0.86818
NZDCAD	28-08-18	11:32-13:30			0.86789	28-08-18 11:33	12084.66516	Other	NA	Electronic	0.86748	0.86789
NZDCAD	28-08-18	13:32-15:30			0.86661	28-08-18 13:34	604.2332582	Other	NA	Electronic	0.86661	0.86701
NZDCAD	28-08-18	15:32-17:30			0.86844	28-08-18 15:56	604.2332582	Other	NA	Electronic	0.86803	0.86844
NZDCAD	29-08-18	09:32-11:30			0.86721	29-08-18 09:33	9063.498873	Other	NA	Electronic	0.86721	0.86763
NZDCAD	29-08-18	11:32-13:30			0.86674	29-08-18 12:15	604.2332582	Other	NA	Electronic	0.86674	0.86715
NZDCAD	29-08-18	13:30-13:32	0.86583	1208.466516								
NZDCAD	29-08-18	15:32-17:30			0.86705	29-08-18 15:57	1812.699775	Other	NA	Electronic	0.86705	0.86746
NZDCAD	30-08-18	09:32-11:30			0.8615	30-08-18 09:34	604.2332582	Other	NA	Electronic	0.86109	0.8615
NZDCAD	30-08-18	11:32-13:30			0.86117	30-08-18 11:48	1208.466516	Other	NA	Electronic	0.86117	0.86156
NZDCAD	30-08-18	13:32-15:30			0.86414	30-08-18 13:41	1208.466516	Other	NA	Electronic	0.86373	0.86414
NZDCAD	30-08-18	15:30-15:32	0.8628	604.2332582								
NZDCAD	31-08-18	09:30-09:32	0.8639	1812.699775								
NZDCAD	31-08-18	11:30-11:32	0.86251	1208.466516								
NZDCAD	31-08-18	13:32-15:30			0.86612	31-08-18 13:36	604.2332582	Other	NA	Electronic	0.86572	0.86612

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NZDCAD	31-08-18	15:32-17:30			0.86558	31-08-18 15:33	12084.66516	Other	NA	Electronic	0.86558	0.866
NZDCAD	03-09-18	09:32-11:30			0.8633	03-09-18 10:51	604.2332582	Other	NA	Electronic	0.86289	0.8633
NZDCAD	03-09-18	11:32-13:30			0.86445	03-09-18 12:40	1812.699775	Other	NA	Electronic	0.86404	0.86445
NZDCAD	03-09-18	13:32-15:30			0.86327	03-09-18 14:07	604.2332582	Other	NA	Electronic	0.86327	0.86367
NZDCAD	03-09-18	15:32-17:30			0.86449	03-09-18 15:32	1812.699775	Other	NA	Electronic	0.86449	0.86492
NZDCAD	04-09-18	09:32-11:30			0.86123	04-09-18 09:37	604.2332582	Other	NA	Electronic	0.86082	0.86123
NZDCAD	04-09-18	11:32-13:30			0.86195	04-09-18 11:33	604.2332582	Other	NA	Electronic	0.86154	0.86195
NZDCAD	04-09-18	13:32-15:30			0.8641	04-09-18 13:40	1812.699775	Other	NA	Electronic	0.86369	0.8641
NZDCAD	04-09-18	15:32-17:30			0.8631	04-09-18 15:32	12084.66516	Other	NA	Electronic	0.86272	0.8631
NZDCAD	05-09-18	09:32-11:30			0.86463	05-09-18 09:40	1208.466516	Other	NA	Electronic	0.86463	0.86504
NZDCAD	05-09-18	11:32-13:30			0.86564	05-09-18 12:33	1812.699775	Other	NA	Electronic	0.86564	0.86605
NZDCAD	05-09-18	13:32-15:30			0.86592	05-09-18 13:34	7250.799098	Other	NA	Electronic	0.86592	0.86633
NZDCAD	05-09-18	15:32-17:30			0.86843	05-09-18 15:42	1208.466516	Other	NA	Electronic	0.868	0.86843
NZDCAD	06-09-18	09:32-11:30			0.86915	06-09-18 09:39	2416.933033	Other	NA	Electronic	0.86874	0.86915
NZDCAD	06-09-18	11:32-13:30			0.86993	06-09-18 11:46	1208.466516	Other	NA	Electronic	0.86953	0.86993

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NZDCAD	06-09-18	13:32-15:30			0.86958	06-09-18 13:34	604.2332582	Other	NA	Electronic	0.86916	0.86958
NZDCAD	06-09-18	15:32-17:30			0.87169	06-09-18 15:41	604.2332582	Other	NA	Electronic	0.87127	0.87169
NZDCAD	07-09-18	09:32-11:30			0.86423	07-09-18 09:33	604.2332582	Other	NA	Electronic	0.86381	0.86423
NZDCAD	07-09-18	11:32-13:30			0.86342	07-09-18 11:46	3021.166291	Other	NA	Electronic	0.863	0.86342
NZDCAD	07-09-18	13:32-15:30			0.86225	07-09-18 13:33	604.2332582	Other	NA	Electronic	0.86225	0.86267
NZDCAD	07-09-18	15:32-17:30			0.8628	07-09-18 15:51	604.2332582	Other	NA	Electronic	0.86241	0.8628
NZDCAD	10-09-18	09:32-11:30			0.86161	10-09-18 09:41	604.2332582	Other	NA	Electronic	0.86122	0.86164
NZDCAD	10-09-18	11:32-13:30			0.86191	10-09-18 11:44	604.2332582	Other	NA	Electronic	0.86149	0.86191
NZDCAD	10-09-18	13:32-15:30			0.86066	10-09-18 13:34	1208.466516	Other	NA	Electronic	0.86066	0.86107
NZDCAD	10-09-18	15:32-17:30			0.86032	10-09-18 15:35	604.2332582	Other	NA	Electronic	0.86032	0.86072
NZDCAD	11-09-18	09:32-11:30			0.85796	11-09-18 09:35	604.2332582	Other	NA	Electronic	0.85796	0.85835
NZDCAD	11-09-18	11:32-13:30			0.85743	11-09-18 11:33	6042.332582	Other	NA	Electronic	0.85702	0.85743
NZDCAD	11-09-18	13:32-15:30			0.85634	11-09-18 13:35	12084.66516	Other	NA	Electronic	0.85592	0.85634
NZDCAD	11-09-18	15:32-17:30			0.85445	11-09-18 15:36	604.2332582	Other	NA	Electronic	0.85445	0.85484
NZDCAD	12-09-18	09:32-11:30			0.85147	12-09-18 09:42	604.2332582	Other	NA	Electronic	0.85147	0.85186



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NZDCAD	12-09-18	11:32-13:30			0.85178	12-09-18 11:43	60423.32582	Other	NA	Electronic	0.85136	0.85178
NZDCAD	12-09-18	13:32-15:30			0.85162	12-09-18 13:40	60423.32582	Other	NA	Electronic	0.8512	0.85162
NZDCAD	12-09-18	15:32-17:30			0.85242	12-09-18 15:34	3021.166291	Other	NA	Electronic	0.85202	0.85242
NZDCAD	13-09-18	09:32-11:30			0.85238	13-09-18 09:37	1208.466516	Other	NA	Electronic	0.85196	0.85238
NZDCAD	13-09-18	11:32-13:30			0.85142	13-09-18 12:09	604.2332582	Other	NA	Electronic	0.85142	0.85182
NZDCAD	13-09-18	13:32-15:30			0.85539	13-09-18 13:32	604.2332582	Other	NA	Electronic	0.85498	0.85539
NZDCAD	13-09-18	15:30-15:32	0.8529	3021.166291								
NZDCAD	14-09-18	09:32-11:30			0.8561	14-09-18 09:37	604.2332582	Other	NA	Electronic	0.8561	0.85651
NZDCAD	14-09-18	11:30-11:32	0.85507	6042.332582								
NZDCAD	14-09-18	13:32-15:30			0.85567	14-09-18 13:54	2416.933033	Other	NA	Electronic	0.85526	0.85567
NZDCAD	14-09-18	15:32-17:30			0.85509	14-09-18 15:40	2416.933033	Other	NA	Electronic	0.85509	0.8555
NZDCAD	17-09-18	09:32-11:30			0.85614	17-09-18 09:43	3021.166291	Other	NA	Electronic	0.85573	0.85614
NZDCAD	17-09-18	11:32-13:30			0.85572	17-09-18 11:40	1208.466516	Other	NA	Electronic	0.85572	0.85613
NZDCAD	17-09-18	13:32-15:30			0.85675	17-09-18 13:45	6042.332582	Other	NA	Electronic	0.85675	0.85715
NZDCAD	17-09-18	15:32-17:30			0.85686	17-09-18 15:53	1208.466516	Other	NA	Electronic	0.85686	0.85727

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NZDCAD	18-09-18	09:32-11:30			0.85849	18-09-18 09:45	604.2332582	Other	NA	Electronic	0.85849	0.85891
NZDCAD	18-09-18	11:32-13:30			0.85878	18-09-18 11:50	3021.166291	Other	NA	Electronic	0.85878	0.85919
NZDCAD	18-09-18	13:32-15:30			0.85634	18-09-18 13:33	604.2332582	Other	NA	Electronic	0.85634	0.85676
NZDCAD	18-09-18	15:32-17:30			0.85561	18-09-18 15:50	604.2332582	Other	NA	Electronic	0.8552	0.85561
NZDCAD	19-09-18	09:30-09:32	0.85572	1812.699775								
NZDCAD	19-09-18	11:32-13:30			0.85561	19-09-18 11:36	6042.332582	Other	NA	Electronic	0.8552	0.85561
NZDCAD	19-09-18	13:32-15:30			0.85674	19-09-18 14:24	604.2332582	Other	NA	Electronic	0.85674	0.85752
NZDCAD	19-09-18	15:30-15:32	0.85649	604.2332582								
NZDCAD	20-09-18	09:32-11:30			0.85963	20-09-18 09:38	1208.466516	Other	NA	Electronic	0.85963	0.86004
NZDCAD	20-09-18	11:32-13:30			0.86098	20-09-18 11:34	3021.166291	Other	NA	Electronic	0.86058	0.86098
NZDCAD	20-09-18	13:32-15:30			0.86061	20-09-18 13:54	604.2332582	Other	NA	Electronic	0.86061	0.86103
NZDCAD	20-09-18	15:32-17:30			0.86169	20-09-18 15:47	3021.166291	Other	NA	Electronic	0.86128	0.86169
NZDCAD	21-09-18	09:32-11:30			0.86451	21-09-18 09:45	1208.466516	Other	NA	Electronic	0.8641	0.86451
NZDCAD	21-09-18	11:32-13:30			0.86282	21-09-18 12:01	1208.466516	Other	NA	Electronic	0.86282	0.86323
NZDCAD	21-09-18	13:32-15:30			0.86158	21-09-18 13:35	604.2332582	Other	NA	Electronic	0.86158	0.86198

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NZDCAD	21-09-18	15:30-15:32	0.86258	9063.498873								
NZDCAD	24-09-18	09:30-09:32	0.86241	1208.466516								
NZDCAD	24-09-18	11:32-13:30			0.86296	24-09-18 11:46	604.2332582	Other	NA	Electronic	0.86297	0.86338
NZDCAD	24-09-18	13:32-15:30			0.86041	24-09-18 14:00	604.2332582	Other	NA	Electronic	0.86041	0.86083
NZDCAD	24-09-18	15:32-17:30			0.86032	24-09-18 15:45	120846.6516	Other	NA	Electronic	0.85991	0.86032
NZDCAD	25-09-18	09:32-11:30			0.8606	25-09-18 10:18	604.2332582	Other	NA	Electronic	0.8606	0.86102
NZDCAD	25-09-18	11:30-11:32	0.86243	604.2332582								
NZDCAD	25-09-18	13:32-15:30			0.86076	25-09-18 14:13	15105.83146	Other	NA	Electronic	0.86076	0.86116
NZDCAD	25-09-18	15:32-17:30			0.86028	25-09-18 15:49	604.2332582	Other	NA	Electronic	0.86028	0.8607
NZDCAD	26-09-18	09:32-11:30			0.86217	26-09-18 11:11	4229.632807	Other	NA	Electronic	0.86176	0.86217
NZDCAD	26-09-18	11:32-13:30			0.86156	26-09-18 11:54	604.2332582	Other	NA	Electronic	0.86156	0.86199
NZDCAD	26-09-18	13:32-15:30			0.86153	26-09-18 13:42	604.2332582	Other	NA	Electronic	0.86112	0.86153
NZDCAD	26-09-18	15:32-17:30			0.86306	26-09-18 16:00	604.2332582	Other	NA	Electronic	0.86267	0.86306
NZDCAD	27-09-18	09:32-11:30			0.86707	27-09-18 09:37	1208.466516	Other	NA	Electronic	0.86665	0.86707
NZDCAD	27-09-18	11:32-13:30			0.86731	27-09-18 11:37	12084.66516	Other	NA	Electronic	0.8669	0.86731

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCAD	27-09-18	13:32-15:30			0.86651	27-09-18 14:22	12084.66516	Other	NA	Electronic	0.8661	0.86651
NZDCAD	27-09-18	15:32-17:30			0.86459	27-09-18 15:33	3021.166291	Other	NA	Electronic	0.86418	0.86459
NZDCAD	28-09-18	09:32-11:30			0.85994	28-09-18 09:43	604.2332582	Other	NA	Electronic	0.85994	0.86035
NZDCAD	28-09-18	11:32-13:30			0.86076	28-09-18 12:14	604.2332582	Other	NA	Electronic	0.86037	0.86076
NZDCAD	28-09-18	13:32-15:30			0.85782	28-09-18 13:39	60423.32582	Other	NA	Electronic	0.85742	0.85782
NZDCAD	28-09-18	15:32-17:30			0.85728	28-09-18 15:58	6042.332582	Other	NA	Electronic	0.85728	0.8577
NZDCAD.	02-07-18	09:32-11:30			0.88812	02-07-18 09:36	24169.33033	Other	NA	Electronic	0.88793	0.88813
NZDCAD.	02-07-18	11:32-13:30			0.886	02-07-18 11:38	2416.933033	Other	NA	Electronic	0.88582	0.886
NZDCAD.	02-07-18	13:30-13:32	0.8851	4833.866066								
NZDCAD.	02-07-18	15:32-17:30			0.8843	02-07-18 16:45	2416.933033	Other	NA	Electronic	0.88429	0.88448
NZDCAD.	03-07-18	09:32-11:30			0.88722	03-07-18 09:45	604.2332582	Other	NA	Electronic	0.88705	0.88722
NZDCAD.	03-07-18	11:32-13:30			0.8862	03-07-18 11:47	6042.332582	Other	NA	Electronic	0.886	0.8862
NZDCAD.	03-07-18	13:30-13:32	0.88582	2416.933033								
NZDCAD.	03-07-18	15:32-17:30			0.88859	03-07-18 15:33	1208.466516	Other	NA	Electronic	0.88859	0.88878
NZDCAD.	04-07-18	09:32-11:30			0.89078	04-07-18 09:44	604.2332582	Other	NA	Electronic	0.89054	0.89078

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NZDCAD.	04-07-18	11:32-13:30			0.88877	04-07-18 11:42	604.2332582	Other	NA	Electronic	0.88877	0.88898
NZDCAD.	04-07-18	13:32-15:30			0.88833	04-07-18 13:50	604.2332582	Other	NA	Electronic	0.88833	0.88855
NZDCAD.	04-07-18	15:32-17:30			0.88873	04-07-18 16:19	3021.166291	Other	NA	Electronic	0.88872	0.88895
NZDCAD.	05-07-18	09:32-11:30			0.89153	05-07-18 10:10	1208.466516	Other	NA	Electronic	0.89153	0.89173
NZDCAD.	05-07-18	11:32-13:30			0.8913	05-07-18 12:19	604.2332582	Other	NA	Electronic	0.89113	0.8913
NZDCAD.	05-07-18	13:32-15:30			0.89073	05-07-18 14:30	604.2332582	Other	NA	Electronic	0.89053	0.89073
NZDCAD.	06-07-18	09:32-11:30			0.89617	06-07-18 10:40	604.2332582	Other	NA	Electronic	0.89599	0.89618
NZDCAD.	06-07-18	11:32-13:30			0.89573	06-07-18 11:48	3021.166291	Other	NA	Electronic	0.89555	0.89573
NZDCAD.	06-07-18	13:32-15:30			0.89547	06-07-18 14:02	3021.166291	Other	NA	Electronic	0.89529	0.89547
NZDCAD.	06-07-18	15:32-17:30			0.89391	06-07-18 15:41	604.2332582	Other	NA	Electronic	0.89373	0.89391
NZDCAD.	09-07-18	11:32-13:30			0.89645	09-07-18 11:42	4833.866066	Other	NA	Electronic	0.89628	0.89647
NZDCAD.	09-07-18	15:32-17:30			0.89658	09-07-18 15:43	60423.32582	Other	NA	Electronic	0.89641	0.89658
NZDCAD.	10-07-18	09:32-11:30			0.89553	10-07-18 10:33	604.2332582	Other	NA	Electronic	0.89553	0.89572
NZDCAD.	10-07-18	11:32-13:30			0.89405	10-07-18 11:38	604.2332582	Other	NA	Electronic	0.89391	0.89405
NZDCAD.	10-07-18	13:32-15:30			0.89661	10-07-18 13:53	604.2332582	Other	NA	Electronic	0.89661	0.89677

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NZDCAD.	11-07-18	09:32-11:30			0.8942	11-07-18 10:05	604.2332582	Other	NA	Electronic	0.89401	0.8942
NZDCAD.	11-07-18	11:32-13:30			0.89306	11-07-18 11:54	604.2332582	Other	NA	Electronic	0.89286	0.89306
NZDCAD.	11-07-18	13:32-15:30			0.8928	11-07-18 13:43	2416.933033	Other	NA	Electronic	0.89264	0.8928
NZDCAD.	11-07-18	15:32-17:30			0.89084	11-07-18 16:57	3021.166291	Other	NA	Electronic	0.89084	0.89104
NZDCAD.	12-07-18	09:32-11:30			0.89204	12-07-18 10:28	3021.166291	Other	NA	Electronic	0.89203	0.89221
NZDCAD.	12-07-18	11:32-13:30			0.89081	12-07-18 11:34	604.2332582	Other	NA	Electronic	0.89081	0.89099
NZDCAD.	12-07-18	13:32-15:30			0.89097	12-07-18 14:10	604.2332582	Other	NA	Electronic	0.89078	0.89097
NZDCAD.	12-07-18	15:30-15:32	0.89147	604.2332582								
NZDCAD.	13-07-18	11:32-13:30			0.88807	13-07-18 11:35	3021.166291	Other	NA	Electronic	0.88807	0.88825
NZDCAD.	13-07-18	13:32-15:30			0.88829	13-07-18 14:20	604.2332582	Other	NA	Electronic	0.8883	0.88848
NZDCAD.	16-07-18	09:32-11:30			0.89186	16-07-18 10:25	604.2332582	Other	NA	Electronic	0.89167	0.89186
NZDCAD.	16-07-18	11:32-13:30			0.89167	16-07-18 12:00	2416.933033	Other	NA	Electronic	0.89167	0.89185
NZDCAD.	16-07-18	13:32-15:30			0.89032	16-07-18 14:27	604.2332582	Other	NA	Electronic	0.89033	0.89051
NZDCAD.	16-07-18	15:32-17:30			0.88919	16-07-18 16:00	2416.933033	Other	NA	Electronic	0.88901	0.88919
NZDCAD.	17-07-18	09:32-11:30			0.89676	17-07-18 10:10	1208.466516	Other	NA	Electronic	0.89676	0.89694

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NZDCAD.	17-07-18	13:32-15:30			0.89452	17-07-18 14:40	604.2332582	Other	NA	Electronic	0.89435	0.89452
NZDCAD.	17-07-18	15:32-17:30			0.89672	17-07-18 15:39	604.2332582	Other	NA	Electronic	0.89655	0.89672
NZDCAD.	18-07-18	09:32-11:30			0.89539	18-07-18 09:46	604.2332582	Other	NA	Electronic	0.89537	0.89544
NZDCAD.	18-07-18	11:32-13:30			0.89592	18-07-18 12:00	604.2332582	Other	NA	Electronic	0.89592	0.89612
NZDCAD.	18-07-18	13:32-15:30			0.89692	18-07-18 13:40	604.2332582	Other	NA	Electronic	0.89692	0.89711
NZDCAD.	18-07-18	15:32-17:30			0.89608	18-07-18 16:47	2416.933033	Other	NA	Electronic	0.89609	0.89629
NZDCAD.	19-07-18	09:30-09:32	0.89073	604.2332582								
NZDCAD.	19-07-18	11:32-13:30			0.89121	19-07-18 12:02	604.2332582	Other	NA	Electronic	0.89121	0.89138
NZDCAD.	19-07-18	13:32-15:30			0.89056	19-07-18 13:57	604.2332582	Other	NA	Electronic	0.89056	0.89074
NZDCAD.	19-07-18	15:32-17:30			0.89228	19-07-18 16:45	604.2332582	Other	NA	Electronic	0.89228	0.89247
NZDCAD.	20-07-18	09:32-11:30			0.89589	20-07-18 09:59	604.2332582	Other	NA	Electronic	0.89589	0.89608
NZDCAD.	20-07-18	11:32-13:30			0.89518	20-07-18 11:35	1812.699775	Other	NA	Electronic	0.89518	0.89535
NZDCAD.	20-07-18	13:32-15:30			0.89225	20-07-18 13:56	604.2332582	Other	NA	Electronic	0.89207	0.89225
NZDCAD.	20-07-18	15:32-17:30			0.89463	20-07-18 15:58	604.2332582	Other	NA	Electronic	0.89463	0.89479
NZDCAD.	23-07-18	09:32-11:30			0.89464	23-07-18 10:25	604.2332582	Other	NA	Electronic	0.89445	0.89464

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NZDCAD.	23-07-18	11:32-13:30			0.89414	23-07-18 12:37	604.2332582	Other	NA	Electronic	0.89395	0.89414
NZDCAD.	23-07-18	13:32-15:30			0.89338	23-07-18 13:35	1208.466516	Other	NA	Electronic	0.89338	0.89356
NZDCAD.	23-07-18	15:32-17:30			0.89238	23-07-18 15:54	604.2332582	Other	NA	Electronic	0.89238	0.89257
NZDCAD.	24-07-18	09:32-11:30			0.89508	24-07-18 11:05	604.2332582	Other	NA	Electronic	0.89508	0.89525
NZDCAD.	24-07-18	11:32-13:30			0.89526	24-07-18 12:00	2416.933033	Other	NA	Electronic	0.89526	0.89544
NZDCAD.	24-07-18	13:32-15:30			0.89536	24-07-18 13:36	604.2332582	Other	NA	Electronic	0.8952	0.89536
NZDCAD.	24-07-18	15:32-17:30			0.89472	24-07-18 16:34	604.2332582	Other	NA	Electronic	0.89474	0.89491
NZDCAD.	25-07-18	09:30-09:32	0.8949	604.2332582								
NZDCAD.	25-07-18	11:32-13:30			0.89341	25-07-18 12:00	2416.933033	Other	NA	Electronic	0.89323	0.89341
NZDCAD.	25-07-18	13:32-15:30			0.8915	25-07-18 13:59	604.2332582	Other	NA	Electronic	0.8915	0.89168
NZDCAD.	25-07-18	15:32-17:30			0.89215	25-07-18 15:34	6042.332582	Other	NA	Electronic	0.89215	0.89234
NZDCAD.	26-07-18	09:32-11:30			0.88974	26-07-18 09:39	1812.699775	Other	NA	Electronic	0.88974	0.88993
NZDCAD.	26-07-18	11:32-13:30			0.89035	26-07-18 11:57	2416.933033	Other	NA	Electronic	0.89016	0.89035
NZDCAD.	26-07-18	13:30-13:32	0.88817	15105.83146								
NZDCAD.	27-07-18	09:30-09:32	0.8844	604.2332582								



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NZDCAD.	27-07-18	11:32-13:30			0.88297	27-07-18 12:29	1208.466516	Other	NA	Electronic	0.88297	0.88518
NZDCAD.	27-07-18	13:30-13:32	0.88654	18126.99775								
NZDCAD.	30-07-18	13:32-15:30			0.88763	30-07-18 14:56	1208.466516	Other	NA	Electronic	0.88763	0.88781
NZDCAD.	30-07-18	15:32-17:30			0.88898	30-07-18 15:56	604.2332582	Other	NA	Electronic	0.88879	0.88898
NZDCAD.	31-07-18	09:32-11:30			0.8886	31-07-18 10:43	30211.66291	Other	NA	Electronic	0.88841	0.8886
NZDCAD.	31-07-18	11:32-13:30			0.88568	31-07-18 12:30	3625.399549	Other	NA	Electronic	0.88568	0.8879
NZDCAD.	31-07-18	15:32-17:30			0.88666	31-07-18 15:59	604.2332582	Other	NA	Electronic	0.88651	0.88666
NZDCAD.	01-08-18	09:30-09:32	0.88582	6042.332582								
NZDCAD.	01-08-18	11:32-13:30			0.88594	01-08-18 12:07	12688.89842	Other	NA	Electronic	0.88594	0.88614
NZDCAD.	01-08-18	13:32-15:30			0.88521	01-08-18 13:33	2416.933033	Other	NA	Electronic	0.88502	0.88521
NZDCAD.	01-08-18	15:32-17:30			0.88342	01-08-18 15:32	604.2332582	Other	NA	Electronic	0.88322	0.88342
NZDCAD.	02-08-18	09:32-11:30			0.88009	02-08-18 09:46	12688.89842	Other	NA	Electronic	0.87991	0.88009
NZDCAD.	02-08-18	11:32-13:30			0.88031	02-08-18 11:43	90634.98873	Other	NA	Electronic	0.88031	0.88049
NZDCAD.	02-08-18	13:32-15:30			0.87953	02-08-18 13:51	60423.32582	Other	NA	Electronic	0.87935	0.87953
NZDCAD.	02-08-18	15:32-17:30			0.87761	02-08-18 16:57	1812.699775	Other	NA	Electronic	0.8774	0.87761

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NZDCAD.	03-08-18	09:32-11:30			0.87636	03-08-18 10:15	10876.19865	Other	NA	Electronic	0.87618	0.87636
NZDCAD.	03-08-18	11:32-13:30			0.87842	03-08-18 11:41	1208.466516	Other	NA	Electronic	0.87822	0.87842
NZDCAD.	03-08-18	13:32-15:30			0.87556	03-08-18 13:37	3021.166291	Other	NA	Electronic	0.87538	0.87556
NZDCAD.	03-08-18	15:32-17:30			0.87672	03-08-18 16:20	604.2332582	Other	NA	Electronic	0.87655	0.87674
NZDCAD.	06-08-18	09:32-11:30			0.87602	06-08-18 11:25	2416.933033	Other	NA	Electronic	0.87583	0.87602
NZDCAD.	06-08-18	11:32-13:30			0.8767	06-08-18 13:04	3021.166291	Other	NA	Electronic	0.8767	0.87689
NZDCAD.	07-08-18	09:32-11:30			0.87557	07-08-18 11:26	604.2332582	Other	NA	Electronic	0.87539	0.87557
NZDCAD.	07-08-18	11:32-13:30			0.87561	07-08-18 12:41	604.2332582	Other	NA	Electronic	0.87542	0.87561
NZDCAD.	07-08-18	13:32-15:30			0.87721	07-08-18 15:01	3021.166291	Other	NA	Electronic	0.87721	0.8774
NZDCAD.	07-08-18	15:32-17:30			0.87734	07-08-18 16:05	604.2332582	Other	NA	Electronic	0.87734	0.87754
NZDCAD.	08-08-18	13:32-15:30			0.88017	08-08-18 14:33	1208.466516	Other	NA	Electronic	0.88017	0.88033
NZDCAD.	09-08-18	13:32-15:30			0.86475	09-08-18 13:34	2416.933033	Other	NA	Electronic	0.86458	0.86475
NZDCAD.	10-08-18	09:32-11:30			0.86402	10-08-18 10:53	1208.466516	Other	NA	Electronic	0.86402	0.86418
NZDCAD.	10-08-18	11:32-13:30			0.86406	10-08-18 12:04	1208.466516	Other	NA	Electronic	0.86389	0.86406
NZDCAD.	10-08-18	13:32-15:30			0.86611	10-08-18 14:07	1208.466516	Other	NA	Electronic	0.86611	0.8663

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NZDCAD.	10-08-18	15:32-17:30			0.86555	10-08-18 17:21	4833.866066	Other	NA	Electronic	0.86555	0.86574
NZDCAD.	13-08-18	11:32-13:30			0.86526	13-08-18 11:33	3021.166291	Other	NA	Electronic	0.86508	0.86526
NZDCAD.	13-08-18	13:32-15:30			0.86356	13-08-18 14:50	604.2332582	Other	NA	Electronic	0.8634	0.86356
NZDCAD.	14-08-18	09:32-11:30			0.86355	14-08-18 10:00	1812.699775	Other	NA	Electronic	0.86355	0.86372
NZDCAD.	14-08-18	11:32-13:30			0.86399	14-08-18 12:53	604.2332582	Other	NA	Electronic	0.86382	0.86399
NZDCAD.	14-08-18	13:32-15:30			0.86318	14-08-18 14:41	3021.166291	Other	NA	Electronic	0.86318	0.86335
NZDCAD.	14-08-18	15:32-17:30			0.86325	14-08-18 15:38	1208.466516	Other	NA	Electronic	0.86309	0.86325
NZDCAD.	15-08-18	09:32-11:30			0.85803	15-08-18 09:55	6042.332582	Other	NA	Electronic	0.85785	0.85803
NZDCAD.	15-08-18	11:30-11:32	0.85847	4833.866066								
NZDCAD.	15-08-18	13:32-15:30			0.86029	15-08-18 13:45	3021.166291	Other	NA	Electronic	0.86015	0.86029
NZDCAD.	16-08-18	09:32-11:30			0.86461	16-08-18 10:13	1208.466516	Other	NA	Electronic	0.86444	0.86461
NZDCAD.	16-08-18	11:32-13:30			0.86544	16-08-18 11:59	1812.699775	Other	NA	Electronic	0.86527	0.86544
NZDCAD.	16-08-18	13:32-15:30			0.86753	16-08-18 13:34	62236.0256	Other	NA	Electronic	0.86736	0.86753
NZDCAD.	16-08-18	15:32-17:30			0.86627	16-08-18 16:54	1812.699775	Other	NA	Electronic	0.86627	0.86645
NZDCAD.	17-08-18	09:32-11:30			0.86742	17-08-18 10:08	6646.56584	Other	NA	Electronic	0.86742	0.86756

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NZDCAD.	17-08-18	11:32-13:30			0.868	17-08-18 12:00	2416.933033	Other	NA	Electronic	0.868	0.86815
NZDCAD.	17-08-18	13:32-15:30			0.86424	17-08-18 13:37	12084.66516	Other	NA	Electronic	0.86424	0.8644
NZDCAD.	17-08-18	15:32-17:30			0.86494	17-08-18 17:29	30211.66291	Other	NA	Electronic	0.86494	0.86512
NZDCAD.	20-08-18	09:32-11:30			0.86555	20-08-18 11:08	604.2332582	Other	NA	Electronic	0.86538	0.86555
NZDCAD.	20-08-18	11:32-13:30			0.8666	20-08-18 12:36	3021.166291	Other	NA	Electronic	0.86644	0.8666
NZDCAD.	20-08-18	15:32-17:30			0.86587	20-08-18 16:40	604.2332582	Other	NA	Electronic	0.86587	0.86606
NZDCAD.	21-08-18	11:32-13:30			0.86761	21-08-18 11:38	1208.466516	Other	NA	Electronic	0.86761	0.86778
NZDCAD.	21-08-18	13:32-15:30			0.8694	21-08-18 13:36	1208.466516	Other	NA	Electronic	0.86923	0.8694
NZDCAD.	21-08-18	15:32-17:30			0.87123	21-08-18 15:49	604.2332582	Other	NA	Electronic	0.87123	0.8714
NZDCAD.	22-08-18	09:32-11:30			0.87222	22-08-18 11:12	604.2332582	Other	NA	Electronic	0.87222	0.87238
NZDCAD.	22-08-18	11:32-13:30			0.8735	22-08-18 12:01	3625.399549	Other	NA	Electronic	0.87333	0.8735
NZDCAD.	23-08-18	09:30-09:32	0.86984	604.2332582								
NZDCAD.	23-08-18	11:32-13:30			0.8707	23-08-18 12:52	604.2332582	Other	NA	Electronic	0.8707	0.87087
NZDCAD.	23-08-18	13:32-15:30			0.8691	23-08-18 14:11	1812.699775	Other	NA	Electronic	0.86893	0.8691
NZDCAD.	23-08-18	15:32-17:30			0.86854	23-08-18 16:02	604.2332582	Other	NA	Electronic	0.86837	0.86854

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NZDCAD.	24-08-18	11:32-13:30			0.8711	24-08-18 11:46	4229.632807	Other	NA	Electronic	0.8711	0.87125
NZDCAD.	24-08-18	13:32-15:30			0.87008	24-08-18 14:00	2416.933033	Other	NA	Electronic	0.8699	0.87008
NZDCAD.	24-08-18	15:32-17:30			0.87166	24-08-18 15:45	604.2332582	Other	NA	Electronic	0.8715	0.87166
NZDCAD.	27-08-18	11:32-13:30			0.87173	27-08-18 12:15	1208.466516	Other	NA	Electronic	0.87173	0.8719
NZDCAD.	27-08-18	13:32-15:30			0.86857	27-08-18 15:00	2416.933033	Other	NA	Electronic	0.86839	0.86857
NZDCAD.	27-08-18	15:30-15:32	0.86907	604.2332582								
NZDCAD.	28-08-18	09:32-11:30			0.86805	28-08-18 09:35	1812.699775	Other	NA	Electronic	0.86805	0.86821
NZDCAD.	28-08-18	11:32-13:30			0.86624	28-08-18 12:38	604.2332582	Other	NA	Electronic	0.85998	0.86015
NZDCAD.	28-08-18	13:32-15:30			0.86731	28-08-18 14:04	604.2332582	Other	NA	Electronic	0.86715	0.86731
NZDCAD.	28-08-18	15:32-17:30			0.86763	28-08-18 16:07	1812.699775	Other	NA	Electronic	0.86747	0.86763
NZDCAD.	29-08-18	09:30-09:32	0.86741	1208.466516								
NZDCAD.	29-08-18	11:32-13:30			0.86584	29-08-18 12:55	604.2332582	Other	NA	Electronic	0.86566	0.86584
NZDCAD.	29-08-18	13:32-15:30			0.86623	29-08-18 13:59	604.2332582	Other	NA	Electronic	0.86623	0.86646
NZDCAD.	30-08-18	11:32-13:30			0.86419	30-08-18 12:30	604.2332582	Other	NA	Electronic	0.86345	0.86419
NZDCAD.	30-08-18	13:32-15:30			0.8633	30-08-18 14:46	604.2332582	Other	NA	Electronic	0.8633	0.86347

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NZDCAD.	30-08-18	15:32-17:30			0.86269	30-08-18 16:25	1208.466516	Other	NA	Electronic	0.86269	0.86287
NZDCAD.	31-08-18	09:32-11:30			0.86414	31-08-18 09:35	1208.466516	Other	NA	Electronic	0.86414	0.86431
NZDCAD.	31-08-18	11:30-11:32	0.86278	1208.466516								
NZDCAD.	31-08-18	13:32-15:30			0.86674	31-08-18 15:18	7250.799098	Other	NA	Electronic	0.86648	0.86674
NZDCAD.	31-08-18	15:32-17:30			0.86382	31-08-18 17:07	1208.466516	Other	NA	Electronic	0.86382	0.86401
NZDCAD.	03-09-18	09:32-11:30			0.86272	03-09-18 10:02	10271.96539	Other	NA	Electronic	0.86254	0.86272
NZDCAD.	03-09-18	11:32-13:30			0.86414	03-09-18 12:45	604.2332582	Other	NA	Electronic	0.86414	0.86432
NZDCAD.	03-09-18	15:32-17:30			0.8652	03-09-18 16:00	2416.933033	Other	NA	Electronic	0.8652	0.86536
NZDCAD.	04-09-18	09:32-11:30			0.86097	04-09-18 09:53	1812.699775	Other	NA	Electronic	0.8608	0.86097
NZDCAD.	04-09-18	11:32-13:30			0.86206	04-09-18 11:40	1812.699775	Other	NA	Electronic	0.86206	0.86222
NZDCAD.	04-09-18	13:32-15:30			0.86407	04-09-18 14:00	2416.933033	Other	NA	Electronic	0.86407	0.86596
NZDCAD.	04-09-18	15:32-17:30			0.86377	04-09-18 17:00	1208.466516	Other	NA	Electronic	0.86358	0.86377
NZDCAD.	05-09-18	11:32-13:30			0.86566	05-09-18 12:30	1812.699775	Other	NA	Electronic	0.86524	0.86566
NZDCAD.	05-09-18	13:32-15:30			0.86694	05-09-18 13:52	3625.399549	Other	NA	Electronic	0.86678	0.86694
NZDCAD.	05-09-18	15:32-17:30			0.86909	05-09-18 16:35	604.2332582	Other	NA	Electronic	0.86893	0.86909

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NZDCAD.	06-09-18	09:32-11:30			0.86838	06-09-18 10:58	604.2332582	Other	NA	Electronic	0.86838	0.86855
NZDCAD.	06-09-18	11:32-13:30			0.87017	06-09-18 12:28	604.2332582	Other	NA	Electronic	0.87001	0.87017
NZDCAD.	06-09-18	13:32-15:30			0.87071	06-09-18 14:36	3021.166291	Other	NA	Electronic	0.87055	0.87071
NZDCAD.	06-09-18	15:32-17:30			0.87084	06-09-18 16:51	1812.699775	Other	NA	Electronic	0.87084	0.87102
NZDCAD.	07-09-18	11:32-13:30			0.86315	07-09-18 13:07	604.2332582	Other	NA	Electronic	0.86315	0.86332
NZDCAD.	10-09-18	09:32-11:30			0.86209	10-09-18 10:09	6042.332582	Other	NA	Electronic	0.86192	0.86209
NZDCAD.	10-09-18	11:32-13:30			0.86229	10-09-18 12:12	604.2332582	Other	NA	Electronic	0.86212	0.86229
NZDCAD.	10-09-18	13:32-15:30			0.86091	10-09-18 13:34	9063.498873	Other	NA	Electronic	0.86074	0.86091
NZDCAD.	10-09-18	15:32-17:30			0.85825	10-09-18 17:23	604.2332582	Other	NA	Electronic	0.85826	0.85842
NZDCAD.	11-09-18	09:32-11:30			0.85727	11-09-18 11:00	2416.933033	Other	NA	Electronic	0.8571	0.85727
NZDCAD.	11-09-18	11:32-13:30			0.85721	11-09-18 11:37	604.2332582	Other	NA	Electronic	0.85704	0.85721
NZDCAD.	11-09-18	13:32-15:30			0.85571	11-09-18 13:33	6042.332582	Other	NA	Electronic	0.85571	0.85588
NZDCAD.	11-09-18	15:32-17:30			0.8549	11-09-18 15:41	604.2332582	Other	NA	Electronic	0.85474	0.8549
NZDCAD.	12-09-18	09:32-11:30			0.85015	12-09-18 11:04	604.2332582	Other	NA	Electronic	0.85015	0.85031
NZDCAD.	12-09-18	13:32-15:30			0.85156	12-09-18 13:43	1208.466516	Other	NA	Electronic	0.8514	0.85156

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NZDCAD.	12-09-18	15:32-17:30			0.8526	12-09-18 15:38	604.2332582	Other	NA	Electronic	0.85243	0.8526
NZDCAD.	13-09-18	11:32-13:30			0.85099	13-09-18 12:26	6042.332582	Other	NA	Electronic	0.85087	0.85099
NZDCAD.	13-09-18	13:32-15:30			0.85549	13-09-18 14:32	604.2332582	Other	NA	Electronic	0.85533	0.85549
NZDCAD.	13-09-18	15:32-17:30			0.85336	13-09-18 15:50	604.2332582	Other	NA	Electronic	0.85336	0.85353
NZDCAD.	14-09-18	09:32-11:30			0.85571	14-09-18 10:06	604.2332582	Other	NA	Electronic	0.85554	0.85571
NZDCAD.	14-09-18	11:32-13:30			0.85484	14-09-18 11:32	604.2332582	Other	NA	Electronic	0.85484	0.85499
NZDCAD.	14-09-18	13:32-15:30			0.85542	14-09-18 13:46	604.2332582	Other	NA	Electronic	0.85542	0.85557
NZDCAD.	14-09-18	15:32-17:30			0.85443	14-09-18 16:42	604.2332582	Other	NA	Electronic	0.85426	0.85443
NZDCAD.	17-09-18	09:32-11:30			0.85578	17-09-18 10:05	604.2332582	Other	NA	Electronic	0.85578	0.85596
NZDCAD.	17-09-18	11:32-13:30			0.85588	17-09-18 11:55	604.2332582	Other	NA	Electronic	0.85588	0.85605
NZDCAD.	17-09-18	13:32-15:30			0.85686	17-09-18 14:51	6042.332582	Other	NA	Electronic	0.85686	0.85703
NZDCAD.	17-09-18	15:32-17:30			0.85734	17-09-18 16:50	604.2332582	Other	NA	Electronic	0.85717	0.85734
NZDCAD.	18-09-18	11:32-13:30			0.85914	18-09-18 11:48	6042.332582	Other	NA	Electronic	0.85914	0.85929
NZDCAD.	18-09-18	13:32-15:30			0.85575	18-09-18 14:35	604.2332582	Other	NA	Electronic	0.85558	0.85575
NZDCAD.	18-09-18	15:32-17:30			0.85541	18-09-18 15:48	604.2332582	Other	NA	Electronic	0.85524	0.85541



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NZDCAD.	19-09-18	09:32-11:30			0.85617	19-09-18 09:48	1208.466516	Other	NA	Electronic	0.856	0.85617
NZDCAD.	19-09-18	15:32-17:30			0.85667	19-09-18 16:08	1812.699775	Other	NA	Electronic	0.8565	0.85667
NZDCAD.	20-09-18	09:32-11:30			0.85968	20-09-18 10:14	1812.699775	Other	NA	Electronic	0.85968	0.85984
NZDCAD.	20-09-18	11:32-13:30			0.86055	20-09-18 11:35	8459.265615	Other	NA	Electronic	0.86055	0.86073
NZDCAD.	20-09-18	13:32-15:30			0.86049	20-09-18 15:07	1208.466516	Other	NA	Electronic	0.86049	0.86065
NZDCAD.	20-09-18	15:32-17:30			0.86205	20-09-18 15:59	1208.466516	Other	NA	Electronic	0.86188	0.86205
NZDCAD.	21-09-18	09:32-11:30			0.8645	21-09-18 09:41	604.2332582	Other	NA	Electronic	0.86435	0.8645
NZDCAD.	21-09-18	11:32-13:30			0.86307	21-09-18 11:56	1208.466516	Other	NA	Electronic	0.8629	0.86307
NZDCAD.	21-09-18	13:32-15:30			0.86316	21-09-18 13:41	1208.466516	Other	NA	Electronic	0.86316	0.86334
NZDCAD.	24-09-18	09:32-11:30			0.86346	24-09-18 11:08	604.2332582	Other	NA	Electronic	0.86346	0.86364
NZDCAD.	24-09-18	13:32-15:30			0.86104	24-09-18 15:00	3021.166291	Other	NA	Electronic	0.86087	0.86104
NZDCAD.	24-09-18	15:30-15:32	0.85994	3021.166291								
NZDCAD.	25-09-18	09:32-11:30			0.86111	25-09-18 11:14	3021.166291	Other	NA	Electronic	0.86095	0.86111
NZDCAD.	25-09-18	13:32-15:30			0.86101	25-09-18 15:16	604.2332582	Other	NA	Electronic	0.86101	0.86117
NZDCAD.	26-09-18	11:32-13:30			0.86078	26-09-18 13:00	2416.933033	Other	NA	Electronic	0.86062	0.86078

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NZDCAD.	26-09-18	13:32-15:30			0.86135	26-09-18 14:01	604.2332582	Other	NA	Electronic	0.86135	0.86152
NZDCAD.	27-09-18	11:32-13:30			0.86569	27-09-18 13:23	604.2332582	Other	NA	Electronic	0.86569	0.86586
NZDCAD.	28-09-18	11:32-13:30			0.85917	28-09-18 12:30	60423.32582	Other	NA	Electronic	0.85917	0.8594
NZDCAD.	28-09-18	13:32-15:30			0.85757	28-09-18 14:00	1812.699775	Other	NA	Electronic	0.85739	0.85757
NZDCADmicro	02-07-18	09:32-11:30			0.88819	02-07-18 09:33	1208.466516	Other	NA	Electronic	0.88819	0.88861
NZDCADmicro	02-07-18	11:32-13:30			0.88604	02-07-18 11:32	3021.166291	Other	NA	Electronic	0.88604	0.88646
NZDCADmicro	02-07-18	13:30-13:32	0.88522	453.1749437								
NZDCADmicro	02-07-18	15:32-17:30			0.88473	02-07-18 15:38	604.2332582	Other	NA	Electronic	0.88473	0.88514
NZDCADmicro	03-07-18	09:30-09:32	0.88652	302.1166291								
NZDCADmicro	03-07-18	11:30-11:32	0.88548	1510.583146								
NZDCADmicro	03-07-18	13:30-13:32	0.88554	241.6933033								
NZDCADmicro	03-07-18	15:30-15:32	0.88883	1607.260467								
NZDCADmicro	04-07-18	09:32-11:30			0.89006	04-07-18 09:43	48.33866066	Other	NA	Electronic	0.89008	0.8905
NZDCADmicro	04-07-18	11:30-11:32	0.88856	604.2332582								
NZDCADmicro	04-07-18	13:32-15:30			0.88882	04-07-18 14:02	120.8466516	Other	NA	Electronic	0.88843	0.88884

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NZDCADmicro	04-07-18	15:32-17:30			0.88912	04-07-18 15:49	126.8889842	Other	NA	Electronic	0.88867	0.88912
NZDCADmicro	05-07-18	09:32-11:30			0.8923	05-07-18 09:39	181.2699775	Other	NA	Electronic	0.89188	0.8923
NZDCADmicro	05-07-18	11:32-13:30			0.89111	05-07-18 11:59	187.31231	Other	NA	Electronic	0.8907	0.89111
NZDCADmicro	05-07-18	13:30-13:32	0.89085	6.042332582								
NZDCADmicro	05-07-18	15:32-17:30			0.89104	05-07-18 15:36	483.3866066	Other	NA	Electronic	0.89104	0.89146
NZDCADmicro	06-07-18	09:30-09:32	0.89559	60.42332582								
NZDCADmicro	06-07-18	11:32-13:30			0.89557	06-07-18 11:32	60.42332582	Other	NA	Electronic	0.89557	0.89599
NZDCADmicro	06-07-18	13:32-15:30			0.89548	06-07-18 13:32	302.1166291	Other	NA	Electronic	0.89549	0.89591
NZDCADmicro	06-07-18	15:32-17:30			0.89416	06-07-18 15:39	199.3969752	Other	NA	Electronic	0.89374	0.89416
NZDCADmicro	09-07-18	09:32-11:30			0.89508	09-07-18 09:36	60.42332582	Other	NA	Electronic	0.89508	0.89548
NZDCADmicro	09-07-18	11:32-13:30			0.89634	09-07-18 11:37	60.42332582	Other	NA	Electronic	0.89592	0.89634
NZDCADmicro	09-07-18	13:32-15:30			0.89464	09-07-18 13:46	132.9313168	Other	NA	Electronic	0.89423	0.89464
NZDCADmicro	09-07-18	15:30-15:32	0.89622	604.2332582								
NZDCADmicro	10-07-18	09:30-09:32	0.89562	120.8466516								
NZDCADmicro	10-07-18	11:32-13:30			0.89417	10-07-18 11:38	120.8466516	Other	NA	Electronic	0.8938	0.89417

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NZDCADmicro	10-07-18	13:30-13:32	0.89674	4833.866066								
NZDCADmicro	10-07-18	15:32-17:30			0.8962	10-07-18 15:39	604.2332582	Other	NA	Electronic	0.8962	0.89661
NZDCADmicro	11-07-18	09:32-11:30			0.89501	11-07-18 09:35	308.1589617	Other	NA	Electronic	0.89458	0.89501
NZDCADmicro	11-07-18	11:32-13:30			0.8939	11-07-18 11:38	302.1166291	Other	NA	Electronic	0.89348	0.8939
NZDCADmicro	11-07-18	13:32-15:30			0.89253	11-07-18 13:34	3021.166291	Other	NA	Electronic	0.89212	0.89253
NZDCADmicro	11-07-18	15:32-17:30			0.89169	11-07-18 15:41	181.2699775	Other	NA	Electronic	0.89126	0.8917
NZDCADmicro	12-07-18	09:30-09:32	0.89219	6.042332582								
NZDCADmicro	12-07-18	11:32-13:30			0.89114	12-07-18 11:34	24.16933033	Other	NA	Electronic	0.89073	0.89114
NZDCADmicro	12-07-18	13:32-15:30			0.89204	12-07-18 13:34	2416.933033	Other	NA	Electronic	0.89161	0.89204
NZDCADmicro	12-07-18	15:32-17:30			0.8924	12-07-18 15:48	60.42332582	Other	NA	Electronic	0.89198	0.8924
NZDCADmicro	13-07-18	09:32-11:30			0.88819	13-07-18 09:35	3021.166291	Other	NA	Electronic	0.88819	0.88861
NZDCADmicro	13-07-18	11:32-13:30			0.88799	13-07-18 11:43	72.50799098	Other	NA	Electronic	0.88757	0.88799
NZDCADmicro	13-07-18	13:32-15:30			0.88891	13-07-18 13:33	12.08466516	Other	NA	Electronic	0.8885	0.88891
NZDCADmicro	13-07-18	15:32-17:30			0.89045	13-07-18 15:32	18.12699775	Other	NA	Electronic	0.89003	0.89044
NZDCADmicro	16-07-18	09:32-11:30			0.89187	16-07-18 09:39	525.6829346	Other	NA	Electronic	0.89144	0.89187

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	16-07-18	11:32-13:30			0.89178	16-07-18 11:47	6.042332582	Other	NA	Electronic	0.89137	0.89178
NZDCADmicro	16-07-18	13:32-15:30			0.89132	16-07-18 13:49	2416.933033	Other	NA	Electronic	0.89092	0.89132
NZDCADmicro	16-07-18	15:32-17:30			0.88938	16-07-18 15:54	120.8466516	Other	NA	Electronic	0.88897	0.88938
NZDCADmicro	17-07-18	09:32-11:30			0.89652	17-07-18 09:36	12.08466516	Other	NA	Electronic	0.89613	0.89652
NZDCADmicro	17-07-18	11:32-13:30			0.89576	17-07-18 12:24	604.2332582	Other	NA	Electronic	0.89576	0.89617
NZDCADmicro	17-07-18	13:30-13:32	0.89534	302.1166291								
NZDCADmicro	17-07-18	15:30-15:32	0.89615	96.67732131								
NZDCADmicro	18-07-18	09:32-11:30			0.89556	18-07-18 09:32	392.7516178	Other	NA	Electronic	0.89514	0.89556
NZDCADmicro	18-07-18	11:32-13:30			0.89564	18-07-18 11:52	1208.466516	Other	NA	Electronic	0.89564	0.89604
NZDCADmicro	18-07-18	13:32-15:30			0.89725	18-07-18 13:32	48.33866066	Other	NA	Electronic	0.89681	0.89725
NZDCADmicro	18-07-18	15:32-17:30			0.89664	18-07-18 15:33	1087.619865	Other	NA	Electronic	0.89622	0.89664
NZDCADmicro	19-07-18	09:30-09:32	0.89072	942.6038828								
NZDCADmicro	19-07-18	11:32-13:30			0.89136	19-07-18 12:08	60.42332582	Other	NA	Electronic	0.89093	0.89136
NZDCADmicro	19-07-18	13:32-15:30			0.8913	19-07-18 13:34	12.08466516	Other	NA	Electronic	0.89089	0.8913
NZDCADmicro	19-07-18	15:30-15:32	0.89122	72.50799098								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	20-07-18	09:32-11:30			0.89567	20-07-18 09:38	725.0799098	Other	NA	Electronic	0.89567	0.89609
NZDCADmicro	20-07-18	11:32-13:30			0.89512	20-07-18 11:43	90.63498873	Other	NA	Electronic	0.89512	0.89553
NZDCADmicro	20-07-18	13:30-13:32	0.89276	1812.699775								
NZDCADmicro	20-07-18	15:32-17:30			0.8936	20-07-18 15:42	604.2332582	Other	NA	Electronic	0.89317	0.8936
NZDCADmicro	23-07-18	09:32-11:30			0.89538	23-07-18 09:33	120.8466516	Other	NA	Electronic	0.89497	0.89538
NZDCADmicro	23-07-18	11:32-13:30			0.89457	23-07-18 12:01	138.9736494	Other	NA	Electronic	0.89457	0.89498
NZDCADmicro	23-07-18	13:32-15:30			0.89294	23-07-18 13:39	12.08466516	Other	NA	Electronic	0.89253	0.89295
NZDCADmicro	23-07-18	15:32-17:30			0.89261	23-07-18 15:52	290.0319639	Other	NA	Electronic	0.89221	0.89261
NZDCADmicro	24-07-18	09:32-11:30			0.89393	24-07-18 09:39	60.42332582	Other	NA	Electronic	0.89393	0.89435
NZDCADmicro	24-07-18	11:32-13:30			0.89493	24-07-18 11:45	241.6933033	Other	NA	Electronic	0.89493	0.89529
NZDCADmicro	24-07-18	13:32-15:30			0.89515	24-07-18 13:32	604.2332582	Other	NA	Electronic	0.89515	0.89555
NZDCADmicro	24-07-18	15:32-17:30			0.89464	24-07-18 15:53	60.42332582	Other	NA	Electronic	0.89464	0.89505
NZDCADmicro	25-07-18	09:32-11:30			0.8949	25-07-18 10:00	151.0583146	Other	NA	Electronic	0.8949	0.89533
NZDCADmicro	25-07-18	11:32-13:30			0.89365	25-07-18 11:32	60.42332582	Other	NA	Electronic	0.89365	0.89407
NZDCADmicro	25-07-18	13:30-13:32	0.89288	120.8466516								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	25-07-18	15:32-17:30			0.89229	25-07-18 15:49	12.08466516	Other	NA	Electronic	0.89187	0.89229
NZDCADmicro	26-07-18	09:30-09:32	0.89011	132.9313168								
NZDCADmicro	26-07-18	11:32-13:30			0.88958	26-07-18 11:36	60.42332582	Other	NA	Electronic	0.88917	0.88958
NZDCADmicro	26-07-18	13:32-15:30			0.88811	26-07-18 13:37	90.63498873	Other	NA	Electronic	0.88774	0.88809
NZDCADmicro	26-07-18	15:32-17:30			0.88832	26-07-18 15:45	18.12699775	Other	NA	Electronic	0.8879	0.88832
NZDCADmicro	27-07-18	09:32-11:30			0.88451	27-07-18 09:38	138.9736494	Other	NA	Electronic	0.88451	0.8849
NZDCADmicro	27-07-18	11:32-13:30			0.88444	27-07-18 11:47	241.6933033	Other	NA	Electronic	0.88444	0.88486
NZDCADmicro	27-07-18	13:30-13:32	0.88643	60.42332582								
NZDCADmicro	27-07-18	15:32-17:30			0.88764	27-07-18 15:39	2416.933033	Other	NA	Electronic	0.88722	0.88764
NZDCADmicro	30-07-18	09:32-11:30			0.88843	30-07-18 10:04	60.42332582	Other	NA	Electronic	0.88844	0.88885
NZDCADmicro	30-07-18	11:32-13:30			0.8875	30-07-18 11:45	90.63498873	Other	NA	Electronic	0.8875	0.88792
NZDCADmicro	30-07-18	13:32-15:30			0.88772	30-07-18 13:51	1208.466516	Other	NA	Electronic	0.88772	0.88812
NZDCADmicro	30-07-18	15:32-17:30			0.88908	30-07-18 16:04	102.7196539	Other	NA	Electronic	0.88866	0.88909
NZDCADmicro	31-07-18	09:30-09:32	0.88895	3685.822875								
NZDCADmicro	31-07-18	11:32-13:30			0.88863	31-07-18 11:48	30211.66291	Other	NA	Electronic	0.8882	0.88863

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	31-07-18	13:32-15:30			0.88874	31-07-18 13:35	6.042332582	Other	NA	Electronic	0.88831	0.88874
NZDCADmicro	31-07-18	15:32-17:30			0.88665	31-07-18 15:36	54.38099324	Other	NA	Electronic	0.88623	0.88664
NZDCADmicro	01-08-18	09:32-11:30			0.88548	01-08-18 09:41	604.2332582	Other	NA	Electronic	0.88548	0.8859
NZDCADmicro	01-08-18	11:32-13:30			0.8857	01-08-18 11:46	604.2332582	Other	NA	Electronic	0.8857	0.8861
NZDCADmicro	01-08-18	13:32-15:30			0.88427	01-08-18 13:43	138.9736494	Other	NA	Electronic	0.88427	0.88469
NZDCADmicro	01-08-18	15:32-17:30			0.88302	01-08-18 15:51	604.2332582	Other	NA	Electronic	0.88261	0.88302
NZDCADmicro	02-08-18	09:30-09:32	0.88064	72.50799098								
NZDCADmicro	02-08-18	11:32-13:30			0.88003	02-08-18 11:33	60.42332582	Other	NA	Electronic	0.87962	0.88003
NZDCADmicro	02-08-18	13:32-15:30			0.88003	02-08-18 13:34	181.2699775	Other	NA	Electronic	0.88003	0.88045
NZDCADmicro	02-08-18	15:32-17:30			0.87843	02-08-18 15:40	114.8043191	Other	NA	Electronic	0.878	0.87843
NZDCADmicro	03-08-18	09:32-11:30			0.87621	03-08-18 09:33	60.42332582	Other	NA	Electronic	0.87621	0.87663
NZDCADmicro	03-08-18	11:30-11:32	0.87794	465.2596088								
NZDCADmicro	03-08-18	13:30-13:32	0.87526	604.2332582								
NZDCADmicro	03-08-18	15:32-17:30			0.87704	03-08-18 15:34	145.015982	Other	NA	Electronic	0.87663	0.87704
NZDCADmicro	06-08-18	09:32-11:30			0.87632	06-08-18 10:09	604.2332582	Other	NA	Electronic	0.87632	0.87673



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NZDCADmicro	06-08-18	11:32-13:30			0.87568	06-08-18 11:36	604.2332582	Other	NA	Electronic	0.87568	0.8761
NZDCADmicro	06-08-18	13:32-15:30			0.87695	06-08-18 13:42	72.50799098	Other	NA	Electronic	0.87695	0.87737
NZDCADmicro	06-08-18	15:32-17:30			0.87518	06-08-18 15:41	966.7732131	Other	NA	Electronic	0.87518	0.8756
NZDCADmicro	07-08-18	09:32-11:30			0.87562	07-08-18 09:39	163.1429797	Other	NA	Electronic	0.87522	0.87562
NZDCADmicro	07-08-18	11:32-13:30			0.87513	07-08-18 12:26	302.1166291	Other	NA	Electronic	0.87513	0.87556
NZDCADmicro	07-08-18	13:32-15:30			0.87597	07-08-18 13:32	120.8466516	Other	NA	Electronic	0.87556	0.87597
NZDCADmicro	07-08-18	15:32-17:30			0.87668	07-08-18 15:33	604.2332582	Other	NA	Electronic	0.87668	0.8771
NZDCADmicro	08-08-18	09:32-11:30			0.8813	08-08-18 09:39	253.7779684	Other	NA	Electronic	0.8813	0.88171
NZDCADmicro	08-08-18	11:32-13:30			0.88059	08-08-18 12:24	302.1166291	Other	NA	Electronic	0.88059	0.88101
NZDCADmicro	08-08-18	13:30-13:32	0.88014	199.3969752								
NZDCADmicro	08-08-18	15:32-17:30			0.88111	08-08-18 16:30	241.6933033	Other	NA	Electronic	0.88111	0.88171
NZDCADmicro	09-08-18	09:30-09:32	0.86629	882.180557								
NZDCADmicro	09-08-18	11:32-13:30			0.86725	09-08-18 11:38	96.67732131	Other	NA	Electronic	0.86685	0.86725
NZDCADmicro	09-08-18	13:30-13:32	0.86472	18169.29407								
NZDCADmicro	09-08-18	15:30-15:32	0.86383	604.2332582								

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NZDCADmicro	10-08-18	09:32-11:30			0.86402	10-08-18 09:33	181.2699775	Other	NA	Electronic	0.86364	0.86402
NZDCADmicro	10-08-18	11:30-11:32	0.86409	60.42332582								
NZDCADmicro	10-08-18	13:32-15:30			0.86462	10-08-18 13:33	66.4656584	Other	NA	Electronic	0.86421	0.86462
NZDCADmicro	10-08-18	15:32-17:30			0.86554	10-08-18 15:35	60.42332582	Other	NA	Electronic	0.86554	0.86595
NZDCADmicro	13-08-18	09:32-11:30			0.86528	13-08-18 09:41	6042.332582	Other	NA	Electronic	0.86487	0.86528
NZDCADmicro	13-08-18	11:32-13:30			0.86529	13-08-18 11:46	6042.332582	Other	NA	Electronic	0.86488	0.86529
NZDCADmicro	13-08-18	13:32-15:30			0.86534	13-08-18 13:42	604.2332582	Other	NA	Electronic	0.86495	0.86534
NZDCADmicro	13-08-18	15:32-17:30			0.86501	13-08-18 15:48	12.08466516	Other	NA	Electronic	0.86459	0.86501
NZDCADmicro	14-08-18	09:32-11:30			0.86399	14-08-18 09:47	241.6933033	Other	NA	Electronic	0.86357	0.86399
NZDCADmicro	14-08-18	11:32-13:30			0.86366	14-08-18 11:40	241.6933033	Other	NA	Electronic	0.86325	0.86366
NZDCADmicro	14-08-18	13:32-15:30			0.8636	14-08-18 13:42	181.2699775	Other	NA	Electronic	0.86319	0.8636
NZDCADmicro	14-08-18	15:32-17:30			0.86317	14-08-18 15:32	120.8466516	Other	NA	Electronic	0.86278	0.86317
NZDCADmicro	15-08-18	09:32-11:30			0.85815	15-08-18 09:55	604.2332582	Other	NA	Electronic	0.85774	0.85815
NZDCADmicro	15-08-18	11:32-13:30			0.85896	15-08-18 11:33	604.2332582	Other	NA	Electronic	0.85855	0.85896
NZDCADmicro	15-08-18	13:30-13:32	0.86085	2132.943401								

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NZDCADmicro	15-08-18	15:30-15:32	0.86283	604.2332582								
NZDCADmicro	16-08-18	09:32-11:30			0.86412	16-08-18 10:04	6042.332582	Other	NA	Electronic	0.86412	0.86453
NZDCADmicro	16-08-18	11:32-13:30			0.86527	16-08-18 11:47	60.42332582	Other	NA	Electronic	0.86527	0.86569
NZDCADmicro	16-08-18	13:32-15:30			0.86671	16-08-18 13:54	1268.889842	Other	NA	Electronic	0.86671	0.86714
NZDCADmicro	16-08-18	15:32-17:30			0.86752	16-08-18 15:32	6042.332582	Other	NA	Electronic	0.86712	0.86752
NZDCADmicro	17-08-18	09:32-11:30			0.86749	17-08-18 10:08	114.8043191	Other	NA	Electronic	0.86708	0.86749
NZDCADmicro	17-08-18	11:32-13:30			0.86857	17-08-18 11:40	6.042332582	Other	NA	Electronic	0.86815	0.86857
NZDCADmicro	17-08-18	13:32-15:30			0.86458	17-08-18 13:37	271.9049662	Other	NA	Electronic	0.86417	0.86458
NZDCADmicro	17-08-18	15:32-17:30			0.8646	17-08-18 15:35	151.0583146	Other	NA	Electronic	0.8646	0.865
NZDCADmicro	20-08-18	09:32-11:30			0.86517	20-08-18 09:33	60.42332582	Other	NA	Electronic	0.86478	0.86517
NZDCADmicro	20-08-18	11:32-13:30			0.8649	20-08-18 11:51	1540.794808	Other	NA	Electronic	0.8649	0.86529
NZDCADmicro	20-08-18	13:30-13:32	0.86647	1812.699775								
NZDCADmicro	20-08-18	15:30-15:32	0.8651	60.42332582								
NZDCADmicro	21-08-18	09:32-11:30			0.86829	21-08-18 09:58	1208.466516	Other	NA	Electronic	0.87026	0.87067
NZDCADmicro	21-08-18	11:32-13:30			0.86746	21-08-18 11:38	120.8466516	Other	NA	Electronic	0.86746	0.86788

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NZDCADmicro	21-08-18	13:32-15:30			0.86915	21-08-18 13:37	12.08466516	Other	NA	Electronic	0.86915	0.86956
NZDCADmicro	21-08-18	15:32-17:30			0.87116	21-08-18 15:32	2567.991347	Other	NA	Electronic	0.87116	0.87156
NZDCADmicro	22-08-18	09:32-11:30			0.8719	22-08-18 10:41	1812.699775	Other	NA	Electronic	0.87148	0.8719
NZDCADmicro	22-08-18	11:32-13:30			0.87298	22-08-18 11:53	60.42332582	Other	NA	Electronic	0.87298	0.87339
NZDCADmicro	22-08-18	13:30-13:32	0.87262	54.38099324								
NZDCADmicro	22-08-18	15:30-15:32	0.87182	1135.958525								
NZDCADmicro	23-08-18	09:30-09:32	0.86976	120.8466516								
NZDCADmicro	23-08-18	11:32-13:30			0.87008	23-08-18 11:43	3039.293289	Other	NA	Electronic	0.86968	0.87008
NZDCADmicro	23-08-18	13:32-15:30			0.86965	23-08-18 13:36	66.4656584	Other	NA	Electronic	0.86965	0.87006
NZDCADmicro	23-08-18	15:32-17:30			0.86822	23-08-18 15:46	66.4656584	Other	NA	Electronic	0.86822	0.86863
NZDCADmicro	24-08-18	09:32-11:30			0.86965	24-08-18 09:58	543.8099324	Other	NA	Electronic	0.86925	0.86965
NZDCADmicro	24-08-18	11:32-13:30			0.87099	24-08-18 11:32	60.42332582	Other	NA	Electronic	0.87099	0.8714
NZDCADmicro	24-08-18	13:32-15:30			0.8704	24-08-18 13:38	6.042332582	Other	NA	Electronic	0.86999	0.8704
NZDCADmicro	24-08-18	15:32-17:30			0.87143	24-08-18 15:33	3021.166291	Other	NA	Electronic	0.87143	0.87185
NZDCADmicro	27-08-18	09:32-11:30			0.86961	27-08-18 09:45	60.42332582	Other	NA	Electronic	0.86921	0.86961

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	27-08-18	11:32-13:30			0.87092	27-08-18 12:36	120.8466516	Other	NA	Electronic	0.8705	0.87091
NZDCADmicro	27-08-18	13:32-15:30			0.86966	27-08-18 13:59	1208.466516	Other	NA	Electronic	0.86966	0.87008
NZDCADmicro	27-08-18	15:32-17:30			0.8685	27-08-18 16:25	66.4656584	Other	NA	Electronic	0.86808	0.8685
NZDCADmicro	28-08-18	09:32-11:30			0.86801	28-08-18 09:50	604.2332582	Other	NA	Electronic	0.86801	0.86841
NZDCADmicro	28-08-18	11:32-13:30			0.86756	28-08-18 11:52	90.63498873	Other	NA	Electronic	0.86756	0.86797
NZDCADmicro	28-08-18	13:32-15:30			0.86697	28-08-18 13:40	1812.699775	Other	NA	Electronic	0.86659	0.86697
NZDCADmicro	28-08-18	15:32-17:30			0.86686	28-08-18 15:33	120.8466516	Other	NA	Electronic	0.86686	0.86727
NZDCADmicro	29-08-18	09:32-11:30			0.86774	29-08-18 09:42	60.42332582	Other	NA	Electronic	0.86733	0.86774
NZDCADmicro	29-08-18	11:32-13:30			0.86702	29-08-18 11:40	60.42332582	Other	NA	Electronic	0.86663	0.86702
NZDCADmicro	29-08-18	13:30-13:32	0.86544	1208.466516								
NZDCADmicro	29-08-18	15:30-15:32	0.86778	30.21166291								
NZDCADmicro	30-08-18	09:32-11:30			0.86168	30-08-18 09:37	308.1589617	Other	NA	Electronic	0.86126	0.86168
NZDCADmicro	30-08-18	11:30-11:32	0.86166	302.1166291								
NZDCADmicro	30-08-18	13:32-15:30			0.86374	30-08-18 13:45	60.42332582	Other	NA	Electronic	0.86374	0.86415
NZDCADmicro	30-08-18	15:32-17:30			0.8628	30-08-18 15:46	241.6933033	Other	NA	Electronic	0.8628	0.86321

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCADmicro	31-08-18	09:32-11:30			0.86415	31-08-18 09:45	30.21166291	Other	NA	Electronic	0.86415	0.86455
NZDCADmicro	31-08-18	11:32-13:30			0.86245	31-08-18 11:36	1208.466516	Other	NA	Electronic	0.86245	0.86286
NZDCADmicro	31-08-18	13:32-15:30			0.86613	31-08-18 15:12	302.1166291	Other	NA	Electronic	0.86572	0.86613
NZDCADmicro	31-08-18	15:32-17:30			0.86516	31-08-18 16:13	604.2332582	Other	NA	Electronic	0.86474	0.86516
NZDCADmicro	03-09-18	09:32-11:30			0.8628	03-09-18 09:34	60.42332582	Other	NA	Electronic	0.8628	0.86321
NZDCADmicro	03-09-18	11:30-11:32	0.86313	60.42332582								
NZDCADmicro	03-09-18	13:32-15:30			0.86373	03-09-18 14:09	60.42332582	Other	NA	Electronic	0.86332	0.86373
NZDCADmicro	03-09-18	15:32-17:30			0.86503	03-09-18 15:35	1208.466516	Other	NA	Electronic	0.8646	0.86503
NZDCADmicro	04-09-18	09:32-11:30			0.86082	04-09-18 09:33	12084.66516	Other	NA	Electronic	0.86082	0.86124
NZDCADmicro	04-09-18	11:30-11:32	0.86136	12.08466516								
NZDCADmicro	04-09-18	13:30-13:32	0.86327	3021.166291								
NZDCADmicro	04-09-18	15:32-17:30			0.86344	04-09-18 16:16	60.42332582	Other	NA	Electronic	0.86307	0.86344
NZDCADmicro	05-09-18	09:32-11:30			0.86509	05-09-18 09:35	60.42332582	Other	NA	Electronic	0.86468	0.86509
NZDCADmicro	05-09-18	11:32-13:30			0.86488	05-09-18 11:59	181.2699775	Other	NA	Electronic	0.86447	0.86488
NZDCADmicro	05-09-18	13:30-13:32	0.86598	120.8466516								

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NZDCADmicro	05-09-18	15:30-15:32	0.86861	1208.466516								
NZDCADmicro	06-09-18	09:32-11:30			0.86888	06-09-18 09:35	1812.699775	Other	NA	Electronic	0.86846	0.86888
NZDCADmicro	06-09-18	11:32-13:30			0.86943	06-09-18 11:40	906.3498873	Other	NA	Electronic	0.86943	0.86983
NZDCADmicro	06-09-18	13:32-15:30			0.86963	06-09-18 13:50	60.42332582	Other	NA	Electronic	0.86921	0.86963
NZDCADmicro	06-09-18	15:32-17:30			0.87156	06-09-18 15:33	60.42332582	Other	NA	Electronic	0.87115	0.87156
NZDCADmicro	07-09-18	09:32-11:30			0.86385	07-09-18 10:02	138.9736494	Other	NA	Electronic	0.86343	0.86385
NZDCADmicro	07-09-18	11:32-13:30			0.86306	07-09-18 11:36	12.08466516	Other	NA	Electronic	0.86306	0.86347
NZDCADmicro	07-09-18	13:32-15:30			0.86272	07-09-18 13:33	604.2332582	Other	NA	Electronic	0.86232	0.86272
NZDCADmicro	07-09-18	15:32-17:30			0.86269	07-09-18 15:34	151.0583146	Other	NA	Electronic	0.86228	0.86269
NZDCADmicro	10-09-18	09:32-11:30			0.86121	10-09-18 09:41	725.0799098	Other	NA	Electronic	0.86121	0.8616
NZDCADmicro	10-09-18	11:32-13:30			0.86215	10-09-18 11:51	30211.66291	Other	NA	Electronic	0.86174	0.86215
NZDCADmicro	10-09-18	13:30-13:32	0.86089	743.2069076								
NZDCADmicro	10-09-18	15:32-17:30			0.85999	10-09-18 16:00	12.08466516	Other	NA	Electronic	0.85999	0.86041
NZDCADmicro	11-09-18	09:32-11:30			0.8584	11-09-18 09:52	60.42332582	Other	NA	Electronic	0.85798	0.8584
NZDCADmicro	11-09-18	11:32-13:30			0.85656	11-09-18 12:07	60.42332582	Other	NA	Electronic	0.85656	0.85698

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NZDCADmicro	11-09-18	13:30-13:32	0.85568	6.042332582								
NZDCADmicro	11-09-18	15:30-15:32	0.85459	725.0799098								
NZDCADmicro	12-09-18	09:32-11:30			0.8517	12-09-18 09:50	604.2332582	Other	NA	Electronic	0.85129	0.8517
NZDCADmicro	12-09-18	11:32-13:30			0.85171	12-09-18 11:49	223.5663055	Other	NA	Electronic	0.8513	0.85171
NZDCADmicro	12-09-18	13:32-15:30			0.85168	12-09-18 13:37	114.8043191	Other	NA	Electronic	0.85127	0.85168
NZDCADmicro	12-09-18	15:32-17:30			0.85235	12-09-18 15:37	84.59265615	Other	NA	Electronic	0.85194	0.85235
NZDCADmicro	13-09-18	09:30-09:32	0.85225	42.29632807								
NZDCADmicro	13-09-18	11:32-13:30			0.85205	13-09-18 11:50	120.8466516	Other	NA	Electronic	0.85205	0.85246
NZDCADmicro	13-09-18	13:32-15:30			0.8551	13-09-18 13:41	60.42332582	Other	NA	Electronic	0.85469	0.8551
NZDCADmicro	13-09-18	15:30-15:32	0.85348	350.4552898								
NZDCADmicro	14-09-18	09:30-09:32	0.85647	60.42332582								
NZDCADmicro	14-09-18	11:32-13:30			0.85472	14-09-18 11:34	302.1166291	Other	NA	Electronic	0.85551	0.85591
NZDCADmicro	14-09-18	13:32-15:30			0.85626	14-09-18 14:49	604.2332582	Other	NA	Electronic	0.85585	0.85626
NZDCADmicro	14-09-18	15:32-17:30			0.85482	14-09-18 15:59	84.59265615	Other	NA	Electronic	0.85482	0.85524
NZDCADmicro	17-09-18	09:32-11:30			0.85573	17-09-18 09:41	6.042332582	Other	NA	Electronic	0.85573	0.85614



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NZDCADmicro	17-09-18	11:32-13:30			0.85593	17-09-18 12:06	422.9632807	Other	NA	Electronic	0.85593	0.85634
NZDCADmicro	17-09-18	13:32-15:30			0.85662	17-09-18 13:50	30211.66291	Other	NA	Electronic	0.85662	0.85703
NZDCADmicro	17-09-18	15:32-17:30			0.85725	17-09-18 15:42	241.6933033	Other	NA	Electronic	0.85725	0.85766
NZDCADmicro	18-09-18	09:32-11:30			0.8583	18-09-18 09:48	30.21166291	Other	NA	Electronic	0.8583	0.85871
NZDCADmicro	18-09-18	11:32-13:30			0.8589	18-09-18 11:42	42.29632807	Other	NA	Electronic	0.85849	0.8589
NZDCADmicro	18-09-18	13:32-15:30			0.8563	18-09-18 13:45	199.3969752	Other	NA	Electronic	0.85588	0.8563
NZDCADmicro	18-09-18	15:32-17:30			0.85559	18-09-18 15:49	3021.166291	Other	NA	Electronic	0.85517	0.85559
NZDCADmicro	19-09-18	09:32-11:30			0.85653	19-09-18 09:58	1208.466516	Other	NA	Electronic	0.85613	0.85653
NZDCADmicro	19-09-18	11:32-13:30			0.85534	19-09-18 11:38	84.59265615	Other	NA	Electronic	0.85534	0.85576
NZDCADmicro	19-09-18	13:32-15:30			0.85575	19-09-18 13:39	181.2699775	Other	NA	Electronic	0.8558	0.85621
NZDCADmicro	19-09-18	15:30-15:32	0.85607	604.2332582								
NZDCADmicro	20-09-18	09:32-11:30			0.85989	20-09-18 09:32	78.55032357	Other	NA	Electronic	0.85989	0.86031
NZDCADmicro	20-09-18	11:30-11:32	0.86031	60.42332582								
NZDCADmicro	20-09-18	13:32-15:30			0.86032	20-09-18 13:34	604.2332582	Other	NA	Electronic	0.86032	0.86072
NZDCADmicro	20-09-18	15:32-17:30			0.86183	20-09-18 15:34	12.08466516	Other	NA	Electronic	0.86183	0.86222

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NZDCADmicro	21-09-18	09:30-09:32	0.86431	36.25399549								
NZDCADmicro	21-09-18	11:32-13:30			0.86267	21-09-18 11:33	604.2332582	Other	NA	Electronic	0.86267	0.86308
NZDCADmicro	21-09-18	13:32-15:30			0.86331	21-09-18 13:46	181.2699775	Other	NA	Electronic	0.86331	0.86373
NZDCADmicro	21-09-18	15:32-17:30			0.86251	21-09-18 15:49	30.21166291	Other	NA	Electronic	0.86251	0.86291
NZDCADmicro	24-09-18	09:32-11:30			0.86274	24-09-18 09:38	6.042332582	Other	NA	Electronic	0.86232	0.86274
NZDCADmicro	24-09-18	11:32-13:30			0.8623	24-09-18 12:29	181.2699775	Other	NA	Electronic	0.8623	0.8627
NZDCADmicro	24-09-18	13:32-15:30			0.86111	24-09-18 13:53	1208.466516	Other	NA	Electronic	0.86071	0.86111
NZDCADmicro	24-09-18	15:30-15:32	0.85991	169.1853123								
NZDCADmicro	25-09-18	09:32-11:30			0.86206	25-09-18 11:28	604.2332582	Other	NA	Electronic	0.86167	0.86206
NZDCADmicro	25-09-18	11:32-13:30			0.86175	25-09-18 12:00	120.8466516	Other	NA	Electronic	0.86175	0.86214
NZDCADmicro	25-09-18	13:32-15:30			0.86173	25-09-18 14:00	145.015982	Other	NA	Electronic	0.86128	0.86173
NZDCADmicro	26-09-18	09:32-11:30			0.86144	26-09-18 09:47	181.2699775	Other	NA	Electronic	0.86144	0.86186
NZDCADmicro	26-09-18	11:30-11:32	0.86223	785.5032357								
NZDCADmicro	26-09-18	13:32-15:30			0.86168	26-09-18 14:06	610.2755908	Other	NA	Electronic	0.86128	0.86168
NZDCADmicro	26-09-18	15:32-17:30			0.86278	26-09-18 15:44	604.2332582	Other	NA	Electronic	0.86237	0.86278

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NZDCADmicro	27-09-18	09:32-11:30			0.86621	27-09-18 10:00	6.042332582	Other	NA	Electronic	0.86621	0.86663
NZDCADmicro	27-09-18	11:32-13:30			0.86719	27-09-18 11:32	6.042332582	Other	NA	Electronic	0.86719	0.86759
NZDCADmicro	27-09-18	13:32-15:30			0.86642	27-09-18 13:32	6.042332582	Other	NA	Electronic	0.86602	0.86642
NZDCADmicro	27-09-18	15:32-17:30			0.86433	27-09-18 15:36	175.2276449	Other	NA	Electronic	0.86393	0.86433
NZDCADmicro	28-09-18	09:30-09:32	0.86025	6.042332582								
NZDCADmicro	28-09-18	11:32-13:30			0.86086	28-09-18 11:46	6.042332582	Other	NA	Electronic	0.86045	0.86086
NZDCADmicro	28-09-18	13:32-15:30			0.85822	28-09-18 13:33	18.12699775	Other	NA	Electronic	0.8578	0.85822
NZDCADmicro	28-09-18	15:32-17:30			0.85763	28-09-18 15:36	120.8466516	Other	NA	Electronic	0.85721	0.85763
NZDCHF	02-07-18	09:32-11:30			0.66906	02-07-18 09:34	6042.332582	Other	NA	Electronic	0.66906	0.66952
NZDCHF	02-07-18	11:30-11:32	0.66832	1208.466516								
NZDCHF	02-07-18	13:32-15:30			0.66729	02-07-18 13:36	604.2332582	Other	NA	Electronic	0.66729	0.66776
NZDCHF	02-07-18	15:32-17:30			0.66638	02-07-18 15:32	604.2332582	Other	NA	Electronic	0.66638	0.66684
NZDCHF	03-07-18	09:30-09:32	0.6689	1812.699775								
NZDCHF	03-07-18	11:32-13:30			0.6696	03-07-18 11:50	3021.166291	Other	NA	Electronic	0.66913	0.6696
NZDCHF	03-07-18	13:32-15:30			0.66864	03-07-18 13:36	3021.166291	Other	NA	Electronic	0.66864	0.66909

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NZDCHF	03-07-18	15:32-17:30			0.66958	03-07-18 15:35	3625.399549	Other	NA	Electronic	0.66958	0.67005
NZDCHF	04-07-18	09:32-11:30			0.6722	04-07-18 09:41	3021.166291	Other	NA	Electronic	0.67174	0.6722
NZDCHF	04-07-18	11:32-13:30			0.67104	04-07-18 11:40	1208.466516	Other	NA	Electronic	0.67104	0.6715
NZDCHF	04-07-18	13:32-15:30			0.67069	04-07-18 14:01	19939.69752	Other	NA	Electronic	0.67069	0.67116
NZDCHF	04-07-18	15:32-17:30			0.67235	04-07-18 15:38	604.2332582	Other	NA	Electronic	0.67187	0.67234
NZDCHF	05-07-18	09:32-11:30			0.67389	05-07-18 09:42	15105.83146	Other	NA	Electronic	0.67344	0.67389
NZDCHF	05-07-18	11:32-13:30			0.67257	05-07-18 11:54	12084.66516	Other	NA	Electronic	0.67257	0.67303
NZDCHF	05-07-18	13:32-15:30			0.6737	05-07-18 13:34	1208.466516	Other	NA	Electronic	0.67613	0.67662
NZDCHF	05-07-18	15:32-17:30			0.67414	05-07-18 16:11	3021.166291	Other	NA	Electronic	0.67368	0.67414
NZDCHF	06-07-18	09:32-11:30			0.67627	06-07-18 09:34	6042.332582	Other	NA	Electronic	0.67627	0.67672
NZDCHF	06-07-18	11:32-13:30			0.67701	06-07-18 11:38	6042.332582	Other	NA	Electronic	0.67701	0.67747
NZDCHF	06-07-18	13:32-15:30			0.67556	06-07-18 14:00	6042.332582	Other	NA	Electronic	0.6751	0.67557
NZDCHF	06-07-18	15:32-17:30			0.67637	06-07-18 15:41	604.2332582	Other	NA	Electronic	0.67591	0.67637
NZDCHF	09-07-18	09:30-09:32	0.67611	1208.466516								
NZDCHF	09-07-18	11:32-13:30			0.67722	09-07-18 11:33	604.2332582	Other	NA	Electronic	0.67675	0.67722

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NZDCHF	09-07-18	13:32-15:30			0.67689	09-07-18 13:45	604.2332582	Other	NA	Electronic	0.67689	0.67735
NZDCHF	09-07-18	15:32-17:30			0.67815	09-07-18 15:34	15105.83146	Other	NA	Electronic	0.67769	0.67815
NZDCHF	10-07-18	09:32-11:30			0.67732	10-07-18 09:33	604.2332582	Other	NA	Electronic	0.67685	0.67732
NZDCHF	10-07-18	11:32-13:30			0.67738	10-07-18 11:46	1812.699775	Other	NA	Electronic	0.67692	0.67738
NZDCHF	10-07-18	13:30-13:32	0.67872	604.2332582								
NZDCHF	10-07-18	15:32-17:30			0.67801	10-07-18 15:49	604.2332582	Other	NA	Electronic	0.67801	0.67847
NZDCHF	11-07-18	09:30-09:32	0.67607	3021.166291								
NZDCHF	11-07-18	11:30-11:32	0.67532	1208.466516								
NZDCHF	11-07-18	13:30-13:32	0.67322	7250.799098								
NZDCHF	11-07-18	15:32-17:30			0.67384	11-07-18 15:53	604.2332582	Other	NA	Electronic	0.67386	0.67431
NZDCHF	12-07-18	09:32-11:30			0.67414	12-07-18 09:32	604.2332582	Other	NA	Electronic	0.67414	0.67461
NZDCHF	12-07-18	11:32-13:30			0.67519	12-07-18 11:57	3021.166291	Other	NA	Electronic	0.67473	0.67519
NZDCHF	12-07-18	13:30-13:32	0.67797	6042.332582								
NZDCHF	12-07-18	15:32-17:30			0.6783	12-07-18 15:39	12084.66516	Other	NA	Electronic	0.6783	0.67876
NZDCHF	13-07-18	09:30-09:32	0.67634	604.2332582								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	13-07-18	11:32-13:30			0.67665	13-07-18 11:38	6042.332582	Other	NA	Electronic	0.67665	0.67712
NZDCHF	13-07-18	13:32-15:30			0.67789	13-07-18 14:31	6042.332582	Other	NA	Electronic	0.67789	0.67834
NZDCHF	13-07-18	15:32-17:30			0.67741	13-07-18 15:54	1208.466516	Other	NA	Electronic	0.67741	0.67788
NZDCHF	16-07-18	09:32-11:30			0.67817	16-07-18 10:16	1812.699775	Other	NA	Electronic	0.6777	0.67817
NZDCHF	16-07-18	11:32-13:30			0.67669	16-07-18 11:38	84592.65615	Other	NA	Electronic	0.67669	0.67713
NZDCHF	16-07-18	13:30-13:32	0.67739	1812.699775								
NZDCHF	16-07-18	15:32-17:30			0.67555	16-07-18 15:46	1208.466516	Other	NA	Electronic	0.67508	0.67555
NZDCHF	17-07-18	09:32-11:30			0.679	17-07-18 09:48	6042.332582	Other	NA	Electronic	0.67854	0.67901
NZDCHF	17-07-18	11:32-13:30			0.67799	17-07-18 11:39	604.2332582	Other	NA	Electronic	0.67753	0.67799
NZDCHF	17-07-18	13:32-15:30			0.67712	17-07-18 13:39	604.2332582	Other	NA	Electronic	0.67666	0.67712
NZDCHF	17-07-18	15:32-17:30			0.67838	17-07-18 15:41	3021.166291	Other	NA	Electronic	0.67792	0.67838
NZDCHF	18-07-18	09:32-11:30			0.67625	18-07-18 09:56	604.2332582	Other	NA	Electronic	0.67625	0.67669
NZDCHF	18-07-18	11:32-13:30			0.67614	18-07-18 11:45	2416.933033	Other	NA	Electronic	0.67614	0.67659
NZDCHF	18-07-18	13:32-15:30			0.6774	18-07-18 13:33	604.2332582	Other	NA	Electronic	0.67694	0.6774
NZDCHF	18-07-18	15:32-17:30			0.67817	18-07-18 15:39	604.2332582	Other	NA	Electronic	0.67817	0.67863

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	19-07-18	09:32-11:30			0.67515	19-07-18 09:35	1812.699775	Other	NA	Electronic	0.67468	0.67515
NZDCHF	19-07-18	11:32-13:30			0.67508	19-07-18 11:59	9063.498873	Other	NA	Electronic	0.67463	0.67508
NZDCHF	19-07-18	13:32-15:30			0.6737	19-07-18 13:52	1208.466516	Other	NA	Electronic	0.67371	0.67417
NZDCHF	19-07-18	15:30-15:32	0.67274	1812.699775								
NZDCHF	20-07-18	09:30-09:32	0.67578	604.2332582								
NZDCHF	20-07-18	11:30-11:32	0.67458	604.2332582								
NZDCHF	20-07-18	13:32-15:30			0.6763	20-07-18 13:45	604.2332582	Other	NA	Electronic	0.6763	0.67673
NZDCHF	20-07-18	15:32-17:30			0.6763	20-07-18 16:47	604.2332582	Other	NA	Electronic	0.67629	0.67676
NZDCHF	23-07-18	09:32-11:30			0.67531	23-07-18 10:49	604.2332582	Other	NA	Electronic	0.67531	0.67578
NZDCHF	23-07-18	11:32-13:30			0.67531	23-07-18 12:06	604.2332582	Other	NA	Electronic	0.67485	0.67531
NZDCHF	23-07-18	13:30-13:32	0.67398	604.2332582								
NZDCHF	23-07-18	15:32-17:30			0.67372	23-07-18 15:56	3021.166291	Other	NA	Electronic	0.67327	0.67372
NZDCHF	24-07-18	09:32-11:30			0.67532	24-07-18 10:19	30211.66291	Other	NA	Electronic	0.67531	0.67576
NZDCHF	24-07-18	11:32-13:30			0.67607	24-07-18 12:00	604.2332582	Other	NA	Electronic	0.67607	0.67654
NZDCHF	24-07-18	13:32-15:30			0.67676	24-07-18 13:37	1208.466516	Other	NA	Electronic	0.67629	0.67676

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	24-07-18	15:32-17:30			0.67565	24-07-18 15:50	1812.699775	Other	NA	Electronic	0.67565	0.67611
NZDCHF	25-07-18	09:32-11:30			0.67584	25-07-18 09:39	18126.99775	Other	NA	Electronic	0.67538	0.67584
NZDCHF	25-07-18	11:32-13:30			0.67551	25-07-18 12:01	60423.32582	Other	NA	Electronic	0.67507	0.67551
NZDCHF	25-07-18	13:32-15:30			0.67576	25-07-18 13:40	1208.466516	Other	NA	Electronic	0.67576	0.67621
NZDCHF	25-07-18	15:32-17:30			0.67623	25-07-18 15:33	604.2332582	Other	NA	Electronic	0.67623	0.67669
NZDCHF	26-07-18	09:32-11:30			0.67714	26-07-18 09:49	604.2332582	Other	NA	Electronic	0.67714	0.67761
NZDCHF	26-07-18	11:30-11:32	0.67648	1208.466516								
NZDCHF	26-07-18	13:32-15:30			0.67551	26-07-18 13:46	604.2332582	Other	NA	Electronic	0.67551	0.67595
NZDCHF	26-07-18	15:32-17:30			0.67507	26-07-18 15:43	1208.466516	Other	NA	Electronic	0.67465	0.67507
NZDCHF	27-07-18	09:32-11:30			0.67506	27-07-18 10:59	19939.69752	Other	NA	Electronic	0.67464	0.67506
NZDCHF	27-07-18	11:32-13:30			0.67536	27-07-18 12:07	1208.466516	Other	NA	Electronic	0.67494	0.67536
NZDCHF	27-07-18	13:32-15:30			0.67577	27-07-18 13:58	604.2332582	Other	NA	Electronic	0.67577	0.67619
NZDCHF	30-07-18	09:32-11:30			0.67586	30-07-18 09:39	604.2332582	Other	NA	Electronic	0.67544	0.67586
NZDCHF	30-07-18	13:32-15:30			0.67588	30-07-18 14:13	604.2332582	Other	NA	Electronic	0.67546	0.67588
NZDCHF	31-07-18	09:32-11:30			0.6737	31-07-18 09:49	24169.33033	Other	NA	Electronic	0.6737	0.67412



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	31-07-18	11:32-13:30			0.67318	31-07-18 11:36	3021.166291	Other	NA	Electronic	0.67318	0.6736
NZDCHF	31-07-18	13:32-15:30			0.67393	31-07-18 13:51	24169.33033	Other	NA	Electronic	0.67394	0.67437
NZDCHF	31-07-18	15:32-17:30			0.6737	31-07-18 15:32	1208.466516	Other	NA	Electronic	0.6737	0.67412
NZDCHF	01-08-18	09:32-11:30			0.67414	01-08-18 09:38	3021.166291	Other	NA	Electronic	0.67414	0.67456
NZDCHF	01-08-18	11:32-13:30			0.67421	01-08-18 11:38	604.2332582	Other	NA	Electronic	0.67421	0.67463
NZDCHF	01-08-18	13:32-15:30			0.67508	01-08-18 13:36	3021.166291	Other	NA	Electronic	0.67508	0.6755
NZDCHF	01-08-18	15:32-17:30			0.67415	01-08-18 16:06	1812.699775	Other	NA	Electronic	0.67373	0.67415
NZDCHF	02-08-18	09:32-11:30			0.672	02-08-18 09:36	604.2332582	Other	NA	Electronic	0.67158	0.672
NZDCHF	02-08-18	11:32-13:30			0.67149	02-08-18 11:46	604.2332582	Other	NA	Electronic	0.67149	0.67191
NZDCHF	02-08-18	13:30-13:32	0.67144	1208.466516								
NZDCHF	03-08-18	09:30-09:32	0.67028	1208.466516								
NZDCHF	03-08-18	11:32-13:30			0.67192	03-08-18 11:39	1812.699775	Other	NA	Electronic	0.6715	0.67192
NZDCHF	03-08-18	13:32-15:30			0.66988	03-08-18 14:05	604.2332582	Other	NA	Electronic	0.66947	0.66988
NZDCHF	03-08-18	15:32-17:30			0.67074	03-08-18 17:15	1812.699775	Other	NA	Electronic	0.67073	0.67118
NZDCHF	06-08-18	09:32-11:30			0.67156	06-08-18 10:52	604.2332582	Other	NA	Electronic	0.67156	0.67195

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	06-08-18	11:32-13:30			0.67098	06-08-18 11:47	6042.332582	Other	NA	Electronic	0.67098	0.6714
NZDCHF	06-08-18	13:32-15:30			0.6712	06-08-18 13:53	604.2332582	Other	NA	Electronic	0.6712	0.67162
NZDCHF	06-08-18	15:32-17:30			0.67135	06-08-18 17:12	6042.332582	Other	NA	Electronic	0.67089	0.67135
NZDCHF	07-08-18	09:32-11:30			0.67178	07-08-18 10:11	604.2332582	Other	NA	Electronic	0.67136	0.67178
NZDCHF	07-08-18	11:30-11:32	0.67104	604.2332582								
NZDCHF	07-08-18	13:32-15:30			0.67011	07-08-18 14:18	12084.66516	Other	NA	Electronic	0.6697	0.67011
NZDCHF	07-08-18	15:32-17:30			0.66985	07-08-18 17:27	604.2332582	Other	NA	Electronic	0.66985	0.67032
NZDCHF	08-08-18	09:32-11:30			0.67082	08-08-18 10:32	604.2332582	Other	NA	Electronic	0.67082	0.67124
NZDCHF	08-08-18	11:32-13:30			0.67158	08-08-18 11:41	6042.332582	Other	NA	Electronic	0.67117	0.67158
NZDCHF	08-08-18	13:32-15:30			0.6706	08-08-18 13:57	3021.166291	Other	NA	Electronic	0.67018	0.6706
NZDCHF	08-08-18	15:32-17:30			0.67047	08-08-18 16:27	1812.699775	Other	NA	Electronic	0.67006	0.67047
NZDCHF	09-08-18	09:32-11:30			0.66124	09-08-18 10:02	42900.56133	Other	NA	Electronic	0.66082	0.66124
NZDCHF	09-08-18	11:32-13:30			0.66113	09-08-18 11:59	4229.632807	Other	NA	Electronic	0.66071	0.66113
NZDCHF	09-08-18	13:30-13:32	0.65897	604.2332582								
NZDCHF	09-08-18	15:32-17:30			0.65578	09-08-18 15:46	604.2332582	Other	NA	Electronic	0.65578	0.65619

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NZDCHF	10-08-18	09:32-11:30			0.6552	10-08-18 09:40	604.2332582	Other	NA	Electronic	0.6552	0.65562
NZDCHF	10-08-18	11:32-13:30			0.65784	10-08-18 12:30	604.2332582	Other	NA	Electronic	0.65556	0.65851
NZDCHF	10-08-18	13:32-15:30			0.65634	10-08-18 13:38	604.2332582	Other	NA	Electronic	0.65634	0.65675
NZDCHF	10-08-18	15:30-15:32	0.65696	604.2332582								
NZDCHF	13-08-18	09:32-11:30			0.65394	13-08-18 09:58	604.2332582	Other	NA	Electronic	0.65394	0.65436
NZDCHF	13-08-18	11:32-13:30			0.65402	13-08-18 12:32	604.2332582	Other	NA	Electronic	0.65402	0.65444
NZDCHF	13-08-18	13:32-15:30			0.65506	13-08-18 13:49	604.2332582	Other	NA	Electronic	0.65464	0.65506
NZDCHF	14-08-18	09:32-11:30			0.65332	14-08-18 09:36	604.2332582	Other	NA	Electronic	0.65332	0.65373
NZDCHF	14-08-18	11:32-13:30			0.65361	14-08-18 11:41	604.2332582	Other	NA	Electronic	0.6532	0.65361
NZDCHF	14-08-18	13:32-15:30			0.65429	14-08-18 13:41	3021.166291	Other	NA	Electronic	0.65387	0.65429
NZDCHF	14-08-18	15:32-17:30			0.65394	14-08-18 16:03	604.2332582	Other	NA	Electronic	0.65394	0.65436
NZDCHF	15-08-18	09:32-11:30			0.65449	15-08-18 09:56	604.2332582	Other	NA	Electronic	0.65408	0.65449
NZDCHF	15-08-18	11:32-13:30			0.65289	15-08-18 11:32	604.2332582	Other	NA	Electronic	0.65289	0.65331
NZDCHF	15-08-18	13:32-15:30			0.65412	15-08-18 13:40	604.2332582	Other	NA	Electronic	0.65412	0.65454
NZDCHF	15-08-18	15:32-17:30			0.65293	15-08-18 16:30	604.2332582	Other	NA	Electronic	0.65252	0.65293

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	16-08-18	09:32-11:30			0.65405	16-08-18 09:53	604.2332582	Other	NA	Electronic	0.65405	0.65446
NZDCHF	16-08-18	11:32-13:30			0.65475	16-08-18 12:47	1812.699775	Other	NA	Electronic	0.65475	0.65516
NZDCHF	16-08-18	13:30-13:32	0.65583	9063.498873								
NZDCHF	16-08-18	15:32-17:30			0.6567	16-08-18 15:53	604.2332582	Other	NA	Electronic	0.6567	0.65712
NZDCHF	17-08-18	09:32-11:30			0.65768	17-08-18 09:32	604.2332582	Other	NA	Electronic	0.65727	0.65768
NZDCHF	17-08-18	11:32-13:30			0.65737	17-08-18 11:40	1812.699775	Other	NA	Electronic	0.65737	0.65778
NZDCHF	17-08-18	13:32-15:30			0.65764	17-08-18 13:44	9063.498873	Other	NA	Electronic	0.65723	0.65764
NZDCHF	17-08-18	15:32-17:30			0.65691	17-08-18 17:15	12084.66516	Other	NA	Electronic	0.65691	0.65737
NZDCHF	20-08-18	09:32-11:30			0.65931	20-08-18 11:07	604.2332582	Other	NA	Electronic	0.65889	0.65931
NZDCHF	20-08-18	11:32-13:30			0.65839	20-08-18 11:47	604.2332582	Other	NA	Electronic	0.65839	0.65881
NZDCHF	20-08-18	13:32-15:30			0.65765	20-08-18 13:52	48338.66066	Other	NA	Electronic	0.65765	0.65807
NZDCHF	20-08-18	15:32-17:30			0.65805	20-08-18 17:03	1812.699775	Other	NA	Electronic	0.65805	0.65851
NZDCHF	21-08-18	09:32-11:30			0.6587	21-08-18 09:52	604.2332582	Other	NA	Electronic	0.65828	0.6587
NZDCHF	21-08-18	11:32-13:30			0.65805	21-08-18 13:05	604.2332582	Other	NA	Electronic	0.65805	0.65847
NZDCHF	21-08-18	13:32-15:30			0.65814	21-08-18 13:56	4229.632807	Other	NA	Electronic	0.65813	0.65855

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	21-08-18	15:32-17:30			0.65912	21-08-18 16:07	604.2332582	Other	NA	Electronic	0.65912	0.65953
NZDCHF	22-08-18	09:32-11:30			0.6582	22-08-18 10:08	604.2332582	Other	NA	Electronic	0.6582	0.65862
NZDCHF	22-08-18	11:32-13:30			0.65803	22-08-18 11:50	604.2332582	Other	NA	Electronic	0.65803	0.65844
NZDCHF	22-08-18	13:32-15:30			0.65757	22-08-18 14:34	604.2332582	Other	NA	Electronic	0.65757	0.65798
NZDCHF	22-08-18	15:32-17:30			0.6584	22-08-18 15:47	604.2332582	Other	NA	Electronic	0.6584	0.65882
NZDCHF	23-08-18	09:30-09:32	0.65644	1208.466516								
NZDCHF	23-08-18	11:32-13:30			0.65575	23-08-18 11:44	6042.332582	Other	NA	Electronic	0.65575	0.65617
NZDCHF	23-08-18	13:32-15:30			0.65636	23-08-18 13:54	3021.166291	Other	NA	Electronic	0.65594	0.65636
NZDCHF	23-08-18	15:32-17:30			0.65524	23-08-18 15:32	604.2332582	Other	NA	Electronic	0.65482	0.65524
NZDCHF	24-08-18	09:32-11:30			0.6535	24-08-18 09:40	604.2332582	Other	NA	Electronic	0.6535	0.65392
NZDCHF	24-08-18	11:32-13:30			0.65579	24-08-18 11:33	604.2332582	Other	NA	Electronic	0.65579	0.65621
NZDCHF	24-08-18	13:30-13:32	0.65607	4229.632807								
NZDCHF	24-08-18	15:32-17:30			0.6574	24-08-18 17:09	604.2332582	Other	NA	Electronic	0.6574	0.65786
NZDCHF	27-08-18	09:32-11:30			0.65614	27-08-18 10:07	6042.332582	Other	NA	Electronic	0.65573	0.65614
NZDCHF	27-08-18	11:32-13:30			0.65615	27-08-18 11:40	6042.332582	Other	NA	Electronic	0.65615	0.65656

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	27-08-18	13:32-15:30			0.65644	27-08-18 13:32	3021.166291	Other	NA	Electronic	0.65603	0.65644
NZDCHF	27-08-18	15:32-17:30			0.65634	27-08-18 15:47	604.2332582	Other	NA	Electronic	0.65592	0.65634
NZDCHF	28-08-18	09:32-11:30			0.65546	28-08-18 09:58	604.2332582	Other	NA	Electronic	0.65546	0.65587
NZDCHF	28-08-18	11:32-13:30			0.65474	28-08-18 11:58	604.2332582	Other	NA	Electronic	0.65474	0.65515
NZDCHF	28-08-18	13:32-15:30			0.65516	28-08-18 14:21	604.2332582	Other	NA	Electronic	0.65475	0.65516
NZDCHF	29-08-18	09:32-11:30			0.65502	29-08-18 10:35	604.2332582	Other	NA	Electronic	0.65502	0.65543
NZDCHF	29-08-18	11:32-13:30			0.65428	29-08-18 11:36	604.2332582	Other	NA	Electronic	0.65428	0.65467
NZDCHF	29-08-18	13:32-15:30			0.65178	29-08-18 13:34	5438.099324	Other	NA	Electronic	0.65178	0.6522
NZDCHF	29-08-18	15:32-17:30			0.6517	29-08-18 15:37	1208.466516	Other	NA	Electronic	0.6517	0.65211
NZDCHF	30-08-18	09:32-11:30			0.64639	30-08-18 09:38	1208.466516	Other	NA	Electronic	0.64598	0.64639
NZDCHF	30-08-18	11:32-13:30			0.64611	30-08-18 11:54	1812.699775	Other	NA	Electronic	0.64611	0.64652
NZDCHF	30-08-18	13:32-15:30			0.64569	30-08-18 13:38	604.2332582	Other	NA	Electronic	0.64569	0.64611
NZDCHF	30-08-18	15:32-17:30			0.64551	30-08-18 15:32	3021.166291	Other	NA	Electronic	0.64509	0.64551
NZDCHF	31-08-18	09:32-11:30			0.64205	31-08-18 09:35	1208.466516	Other	NA	Electronic	0.64205	0.64247
NZDCHF	31-08-18	11:32-13:30			0.64257	31-08-18 12:00	3021.166291	Other	NA	Electronic	0.64215	0.64257

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	31-08-18	13:32-15:30			0.64292	31-08-18 14:03	12084.66516	Other	NA	Electronic	0.64251	0.64292
NZDCHF	31-08-18	15:32-17:30			0.64125	31-08-18 16:12	6042.332582	Other	NA	Electronic	0.64125	0.64166
NZDCHF	03-09-18	09:32-11:30			0.64168	03-09-18 09:42	2416.933033	Other	NA	Electronic	0.64127	0.64168
NZDCHF	03-09-18	11:32-13:30			0.64042	03-09-18 13:08	604.2332582	Other	NA	Electronic	0.64042	0.64081
NZDCHF	03-09-18	13:32-15:30			0.64056	03-09-18 13:52	2416.933033	Other	NA	Electronic	0.64015	0.64056
NZDCHF	03-09-18	15:32-17:30			0.64038	03-09-18 16:55	6042.332582	Other	NA	Electronic	0.63996	0.64038
NZDCHF	04-09-18	09:32-11:30			0.63739	04-09-18 09:58	1208.466516	Other	NA	Electronic	0.63739	0.6378
NZDCHF	04-09-18	11:32-13:30			0.63813	04-09-18 11:33	604.2332582	Other	NA	Electronic	0.63772	0.63813
NZDCHF	04-09-18	13:32-15:30			0.63813	04-09-18 13:35	604.2332582	Other	NA	Electronic	0.63813	0.63855
NZDCHF	04-09-18	15:32-17:30			0.63821	04-09-18 15:39	604.2332582	Other	NA	Electronic	0.63821	0.63863
NZDCHF	05-09-18	09:32-11:30			0.63938	05-09-18 09:59	6042.332582	Other	NA	Electronic	0.63897	0.63938
NZDCHF	05-09-18	11:32-13:30			0.63997	05-09-18 12:47	1208.466516	Other	NA	Electronic	0.63955	0.63997
NZDCHF	05-09-18	13:30-13:32	0.63987	604.2332582								
NZDCHF	05-09-18	15:32-17:30			0.63885	05-09-18 15:48	604.2332582	Other	NA	Electronic	0.63885	0.63927
NZDCHF	06-09-18	09:32-11:30			0.63904	06-09-18 11:07	6042.332582	Other	NA	Electronic	0.63904	0.63946

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	06-09-18	11:32-13:30			0.63958	06-09-18 11:33	42296.32807	Other	NA	Electronic	0.63917	0.63958
NZDCHF	06-09-18	13:32-15:30			0.63791	06-09-18 13:35	6042.332582	Other	NA	Electronic	0.63791	0.63832
NZDCHF	06-09-18	15:32-17:30			0.63878	06-09-18 15:57	6042.332582	Other	NA	Electronic	0.63837	0.63878
NZDCHF	07-09-18	09:32-11:30			0.63512	07-09-18 09:41	1208.466516	Other	NA	Electronic	0.6347	0.63512
NZDCHF	07-09-18	11:32-13:30			0.63558	07-09-18 11:34	6042.332582	Other	NA	Electronic	0.63515	0.63558
NZDCHF	07-09-18	13:32-15:30			0.63332	07-09-18 13:44	1208.466516	Other	NA	Electronic	0.63332	0.63373
NZDCHF	07-09-18	15:32-17:30			0.63272	07-09-18 16:10	1208.466516	Other	NA	Electronic	0.63269	0.63312
NZDCHF	10-09-18	09:30-09:32	0.63569	3021.166291								
NZDCHF	10-09-18	11:32-13:30			0.63651	10-09-18 11:32	6042.332582	Other	NA	Electronic	0.63651	0.63692
NZDCHF	10-09-18	13:32-15:30			0.63639	10-09-18 14:06	604.2332582	Other	NA	Electronic	0.63639	0.63681
NZDCHF	10-09-18	15:32-17:30			0.6369	10-09-18 15:35	6646.56584	Other	NA	Electronic	0.63648	0.6369
NZDCHF	11-09-18	09:32-11:30			0.63519	11-09-18 09:35	604.2332582	Other	NA	Electronic	0.63519	0.63561
NZDCHF	11-09-18	11:32-13:30			0.63443	11-09-18 11:41	1208.466516	Other	NA	Electronic	0.63401	0.63443
NZDCHF	11-09-18	13:32-15:30			0.63395	11-09-18 13:46	604.2332582	Other	NA	Electronic	0.63353	0.63395
NZDCHF	11-09-18	15:32-17:30			0.63348	11-09-18 15:48	3021.166291	Other	NA	Electronic	0.63348	0.6339



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	12-09-18	09:32-11:30			0.6351	12-09-18 09:45	1208.466516	Other	NA	Electronic	0.63468	0.6351
NZDCHF	12-09-18	11:32-13:30			0.63497	12-09-18 12:45	604.2332582	Other	NA	Electronic	0.63455	0.63497
NZDCHF	12-09-18	13:30-13:32	0.63424	604.2332582								
NZDCHF	12-09-18	15:32-17:30			0.63642	12-09-18 15:35	604.2332582	Other	NA	Electronic	0.63642	0.63684
NZDCHF	13-09-18	09:32-11:30			0.63486	13-09-18 09:49	604.2332582	Other	NA	Electronic	0.63486	0.63528
NZDCHF	13-09-18	11:30-11:32	0.63524	604.2332582								
NZDCHF	13-09-18	13:30-13:32	0.63586	604.2332582								
NZDCHF	13-09-18	15:32-17:30			0.6359	13-09-18 16:30	604.2332582	Other	NA	Electronic	0.63554	0.6359
NZDCHF	14-09-18	09:32-11:30			0.63463	14-09-18 09:33	604.2332582	Other	NA	Electronic	0.63463	0.635
NZDCHF	14-09-18	11:32-13:30			0.63447	14-09-18 11:35	1812.699775	Other	NA	Electronic	0.6341	0.63447
NZDCHF	14-09-18	13:32-15:30			0.6351	14-09-18 13:34	1812.699775	Other	NA	Electronic	0.63473	0.6351
NZDCHF	14-09-18	15:32-17:30			0.63457	14-09-18 15:59	604.2332582	Other	NA	Electronic	0.6342	0.63457
NZDCHF	17-09-18	09:32-11:30			0.63394	17-09-18 09:44	604.2332582	Other	NA	Electronic	0.63357	0.63394
NZDCHF	17-09-18	11:32-13:30			0.63337	17-09-18 12:02	604.2332582	Other	NA	Electronic	0.63301	0.63337
NZDCHF	17-09-18	13:32-15:30			0.63446	17-09-18 13:33	1208.466516	Other	NA	Electronic	0.63409	0.63446

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	17-09-18	15:32-17:30			0.6338	17-09-18 15:34	1208.466516	Other	NA	Electronic	0.63344	0.6338
NZDCHF	18-09-18	11:32-13:30			0.63401	18-09-18 11:54	604.2332582	Other	NA	Electronic	0.63364	0.63401
NZDCHF	18-09-18	13:30-13:32	0.63312	604.2332582								
NZDCHF	18-09-18	15:32-17:30			0.63426	18-09-18 16:15	1208.466516	Other	NA	Electronic	0.6339	0.63426
NZDCHF	19-09-18	09:32-11:30			0.63907	19-09-18 09:42	604.2332582	Other	NA	Electronic	0.6387	0.63907
NZDCHF	19-09-18	11:32-13:30			0.63941	19-09-18 12:02	1208.466516	Other	NA	Electronic	0.63941	0.63978
NZDCHF	19-09-18	15:32-17:30			0.63985	19-09-18 15:33	3021.166291	Other	NA	Electronic	0.63985	0.64022
NZDCHF	20-09-18	09:32-11:30			0.64345	20-09-18 10:50	1208.466516	Other	NA	Electronic	0.64345	0.64382
NZDCHF	20-09-18	11:32-13:30			0.64263	20-09-18 11:32	604.2332582	Other	NA	Electronic	0.64263	0.64299
NZDCHF	20-09-18	13:32-15:30			0.64058	20-09-18 14:24	604.2332582	Other	NA	Electronic	0.64058	0.64095
NZDCHF	20-09-18	15:32-17:30			0.642	20-09-18 16:43	604.2332582	Other	NA	Electronic	0.642	0.64237
NZDCHF	21-09-18	09:32-11:30			0.63999	21-09-18 09:32	604.2332582	Other	NA	Electronic	0.63962	0.63999
NZDCHF	21-09-18	11:30-11:32	0.63901	604.2332582								
NZDCHF	21-09-18	13:32-15:30			0.63876	21-09-18 13:37	3021.166291	Other	NA	Electronic	0.63876	0.63913
NZDCHF	21-09-18	15:30-15:32	0.64099	1208.466516								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF	24-09-18	09:32-11:30			0.6389	24-09-18 09:37	3021.166291	Other	NA	Electronic	0.6389	0.63926
NZDCHF	24-09-18	11:32-13:30			0.63834	24-09-18 13:13	3021.166291	Other	NA	Electronic	0.63834	0.63871
NZDCHF	24-09-18	13:32-15:30			0.63975	24-09-18 14:11	3021.166291	Other	NA	Electronic	0.63938	0.63975
NZDCHF	24-09-18	15:32-17:30			0.63991	24-09-18 16:48	1208.466516	Other	NA	Electronic	0.63955	0.63991
NZDCHF	25-09-18	09:32-11:30			0.64179	25-09-18 10:58	18126.99775	Other	NA	Electronic	0.64179	0.64216
NZDCHF	25-09-18	11:32-13:30			0.64263	25-09-18 11:57	3021.166291	Other	NA	Electronic	0.64227	0.64263
NZDCHF	25-09-18	13:32-15:30			0.6418	25-09-18 14:33	3021.166291	Other	NA	Electronic	0.6418	0.64216
NZDCHF	25-09-18	15:32-17:30			0.6416	25-09-18 15:40	1208.466516	Other	NA	Electronic	0.64123	0.6416
NZDCHF	26-09-18	09:32-11:30			0.64319	26-09-18 09:41	604.2332582	Other	NA	Electronic	0.64283	0.64319
NZDCHF	26-09-18	11:32-13:30			0.64391	26-09-18 12:30	604.2332582	Other	NA	Electronic	0.64391	0.64428
NZDCHF	26-09-18	13:32-15:30			0.644	26-09-18 14:27	18126.99775	Other	NA	Electronic	0.644	0.64436
NZDCHF	26-09-18	15:32-17:30			0.64421	26-09-18 15:59	60423.32582	Other	NA	Electronic	0.64421	0.64458
NZDCHF	27-09-18	09:32-11:30			0.64345	27-09-18 09:37	604.2332582	Other	NA	Electronic	0.64308	0.64345
NZDCHF	27-09-18	11:32-13:30			0.64504	27-09-18 12:41	2416.933033	Other	NA	Electronic	0.64504	0.6454
NZDCHF	27-09-18	13:32-15:30			0.64592	27-09-18 13:57	3021.166291	Other	NA	Electronic	0.64592	0.64629

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NZDCHF	27-09-18	15:32-17:30			0.64695	27-09-18 15:34	1208.466516	Other	NA	Electronic	0.64695	0.64731
NZDCHF	28-09-18	09:32-11:30			0.64421	28-09-18 10:00	604.2332582	Other	NA	Electronic	0.64421	0.64458
NZDCHF	28-09-18	11:30-11:32	0.64636	604.2332582								
NZDCHF	28-09-18	13:32-15:30			0.6458	28-09-18 13:52	604.2332582	Other	NA	Electronic	0.6458	0.64616
NZDCHF	28-09-18	15:32-17:30			0.64753	28-09-18 15:39	604.2332582	Other	NA	Electronic	0.64753	0.64789
NZDCHF.	02-07-18	09:32-11:30			0.66934	02-07-18 09:33	6042.332582	Other	NA	Electronic	0.66934	0.66949
NZDCHF.	02-07-18	11:32-13:30			0.66779	02-07-18 11:57	15105.83146	Other	NA	Electronic	0.66779	0.66794
NZDCHF.	02-07-18	13:32-15:30			0.66724	02-07-18 14:49	6646.56584	Other	NA	Electronic	0.66724	0.66739
NZDCHF.	03-07-18	09:32-11:30			0.66941	03-07-18 10:30	2416.933033	Other	NA	Electronic	0.66927	0.66942
NZDCHF.	03-07-18	11:32-13:30			0.66922	03-07-18 12:26	18126.99775	Other	NA	Electronic	0.66922	0.66937
NZDCHF.	03-07-18	13:32-15:30			0.6686	03-07-18 13:41	6042.332582	Other	NA	Electronic	0.6686	0.66875
NZDCHF.	03-07-18	15:32-17:30			0.66979	03-07-18 15:37	30211.66291	Other	NA	Electronic	0.66979	0.66994
NZDCHF.	04-07-18	09:32-11:30			0.67266	04-07-18 09:44	604.2332582	Other	NA	Electronic	0.67249	0.67266
NZDCHF.	04-07-18	11:32-13:30			0.67145	04-07-18 12:57	3021.166291	Other	NA	Electronic	0.67131	0.67145
NZDCHF.	04-07-18	13:32-15:30			0.67212	04-07-18 15:27	3021.166291	Other	NA	Electronic	0.67212	0.67226

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NZDCHF.	04-07-18	15:32-17:30			0.67207	04-07-18 16:00	604.2332582	Other	NA	Electronic	0.67207	0.67222
NZDCHF.	05-07-18	09:32-11:30			0.67256	05-07-18 10:36	604.2332582	Other	NA	Electronic	0.67256	0.67271
NZDCHF.	05-07-18	11:32-13:30			0.67262	05-07-18 11:58	604.2332582	Other	NA	Electronic	0.67262	0.67277
NZDCHF.	05-07-18	13:32-15:30			0.67423	05-07-18 13:58	3021.166291	Other	NA	Electronic	0.67423	0.67436
NZDCHF.	05-07-18	15:32-17:30			0.67407	05-07-18 17:23	1812.699775	Other	NA	Electronic	0.67407	0.67423
NZDCHF.	06-07-18	09:32-11:30			0.67677	06-07-18 09:50	151058.3146	Other	NA	Electronic	0.67676	0.67691
NZDCHF.	06-07-18	11:32-13:30			0.67704	06-07-18 11:53	3021.166291	Other	NA	Electronic	0.67704	0.67717
NZDCHF.	06-07-18	15:32-17:30			0.67602	06-07-18 16:02	604.2332582	Other	NA	Electronic	0.67602	0.67617
NZDCHF.	09-07-18	09:32-11:30			0.676	09-07-18 09:35	6042.332582	Other	NA	Electronic	0.67585	0.676
NZDCHF.	09-07-18	11:32-13:30			0.67713	09-07-18 11:45	604.2332582	Other	NA	Electronic	0.67713	0.67728
NZDCHF.	09-07-18	13:32-15:30			0.67767	09-07-18 14:12	3021.166291	Other	NA	Electronic	0.67757	0.67767
NZDCHF.	09-07-18	15:32-17:30			0.67847	09-07-18 15:42	1208.466516	Other	NA	Electronic	0.67832	0.67847
NZDCHF.	10-07-18	09:32-11:30			0.67776	10-07-18 10:18	12084.66516	Other	NA	Electronic	0.67761	0.67776
NZDCHF.	10-07-18	11:32-13:30			0.6771	10-07-18 11:39	12084.66516	Other	NA	Electronic	0.6771	0.67725
NZDCHF.	10-07-18	15:32-17:30			0.67858	10-07-18 15:59	12084.66516	Other	NA	Electronic	0.67843	0.67858

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NZDCHF.	11-07-18	09:32-11:30			0.67506	11-07-18 10:53	18731.231	Other	NA	Electronic	0.67506	0.67521
NZDCHF.	11-07-18	11:32-13:30			0.67505	11-07-18 12:00	604.2332582	Other	NA	Electronic	0.6749	0.67505
NZDCHF.	11-07-18	13:30-13:32	0.67317	604.2332582								
NZDCHF.	11-07-18	15:32-17:30			0.67428	11-07-18 16:22	604.2332582	Other	NA	Electronic	0.67413	0.67428
NZDCHF.	12-07-18	09:32-11:30			0.67465	12-07-18 10:04	12084.66516	Other	NA	Electronic	0.6745	0.67465
NZDCHF.	12-07-18	11:32-13:30			0.67506	12-07-18 12:17	3021.166291	Other	NA	Electronic	0.67506	0.67521
NZDCHF.	12-07-18	13:32-15:30			0.67806	12-07-18 13:34	6042.332582	Other	NA	Electronic	0.67791	0.67806
NZDCHF.	12-07-18	15:32-17:30			0.67958	12-07-18 16:47	61027.55908	Other	NA	Electronic	0.67942	0.67957
NZDCHF.	13-07-18	09:32-11:30			0.67653	13-07-18 10:44	604.2332582	Other	NA	Electronic	0.67653	0.67668
NZDCHF.	13-07-18	11:32-13:30			0.67728	13-07-18 11:56	604.2332582	Other	NA	Electronic	0.67713	0.67728
NZDCHF.	16-07-18	13:32-15:30			0.67646	16-07-18 14:50	604.2332582	Other	NA	Electronic	0.67646	0.67661
NZDCHF.	16-07-18	15:32-17:30			0.67531	16-07-18 16:03	604.2332582	Other	NA	Electronic	0.67516	0.67531
NZDCHF.	17-07-18	09:32-11:30			0.678	17-07-18 10:16	1208.466516	Other	NA	Electronic	0.678	0.67815
NZDCHF.	17-07-18	11:32-13:30			0.67782	17-07-18 12:06	604.2332582	Other	NA	Electronic	0.67767	0.67782
NZDCHF.	17-07-18	13:32-15:30			0.67618	17-07-18 13:59	1208.466516	Other	NA	Electronic	0.67603	0.67618

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	18-07-18	09:32-11:30			0.67666	18-07-18 09:42	604.2332582	Other	NA	Electronic	0.67654	0.67669
NZDCHF.	18-07-18	11:32-13:30			0.67712	18-07-18 13:15	604.2332582	Other	NA	Electronic	0.67712	0.67727
NZDCHF.	18-07-18	13:32-15:30			0.67767	18-07-18 13:47	604.2332582	Other	NA	Electronic	0.6777	0.67785
NZDCHF.	18-07-18	15:32-17:30			0.6789	18-07-18 16:47	604.2332582	Other	NA	Electronic	0.6789	0.67905
NZDCHF.	19-07-18	09:32-11:30			0.675	19-07-18 10:12	604.2332582	Other	NA	Electronic	0.67501	0.67516
NZDCHF.	19-07-18	11:32-13:30			0.67475	19-07-18 11:59	604.2332582	Other	NA	Electronic	0.67475	0.6749
NZDCHF.	19-07-18	13:32-15:30			0.67453	19-07-18 13:41	1208.466516	Other	NA	Electronic	0.67452	0.67467
NZDCHF.	19-07-18	15:30-15:32	0.6729	1812.699775								
NZDCHF.	20-07-18	09:32-11:30			0.67574	20-07-18 10:04	604.2332582	Other	NA	Electronic	0.67574	0.67589
NZDCHF.	20-07-18	11:32-13:30			0.67611	20-07-18 13:25	604.2332582	Other	NA	Electronic	0.67611	0.67626
NZDCHF.	20-07-18	13:32-15:30			0.67631	20-07-18 14:55	3021.166291	Other	NA	Electronic	0.67631	0.67645
NZDCHF.	20-07-18	15:32-17:30			0.67621	20-07-18 15:57	604.2332582	Other	NA	Electronic	0.67622	0.67637
NZDCHF.	23-07-18	09:32-11:30			0.67556	23-07-18 09:43	604.2332582	Other	NA	Electronic	0.67542	0.67557
NZDCHF.	23-07-18	11:32-13:30			0.67507	23-07-18 11:50	604.2332582	Other	NA	Electronic	0.67508	0.67523
NZDCHF.	23-07-18	13:32-15:30			0.67364	23-07-18 14:08	6042.332582	Other	NA	Electronic	0.6735	0.67364

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	24-07-18	09:32-11:30			0.67552	24-07-18 10:19	604.2332582	Other	NA	Electronic	0.67552	0.67567
NZDCHF.	24-07-18	11:32-13:30			0.67597	24-07-18 12:45	604.2332582	Other	NA	Electronic	0.67581	0.67596
NZDCHF.	24-07-18	13:32-15:30			0.67643	24-07-18 13:37	604.2332582	Other	NA	Electronic	0.67643	0.67658
NZDCHF.	24-07-18	15:32-17:30			0.67638	24-07-18 16:07	604.2332582	Other	NA	Electronic	0.67623	0.67638
NZDCHF.	25-07-18	11:32-13:30			0.67618	25-07-18 13:13	604.2332582	Other	NA	Electronic	0.67618	0.67633
NZDCHF.	25-07-18	13:32-15:30			0.67656	25-07-18 13:52	604.2332582	Other	NA	Electronic	0.67656	0.67671
NZDCHF.	25-07-18	15:32-17:30			0.67651	25-07-18 16:35	604.2332582	Other	NA	Electronic	0.67637	0.67652
NZDCHF.	26-07-18	09:32-11:30			0.67798	26-07-18 10:37	604.2332582	Other	NA	Electronic	0.67783	0.67798
NZDCHF.	26-07-18	11:32-13:30			0.67673	26-07-18 11:33	604.2332582	Other	NA	Electronic	0.67657	0.67672
NZDCHF.	26-07-18	13:32-15:30			0.67523	26-07-18 14:02	604.2332582	Other	NA	Electronic	0.67508	0.67523
NZDCHF.	27-07-18	09:32-11:30			0.6748	27-07-18 10:01	604.2332582	Other	NA	Electronic	0.6748	0.67495
NZDCHF.	27-07-18	15:32-17:30			0.67507	27-07-18 17:19	604.2332582	Other	NA	Electronic	0.67507	0.67522
NZDCHF.	30-07-18	09:32-11:30			0.67555	30-07-18 09:47	604.2332582	Other	NA	Electronic	0.67555	0.6757
NZDCHF.	30-07-18	13:32-15:30			0.67555	30-07-18 14:25	604.2332582	Other	NA	Electronic	0.6754	0.67555
NZDCHF.	30-07-18	15:32-17:30			0.67485	30-07-18 16:26	604.2332582	Other	NA	Electronic	0.67485	0.675



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	31-07-18	11:32-13:30			0.67332	31-07-18 12:02	604.2332582	Other	NA	Electronic	0.67332	0.67347
NZDCHF.	31-07-18	15:32-17:30			0.67448	31-07-18 17:10	12084.66516	Other	NA	Electronic	0.6743	0.67448
NZDCHF.	01-08-18	09:32-11:30			0.67453	01-08-18 10:21	604.2332582	Other	NA	Electronic	0.67438	0.67453
NZDCHF.	01-08-18	15:32-17:30			0.67331	01-08-18 16:59	604.2332582	Other	NA	Electronic	0.67331	0.67346
NZDCHF.	02-08-18	09:32-11:30			0.67108	02-08-18 10:30	604.2332582	Other	NA	Electronic	0.67108	0.67123
NZDCHF.	02-08-18	13:32-15:30			0.67149	02-08-18 15:14	604.2332582	Other	NA	Electronic	0.67134	0.67149
NZDCHF.	03-08-18	11:30-11:32	0.67167	604.2332582								
NZDCHF.	03-08-18	13:32-15:30			0.67031	03-08-18 13:34	151058.3146	Other	NA	Electronic	0.67016	0.67031
NZDCHF.	03-08-18	15:32-17:30			0.67077	03-08-18 16:26	60423.32582	Other	NA	Electronic	0.67077	0.67092
NZDCHF.	07-08-18	09:32-11:30			0.67149	07-08-18 11:23	604.2332582	Other	NA	Electronic	0.67134	0.67149
NZDCHF.	07-08-18	11:32-13:30			0.67071	07-08-18 12:19	18126.99775	Other	NA	Electronic	0.67071	0.67086
NZDCHF.	07-08-18	15:32-17:30			0.67023	07-08-18 17:29	1208.466516	Other	NA	Electronic	0.67008	0.67023
NZDCHF.	08-08-18	09:32-11:30			0.67137	08-08-18 11:01	604.2332582	Other	NA	Electronic	0.67122	0.67137
NZDCHF.	08-08-18	11:32-13:30			0.67097	08-08-18 12:23	2416.933033	Other	NA	Electronic	0.67097	0.67112
NZDCHF.	09-08-18	11:32-13:30			0.66066	09-08-18 11:39	6042.332582	Other	NA	Electronic	0.66051	0.66066

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	09-08-18	15:32-17:30			0.65639	09-08-18 16:41	2416.933033	Other	NA	Electronic	0.65639	0.65654
NZDCHF.	10-08-18	09:32-11:30			0.65649	10-08-18 10:55	1208.466516	Other	NA	Electronic	0.65649	0.65664
NZDCHF.	10-08-18	11:32-13:30			0.65633	10-08-18 12:49	604.2332582	Other	NA	Electronic	0.65633	0.65648
NZDCHF.	10-08-18	15:32-17:30			0.65708	10-08-18 15:46	1208.466516	Other	NA	Electronic	0.65708	0.65723
NZDCHF.	13-08-18	11:32-13:30			0.65369	13-08-18 11:33	3021.166291	Other	NA	Electronic	0.65354	0.65369
NZDCHF.	13-08-18	13:32-15:30			0.65481	13-08-18 14:30	4833.866066	Other	NA	Electronic	0.65481	0.65496
NZDCHF.	13-08-18	15:32-17:30			0.65367	13-08-18 17:09	6042.332582	Other	NA	Electronic	0.65367	0.65382
NZDCHF.	14-08-18	09:32-11:30			0.65371	14-08-18 10:11	1208.466516	Other	NA	Electronic	0.65371	0.65386
NZDCHF.	14-08-18	11:32-13:30			0.65482	14-08-18 12:56	604.2332582	Other	NA	Electronic	0.65482	0.65497
NZDCHF.	14-08-18	15:32-17:30			0.65417	14-08-18 15:38	1208.466516	Other	NA	Electronic	0.65402	0.65417
NZDCHF.	15-08-18	09:32-11:30			0.65352	15-08-18 10:46	4833.866066	Other	NA	Electronic	0.65354	0.65369
NZDCHF.	15-08-18	11:32-13:30			0.65361	15-08-18 11:44	12084.66516	Other	NA	Electronic	0.65346	0.65361
NZDCHF.	15-08-18	13:32-15:30			0.65357	15-08-18 13:45	604.2332582	Other	NA	Electronic	0.65342	0.65357
NZDCHF.	16-08-18	09:32-11:30			0.65446	16-08-18 10:07	1208.466516	Other	NA	Electronic	0.65431	0.65446
NZDCHF.	16-08-18	11:32-13:30			0.65503	16-08-18 13:00	604.2332582	Other	NA	Electronic	0.65503	0.65518

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	17-08-18	11:32-13:30			0.65711	17-08-18 12:25	1208.466516	Other	NA	Electronic	0.65696	0.65711
NZDCHF.	17-08-18	13:32-15:30			0.65727	17-08-18 15:22	604.2332582	Other	NA	Electronic	0.65727	0.65742
NZDCHF.	17-08-18	15:32-17:30			0.65756	17-08-18 16:21	2416.933033	Other	NA	Electronic	0.65756	0.65767
NZDCHF.	20-08-18	13:32-15:30			0.65825	20-08-18 15:15	1208.466516	Other	NA	Electronic	0.6581	0.65825
NZDCHF.	20-08-18	15:32-17:30			0.6584	20-08-18 16:39	604.2332582	Other	NA	Electronic	0.6584	0.65855
NZDCHF.	21-08-18	13:32-15:30			0.65833	21-08-18 13:38	1208.466516	Other	NA	Electronic	0.65818	0.65833
NZDCHF.	21-08-18	15:32-17:30			0.65935	21-08-18 17:25	1812.699775	Other	NA	Electronic	0.65919	0.65935
NZDCHF.	22-08-18	11:30-11:32	0.65857	1208.466516								
NZDCHF.	22-08-18	15:32-17:30			0.65862	22-08-18 15:40	604.2332582	Other	NA	Electronic	0.65847	0.65862
NZDCHF.	23-08-18	09:30-09:32	0.65617	604.2332582								
NZDCHF.	23-08-18	13:32-15:30			0.65587	23-08-18 13:56	2416.933033	Other	NA	Electronic	0.65587	0.65602
NZDCHF.	23-08-18	15:32-17:30			0.65521	23-08-18 16:02	604.2332582	Other	NA	Electronic	0.65506	0.65521
NZDCHF.	24-08-18	09:32-11:30			0.65463	24-08-18 10:07	61027.55908	Other	NA	Electronic	0.65448	0.65463
NZDCHF.	24-08-18	11:30-11:32	0.65574	2416.933033								
NZDCHF.	27-08-18	09:32-11:30			0.65626	27-08-18 10:38	6042.332582	Other	NA	Electronic	0.65611	0.65626

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	27-08-18	11:32-13:30			0.65641	27-08-18 12:16	604.2332582	Other	NA	Electronic	0.65626	0.65641
NZDCHF.	28-08-18	09:32-11:30			0.65518	28-08-18 09:35	1812.699775	Other	NA	Electronic	0.65518	0.65533
NZDCHF.	28-08-18	15:32-17:30			0.65521	28-08-18 16:07	1812.699775	Other	NA	Electronic	0.65506	0.65521
NZDCHF.	29-08-18	11:32-13:30			0.65388	29-08-18 12:11	604.2332582	Other	NA	Electronic	0.65377	0.65388
NZDCHF.	29-08-18	13:32-15:30			0.64995	29-08-18 13:57	604.2332582	Other	NA	Electronic	0.64995	0.6501
NZDCHF.	29-08-18	15:32-17:30			0.65188	29-08-18 16:30	604.2332582	Other	NA	Electronic	0.65177	0.65188
NZDCHF.	30-08-18	15:32-17:30			0.64432	30-08-18 16:20	1208.466516	Other	NA	Electronic	0.64417	0.64432
NZDCHF.	31-08-18	11:32-13:30			0.64205	31-08-18 13:20	604.2332582	Other	NA	Electronic	0.6419	0.64205
NZDCHF.	31-08-18	15:32-17:30			0.64194	31-08-18 15:41	6042.332582	Other	NA	Electronic	0.64194	0.64209
NZDCHF.	03-09-18	09:32-11:30			0.64112	03-09-18 10:57	1208.466516	Other	NA	Electronic	0.64097	0.64112
NZDCHF.	03-09-18	13:32-15:30			0.64031	03-09-18 15:12	604.2332582	Other	NA	Electronic	0.64021	0.64031
NZDCHF.	04-09-18	09:32-11:30			0.63801	04-09-18 10:06	1812.699775	Other	NA	Electronic	0.63786	0.63801
NZDCHF.	04-09-18	13:32-15:30			0.63835	04-09-18 13:36	604.2332582	Other	NA	Electronic	0.63824	0.63835
NZDCHF.	04-09-18	15:32-17:30			0.63862	04-09-18 17:07	3021.166291	Other	NA	Electronic	0.63847	0.63862
NZDCHF.	05-09-18	09:32-11:30			0.6388	05-09-18 10:21	18731.231	Other	NA	Electronic	0.6388	0.63895

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NZDCHF.	05-09-18	11:32-13:30			0.63938	05-09-18 11:47	604.2332582	Other	NA	Electronic	0.63938	0.63953
NZDCHF.	05-09-18	13:32-15:30			0.64012	05-09-18 14:47	604.2332582	Other	NA	Electronic	0.63997	0.64012
NZDCHF.	05-09-18	15:32-17:30			0.63939	05-09-18 15:33	604.2332582	Other	NA	Electronic	0.63939	0.63954
NZDCHF.	06-09-18	09:32-11:30			0.63968	06-09-18 09:37	1812.699775	Other	NA	Electronic	0.63953	0.63968
NZDCHF.	06-09-18	11:32-13:30			0.63959	06-09-18 12:40	604.2332582	Other	NA	Electronic	0.63944	0.63959
NZDCHF.	06-09-18	13:32-15:30			0.63846	06-09-18 14:51	604.2332582	Other	NA	Electronic	0.63846	0.63861
NZDCHF.	06-09-18	15:32-17:30			0.63872	06-09-18 15:54	4229.632807	Other	NA	Electronic	0.63857	0.63872
NZDCHF.	07-09-18	09:32-11:30			0.63529	07-09-18 10:56	604.2332582	Other	NA	Electronic	0.63529	0.63544
NZDCHF.	07-09-18	11:32-13:30			0.63571	07-09-18 12:11	604.2332582	Other	NA	Electronic	0.63556	0.63571
NZDCHF.	07-09-18	13:32-15:30			0.63377	07-09-18 13:58	1812.699775	Other	NA	Electronic	0.63362	0.63377
NZDCHF.	10-09-18	09:32-11:30			0.63597	10-09-18 09:43	12688.89842	Other	NA	Electronic	0.63582	0.63597
NZDCHF.	10-09-18	11:32-13:30			0.63651	10-09-18 11:56	12688.89842	Other	NA	Electronic	0.63651	0.63666
NZDCHF.	10-09-18	13:32-15:30			0.63601	10-09-18 14:59	604.2332582	Other	NA	Electronic	0.63586	0.63601
NZDCHF.	11-09-18	09:32-11:30			0.63398	11-09-18 10:40	7250.799098	Other	NA	Electronic	0.63397	0.63412
NZDCHF.	11-09-18	11:32-13:30			0.63364	11-09-18 13:00	604.2332582	Other	NA	Electronic	0.63349	0.63364

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NZDCHF.	11-09-18	15:32-17:30			0.63403	11-09-18 16:03	604.2332582	Other	NA	Electronic	0.63403	0.63418
NZDCHF.	12-09-18	09:32-11:30			0.6341	12-09-18 10:46	1208.466516	Other	NA	Electronic	0.63412	0.63427
NZDCHF.	12-09-18	11:32-13:30			0.63459	12-09-18 12:43	6042.332582	Other	NA	Electronic	0.63459	0.63474
NZDCHF.	12-09-18	13:32-15:30			0.63693	12-09-18 15:22	604.2332582	Other	NA	Electronic	0.63693	0.63708
NZDCHF.	12-09-18	15:32-17:30			0.63686	12-09-18 15:38	6042.332582	Other	NA	Electronic	0.63686	0.63701
NZDCHF.	13-09-18	09:32-11:30			0.63519	13-09-18 10:57	604.2332582	Other	NA	Electronic	0.63504	0.63519
NZDCHF.	13-09-18	11:32-13:30			0.63565	13-09-18 12:30	604.2332582	Other	NA	Electronic	0.63542	0.63565
NZDCHF.	13-09-18	15:32-17:30			0.63516	13-09-18 15:59	604.2332582	Other	NA	Electronic	0.63516	0.63531
NZDCHF.	14-09-18	11:32-13:30			0.63414	14-09-18 12:40	604.2332582	Other	NA	Electronic	0.63399	0.63414
NZDCHF.	17-09-18	13:32-15:30			0.63361	17-09-18 14:59	604.2332582	Other	NA	Electronic	0.63346	0.63361
NZDCHF.	17-09-18	15:32-17:30			0.63382	17-09-18 16:36	12084.66516	Other	NA	Electronic	0.63382	0.63397
NZDCHF.	18-09-18	15:32-17:30			0.63436	18-09-18 16:35	3021.166291	Other	NA	Electronic	0.63436	0.63451
NZDCHF.	19-09-18	09:32-11:30			0.6392	19-09-18 10:11	604.2332582	Other	NA	Electronic	0.63919	0.6393
NZDCHF.	19-09-18	11:32-13:30			0.63973	19-09-18 12:57	604.2332582	Other	NA	Electronic	0.63973	0.63988
NZDCHF.	19-09-18	15:32-17:30			0.64035	19-09-18 16:10	3021.166291	Other	NA	Electronic	0.6402	0.64035

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHF.	20-09-18	11:32-13:30			0.64125	20-09-18 13:13	6042.332582	Other	NA	Electronic	0.64125	0.6414
NZDCHF.	20-09-18	13:32-15:30			0.64138	20-09-18 15:11	2416.933033	Other	NA	Electronic	0.64123	0.64138
NZDCHF.	20-09-18	15:32-17:30			0.6422	20-09-18 15:57	2416.933033	Other	NA	Electronic	0.6422	0.64235
NZDCHF.	21-09-18	09:32-11:30			0.63939	21-09-18 11:02	1812.699775	Other	NA	Electronic	0.63939	0.63954
NZDCHF.	21-09-18	11:32-13:30			0.63803	21-09-18 11:48	604.2332582	Other	NA	Electronic	0.63803	0.63818
NZDCHF.	21-09-18	13:32-15:30			0.63919	21-09-18 13:50	604.2332582	Other	NA	Electronic	0.63904	0.63919
NZDCHF.	21-09-18	15:32-17:30			0.64093	21-09-18 15:47	604.2332582	Other	NA	Electronic	0.64078	0.64093
NZDCHF.	25-09-18	11:32-13:30			0.6423	25-09-18 11:40	1812.699775	Other	NA	Electronic	0.6422	0.6423
NZDCHF.	25-09-18	15:32-17:30			0.64159	25-09-18 15:44	3021.166291	Other	NA	Electronic	0.64144	0.64159
NZDCHF.	26-09-18	09:32-11:30			0.64401	26-09-18 10:37	604.2332582	Other	NA	Electronic	0.64401	0.64416
NZDCHF.	27-09-18	11:32-13:30			0.64487	27-09-18 12:26	1208.466516	Other	NA	Electronic	0.64487	0.64498
NZDCHF.	27-09-18	13:32-15:30			0.64724	27-09-18 14:32	604.2332582	Other	NA	Electronic	0.64709	0.64724
NZDCHF.	27-09-18	15:32-17:30			0.6474	27-09-18 15:38	604.2332582	Other	NA	Electronic	0.6474	0.64755
NZDCHF.	28-09-18	11:32-13:30			0.64653	28-09-18 12:13	9063.498873	Other	NA	Electronic	0.64637	0.64652
NZDCHFmicro	02-07-18	09:32-11:30			0.66922	02-07-18 09:33	60.42332582	Other	NA	Electronic	0.66922	0.66968

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NZDCHFmicro	02-07-18	11:32-13:30			0.66825	02-07-18 11:32	18.12699775	Other	NA	Electronic	0.66779	0.66825
NZDCHFmicro	02-07-18	13:32-15:30			0.66734	02-07-18 13:35	604.2332582	Other	NA	Electronic	0.66734	0.6678
NZDCHFmicro	02-07-18	15:32-17:30			0.66613	02-07-18 15:38	18.12699775	Other	NA	Electronic	0.66613	0.66659
NZDCHFmicro	03-07-18	09:30-09:32	0.66935	151.0583146								
NZDCHFmicro	03-07-18	11:32-13:30			0.66929	03-07-18 11:34	66.4656584	Other	NA	Electronic	0.66883	0.66929
NZDCHFmicro	03-07-18	13:32-15:30			0.66863	03-07-18 13:39	719.0375773	Other	NA	Electronic	0.66863	0.66909
NZDCHFmicro	03-07-18	15:30-15:32	0.67026	5438.099324								
NZDCHFmicro	04-07-18	09:32-11:30			0.67153	04-07-18 09:38	6.042332582	Other	NA	Electronic	0.67153	0.67198
NZDCHFmicro	04-07-18	11:32-13:30			0.67154	04-07-18 11:55	60.42332582	Other	NA	Electronic	0.67109	0.67154
NZDCHFmicro	04-07-18	13:32-15:30			0.67126	04-07-18 13:56	60.42332582	Other	NA	Electronic	0.6708	0.67126
NZDCHFmicro	04-07-18	15:32-17:30			0.67236	04-07-18 15:36	3021.166291	Other	NA	Electronic	0.6719	0.67236
NZDCHFmicro	05-07-18	09:32-11:30			0.67368	05-07-18 09:36	205.4393078	Other	NA	Electronic	0.67368	0.67414
NZDCHFmicro	05-07-18	11:32-13:30			0.67312	05-07-18 11:43	60.42332582	Other	NA	Electronic	0.67266	0.67312
NZDCHFmicro	05-07-18	13:32-15:30			0.67332	05-07-18 13:35	1208.466516	Other	NA	Electronic	0.67332	0.67378
NZDCHFmicro	05-07-18	15:30-15:32	0.6737	12.08466516								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHFmicro	06-07-18	09:30-09:32	0.67655	302.1166291								
NZDCHFmicro	06-07-18	11:32-13:30			0.67656	06-07-18 12:17	60.42332582	Other	NA	Electronic	0.67656	0.67702
NZDCHFmicro	06-07-18	13:32-15:30			0.67533	06-07-18 13:35	120.8466516	Other	NA	Electronic	0.67487	0.67534
NZDCHFmicro	06-07-18	15:32-17:30			0.67598	06-07-18 15:41	223.5663055	Other	NA	Electronic	0.67598	0.67644
NZDCHFmicro	09-07-18	09:30-09:32	0.67608	181.2699775								
NZDCHFmicro	09-07-18	11:32-13:30			0.67644	09-07-18 11:32	60.42332582	Other	NA	Electronic	0.67644	0.67689
NZDCHFmicro	09-07-18	13:30-13:32	0.67718	72.50799098								
NZDCHFmicro	09-07-18	15:30-15:32	0.67765	604.2332582								
NZDCHFmicro	10-07-18	09:30-09:32	0.67711	477.344274								
NZDCHFmicro	10-07-18	11:30-11:32	0.67782	126.8889842								
NZDCHFmicro	10-07-18	13:32-15:30			0.67795	10-07-18 13:33	1341.397833	Other	NA	Electronic	0.67795	0.67841
NZDCHFmicro	10-07-18	15:32-17:30			0.67857	10-07-18 15:47	54.38099324	Other	NA	Electronic	0.67811	0.67857
NZDCHFmicro	11-07-18	09:32-11:30			0.67469	11-07-18 10:05	314.2012943	Other	NA	Electronic	0.67469	0.67513
NZDCHFmicro	11-07-18	11:32-13:30			0.67558	11-07-18 11:42	60.42332582	Other	NA	Electronic	0.67511	0.67558
NZDCHFmicro	11-07-18	13:30-13:32	0.67329	24266.00765								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHFmicro	11-07-18	15:30-15:32	0.67417	676.7412492								
NZDCHFmicro	12-07-18	09:32-11:30			0.67461	12-07-18 09:39	18.12699775	Other	NA	Electronic	0.67415	0.67461
NZDCHFmicro	12-07-18	11:32-13:30			0.67469	12-07-18 11:34	60.42332582	Other	NA	Electronic	0.67422	0.67469
NZDCHFmicro	12-07-18	13:30-13:32	0.67805	7311.222424								
NZDCHFmicro	12-07-18	15:32-17:30			0.67896	12-07-18 15:44	1812.699775	Other	NA	Electronic	0.6785	0.67896
NZDCHFmicro	13-07-18	09:32-11:30			0.67672	13-07-18 09:45	60.42332582	Other	NA	Electronic	0.67625	0.67671
NZDCHFmicro	13-07-18	11:32-13:30			0.67746	13-07-18 11:51	302.1166291	Other	NA	Electronic	0.67701	0.67746
NZDCHFmicro	13-07-18	13:32-15:30			0.67673	13-07-18 13:46	2114.816404	Other	NA	Electronic	0.67673	0.67719
NZDCHFmicro	13-07-18	15:32-17:30			0.67772	13-07-18 15:46	6.042332582	Other	NA	Electronic	0.67772	0.67818
NZDCHFmicro	16-07-18	09:32-11:30			0.67824	16-07-18 09:52	2416.933033	Other	NA	Electronic	0.67777	0.67824
NZDCHFmicro	16-07-18	11:32-13:30			0.67732	16-07-18 11:45	604.2332582	Other	NA	Electronic	0.67686	0.67732
NZDCHFmicro	16-07-18	13:32-15:30			0.67706	16-07-18 13:38	604.2332582	Other	NA	Electronic	0.67706	0.67753
NZDCHFmicro	16-07-18	15:30-15:32	0.67571	205.4393078								
NZDCHFmicro	17-07-18	09:32-11:30			0.67987	17-07-18 09:35	12.08466516	Other	NA	Electronic	0.67943	0.67987
NZDCHFmicro	17-07-18	11:32-13:30			0.67751	17-07-18 11:34	2416.933033	Other	NA	Electronic	0.67753	0.67798

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NZDCHFmicro	17-07-18	13:32-15:30			0.67679	17-07-18 13:50	60.42332582	Other	NA	Electronic	0.67633	0.67679
NZDCHFmicro	17-07-18	15:32-17:30			0.67832	17-07-18 15:46	120.8466516	Other	NA	Electronic	0.67833	0.67879
NZDCHFmicro	18-07-18	09:32-11:30			0.67685	18-07-18 09:48	277.9472988	Other	NA	Electronic	0.67639	0.67686
NZDCHFmicro	18-07-18	11:32-13:30			0.67622	18-07-18 11:36	283.9896314	Other	NA	Electronic	0.67622	0.67669
NZDCHFmicro	18-07-18	13:32-15:30			0.67742	18-07-18 13:47	296.0742965	Other	NA	Electronic	0.67742	0.67787
NZDCHFmicro	18-07-18	15:32-17:30			0.6786	18-07-18 15:36	60.42332582	Other	NA	Electronic	0.67813	0.6786
NZDCHFmicro	19-07-18	09:30-09:32	0.67482	6984.936465								
NZDCHFmicro	19-07-18	11:32-13:30			0.67454	19-07-18 11:50	906.3498873	Other	NA	Electronic	0.67454	0.67501
NZDCHFmicro	19-07-18	13:32-15:30			0.67462	19-07-18 13:34	24.16933033	Other	NA	Electronic	0.67416	0.67462
NZDCHFmicro	19-07-18	15:30-15:32	0.673	1993.969752								
NZDCHFmicro	20-07-18	09:32-11:30			0.67528	20-07-18 09:44	604.2332582	Other	NA	Electronic	0.67528	0.67575
NZDCHFmicro	20-07-18	11:32-13:30			0.67494	20-07-18 11:39	1812.699775	Other	NA	Electronic	0.67447	0.67493
NZDCHFmicro	20-07-18	13:30-13:32	0.67601	6.042332582								
NZDCHFmicro	20-07-18	15:32-17:30			0.67619	20-07-18 15:45	676.7412492	Other	NA	Electronic	0.6762	0.67665
NZDCHFmicro	23-07-18	09:32-11:30			0.67531	23-07-18 10:30	12.08466516	Other	NA	Electronic	0.67531	0.67577

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NZDCHFmicro	23-07-18	11:32-13:30			0.67491	23-07-18 11:32	60.42332582	Other	NA	Electronic	0.67491	0.67536
NZDCHFmicro	23-07-18	13:30-13:32	0.67352	906.3498873								
NZDCHFmicro	23-07-18	15:32-17:30			0.6734	23-07-18 16:27	60.42332582	Other	NA	Electronic	0.6734	0.67387
NZDCHFmicro	24-07-18	09:32-11:30			0.67565	24-07-18 10:19	60.42332582	Other	NA	Electronic	0.67519	0.67565
NZDCHFmicro	24-07-18	11:32-13:30			0.67621	24-07-18 11:35	604.2332582	Other	NA	Electronic	0.67575	0.67621
NZDCHFmicro	24-07-18	13:32-15:30			0.67675	24-07-18 13:40	120.8466516	Other	NA	Electronic	0.67628	0.67675
NZDCHFmicro	24-07-18	15:32-17:30			0.67567	24-07-18 15:54	1208.466516	Other	NA	Electronic	0.67567	0.67613
NZDCHFmicro	25-07-18	09:32-11:30			0.67534	25-07-18 10:26	60.42332582	Other	NA	Electronic	0.67534	0.67581
NZDCHFmicro	25-07-18	11:32-13:30			0.67513	25-07-18 11:42	60.42332582	Other	NA	Electronic	0.67513	0.67559
NZDCHFmicro	25-07-18	13:32-15:30			0.6762	25-07-18 14:01	120.8466516	Other	NA	Electronic	0.6762	0.67667
NZDCHFmicro	25-07-18	15:32-17:30			0.67636	25-07-18 15:59	241.6933033	Other	NA	Electronic	0.67636	0.67681
NZDCHFmicro	26-07-18	09:32-11:30			0.67746	26-07-18 09:36	60.42332582	Other	NA	Electronic	0.67746	0.67793
NZDCHFmicro	26-07-18	11:32-13:30			0.67695	26-07-18 11:39	60.42332582	Other	NA	Electronic	0.67649	0.67695
NZDCHFmicro	26-07-18	13:32-15:30			0.67624	26-07-18 13:33	18.12699775	Other	NA	Electronic	0.67577	0.67624
NZDCHFmicro	26-07-18	15:32-17:30			0.67507	26-07-18 15:33	181.2699775	Other	NA	Electronic	0.67466	0.67507

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NZDCHFmicro	27-07-18	09:32-11:30			0.67487	27-07-18 09:36	6042.332582	Other	NA	Electronic	0.67445	0.67487
NZDCHFmicro	27-07-18	11:32-13:30			0.67534	27-07-18 12:33	6.042332582	Other	NA	Electronic	0.67491	0.67534
NZDCHFmicro	27-07-18	13:32-15:30			0.67579	27-07-18 13:38	18.12699775	Other	NA	Electronic	0.67538	0.67579
NZDCHFmicro	27-07-18	15:32-17:30			0.67501	27-07-18 17:24	6.042332582	Other	NA	Electronic	0.67501	0.67547
NZDCHFmicro	30-07-18	09:32-11:30			0.67533	30-07-18 09:45	60.42332582	Other	NA	Electronic	0.67533	0.67575
NZDCHFmicro	30-07-18	11:32-13:30			0.6755	30-07-18 12:16	1208.466516	Other	NA	Electronic	0.6755	0.67592
NZDCHFmicro	30-07-18	13:32-15:30			0.67481	30-07-18 14:39	6.042332582	Other	NA	Electronic	0.67481	0.67524
NZDCHFmicro	30-07-18	15:32-17:30			0.67535	30-07-18 15:56	132.9313168	Other	NA	Electronic	0.67493	0.67535
NZDCHFmicro	31-07-18	09:32-11:30			0.67397	31-07-18 09:46	181.2699775	Other	NA	Electronic	0.67354	0.67397
NZDCHFmicro	31-07-18	11:32-13:30			0.67346	31-07-18 12:04	302.1166291	Other	NA	Electronic	0.67304	0.67346
NZDCHFmicro	31-07-18	13:32-15:30			0.67428	31-07-18 13:49	60.42332582	Other	NA	Electronic	0.67386	0.67428
NZDCHFmicro	31-07-18	15:32-17:30			0.67361	31-07-18 15:43	507.5559369	Other	NA	Electronic	0.67361	0.67403
NZDCHFmicro	01-08-18	09:32-11:30			0.67416	01-08-18 09:42	30.21166291	Other	NA	Electronic	0.67416	0.67458
NZDCHFmicro	01-08-18	11:32-13:30			0.67385	01-08-18 12:16	6.042332582	Other	NA	Electronic	0.67385	0.67426
NZDCHFmicro	01-08-18	13:32-15:30			0.67497	01-08-18 13:40	132.9313168	Other	NA	Electronic	0.67497	0.67539

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NZDCHFmicro	01-08-18	15:32-17:30			0.6735	01-08-18 16:09	2416.933033	Other	NA	Electronic	0.6735	0.67391
NZDCHFmicro	02-08-18	09:32-11:30			0.67201	02-08-18 09:36	60.42332582	Other	NA	Electronic	0.67159	0.67201
NZDCHFmicro	02-08-18	11:32-13:30			0.67197	02-08-18 11:43	60.42332582	Other	NA	Electronic	0.67155	0.67197
NZDCHFmicro	02-08-18	13:32-15:30			0.67096	02-08-18 15:10	1661.64146	Other	NA	Electronic	0.67096	0.67138
NZDCHFmicro	02-08-18	15:32-17:30			0.67168	02-08-18 16:58	2416.933033	Other	NA	Electronic	0.67127	0.67168
NZDCHFmicro	03-08-18	09:32-11:30			0.67041	03-08-18 10:35	60.42332582	Other	NA	Electronic	0.66999	0.67041
NZDCHFmicro	03-08-18	11:32-13:30			0.67211	03-08-18 11:33	72.50799098	Other	NA	Electronic	0.67167	0.67211
NZDCHFmicro	03-08-18	13:30-13:32	0.67023	60.42332582								
NZDCHFmicro	03-08-18	15:32-17:30			0.67126	03-08-18 17:29	604.2332582	Other	NA	Electronic	0.67079	0.67126
NZDCHFmicro	06-08-18	09:32-11:30			0.67092	06-08-18 09:42	151.0583146	Other	NA	Electronic	0.67051	0.67092
NZDCHFmicro	06-08-18	11:32-13:30			0.67094	06-08-18 11:48	138.9736494	Other	NA	Electronic	0.67094	0.67133
NZDCHFmicro	06-08-18	13:32-15:30			0.67177	06-08-18 13:42	72.50799098	Other	NA	Electronic	0.67135	0.67177
NZDCHFmicro	07-08-18	09:32-11:30			0.67153	07-08-18 09:37	60.42332582	Other	NA	Electronic	0.67153	0.67194
NZDCHFmicro	07-08-18	11:32-13:30			0.67122	07-08-18 11:40	193.3546426	Other	NA	Electronic	0.6708	0.67122
NZDCHFmicro	07-08-18	13:32-15:30			0.67024	07-08-18 13:48	241.6933033	Other	NA	Electronic	0.66983	0.67024

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHFmicro	07-08-18	15:32-17:30			0.67076	07-08-18 15:38	18.12699775	Other	NA	Electronic	0.67034	0.67076
NZDCHFmicro	08-08-18	09:32-11:30			0.67102	08-08-18 10:55	84.59265615	Other	NA	Electronic	0.67102	0.67145
NZDCHFmicro	08-08-18	11:32-13:30			0.67073	08-08-18 12:38	60.42332582	Other	NA	Electronic	0.66531	0.66595
NZDCHFmicro	08-08-18	13:32-15:30			0.67142	08-08-18 13:38	12.08466516	Other	NA	Electronic	0.67099	0.67142
NZDCHFmicro	08-08-18	15:30-15:32	0.67058	60.42332582								
NZDCHFmicro	09-08-18	09:32-11:30			0.6611	09-08-18 10:19	247.7356359	Other	NA	Electronic	0.66068	0.6611
NZDCHFmicro	09-08-18	11:32-13:30			0.66097	09-08-18 11:36	60.42332582	Other	NA	Electronic	0.66055	0.66097
NZDCHFmicro	09-08-18	13:30-13:32	0.65896	120.8466516								
NZDCHFmicro	09-08-18	15:30-15:32	0.65646	60.42332582								
NZDCHFmicro	10-08-18	09:32-11:30			0.65629	10-08-18 10:20	181.2699775	Other	NA	Electronic	0.65587	0.65629
NZDCHFmicro	10-08-18	11:32-13:30			0.65644	10-08-18 11:40	120.8466516	Other	NA	Electronic	0.65602	0.65644
NZDCHFmicro	10-08-18	13:32-15:30			0.65672	10-08-18 14:11	120.8466516	Other	NA	Electronic	0.65672	0.65714
NZDCHFmicro	10-08-18	15:32-17:30			0.65701	10-08-18 15:35	12.08466516	Other	NA	Electronic	0.65701	0.65742
NZDCHFmicro	13-08-18	09:32-11:30			0.65411	13-08-18 10:37	120.8466516	Other	NA	Electronic	0.6537	0.65411
NZDCHFmicro	13-08-18	11:32-13:30			0.65366	13-08-18 12:16	60.42332582	Other	NA	Electronic	0.65366	0.65407

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NZDCHFmicro	13-08-18	13:32-15:30			0.65511	13-08-18 14:00	241.6933033	Other	NA	Electronic	0.65469	0.65511
NZDCHFmicro	13-08-18	15:32-17:30			0.65411	13-08-18 16:03	120.8466516	Other	NA	Electronic	0.6537	0.65411
NZDCHFmicro	14-08-18	09:32-11:30			0.65374	14-08-18 11:07	60.42332582	Other	NA	Electronic	0.65331	0.65374
NZDCHFmicro	14-08-18	11:32-13:30			0.65358	14-08-18 12:03	120.8466516	Other	NA	Electronic	0.65316	0.65358
NZDCHFmicro	14-08-18	13:32-15:30			0.65419	14-08-18 13:38	120.8466516	Other	NA	Electronic	0.65377	0.65419
NZDCHFmicro	14-08-18	15:32-17:30			0.65429	14-08-18 16:17	1214.508849	Other	NA	Electronic	0.65387	0.65429
NZDCHFmicro	15-08-18	09:32-11:30			0.65405	15-08-18 09:56	120.8466516	Other	NA	Electronic	0.65405	0.65446
NZDCHFmicro	15-08-18	11:32-13:30			0.6535	15-08-18 11:54	483.3866066	Other	NA	Electronic	0.6535	0.65391
NZDCHFmicro	15-08-18	13:32-15:30			0.65349	15-08-18 13:46	120.8466516	Other	NA	Electronic	0.65308	0.65349
NZDCHFmicro	15-08-18	15:30-15:32	0.65146	96.67732131								
NZDCHFmicro	16-08-18	09:32-11:30			0.65393	16-08-18 10:00	906.3498873	Other	NA	Electronic	0.65393	0.65434
NZDCHFmicro	16-08-18	11:32-13:30			0.65404	16-08-18 11:54	90.63498873	Other	NA	Electronic	0.65404	0.65445
NZDCHFmicro	16-08-18	13:30-13:32	0.65582	205.4393078								
NZDCHFmicro	16-08-18	15:32-17:30			0.65708	16-08-18 15:35	6.042332582	Other	NA	Electronic	0.65667	0.65708
NZDCHFmicro	17-08-18	09:32-11:30			0.65745	17-08-18 10:14	604.2332582	Other	NA	Electronic	0.65745	0.65787



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NZDCHFmicro	17-08-18	11:32-13:30			0.65765	17-08-18 11:35	302.1166291	Other	NA	Electronic	0.65724	0.65765
NZDCHFmicro	17-08-18	13:32-15:30			0.6574	17-08-18 13:38	604.2332582	Other	NA	Electronic	0.6574	0.65781
NZDCHFmicro	17-08-18	15:32-17:30			0.6575	17-08-18 15:38	151.0583146	Other	NA	Electronic	0.65708	0.65749
NZDCHFmicro	20-08-18	09:32-11:30			0.65935	20-08-18 09:45	12.08466516	Other	NA	Electronic	0.65935	0.65977
NZDCHFmicro	20-08-18	11:32-13:30			0.65939	20-08-18 13:05	12.08466516	Other	NA	Electronic	0.65897	0.65939
NZDCHFmicro	20-08-18	13:32-15:30			0.65834	20-08-18 13:47	193.3546426	Other	NA	Electronic	0.65792	0.65834
NZDCHFmicro	20-08-18	15:32-17:30			0.65839	20-08-18 17:11	1812.699775	Other	NA	Electronic	0.65794	0.65839
NZDCHFmicro	21-08-18	09:32-11:30			0.65836	21-08-18 11:11	199.3969752	Other	NA	Electronic	0.65794	0.65835
NZDCHFmicro	21-08-18	11:32-13:30			0.65803	21-08-18 13:27	1214.508849	Other	NA	Electronic	0.65803	0.65845
NZDCHFmicro	21-08-18	13:32-15:30			0.658	21-08-18 13:34	302.1166291	Other	NA	Electronic	0.658	0.65842
NZDCHFmicro	21-08-18	15:32-17:30			0.65936	21-08-18 16:15	604.2332582	Other	NA	Electronic	0.65895	0.65936
NZDCHFmicro	22-08-18	09:32-11:30			0.65808	22-08-18 09:33	108.7619865	Other	NA	Electronic	0.65766	0.65808
NZDCHFmicro	22-08-18	11:30-11:32	0.65872	1812.699775								
NZDCHFmicro	22-08-18	13:30-13:32	0.65839	120.8466516								
NZDCHFmicro	22-08-18	15:32-17:30			0.65914	22-08-18 16:01	90.63498873	Other	NA	Electronic	0.65873	0.65914

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NZDCHFmicro	23-08-18	09:32-11:30			0.65637	23-08-18 09:49	6.042332582	Other	NA	Electronic	0.65637	0.65679
NZDCHFmicro	23-08-18	11:32-13:30			0.65604	23-08-18 11:58	181.2699775	Other	NA	Electronic	0.65563	0.65604
NZDCHFmicro	23-08-18	13:32-15:30			0.65548	23-08-18 13:58	229.6086381	Other	NA	Electronic	0.65548	0.65589
NZDCHFmicro	23-08-18	15:30-15:32	0.65533	84.59265615								
NZDCHFmicro	24-08-18	09:32-11:30			0.65477	24-08-18 10:08	60423.32582	Other	NA	Electronic	0.65436	0.65477
NZDCHFmicro	24-08-18	11:32-13:30			0.65615	24-08-18 11:32	241.6933033	Other	NA	Electronic	0.65573	0.65615
NZDCHFmicro	24-08-18	13:32-15:30			0.65575	24-08-18 13:48	1208.466516	Other	NA	Electronic	0.65534	0.65575
NZDCHFmicro	24-08-18	15:32-17:30			0.65786	24-08-18 15:56	302.1166291	Other	NA	Electronic	0.65744	0.65786
NZDCHFmicro	27-08-18	09:32-11:30			0.65626	27-08-18 09:44	78.55032357	Other	NA	Electronic	0.65584	0.65626
NZDCHFmicro	27-08-18	11:32-13:30			0.65657	27-08-18 12:58	634.4449211	Other	NA	Electronic	0.65616	0.65657
NZDCHFmicro	27-08-18	13:30-13:32	0.65652	1208.466516								
NZDCHFmicro	27-08-18	15:32-17:30			0.6558	27-08-18 16:11	120.8466516	Other	NA	Electronic	0.6558	0.65622
NZDCHFmicro	28-08-18	09:32-11:30			0.65558	28-08-18 10:20	60.42332582	Other	NA	Electronic	0.65516	0.65558
NZDCHFmicro	28-08-18	11:32-13:30			0.65523	28-08-18 11:55	1208.466516	Other	NA	Electronic	0.65482	0.65523
NZDCHFmicro	28-08-18	13:32-15:30			0.6554	28-08-18 13:40	1812.699775	Other	NA	Electronic	0.65499	0.6554

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NZDCHFmicro	29-08-18	11:30-11:32	0.65428	3021.166291								
NZDCHFmicro	29-08-18	13:32-15:30			0.652	29-08-18 13:34	6.042332582	Other	NA	Electronic	0.65158	0.652
NZDCHFmicro	29-08-18	15:32-17:30			0.65145	29-08-18 16:25	30.21166291	Other	NA	Electronic	0.65145	0.65186
NZDCHFmicro	30-08-18	09:32-11:30			0.64634	30-08-18 10:25	120.8466516	Other	NA	Electronic	0.64634	0.64676
NZDCHFmicro	30-08-18	11:32-13:30			0.64648	30-08-18 12:04	60.42332582	Other	NA	Electronic	0.64606	0.64648
NZDCHFmicro	30-08-18	13:32-15:30			0.64616	30-08-18 14:31	1208.466516	Other	NA	Electronic	0.64575	0.64616
NZDCHFmicro	30-08-18	15:32-17:30			0.64542	30-08-18 15:33	302.1166291	Other	NA	Electronic	0.645	0.64542
NZDCHFmicro	31-08-18	09:32-11:30			0.64173	31-08-18 10:16	30.21166291	Other	NA	Electronic	0.64173	0.64215
NZDCHFmicro	31-08-18	11:32-13:30			0.64246	31-08-18 12:00	302.1166291	Other	NA	Electronic	0.64205	0.64246
NZDCHFmicro	31-08-18	13:32-15:30			0.64268	31-08-18 14:25	60.42332582	Other	NA	Electronic	0.64227	0.64268
NZDCHFmicro	31-08-18	15:30-15:32	0.64209	120.8466516								
NZDCHFmicro	03-09-18	09:32-11:30			0.64159	03-09-18 09:36	120.8466516	Other	NA	Electronic	0.64118	0.64159
NZDCHFmicro	03-09-18	11:32-13:30			0.64142	03-09-18 11:59	60.42332582	Other	NA	Electronic	0.641	0.64142
NZDCHFmicro	03-09-18	13:32-15:30			0.6408	03-09-18 13:36	120.8466516	Other	NA	Electronic	0.64038	0.6408
NZDCHFmicro	03-09-18	15:32-17:30			0.63962	03-09-18 15:45	72.50799098	Other	NA	Electronic	0.63962	0.64003

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NZDCHFmicro	04-09-18	09:32-11:30			0.63783	04-09-18 09:43	241.6933033	Other	NA	Electronic	0.63742	0.63783
NZDCHFmicro	04-09-18	11:32-13:30			0.63835	04-09-18 11:34	12.08466516	Other	NA	Electronic	0.63793	0.63835
NZDCHFmicro	04-09-18	13:32-15:30			0.63899	04-09-18 13:59	120.8466516	Other	NA	Electronic	0.63899	0.63946
NZDCHFmicro	04-09-18	15:32-17:30			0.63788	04-09-18 15:44	181.2699775	Other	NA	Electronic	0.63788	0.63829
NZDCHFmicro	05-09-18	09:32-11:30			0.63957	05-09-18 10:04	120.8466516	Other	NA	Electronic	0.63916	0.63957
NZDCHFmicro	05-09-18	11:32-13:30			0.6394	05-09-18 11:42	30.21166291	Other	NA	Electronic	0.6394	0.63981
NZDCHFmicro	05-09-18	13:30-13:32	0.63946	12084.66516								
NZDCHFmicro	05-09-18	15:32-17:30			0.63893	05-09-18 15:37	181.2699775	Other	NA	Electronic	0.63893	0.63935
NZDCHFmicro	06-09-18	09:30-09:32	0.63997	4229.632807								
NZDCHFmicro	06-09-18	11:32-13:30			0.63901	06-09-18 12:59	120.8466516	Other	NA	Electronic	0.63901	0.63942
NZDCHFmicro	06-09-18	13:32-15:30			0.63794	06-09-18 13:36	604.2332582	Other	NA	Electronic	0.63794	0.63836
NZDCHFmicro	06-09-18	15:30-15:32	0.63899	181.2699775								
NZDCHFmicro	07-09-18	09:32-11:30			0.63468	07-09-18 09:48	6042.332582	Other	NA	Electronic	0.63468	0.63509
NZDCHFmicro	07-09-18	11:32-13:30			0.63512	07-09-18 11:39	181.2699775	Other	NA	Electronic	0.63512	0.63554
NZDCHFmicro	07-09-18	13:32-15:30			0.63322	07-09-18 13:45	422.9632807	Other	NA	Electronic	0.63322	0.63363

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NZDCHFmicro	07-09-18	15:32-17:30			0.63364	07-09-18 16:06	30.21166291	Other	NA	Electronic	0.63364	0.63406
NZDCHFmicro	10-09-18	09:30-09:32	0.63537	24.16933033								
NZDCHFmicro	10-09-18	11:32-13:30			0.63627	10-09-18 11:43	60.42332582	Other	NA	Electronic	0.63627	0.63669
NZDCHFmicro	10-09-18	13:32-15:30			0.63681	10-09-18 14:00	1818.742107	Other	NA	Electronic	0.63681	0.63722
NZDCHFmicro	10-09-18	15:32-17:30			0.63639	10-09-18 15:41	60.42332582	Other	NA	Electronic	0.63639	0.63681
NZDCHFmicro	11-09-18	09:32-11:30			0.63566	11-09-18 09:49	120.8466516	Other	NA	Electronic	0.63525	0.63566
NZDCHFmicro	11-09-18	11:30-11:32	0.63404	302.1166291								
NZDCHFmicro	11-09-18	13:32-15:30			0.63366	11-09-18 13:33	1510.583146	Other	NA	Electronic	0.63324	0.63366
NZDCHFmicro	11-09-18	15:32-17:30			0.63406	11-09-18 15:52	241.6933033	Other	NA	Electronic	0.63365	0.63406
NZDCHFmicro	12-09-18	09:32-11:30			0.63498	12-09-18 09:51	604.2332582	Other	NA	Electronic	0.63456	0.63498
NZDCHFmicro	12-09-18	11:32-13:30			0.63491	12-09-18 13:09	1208.466516	Other	NA	Electronic	0.63449	0.63491
NZDCHFmicro	12-09-18	13:32-15:30			0.63427	12-09-18 13:34	60.42332582	Other	NA	Electronic	0.63427	0.63468
NZDCHFmicro	12-09-18	15:32-17:30			0.63591	12-09-18 15:54	78.55032357	Other	NA	Electronic	0.63591	0.63632
NZDCHFmicro	13-09-18	09:32-11:30			0.63469	13-09-18 09:55	1208.466516	Other	NA	Electronic	0.63469	0.63511
NZDCHFmicro	13-09-18	11:32-13:30			0.63435	13-09-18 12:29	604.2332582	Other	NA	Electronic	0.63435	0.63556

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NZDCHFmicro	13-09-18	13:32-15:30			0.63685	13-09-18 13:41	60.42332582	Other	NA	Electronic	0.63648	0.63685
NZDCHFmicro	13-09-18	15:32-17:30			0.63512	13-09-18 15:43	290.0319639	Other	NA	Electronic	0.63512	0.63548
NZDCHFmicro	14-09-18	09:30-09:32	0.63485	84.59265615								
NZDCHFmicro	14-09-18	11:32-13:30			0.63404	14-09-18 11:36	60.42332582	Other	NA	Electronic	0.63404	0.63441
NZDCHFmicro	14-09-18	13:32-15:30			0.6343	14-09-18 14:13	72.50799098	Other	NA	Electronic	0.63394	0.6343
NZDCHFmicro	14-09-18	15:32-17:30			0.63406	14-09-18 16:09	78.55032357	Other	NA	Electronic	0.63371	0.63406
NZDCHFmicro	17-09-18	09:32-11:30			0.63393	17-09-18 09:42	302.1166291	Other	NA	Electronic	0.63357	0.63393
NZDCHFmicro	17-09-18	11:32-13:30			0.63342	17-09-18 11:43	60.42332582	Other	NA	Electronic	0.63306	0.63342
NZDCHFmicro	17-09-18	13:32-15:30			0.63447	17-09-18 13:34	60.42332582	Other	NA	Electronic	0.6341	0.63447
NZDCHFmicro	17-09-18	15:32-17:30			0.63382	17-09-18 15:37	60.42332582	Other	NA	Electronic	0.63346	0.63382
NZDCHFmicro	18-09-18	09:30-09:32	0.63381	785.5032357								
NZDCHFmicro	18-09-18	11:32-13:30			0.63417	18-09-18 11:56	1268.889842	Other	NA	Electronic	0.63381	0.63417
NZDCHFmicro	18-09-18	13:32-15:30			0.63346	18-09-18 15:00	60.42332582	Other	NA	Electronic	0.63346	0.63382
NZDCHFmicro	18-09-18	15:32-17:30			0.63424	18-09-18 15:48	1208.466516	Other	NA	Electronic	0.63387	0.63424
NZDCHFmicro	19-09-18	09:32-11:30			0.63862	19-09-18 09:32	1450.15982	Other	NA	Electronic	0.63825	0.63862

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NZDCHFmicro	19-09-18	11:32-13:30			0.63917	19-09-18 12:05	60.42332582	Other	NA	Electronic	0.63917	0.63954
NZDCHFmicro	19-09-18	13:30-13:32	0.63978	60.42332582								
NZDCHFmicro	19-09-18	15:32-17:30			0.64027	19-09-18 15:34	1208.466516	Other	NA	Electronic	0.6399	0.64027
NZDCHFmicro	20-09-18	09:32-11:30			0.64336	20-09-18 09:32	78.55032357	Other	NA	Electronic	0.64336	0.64373
NZDCHFmicro	20-09-18	11:32-13:30			0.64264	20-09-18 11:32	42.29632807	Other	NA	Electronic	0.64264	0.643
NZDCHFmicro	20-09-18	13:32-15:30			0.64109	20-09-18 13:46	72.50799098	Other	NA	Electronic	0.64073	0.64109
NZDCHFmicro	20-09-18	15:32-17:30			0.64177	20-09-18 15:49	6.042332582	Other	NA	Electronic	0.64177	0.64213
NZDCHFmicro	21-09-18	09:32-11:30			0.63992	21-09-18 09:38	1208.466516	Other	NA	Electronic	0.63955	0.63992
NZDCHFmicro	21-09-18	11:30-11:32	0.639	604.2332582								
NZDCHFmicro	21-09-18	13:32-15:30			0.63941	21-09-18 13:38	66.4656584	Other	NA	Electronic	0.63905	0.63941
NZDCHFmicro	21-09-18	15:32-17:30			0.64077	21-09-18 15:37	6.042332582	Other	NA	Electronic	0.64041	0.64077
NZDCHFmicro	24-09-18	09:32-11:30			0.6393	24-09-18 10:00	42.29632807	Other	NA	Electronic	0.63893	0.6393
NZDCHFmicro	24-09-18	11:30-11:32	0.63963	181.2699775								
NZDCHFmicro	24-09-18	13:32-15:30			0.63942	24-09-18 13:39	302.1166291	Other	NA	Electronic	0.63905	0.63942
NZDCHFmicro	24-09-18	15:32-17:30			0.6398	24-09-18 16:16	120.8466516	Other	NA	Electronic	0.63943	0.6398

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHFmicro	25-09-18	09:32-11:30			0.64194	25-09-18 09:44	181.2699775	Other	NA	Electronic	0.64194	0.6423
NZDCHFmicro	25-09-18	11:32-13:30			0.64208	25-09-18 11:40	604.2332582	Other	NA	Electronic	0.64208	0.64244
NZDCHFmicro	25-09-18	13:32-15:30			0.6422	25-09-18 13:55	217.523973	Other	NA	Electronic	0.6422	0.64257
NZDCHFmicro	25-09-18	15:32-17:30			0.64083	25-09-18 16:41	1208.466516	Other	NA	Electronic	0.64083	0.6412
NZDCHFmicro	26-09-18	09:32-11:30			0.64427	26-09-18 10:51	60.42332582	Other	NA	Electronic	0.64427	0.64464
NZDCHFmicro	26-09-18	11:32-13:30			0.64353	26-09-18 12:00	3021.166291	Other	NA	Electronic	0.64353	0.6439
NZDCHFmicro	26-09-18	13:32-15:30			0.64394	26-09-18 14:28	60.42332582	Other	NA	Electronic	0.64394	0.6443
NZDCHFmicro	26-09-18	15:32-17:30			0.64336	26-09-18 16:19	302.1166291	Other	NA	Electronic	0.64336	0.64372
NZDCHFmicro	27-09-18	09:32-11:30			0.64349	27-09-18 09:57	60.42332582	Other	NA	Electronic	0.64311	0.64349
NZDCHFmicro	27-09-18	11:32-13:30			0.64519	27-09-18 11:32	6.042332582	Other	NA	Electronic	0.64519	0.64555
NZDCHFmicro	27-09-18	13:30-13:32	0.646	966.7732131								
NZDCHFmicro	27-09-18	15:32-17:30			0.64719	27-09-18 15:39	235.6509707	Other	NA	Electronic	0.64719	0.64756
NZDCHFmicro	28-09-18	09:32-11:30			0.64442	28-09-18 09:48	72.50799098	Other	NA	Electronic	0.64405	0.64442
NZDCHFmicro	28-09-18	11:32-13:30			0.64586	28-09-18 11:54	193.3546426	Other	NA	Electronic	0.64586	0.64622
NZDCHFmicro	28-09-18	13:32-15:30			0.64733	28-09-18 14:47	302.1166291	Other	NA	Electronic	0.64733	0.64769



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDCHFmicro	28-09-18	15:32-17:30			0.64798	28-09-18 16:42	60.42332582	Other	NA	Electronic	0.64762	0.64798
NZDJPY	02-07-18	09:32-11:30			74.659	02-07-18 09:36	604.2332582	Other	NA	Electronic	74.658	74.709
NZDJPY	02-07-18	11:30-11:32	74.488	4229.632807								
NZDJPY	02-07-18	13:30-13:32	74.3245	1208.466516								
NZDJPY	02-07-18	15:30-15:32	74.1734	15105.83146								
NZDJPY	03-07-18	09:30-09:32	74.7195	8459.265615								
NZDJPY	03-07-18	11:32-13:30			74.659	03-07-18 11:33	1812.699775	Other	NA	Electronic	74.609	74.659
NZDJPY	03-07-18	13:32-15:30			74.554	03-07-18 13:32	1208.466516	Other	NA	Electronic	74.554	74.604
NZDJPY	03-07-18	15:30-15:32	74.635	3021.166291								
NZDJPY	04-07-18	09:32-11:30			74.738	04-07-18 09:34	604.2332582	Other	NA	Electronic	74.738	74.787
NZDJPY	04-07-18	11:32-13:30			74.682	04-07-18 11:33	604.2332582	Other	NA	Electronic	74.682	74.732
NZDJPY	04-07-18	13:32-15:30			74.644	04-07-18 13:49	15105.83146	Other	NA	Electronic	74.638	74.688
NZDJPY	04-07-18	15:30-15:32	74.784	6042.332582								
NZDJPY	05-07-18	09:30-09:32	75.07333	1812.699775								
NZDJPY	05-07-18	11:32-13:30			75.016	05-07-18 11:37	30211.66291	Other	NA	Electronic	75.016	75.066

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	05-07-18	13:32-15:30			75.063	05-07-18 13:35	4833.866066	Other	NA	Electronic	75.298	75.35
NZDJPY	05-07-18	15:32-17:30			75.163	05-07-18 15:40	604.2332582	Other	NA	Electronic	75.113	75.163
NZDJPY	06-07-18	09:32-11:30			75.369	06-07-18 09:33	3021.166291	Other	NA	Electronic	75.369	75.418
NZDJPY	06-07-18	11:32-13:30			75.426	06-07-18 11:47	6042.332582	Other	NA	Electronic	75.426	75.475
NZDJPY	06-07-18	13:32-15:30			75.485	06-07-18 13:41	6042.332582	Other	NA	Electronic	75.435	75.485
NZDJPY	06-07-18	15:30-15:32	75.461	3021.166291								
NZDJPY	09-07-18	09:32-11:30			75.635	09-07-18 09:38	3021.166291	Other	NA	Electronic	75.585	75.635
NZDJPY	09-07-18	11:32-13:30			75.654	09-07-18 11:38	604.2332582	Other	NA	Electronic	75.654	75.704
NZDJPY	09-07-18	13:30-13:32	75.75125	8459.265615								
NZDJPY	09-07-18	15:32-17:30			75.792	09-07-18 15:42	604.2332582	Other	NA	Electronic	75.742	75.792
NZDJPY	10-07-18	09:32-11:30			75.816	10-07-18 09:35	3021.166291	Other	NA	Electronic	75.766	75.816
NZDJPY	10-07-18	11:32-13:30			75.751	10-07-18 11:35	30211.66291	Other	NA	Electronic	75.751	75.8
NZDJPY	10-07-18	13:30-13:32	75.935	604.2332582								
NZDJPY	10-07-18	15:30-15:32	76.056	6042.332582								
NZDJPY	11-07-18	09:32-11:30			75.534	11-07-18 09:32	1208.466516	Other	NA	Electronic	75.534	75.584

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NZDJPY	11-07-18	11:32-13:30			75.498	11-07-18 11:44	1812.699775	Other	NA	Electronic	75.498	75.548
NZDJPY	11-07-18	13:32-15:30			75.613	11-07-18 13:34	604.2332582	Other	NA	Electronic	75.561	75.611
NZDJPY	11-07-18	15:32-17:30			75.641	11-07-18 15:34	3021.166291	Other	NA	Electronic	75.641	75.69
NZDJPY	12-07-18	09:30-09:32	76.081	60423.32582								
NZDJPY	12-07-18	11:32-13:30			75.991	12-07-18 11:53	604.2332582	Other	NA	Electronic	75.991	76.041
NZDJPY	12-07-18	13:32-15:30			76.105	12-07-18 13:40	604.2332582	Other	NA	Electronic	76.105	76.157
NZDJPY	12-07-18	15:32-17:30			76.184	12-07-18 15:46	3625.399549	Other	NA	Electronic	76.184	76.233
NZDJPY	13-07-18	09:30-09:32	75.868	120846.6516								
NZDJPY	13-07-18	11:30-11:32	75.745	1208.466516								
NZDJPY	13-07-18	13:32-15:30			75.82	13-07-18 13:42	604.2332582	Other	NA	Electronic	75.822	75.87
NZDJPY	13-07-18	15:32-17:30			76.083	13-07-18 15:32	1208.466516	Other	NA	Electronic	76.031	76.084
NZDJPY	16-07-18	09:32-11:30			76.207	16-07-18 10:05	30211.66291	Other	NA	Electronic	76.207	76.258
NZDJPY	16-07-18	11:32-13:30			76.26	16-07-18 11:39	604.2332582	Other	NA	Electronic	76.212	76.26
NZDJPY	16-07-18	13:32-15:30			76.217	16-07-18 13:38	1812.699775	Other	NA	Electronic	76.217	76.268
NZDJPY	16-07-18	15:30-15:32	76.022	604.2332582								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	17-07-18	09:32-11:30			76.743	17-07-18 09:35	1208.466516	Other	NA	Electronic	76.743	76.788
NZDJPY	17-07-18	11:32-13:30			76.616	17-07-18 11:34	604.2332582	Other	NA	Electronic	76.616	76.665
NZDJPY	17-07-18	13:32-15:30			76.627	17-07-18 13:35	1208.466516	Other	NA	Electronic	76.577	76.627
NZDJPY	17-07-18	15:32-17:30			76.623	17-07-18 15:32	1208.466516	Other	NA	Electronic	76.623	76.674
NZDJPY	18-07-18	09:32-11:30			76.39	18-07-18 09:43	1208.466516	Other	NA	Electronic	76.36	76.39
NZDJPY	18-07-18	11:32-13:30			76.435	18-07-18 11:37	604.2332582	Other	NA	Electronic	76.386	76.435
NZDJPY	18-07-18	13:32-15:30			76.442	18-07-18 13:35	1208.466516	Other	NA	Electronic	76.442	76.492
NZDJPY	18-07-18	15:32-17:30			76.518	18-07-18 15:32	604.2332582	Other	NA	Electronic	76.518	76.569
NZDJPY	19-07-18	09:30-09:32	76.0995	4833.866066								
NZDJPY	19-07-18	11:32-13:30			76.066	19-07-18 11:38	6042.332582	Other	NA	Electronic	76.015	76.064
NZDJPY	19-07-18	13:30-13:32	76.039	604.2332582								
NZDJPY	19-07-18	15:32-17:30			75.841	19-07-18 15:34	3625.399549	Other	NA	Electronic	75.841	75.889
NZDJPY	20-07-18	09:30-09:32	76.059	604.2332582								
NZDJPY	20-07-18	11:32-13:30			75.955	20-07-18 11:41	604.2332582	Other	NA	Electronic	75.955	76.004
NZDJPY	20-07-18	13:30-13:32	76.068	6042.332582								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	20-07-18	15:30-15:32	76.06133	9063.498873								
NZDJPY	23-07-18	09:30-09:32	75.594	604.2332582								
NZDJPY	23-07-18	11:32-13:30			75.717	23-07-18 11:52	604.2332582	Other	NA	Electronic	75.666	75.717
NZDJPY	23-07-18	13:30-13:32	75.6086	302720.8624								
NZDJPY	23-07-18	15:30-15:32	75.512	3021.166291								
NZDJPY	24-07-18	09:32-11:30			75.524	24-07-18 09:40	3021.166291	Other	NA	Electronic	75.474	75.524
NZDJPY	24-07-18	11:32-13:30			75.603	24-07-18 11:56	604.2332582	Other	NA	Electronic	75.603	75.654
NZDJPY	24-07-18	13:32-15:30			75.604	24-07-18 13:56	1208.466516	Other	NA	Electronic	75.604	75.655
NZDJPY	24-07-18	15:32-17:30			75.704	24-07-18 16:06	604.2332582	Other	NA	Electronic	75.655	75.704
NZDJPY	25-07-18	09:32-11:30			75.709	25-07-18 09:42	604.2332582	Other	NA	Electronic	75.709	75.759
NZDJPY	25-07-18	11:30-11:32	75.599	126888.9842								
NZDJPY	25-07-18	13:30-13:32	75.71	604.2332582								
NZDJPY	25-07-18	15:30-15:32	75.514	3021.166291								
NZDJPY	26-07-18	09:32-11:30			75.622	26-07-18 09:37	6042.332582	Other	NA	Electronic	75.573	75.622
NZDJPY	26-07-18	11:32-13:30			75.511	26-07-18 11:43	2416.933033	Other	NA	Electronic	75.511	75.561

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NZDJPY	26-07-18	13:30-13:32	75.568	604.2332582								
NZDJPY	26-07-18	15:32-17:30			75.474	26-07-18 15:39	1208.466516	Other	NA	Electronic	75.474	75.525
NZDJPY	27-07-18	09:30-09:32	75.28	2416.933033								
NZDJPY	27-07-18	11:30-11:32	75.214	604.2332582								
NZDJPY	27-07-18	13:30-13:32	75.244	1812.699775								
NZDJPY	27-07-18	15:32-17:30			75.438	27-07-18 15:36	18126.99775	Other	NA	Electronic	75.39	75.438
NZDJPY	30-07-18	09:32-11:30			75.58	30-07-18 09:32	3021.166291	Other	NA	Electronic	75.58	75.631
NZDJPY	30-07-18	11:30-11:32	75.598	3625.399549								
NZDJPY	30-07-18	13:30-13:32	75.7	604.2332582								
NZDJPY	30-07-18	15:30-15:32	75.807	1812.699775								
NZDJPY	31-07-18	09:32-11:30			75.986	31-07-18 09:36	6042.332582	Other	NA	Electronic	75.986	76.036
NZDJPY	31-07-18	11:32-13:30			75.968	31-07-18 11:36	3021.166291	Other	NA	Electronic	75.968	76.018
NZDJPY	31-07-18	13:30-13:32	76.135	604.2332582								
NZDJPY	31-07-18	15:32-17:30			76.226	31-07-18 15:34	1208.466516	Other	NA	Electronic	76.177	76.226
NZDJPY	01-08-18	09:32-11:30			76.093	01-08-18 09:42	604.2332582	Other	NA	Electronic	76.093	76.143

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	01-08-18	11:32-13:30			76.138	01-08-18 12:00	1208.466516	Other	NA	Electronic	76.088	76.138
NZDJPY	01-08-18	13:32-15:30			76.213	01-08-18 13:34	4833.866066	Other	NA	Electronic	76.162	76.213
NZDJPY	01-08-18	15:30-15:32	75.9795	30211.66291								
NZDJPY	02-08-18	09:32-11:30			75.392	02-08-18 09:33	604.2332582	Other	NA	Electronic	75.342	75.392
NZDJPY	02-08-18	11:32-13:30			75.382	02-08-18 11:41	604.2332582	Other	NA	Electronic	75.333	75.382
NZDJPY	02-08-18	13:32-15:30			75.239	02-08-18 13:34	1812.699775	Other	NA	Electronic	75.239	75.287
NZDJPY	02-08-18	15:32-17:30			75.294	02-08-18 16:05	604.2332582	Other	NA	Electronic	75.294	75.344
NZDJPY	03-08-18	09:32-11:30			75.247	03-08-18 09:43	604.2332582	Other	NA	Electronic	75.197	75.247
NZDJPY	03-08-18	11:30-11:32	75.4385	30211.66291								
NZDJPY	03-08-18	13:32-15:30			75	03-08-18 13:34	1208.466516	Other	NA	Electronic	75	75.05
NZDJPY	03-08-18	15:32-17:30			75.095	03-08-18 16:00	604.2332582	Other	NA	Electronic	75.046	75.095
NZDJPY	06-08-18	09:32-11:30			74.989	06-08-18 10:18	604.2332582	Other	NA	Electronic	74.989	75.039
NZDJPY	06-08-18	11:32-13:30			75.021	06-08-18 11:36	604.2332582	Other	NA	Electronic	74.972	75.021
NZDJPY	06-08-18	13:32-15:30			75.061	06-08-18 15:14	604.2332582	Other	NA	Electronic	75.013	75.061
NZDJPY	07-08-18	09:32-11:30			75.085	07-08-18 09:32	1208.466516	Other	NA	Electronic	75.034	75.085

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	07-08-18	11:32-13:30			74.994	07-08-18 11:53	604.2332582	Other	NA	Electronic	74.994	75.043
NZDJPY	07-08-18	13:32-15:30			74.915	07-08-18 13:49	3021.166291	Other	NA	Electronic	74.864	74.914
NZDJPY	07-08-18	15:32-17:30			74.911	07-08-18 16:39	604.2332582	Other	NA	Electronic	74.911	74.962
NZDJPY	08-08-18	09:32-11:30			74.732	08-08-18 09:32	3625.399549	Other	NA	Electronic	74.732	74.782
NZDJPY	08-08-18	11:30-11:32	74.89	604.2332582								
NZDJPY	08-08-18	13:32-15:30			74.782	08-08-18 13:51	604.2332582	Other	NA	Electronic	74.732	74.782
NZDJPY	08-08-18	15:32-17:30			74.758	08-08-18 15:56	604.2332582	Other	NA	Electronic	74.758	74.831
NZDJPY	09-08-18	09:32-11:30			73.985	09-08-18 10:03	1812.699775	Other	NA	Electronic	73.935	73.985
NZDJPY	09-08-18	11:32-13:30			73.941	09-08-18 11:37	1208.466516	Other	NA	Electronic	73.89	73.941
NZDJPY	09-08-18	13:30-13:32	73.722	3021.166291								
NZDJPY	09-08-18	15:30-15:32	73.499	9063.498873								
NZDJPY	10-08-18	09:32-11:30			73.142	10-08-18 09:39	2416.933033	Other	NA	Electronic	73.092	73.142
NZDJPY	10-08-18	11:32-13:30			73.253	10-08-18 12:19	67069.89166	Other	NA	Electronic	73.203	73.253
NZDJPY	10-08-18	13:32-15:30			73.221	10-08-18 13:32	6042.332582	Other	NA	Electronic	73.17	73.221
NZDJPY	10-08-18	15:32-17:30			73.124	10-08-18 15:43	604.2332582	Other	NA	Electronic	73.074	73.124



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	13-08-18	09:32-11:30			72.563	13-08-18 10:09	3021.166291	Other	NA	Electronic	72.563	72.613
NZDJPY	13-08-18	11:32-13:30			72.507	13-08-18 11:46	604.2332582	Other	NA	Electronic	72.507	72.558
NZDJPY	13-08-18	13:32-15:30			72.964	13-08-18 13:35	604.2332582	Other	NA	Electronic	72.964	73.013
NZDJPY	13-08-18	15:32-17:30			72.862	13-08-18 15:34	604.2332582	Other	NA	Electronic	72.862	72.912
NZDJPY	14-08-18	09:32-11:30			73.227	14-08-18 09:37	1208.466516	Other	NA	Electronic	73.178	73.227
NZDJPY	14-08-18	11:30-11:32	73.155	604.2332582								
NZDJPY	14-08-18	13:32-15:30			73.097	14-08-18 13:37	604.2332582	Other	NA	Electronic	73.097	73.147
NZDJPY	14-08-18	15:30-15:32	73.056	24169.33033								
NZDJPY	15-08-18	09:32-11:30			72.893	15-08-18 09:50	3021.166291	Other	NA	Electronic	72.893	72.943
NZDJPY	15-08-18	11:30-11:32	72.68	604.2332582								
NZDJPY	15-08-18	13:32-15:30			72.615	15-08-18 13:46	7250.799098	Other	NA	Electronic	72.615	72.666
NZDJPY	15-08-18	15:32-17:30			72.542	15-08-18 15:36	604.2332582	Other	NA	Electronic	72.493	72.542
NZDJPY	16-08-18	09:32-11:30			73.009	16-08-18 09:59	120846.6516	Other	NA	Electronic	72.958	73.009
NZDJPY	16-08-18	11:32-13:30			72.913	16-08-18 12:35	604.2332582	Other	NA	Electronic	72.913	72.964
NZDJPY	16-08-18	13:32-15:30			73.026	16-08-18 13:45	604.2332582	Other	NA	Electronic	72.976	73.026

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	16-08-18	15:32-17:30			73.15	16-08-18 15:50	604.2332582	Other	NA	Electronic	73.099	73.15
NZDJPY	17-08-18	09:32-11:30			72.929	17-08-18 09:39	604.2332582	Other	NA	Electronic	72.929	72.979
NZDJPY	17-08-18	11:32-13:30			72.889	17-08-18 11:35	604.2332582	Other	NA	Electronic	72.889	72.939
NZDJPY	17-08-18	13:32-15:30			73.073	17-08-18 13:39	1208.466516	Other	NA	Electronic	73.023	73.073
NZDJPY	17-08-18	15:32-17:30			73.075	17-08-18 16:17	604.2332582	Other	NA	Electronic	73.025	73.075
NZDJPY	20-08-18	09:32-11:30			73.25	20-08-18 09:32	6042.332582	Other	NA	Electronic	73.2	73.25
NZDJPY	20-08-18	11:30-11:32	73.22	604.2332582								
NZDJPY	20-08-18	13:32-15:30			73.174	20-08-18 13:45	6042.332582	Other	NA	Electronic	73.123	73.174
NZDJPY	20-08-18	15:32-17:30			73.095	20-08-18 15:39	9063.498873	Other	NA	Electronic	73.095	73.144
NZDJPY	21-08-18	09:32-11:30			73.48	21-08-18 10:01	18126.99775	Other	NA	Electronic	73.48	73.53
NZDJPY	21-08-18	11:32-13:30			73.449	21-08-18 11:44	6042.332582	Other	NA	Electronic	73.449	73.499
NZDJPY	21-08-18	13:30-13:32	73.64	1812.699775								
NZDJPY	21-08-18	15:30-15:32	73.681	604.2332582								
NZDJPY	22-08-18	09:32-11:30			73.789	22-08-18 09:49	604.2332582	Other	NA	Electronic	73.789	73.839
NZDJPY	22-08-18	11:32-13:30			73.902	22-08-18 11:43	604.2332582	Other	NA	Electronic	73.902	73.951

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	22-08-18	13:32-15:30			74.021	22-08-18 13:34	30211.66291	Other	NA	Electronic	73.972	74.021
NZDJPY	22-08-18	15:30-15:32	73.995	30211.66291								
NZDJPY	23-08-18	09:32-11:30			73.96	23-08-18 10:01	604.2332582	Other	NA	Electronic	73.96	74.01
NZDJPY	23-08-18	11:32-13:30			73.94	23-08-18 12:40	604.2332582	Other	NA	Electronic	73.94	73.99
NZDJPY	23-08-18	13:32-15:30			73.963	23-08-18 13:55	604.2332582	Other	NA	Electronic	73.963	74.014
NZDJPY	23-08-18	15:32-17:30			73.908	23-08-18 16:00	6042.332582	Other	NA	Electronic	73.908	73.958
NZDJPY	24-08-18	09:32-11:30			74.137	24-08-18 10:05	30211.66291	Other	NA	Electronic	74.088	74.137
NZDJPY	24-08-18	11:32-13:30			74.207	24-08-18 11:36	1208.466516	Other	NA	Electronic	74.207	74.257
NZDJPY	24-08-18	13:32-15:30			74.214	24-08-18 13:35	604.2332582	Other	NA	Electronic	74.214	74.264
NZDJPY	24-08-18	15:32-17:30			74.378	24-08-18 15:46	18126.99775	Other	NA	Electronic	74.378	74.428
NZDJPY	27-08-18	09:32-11:30			74.172	27-08-18 09:41	604.2332582	Other	NA	Electronic	74.172	74.222
NZDJPY	27-08-18	11:32-13:30			74.199	27-08-18 11:32	12084.66516	Other	NA	Electronic	74.149	74.199
NZDJPY	27-08-18	13:32-15:30			74.302	27-08-18 14:15	60423.32582	Other	NA	Electronic	74.251	74.302
NZDJPY	27-08-18	15:32-17:30			74.318	27-08-18 15:48	3021.166291	Other	NA	Electronic	74.318	74.368
NZDJPY	28-08-18	09:32-11:30			74.559	28-08-18 10:23	604.2332582	Other	NA	Electronic	74.508	74.559

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	28-08-18	11:32-13:30			74.511	28-08-18 11:59	604.2332582	Other	NA	Electronic	74.511	74.56
NZDJPY	28-08-18	13:32-15:30			74.577	28-08-18 13:32	1208.466516	Other	NA	Electronic	74.577	74.625
NZDJPY	28-08-18	15:32-17:30			74.595	28-08-18 15:34	6042.332582	Other	NA	Electronic	74.545	74.595
NZDJPY	29-08-18	09:32-11:30			74.603	29-08-18 09:37	60423.32582	Other	NA	Electronic	74.603	74.652
NZDJPY	29-08-18	11:32-13:30			74.514	29-08-18 11:34	604.2332582	Other	NA	Electronic	74.514	74.564
NZDJPY	29-08-18	13:32-15:30			74.55	29-08-18 13:35	60423.32582	Other	NA	Electronic	74.55	74.601
NZDJPY	29-08-18	15:30-15:32	74.919	4229.632807								
NZDJPY	30-08-18	09:30-09:32	74.251	1208.466516								
NZDJPY	30-08-18	11:32-13:30			74.217	30-08-18 11:42	604.2332582	Other	NA	Electronic	74.217	74.265
NZDJPY	30-08-18	13:32-15:30			74.043	30-08-18 13:33	1812.699775	Other	NA	Electronic	74.043	74.092
NZDJPY	30-08-18	15:32-17:30			73.872	30-08-18 15:38	604.2332582	Other	NA	Electronic	73.872	73.92
NZDJPY	31-08-18	09:32-11:30			73.609	31-08-18 09:54	604.2332582	Other	NA	Electronic	73.609	73.658
NZDJPY	31-08-18	11:32-13:30			73.499	31-08-18 13:01	604.2332582	Other	NA	Electronic	73.451	73.499
NZDJPY	31-08-18	13:32-15:30			73.509	31-08-18 13:34	604.2332582	Other	NA	Electronic	73.461	73.509
NZDJPY	31-08-18	15:32-17:30			73.364	31-08-18 15:42	604.2332582	Other	NA	Electronic	73.364	73.413

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	03-09-18	09:32-11:30			73.413	03-09-18 09:35	1208.466516	Other	NA	Electronic	73.366	73.413
NZDJPY	03-09-18	11:32-13:30			73.416	03-09-18 11:42	604.2332582	Other	NA	Electronic	73.416	73.464
NZDJPY	03-09-18	13:32-15:30			73.401	03-09-18 13:59	120846.6516	Other	NA	Electronic	73.357	73.401
NZDJPY	03-09-18	15:32-17:30			73.311	03-09-18 15:43	7855.032357	Other	NA	Electronic	73.311	73.36
NZDJPY	04-09-18	09:30-09:32	72.974	6042.332582								
NZDJPY	04-09-18	11:32-13:30			72.871	04-09-18 11:32	604.2332582	Other	NA	Electronic	72.871	72.919
NZDJPY	04-09-18	13:32-15:30			72.936	04-09-18 13:40	604.2332582	Other	NA	Electronic	72.887	72.936
NZDJPY	04-09-18	15:32-17:30			72.902	04-09-18 15:44	604.2332582	Other	NA	Electronic	72.902	72.951
NZDJPY	05-09-18	09:30-09:32	73.205	604.2332582								
NZDJPY	05-09-18	11:32-13:30			73.283	05-09-18 11:38	1208.466516	Other	NA	Electronic	73.237	73.283
NZDJPY	05-09-18	13:30-13:32	73.4915	4833.866066								
NZDJPY	05-09-18	15:32-17:30			73.314	05-09-18 15:45	1208.466516	Other	NA	Electronic	73.314	73.362
NZDJPY	06-09-18	09:32-11:30			73.394	06-09-18 10:03	604.2332582	Other	NA	Electronic	73.345	73.394
NZDJPY	06-09-18	11:32-13:30			73.423	06-09-18 12:00	6042.332582	Other	NA	Electronic	73.375	73.423
NZDJPY	06-09-18	13:30-13:32	73.244	1208.466516								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	06-09-18	15:32-17:30			73.097	06-09-18 15:56	1208.466516	Other	NA	Electronic	73.097	73.146
NZDJPY	07-09-18	09:32-11:30			72.84	07-09-18 09:41	604.2332582	Other	NA	Electronic	72.84	72.887
NZDJPY	07-09-18	11:32-13:30			73.015	07-09-18 12:20	604.2332582	Other	NA	Electronic	72.967	73.015
NZDJPY	07-09-18	13:32-15:30			72.823	07-09-18 13:40	4229.632807	Other	NA	Electronic	72.774	72.823
NZDJPY	07-09-18	15:32-17:30			72.746	07-09-18 16:06	2416.933033	Other	NA	Electronic	72.746	72.793
NZDJPY	10-09-18	09:30-09:32	72.691	4833.866066								
NZDJPY	10-09-18	11:32-13:30			72.58	10-09-18 11:38	604.2332582	Other	NA	Electronic	72.58	72.627
NZDJPY	10-09-18	13:32-15:30			72.758	10-09-18 13:42	604.2332582	Other	NA	Electronic	72.71	72.758
NZDJPY	10-09-18	15:32-17:30			72.574	10-09-18 15:58	604.2332582	Other	NA	Electronic	72.574	72.622
NZDJPY	11-09-18	09:32-11:30			72.621	11-09-18 09:32	604.2332582	Other	NA	Electronic	72.621	72.669
NZDJPY	11-09-18	11:32-13:30			72.494	11-09-18 11:34	604.2332582	Other	NA	Electronic	72.494	72.542
NZDJPY	11-09-18	13:30-13:32	72.494	604.2332582								
NZDJPY	11-09-18	15:30-15:32	72.59	604.2332582								
NZDJPY	12-09-18	09:32-11:30			72.666	12-09-18 10:14	604.2332582	Other	NA	Electronic	72.666	72.715
NZDJPY	12-09-18	11:32-13:30			72.649	12-09-18 11:50	6042.332582	Other	NA	Electronic	72.601	72.649

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	12-09-18	13:32-15:30			72.69	12-09-18 14:16	3021.166291	Other	NA	Electronic	72.643	72.69
NZDJPY	12-09-18	15:32-17:30			73.061	12-09-18 15:33	604.2332582	Other	NA	Electronic	73.061	73.109
NZDJPY	13-09-18	09:32-11:30			72.951	13-09-18 09:32	12084.66516	Other	NA	Electronic	72.951	73.001
NZDJPY	13-09-18	11:32-13:30			73.076	13-09-18 11:34	1208.466516	Other	NA	Electronic	73.076	73.125
NZDJPY	13-09-18	13:32-15:30			73.358	13-09-18 13:38	60423.32582	Other	NA	Electronic	73.358	73.407
NZDJPY	13-09-18	15:32-17:30			73.475	13-09-18 16:36	1208.466516	Other	NA	Electronic	73.475	73.524
NZDJPY	14-09-18	09:32-11:30			73.58	14-09-18 09:32	604.2332582	Other	NA	Electronic	73.58	73.63
NZDJPY	14-09-18	11:32-13:30			73.56	14-09-18 11:48	30211.66291	Other	NA	Electronic	73.513	73.56
NZDJPY	14-09-18	13:32-15:30			73.517	14-09-18 14:06	6042.332582	Other	NA	Electronic	73.517	73.564
NZDJPY	14-09-18	15:32-17:30			73.555	14-09-18 16:00	604.2332582	Other	NA	Electronic	73.466	73.555
NZDJPY	17-09-18	09:32-11:30			73.567	17-09-18 09:43	604.2332582	Other	NA	Electronic	73.52	73.567
NZDJPY	17-09-18	11:32-13:30			73.577	17-09-18 11:51	6042.332582	Other	NA	Electronic	73.577	73.624
NZDJPY	17-09-18	13:32-15:30			73.748	17-09-18 13:36	604.2332582	Other	NA	Electronic	73.748	73.794
NZDJPY	17-09-18	15:32-17:30			73.758	17-09-18 15:41	1208.466516	Other	NA	Electronic	73.709	73.758
NZDJPY	18-09-18	09:32-11:30			73.861	18-09-18 09:37	3021.166291	Other	NA	Electronic	73.812	73.861

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	18-09-18	11:32-13:30			73.908	18-09-18 12:18	604.2332582	Other	NA	Electronic	73.86	73.908
NZDJPY	18-09-18	13:32-15:30			73.967	18-09-18 13:37	604.2332582	Other	NA	Electronic	73.967	74.016
NZDJPY	18-09-18	15:32-17:30			73.903	18-09-18 16:41	3021.166291	Other	NA	Electronic	73.903	73.95
NZDJPY	19-09-18	09:32-11:30			74.233	19-09-18 09:57	1208.466516	Other	NA	Electronic	74.233	74.279
NZDJPY	19-09-18	11:30-11:32	74.161	604.2332582								
NZDJPY	19-09-18	13:32-15:30			74.052	19-09-18 14:15	1208.466516	Other	NA	Electronic	74.052	74.1
NZDJPY	19-09-18	15:32-17:30			74.296	19-09-18 15:34	604.2332582	Other	NA	Electronic	74.25	74.296
NZDJPY	20-09-18	09:32-11:30			74.757	20-09-18 10:09	60423.32582	Other	NA	Electronic	74.757	74.806
NZDJPY	20-09-18	11:32-13:30			74.858	20-09-18 11:38	1208.466516	Other	NA	Electronic	74.809	74.858
NZDJPY	20-09-18	13:32-15:30			74.9	20-09-18 13:32	120846.6516	Other	NA	Electronic	74.9	74.949
NZDJPY	20-09-18	15:32-17:30			75.118	20-09-18 15:36	1208.466516	Other	NA	Electronic	75.068	75.118
NZDJPY	21-09-18	09:32-11:30			75.525	21-09-18 09:35	6042.332582	Other	NA	Electronic	75.477	75.525
NZDJPY	21-09-18	11:32-13:30			75.33	21-09-18 11:36	30211.66291	Other	NA	Electronic	75.281	75.33
NZDJPY	21-09-18	13:32-15:30			75.197	21-09-18 13:40	3021.166291	Other	NA	Electronic	75.197	75.246
NZDJPY	21-09-18	15:32-17:30			75.246	21-09-18 15:35	1812.699775	Other	NA	Electronic	75.198	75.246



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	24-09-18	09:32-11:30			75.089	24-09-18 09:32	1208.466516	Other	NA	Electronic	75.089	75.138
NZDJPY	24-09-18	11:32-13:30			75.078	24-09-18 11:46	604.2332582	Other	NA	Electronic	75.078	75.126
NZDJPY	24-09-18	13:32-15:30			74.991	24-09-18 14:09	1208.466516	Other	NA	Electronic	74.991	75.04
NZDJPY	24-09-18	15:32-17:30			74.849	24-09-18 15:35	604.2332582	Other	NA	Electronic	74.849	74.896
NZDJPY	25-09-18	09:30-09:32	74.933	604.2332582								
NZDJPY	25-09-18	11:32-13:30			75.056	25-09-18 11:53	604.2332582	Other	NA	Electronic	75.009	75.056
NZDJPY	25-09-18	13:32-15:30			75.068	25-09-18 13:36	1208.466516	Other	NA	Electronic	75.068	75.116
NZDJPY	25-09-18	15:32-17:30			75.033	25-09-18 15:48	604.2332582	Other	NA	Electronic	75.033	75.08
NZDJPY	26-09-18	09:32-11:30			75.113	26-09-18 09:34	604.2332582	Other	NA	Electronic	75.113	75.161
NZDJPY	26-09-18	11:32-13:30			75.085	26-09-18 12:14	1208.466516	Other	NA	Electronic	75.037	75.085
NZDJPY	26-09-18	13:32-15:30			75.136	26-09-18 13:46	60423.32582	Other	NA	Electronic	75.087	75.136
NZDJPY	26-09-18	15:32-17:30			75.205	26-09-18 15:44	6042.332582	Other	NA	Electronic	75.159	75.205
NZDJPY	27-09-18	09:30-09:32	74.899	604.2332582								
NZDJPY	27-09-18	11:32-13:30			74.882	27-09-18 11:48	1812.699775	Other	NA	Electronic	74.882	74.93
NZDJPY	27-09-18	13:32-15:30			74.967	27-09-18 13:41	604.2332582	Other	NA	Electronic	74.967	75.015

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY	27-09-18	15:32-17:30			75.128	27-09-18 15:43	120846.6516	Other	NA	Electronic	75.079	75.128
NZDJPY	28-09-18	09:32-11:30			74.924	28-09-18 09:58	1812.699775	Other	NA	Electronic	74.924	74.972
NZDJPY	28-09-18	11:32-13:30			74.936	28-09-18 12:09	1812.699775	Other	NA	Electronic	74.936	74.984
NZDJPY	28-09-18	13:32-15:30			74.986	28-09-18 13:38	6042.332582	Other	NA	Electronic	74.986	75.035
NZDJPY	28-09-18	15:30-15:32	75.271	3021.166291								
NZDJPY.	02-07-18	09:32-11:30			74.725	02-07-18 10:08	6042.332582	Other	NA	Electronic	74.725	74.736
NZDJPY.	02-07-18	11:32-13:30			74.487	02-07-18 11:33	604.2332582	Other	NA	Electronic	74.487	74.498
NZDJPY.	02-07-18	13:32-15:30			74.351	02-07-18 13:38	30211.66291	Other	NA	Electronic	74.341	74.351
NZDJPY.	02-07-18	15:32-17:30			74.175	02-07-18 16:50	6042.332582	Other	NA	Electronic	74.175	74.186
NZDJPY.	03-07-18	09:32-11:30			74.728	03-07-18 09:38	604.2332582	Other	NA	Electronic	74.717	74.728
NZDJPY.	03-07-18	11:32-13:30			74.678	03-07-18 11:40	604.2332582	Other	NA	Electronic	74.678	74.689
NZDJPY.	03-07-18	13:30-13:32	74.568	60423.32582								
NZDJPY.	03-07-18	15:32-17:30			74.591	03-07-18 15:59	151058.3146	Other	NA	Electronic	74.582	74.591
NZDJPY.	04-07-18	09:32-11:30			74.722	04-07-18 10:05	3021.166291	Other	NA	Electronic	74.711	74.722
NZDJPY.	04-07-18	11:32-13:30			74.722	04-07-18 12:05	604.2332582	Other	NA	Electronic	74.722	74.734

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	04-07-18	13:32-15:30			74.676	04-07-18 13:49	604.2332582	Other	NA	Electronic	74.665	74.676
NZDJPY.	04-07-18	15:32-17:30			74.751	04-07-18 16:02	604.2332582	Other	NA	Electronic	74.74	74.751
NZDJPY.	05-07-18	09:30-09:32	75.046	60423.32582								
NZDJPY.	05-07-18	11:32-13:30			75.031	05-07-18 11:36	3021.166291	Other	NA	Electronic	75.031	75.043
NZDJPY.	05-07-18	13:30-13:32	75.016	3021.166291								
NZDJPY.	05-07-18	15:32-17:30			75.146	05-07-18 15:39	3021.166291	Other	NA	Electronic	75.135	75.146
NZDJPY.	06-07-18	09:32-11:30			75.437	06-07-18 09:46	6042.332582	Other	NA	Electronic	75.428	75.437
NZDJPY.	06-07-18	11:32-13:30			75.466	06-07-18 11:36	6042.332582	Other	NA	Electronic	75.466	75.477
NZDJPY.	06-07-18	13:32-15:30			75.479	06-07-18 14:41	604.2332582	Other	NA	Electronic	75.467	75.479
NZDJPY.	06-07-18	15:30-15:32	75.487	604.2332582								
NZDJPY.	09-07-18	09:30-09:32	75.599	1208.466516								
NZDJPY.	09-07-18	11:32-13:30			75.675	09-07-18 11:37	604.2332582	Other	NA	Electronic	75.675	75.686
NZDJPY.	09-07-18	13:32-15:30			75.745	09-07-18 13:35	1812.699775	Other	NA	Electronic	75.744	75.756
NZDJPY.	09-07-18	15:32-17:30			75.75	09-07-18 16:03	604.2332582	Other	NA	Electronic	75.739	75.75
NZDJPY.	10-07-18	09:32-11:30			75.878	10-07-18 10:29	151058.3146	Other	NA	Electronic	75.878	75.889

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	10-07-18	11:32-13:30			75.775	10-07-18 11:58	120846.6516	Other	NA	Electronic	75.764	75.775
NZDJPY.	10-07-18	13:32-15:30			75.885	10-07-18 13:44	151058.3146	Other	NA	Electronic	75.885	75.895
NZDJPY.	10-07-18	15:32-17:30			76.035	10-07-18 15:34	1208.466516	Other	NA	Electronic	76.024	76.035
NZDJPY.	11-07-18	09:32-11:30			75.55	11-07-18 09:50	604.2332582	Other	NA	Electronic	75.537	75.549
NZDJPY.	11-07-18	11:32-13:30			75.64	11-07-18 12:33	3021.166291	Other	NA	Electronic	75.63	75.64
NZDJPY.	11-07-18	13:32-15:30			75.644	11-07-18 14:18	604.2332582	Other	NA	Electronic	75.634	75.646
NZDJPY.	11-07-18	15:32-17:30			75.649	11-07-18 15:34	604.2332582	Other	NA	Electronic	75.649	75.66
NZDJPY.	12-07-18	09:32-11:30			76.12	12-07-18 10:39	6042.332582	Other	NA	Electronic	76.107	76.12
NZDJPY.	12-07-18	11:32-13:30			76.063	12-07-18 12:01	1812.699775	Other	NA	Electronic	76.063	76.075
NZDJPY.	12-07-18	13:32-15:30			76.166	12-07-18 13:32	9063.498873	Other	NA	Electronic	76.168	76.179
NZDJPY.	12-07-18	15:30-15:32	76.165	1812.699775								
NZDJPY.	13-07-18	09:32-11:30			75.85	13-07-18 09:51	36253.99549	Other	NA	Electronic	75.838	75.85
NZDJPY.	13-07-18	11:32-13:30			75.771	13-07-18 12:02	1208.466516	Other	NA	Electronic	75.76	75.771
NZDJPY.	13-07-18	13:32-15:30			75.888	13-07-18 14:19	4833.866066	Other	NA	Electronic	75.875	75.888
NZDJPY.	13-07-18	15:32-17:30			76.066	13-07-18 15:32	604.2332582	Other	NA	Electronic	76.052	76.065

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	16-07-18	09:32-11:30			76.232	16-07-18 09:56	604.2332582	Other	NA	Electronic	76.232	76.244
NZDJPY.	16-07-18	11:32-13:30			76.249	16-07-18 11:44	6042.332582	Other	NA	Electronic	76.249	76.259
NZDJPY.	16-07-18	13:32-15:30			76.178	16-07-18 14:26	12084.66516	Other	NA	Electronic	76.167	76.178
NZDJPY.	16-07-18	15:32-17:30			76	16-07-18 15:35	6042.332582	Other	NA	Electronic	76	76.009
NZDJPY.	17-07-18	09:32-11:30			76.758	17-07-18 09:37	15105.83146	Other	NA	Electronic	76.758	76.767
NZDJPY.	17-07-18	11:32-13:30			76.67	17-07-18 11:39	30211.66291	Other	NA	Electronic	76.66	76.67
NZDJPY.	17-07-18	13:32-15:30			76.532	17-07-18 13:55	1208.466516	Other	NA	Electronic	76.523	76.532
NZDJPY.	17-07-18	15:32-17:30			76.635	17-07-18 15:44	6042.332582	Other	NA	Electronic	76.624	76.635
NZDJPY.	18-07-18	09:32-11:30			76.379	18-07-18 09:42	604.2332582	Other	NA	Electronic	76.374	76.383
NZDJPY.	18-07-18	11:32-13:30			76.406	18-07-18 11:35	1208.466516	Other	NA	Electronic	76.406	76.417
NZDJPY.	18-07-18	13:32-15:30			76.497	18-07-18 13:46	1812.699775	Other	NA	Electronic	76.497	76.508
NZDJPY.	18-07-18	15:30-15:32	76.523	9063.498873								
NZDJPY.	19-07-18	09:32-11:30			76.106	19-07-18 09:59	12084.66516	Other	NA	Electronic	76.106	76.118
NZDJPY.	19-07-18	11:32-13:30			76.021	19-07-18 12:11	6042.332582	Other	NA	Electronic	76.021	76.032
NZDJPY.	19-07-18	13:32-15:30			76.046	19-07-18 13:33	6042.332582	Other	NA	Electronic	76.035	76.046

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	19-07-18	15:30-15:32	75.835	1208.466516								
NZDJPY.	20-07-18	09:32-11:30			76.052	20-07-18 09:56	1812.699775	Other	NA	Electronic	76.052	76.063
NZDJPY.	20-07-18	11:32-13:30			75.996	20-07-18 11:35	6042.332582	Other	NA	Electronic	75.996	76.007
NZDJPY.	20-07-18	13:32-15:30			75.94	20-07-18 14:00	604.2332582	Other	NA	Electronic	75.932	75.941
NZDJPY.	20-07-18	15:32-17:30			76.026	20-07-18 15:46	6646.56584	Other	NA	Electronic	76.016	76.026
NZDJPY.	23-07-18	09:32-11:30			75.691	23-07-18 09:56	1208.466516	Other	NA	Electronic	75.68	75.691
NZDJPY.	23-07-18	11:32-13:30			75.604	23-07-18 13:01	604.2332582	Other	NA	Electronic	75.593	75.604
NZDJPY.	23-07-18	13:32-15:30			75.512	23-07-18 14:00	9063.498873	Other	NA	Electronic	75.512	75.551
NZDJPY.	23-07-18	15:32-17:30			75.499	23-07-18 15:40	6042.332582	Other	NA	Electronic	75.499	75.51
NZDJPY.	24-07-18	09:32-11:30			75.549	24-07-18 10:20	604.2332582	Other	NA	Electronic	75.547	75.558
NZDJPY.	24-07-18	11:32-13:30			75.646	24-07-18 12:00	1208.466516	Other	NA	Electronic	75.637	75.646
NZDJPY.	24-07-18	13:32-15:30			75.629	24-07-18 15:00	9667.732131	Other	NA	Electronic	75.629	75.639
NZDJPY.	24-07-18	15:32-17:30			75.703	24-07-18 16:17	1208.466516	Other	NA	Electronic	75.703	75.715
NZDJPY.	25-07-18	09:32-11:30			75.732	25-07-18 09:34	36253.99549	Other	NA	Electronic	75.72	75.732
NZDJPY.	25-07-18	11:30-11:32	75.626	1812.699775								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	25-07-18	13:32-15:30			75.575	25-07-18 14:45	604.2332582	Other	NA	Electronic	75.562	75.574
NZDJPY.	25-07-18	15:32-17:30			75.525	25-07-18 16:10	604.2332582	Other	NA	Electronic	75.525	75.536
NZDJPY.	26-07-18	09:32-11:30			75.616	26-07-18 09:40	604.2332582	Other	NA	Electronic	75.616	75.626
NZDJPY.	26-07-18	11:30-11:32	75.56	604.2332582								
NZDJPY.	26-07-18	13:32-15:30			75.56	26-07-18 13:47	3021.166291	Other	NA	Electronic	75.56	75.57
NZDJPY.	26-07-18	15:32-17:30			75.495	26-07-18 16:36	15105.83146	Other	NA	Electronic	75.485	75.495
NZDJPY.	27-07-18	09:32-11:30			75.215	27-07-18 09:47	3021.166291	Other	NA	Electronic	75.204	75.215
NZDJPY.	27-07-18	11:32-13:30			75.272	27-07-18 12:17	1812.699775	Other	NA	Electronic	75.262	75.272
NZDJPY.	27-07-18	13:32-15:30			75.368	27-07-18 13:52	30211.66291	Other	NA	Electronic	75.357	75.368
NZDJPY.	27-07-18	15:32-17:30			75.41	27-07-18 15:52	15105.83146	Other	NA	Electronic	75.41	75.421
NZDJPY.	30-07-18	09:32-11:30			75.599	30-07-18 10:09	604.2332582	Other	NA	Electronic	75.599	75.611
NZDJPY.	30-07-18	11:32-13:30			75.638	30-07-18 12:50	604.2332582	Other	NA	Electronic	75.638	75.649
NZDJPY.	30-07-18	13:32-15:30			75.701	30-07-18 13:56	604.2332582	Other	NA	Electronic	75.701	75.713
NZDJPY.	30-07-18	15:32-17:30			75.815	30-07-18 15:44	3021.166291	Other	NA	Electronic	75.804	75.815
NZDJPY.	31-07-18	09:32-11:30			76.001	31-07-18 09:40	60423.32582	Other	NA	Electronic	76.001	76.012

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	31-07-18	11:32-13:30			76.005	31-07-18 11:53	3021.166291	Other	NA	Electronic	75.994	76.005
NZDJPY.	31-07-18	13:32-15:30			76.208	31-07-18 13:48	3021.166291	Other	NA	Electronic	76.208	76.22
NZDJPY.	31-07-18	15:32-17:30			76.206	31-07-18 16:13	21148.16404	Other	NA	Electronic	76.206	76.217
NZDJPY.	01-08-18	09:32-11:30			76.096	01-08-18 09:36	3021.166291	Other	NA	Electronic	76.096	76.107
NZDJPY.	01-08-18	11:30-11:32	76.121	6042.332582								
NZDJPY.	01-08-18	13:32-15:30			76	01-08-18 15:20	604.2332582	Other	NA	Electronic	75.991	76
NZDJPY.	01-08-18	15:32-17:30			75.934	01-08-18 15:41	1812.699775	Other	NA	Electronic	75.924	75.934
NZDJPY.	02-08-18	09:32-11:30			75.381	02-08-18 09:34	3021.166291	Other	NA	Electronic	75.369	75.379
NZDJPY.	02-08-18	11:32-13:30			75.323	02-08-18 11:48	6042.332582	Other	NA	Electronic	75.312	75.323
NZDJPY.	02-08-18	15:32-17:30			75.271	02-08-18 15:38	1208.466516	Other	NA	Electronic	75.271	75.281
NZDJPY.	03-08-18	09:30-09:32	75.232	30211.66291								
NZDJPY.	03-08-18	11:32-13:30			75.422	03-08-18 11:41	604.2332582	Other	NA	Electronic	75.422	75.433
NZDJPY.	03-08-18	13:32-15:30			75.035	03-08-18 13:34	6646.56584	Other	NA	Electronic	75.025	75.035
NZDJPY.	03-08-18	15:32-17:30			75.08	03-08-18 15:48	4833.866066	Other	NA	Electronic	75.08	75.089
NZDJPY.	06-08-18	09:32-11:30			75.049	06-08-18 10:06	4833.866066	Other	NA	Electronic	75.038	75.049



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	06-08-18	11:32-13:30			75.003	06-08-18 11:43	1812.699775	Other	NA	Electronic	74.992	75.003
NZDJPY.	06-08-18	13:32-15:30			74.976	06-08-18 13:39	604.2332582	Other	NA	Electronic	74.997	75.009
NZDJPY.	07-08-18	09:32-11:30			75.086	07-08-18 10:50	4833.866066	Other	NA	Electronic	75.075	75.086
NZDJPY.	07-08-18	11:32-13:30			74.994	07-08-18 12:10	604.2332582	Other	NA	Electronic	74.994	75.005
NZDJPY.	07-08-18	13:32-15:30			74.909	07-08-18 14:58	3021.166291	Other	NA	Electronic	74.9	74.909
NZDJPY.	07-08-18	15:32-17:30			74.92	07-08-18 15:39	3021.166291	Other	NA	Electronic	74.92	74.931
NZDJPY.	08-08-18	09:32-11:30			74.793	08-08-18 09:53	1812.699775	Other	NA	Electronic	74.783	74.793
NZDJPY.	08-08-18	11:32-13:30			74.761	08-08-18 12:46	1208.466516	Other	NA	Electronic	74.761	74.772
NZDJPY.	08-08-18	13:32-15:30			74.7	08-08-18 14:10	1208.466516	Other	NA	Electronic	74.7	74.712
NZDJPY.	09-08-18	09:32-11:30			73.942	09-08-18 10:33	1208.466516	Other	NA	Electronic	73.931	73.942
NZDJPY.	09-08-18	11:32-13:30			73.85	09-08-18 12:48	3021.166291	Other	NA	Electronic	73.838	73.85
NZDJPY.	09-08-18	13:30-13:32	73.7	3021.166291								
NZDJPY.	09-08-18	15:32-17:30			73.492	09-08-18 15:37	2416.933033	Other	NA	Electronic	73.481	73.492
NZDJPY.	10-08-18	09:32-11:30			73.149	10-08-18 10:08	3021.166291	Other	NA	Electronic	73.148	73.16
NZDJPY.	10-08-18	11:32-13:30			73.286	10-08-18 12:58	3021.166291	Other	NA	Electronic	73.274	73.286

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	10-08-18	15:32-17:30			73.131	10-08-18 15:37	1208.466516	Other	NA	Electronic	73.131	73.143
NZDJPY.	13-08-18	09:32-11:30			72.578	13-08-18 09:54	1208.466516	Other	NA	Electronic	72.578	72.59
NZDJPY.	13-08-18	11:32-13:30			72.535	13-08-18 11:33	3021.166291	Other	NA	Electronic	72.524	72.535
NZDJPY.	13-08-18	13:32-15:30			73.065	13-08-18 14:20	604.2332582	Other	NA	Electronic	73.052	73.065
NZDJPY.	13-08-18	15:32-17:30			72.873	13-08-18 15:36	1208.466516	Other	NA	Electronic	72.873	72.884
NZDJPY.	14-08-18	09:32-11:30			73.221	14-08-18 09:49	1812.699775	Other	NA	Electronic	73.21	73.221
NZDJPY.	14-08-18	11:32-13:30			73.233	14-08-18 12:53	604.2332582	Other	NA	Electronic	73.233	73.245
NZDJPY.	14-08-18	13:32-15:30			73.121	14-08-18 13:50	604.2332582	Other	NA	Electronic	73.11	73.121
NZDJPY.	14-08-18	15:32-17:30			73.062	14-08-18 15:37	1208.466516	Other	NA	Electronic	73.062	73.074
NZDJPY.	15-08-18	09:32-11:30			72.882	15-08-18 09:32	604.2332582	Other	NA	Electronic	72.882	72.893
NZDJPY.	15-08-18	13:32-15:30			72.689	15-08-18 13:44	604.2332582	Other	NA	Electronic	72.677	72.689
NZDJPY.	15-08-18	15:32-17:30			72.663	15-08-18 16:51	1812.699775	Other	NA	Electronic	72.663	72.675
NZDJPY.	16-08-18	09:32-11:30			73.029	16-08-18 10:13	604.2332582	Other	NA	Electronic	73.029	73.041
NZDJPY.	16-08-18	11:32-13:30			72.991	16-08-18 11:50	604.2332582	Other	NA	Electronic	72.98	72.991
NZDJPY.	16-08-18	13:32-15:30			73.102	16-08-18 13:52	4833.866066	Other	NA	Electronic	73.09	73.102

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	16-08-18	15:32-17:30			73.22	16-08-18 16:33	604.2332582	Other	NA	Electronic	73.211	73.22
NZDJPY.	17-08-18	09:32-11:30			72.963	17-08-18 09:49	6042.332582	Other	NA	Electronic	72.951	72.963
NZDJPY.	17-08-18	13:32-15:30			73.032	17-08-18 13:56	1208.466516	Other	NA	Electronic	73.032	73.044
NZDJPY.	17-08-18	15:32-17:30			73.05	17-08-18 16:13	1208.466516	Other	NA	Electronic	73.037	73.05
NZDJPY.	20-08-18	09:32-11:30			73.187	20-08-18 10:36	15105.83146	Other	NA	Electronic	73.176	73.187
NZDJPY.	20-08-18	11:32-13:30			73.17	20-08-18 11:53	3021.166291	Other	NA	Electronic	73.159	73.17
NZDJPY.	20-08-18	13:32-15:30			73.135	20-08-18 13:48	6042.332582	Other	NA	Electronic	73.124	73.135
NZDJPY.	20-08-18	15:32-17:30			73.15	20-08-18 16:39	604.2332582	Other	NA	Electronic	73.139	73.15
NZDJPY.	21-08-18	09:32-11:30			73.476	21-08-18 09:42	3021.166291	Other	NA	Electronic	73.476	73.486
NZDJPY.	21-08-18	11:32-13:30			73.463	21-08-18 11:40	1208.466516	Other	NA	Electronic	73.463	73.475
NZDJPY.	21-08-18	13:32-15:30			73.626	21-08-18 13:34	1208.466516	Other	NA	Electronic	73.614	73.626
NZDJPY.	21-08-18	15:32-17:30			73.735	21-08-18 15:49	604.2332582	Other	NA	Electronic	73.735	73.747
NZDJPY.	22-08-18	09:32-11:30			73.907	22-08-18 10:40	604.2332582	Other	NA	Electronic	73.896	73.908
NZDJPY.	22-08-18	11:32-13:30			73.956	22-08-18 11:32	604.2332582	Other	NA	Electronic	73.946	73.956
NZDJPY.	22-08-18	13:32-15:30			73.956	22-08-18 14:13	1208.466516	Other	NA	Electronic	73.944	73.956

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	22-08-18	15:32-17:30			74.026	22-08-18 15:32	604.2332582	Other	NA	Electronic	74.014	74.026
NZDJPY.	23-08-18	09:30-09:32	73.949	604.2332582								
NZDJPY.	23-08-18	11:32-13:30			73.92	23-08-18 12:52	604.2332582	Other	NA	Electronic	73.92	73.932
NZDJPY.	23-08-18	13:32-15:30			73.981	23-08-18 15:19	604.2332582	Other	NA	Electronic	73.97	73.981
NZDJPY.	23-08-18	15:32-17:30			73.946	23-08-18 16:02	604.2332582	Other	NA	Electronic	73.934	73.946
NZDJPY.	24-08-18	09:32-11:30			74.046	24-08-18 09:48	1812.699775	Other	NA	Electronic	74.046	74.057
NZDJPY.	24-08-18	11:32-13:30			74.242	24-08-18 11:46	4229.632807	Other	NA	Electronic	74.242	74.254
NZDJPY.	24-08-18	13:32-15:30			74.301	24-08-18 14:01	1812.699775	Other	NA	Electronic	74.285	74.301
NZDJPY.	24-08-18	15:32-17:30			74.434	24-08-18 16:01	1208.466516	Other	NA	Electronic	74.422	74.434
NZDJPY.	27-08-18	09:32-11:30			74.145	27-08-18 10:02	3021.166291	Other	NA	Electronic	74.145	74.156
NZDJPY.	27-08-18	11:32-13:30			74.163	27-08-18 12:11	604.2332582	Other	NA	Electronic	74.152	74.163
NZDJPY.	27-08-18	13:32-15:30			74.251	27-08-18 14:03	604.2332582	Other	NA	Electronic	74.251	74.26
NZDJPY.	27-08-18	15:30-15:32	74.3485	1208.466516								
NZDJPY.	28-08-18	09:32-11:30			74.505	28-08-18 09:35	2416.933033	Other	NA	Electronic	74.494	74.505
NZDJPY.	28-08-18	11:32-13:30			74.548	28-08-18 11:49	8459.265615	Other	NA	Electronic	74.548	74.56

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	28-08-18	13:32-15:30			74.56	28-08-18 13:49	1812.699775	Other	NA	Electronic	74.549	74.56
NZDJPY.	28-08-18	15:32-17:30			74.608	28-08-18 16:07	1208.466516	Other	NA	Electronic	74.608	74.62
NZDJPY.	29-08-18	09:32-11:30			74.609	29-08-18 10:31	604.2332582	Other	NA	Electronic	74.609	74.621
NZDJPY.	29-08-18	11:30-11:32	74.539	18126.99775								
NZDJPY.	29-08-18	13:32-15:30			74.518	29-08-18 13:55	1208.466516	Other	NA	Electronic	74.507	74.518
NZDJPY.	29-08-18	15:32-17:30			74.96	29-08-18 16:22	3021.166291	Other	NA	Electronic	74.96	74.972
NZDJPY.	30-08-18	09:32-11:30			74.389	30-08-18 10:40	1208.466516	Other	NA	Electronic	74.377	74.389
NZDJPY.	30-08-18	11:32-13:30			74.171	30-08-18 12:49	9063.498873	Other	NA	Electronic	74.171	74.182
NZDJPY.	30-08-18	13:32-15:30			74.076	30-08-18 13:33	4229.632807	Other	NA	Electronic	74.064	74.076
NZDJPY.	30-08-18	15:32-17:30			73.78	30-08-18 16:15	1208.466516	Other	NA	Electronic	73.766	73.777
NZDJPY.	31-08-18	09:32-11:30			73.497	31-08-18 10:39	5438.099324	Other	NA	Electronic	73.497	73.509
NZDJPY.	31-08-18	11:32-13:30			73.497	31-08-18 11:35	604.2332582	Other	NA	Electronic	73.497	73.508
NZDJPY.	31-08-18	13:32-15:30			73.495	31-08-18 13:34	1208.466516	Other	NA	Electronic	73.48	73.491
NZDJPY.	31-08-18	15:32-17:30			73.394	31-08-18 15:36	3021.166291	Other	NA	Electronic	73.382	73.394
NZDJPY.	03-09-18	15:32-17:30			73.339	03-09-18 16:31	60423.32582	Other	NA	Electronic	73.339	73.352

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NZDJPY.	04-09-18	09:32-11:30			72.909	04-09-18 09:58	604.2332582	Other	NA	Electronic	72.898	72.909
NZDJPY.	04-09-18	13:32-15:30			73.019	04-09-18 14:21	604.2332582	Other	NA	Electronic	73.007	73.019
NZDJPY.	04-09-18	15:32-17:30			72.957	04-09-18 16:27	1208.466516	Other	NA	Electronic	72.957	72.969
NZDJPY.	05-09-18	09:32-11:30			73.218	05-09-18 10:48	9063.498873	Other	NA	Electronic	73.206	73.218
NZDJPY.	05-09-18	11:32-13:30			73.226	05-09-18 12:50	9063.498873	Other	NA	Electronic	73.226	73.236
NZDJPY.	05-09-18	13:32-15:30			73.463	05-09-18 13:33	3021.166291	Other	NA	Electronic	73.452	73.463
NZDJPY.	05-09-18	15:32-17:30			73.485	05-09-18 16:36	604.2332582	Other	NA	Electronic	73.474	73.485
NZDJPY.	06-09-18	09:32-11:30			73.346	06-09-18 09:59	17522.76449	Other	NA	Electronic	73.334	73.346
NZDJPY.	06-09-18	11:32-13:30			73.281	06-09-18 13:19	6042.332582	Other	NA	Electronic	73.281	73.293
NZDJPY.	06-09-18	13:32-15:30			73.298	06-09-18 13:39	17522.76449	Other	NA	Electronic	73.287	73.298
NZDJPY.	06-09-18	15:32-17:30			73.106	06-09-18 16:08	1812.699775	Other	NA	Electronic	73.106	73.117
NZDJPY.	07-09-18	09:32-11:30			72.831	07-09-18 09:47	12084.66516	Other	NA	Electronic	72.831	72.842
NZDJPY.	07-09-18	11:32-13:30			73.091	07-09-18 12:29	604.2332582	Other	NA	Electronic	72.955	73.091
NZDJPY.	07-09-18	13:32-15:30			72.841	07-09-18 15:03	1812.699775	Other	NA	Electronic	72.841	72.853
NZDJPY.	07-09-18	15:32-17:30			72.808	07-09-18 15:59	1208.466516	Other	NA	Electronic	72.797	72.808

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NZDJPY.	10-09-18	09:32-11:30			72.638	10-09-18 11:00	6646.56584	Other	NA	Electronic	72.628	72.638
NZDJPY.	10-09-18	11:32-13:30			72.587	10-09-18 12:19	12688.89842	Other	NA	Electronic	72.587	72.599
NZDJPY.	10-09-18	13:32-15:30			72.748	10-09-18 13:52	3021.166291	Other	NA	Electronic	72.733	72.748
NZDJPY.	10-09-18	15:32-17:30			72.604	10-09-18 15:58	604.2332582	Other	NA	Electronic	72.593	72.604
NZDJPY.	11-09-18	09:32-11:30			72.628	11-09-18 09:51	1208.466516	Other	NA	Electronic	72.628	72.64
NZDJPY.	11-09-18	11:32-13:30			72.469	11-09-18 13:06	1812.699775	Other	NA	Electronic	72.469	72.481
NZDJPY.	11-09-18	13:32-15:30			72.485	11-09-18 13:38	6042.332582	Other	NA	Electronic	72.474	72.485
NZDJPY.	11-09-18	15:32-17:30			72.668	11-09-18 16:09	1208.466516	Other	NA	Electronic	72.656	72.668
NZDJPY.	12-09-18	09:32-11:30			72.732	12-09-18 09:41	30211.66291	Other	NA	Electronic	72.722	72.732
NZDJPY.	12-09-18	13:30-13:32	72.575	1208.466516								
NZDJPY.	12-09-18	15:32-17:30			72.971	12-09-18 16:59	604.2332582	Other	NA	Electronic	72.962	72.971
NZDJPY.	13-09-18	11:32-13:30			73.11	13-09-18 11:55	1208.466516	Other	NA	Electronic	73.099	73.11
NZDJPY.	13-09-18	13:32-15:30			73.471	13-09-18 14:00	604.2332582	Other	NA	Electronic	73.462	73.471
NZDJPY.	13-09-18	15:32-17:30			73.494	13-09-18 16:29	1208.466516	Other	NA	Electronic	73.494	73.503
NZDJPY.	14-09-18	09:30-09:32	73.585	3021.166291								

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NZDJPY.	14-09-18	11:32-13:30			73.613	14-09-18 11:35	6042.332582	Other	NA	Electronic	73.604	73.613
NZDJPY.	14-09-18	13:32-15:30			73.543	14-09-18 13:51	1208.466516	Other	NA	Electronic	73.543	73.552
NZDJPY.	14-09-18	15:32-17:30			73.4	14-09-18 16:41	30815.89617	Other	NA	Electronic	73.4	73.409
NZDJPY.	17-09-18	09:32-11:30			73.55	17-09-18 09:49	3021.166291	Other	NA	Electronic	73.541	73.55
NZDJPY.	17-09-18	11:32-13:30			73.585	17-09-18 11:45	33232.8292	Other	NA	Electronic	73.585	73.594
NZDJPY.	17-09-18	13:32-15:30			73.687	17-09-18 14:04	3021.166291	Other	NA	Electronic	73.687	73.696
NZDJPY.	18-09-18	09:32-11:30			73.837	18-09-18 09:44	604.2332582	Other	NA	Electronic	73.828	73.837
NZDJPY.	18-09-18	13:32-15:30			74.018	18-09-18 13:35	7855.032357	Other	NA	Electronic	74.009	74.018
NZDJPY.	18-09-18	15:32-17:30			74.033	18-09-18 16:05	7855.032357	Other	NA	Electronic	74.033	74.042
NZDJPY.	19-09-18	09:32-11:30			74.326	19-09-18 10:31	1812.699775	Other	NA	Electronic	74.317	74.326
NZDJPY.	19-09-18	11:32-13:30			74.045	19-09-18 12:12	1812.699775	Other	NA	Electronic	74.045	74.054
NZDJPY.	19-09-18	13:32-15:30			74.343	19-09-18 15:05	1812.699775	Other	NA	Electronic	74.334	74.343
NZDJPY.	19-09-18	15:32-17:30			74.261	19-09-18 17:16	604.2332582	Other	NA	Electronic	74.261	74.27
NZDJPY.	20-09-18	09:32-11:30			74.77	20-09-18 09:32	2416.933033	Other	NA	Electronic	74.77	74.779
NZDJPY.	20-09-18	11:32-13:30			74.812	20-09-18 12:03	604.2332582	Other	NA	Electronic	74.812	74.821



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NZDJPY.	20-09-18	13:32-15:30			74.951	20-09-18 14:45	1812.699775	Other	NA	Electronic	74.942	74.951
NZDJPY.	20-09-18	15:32-17:30			75.101	20-09-18 15:35	12084.66516	Other	NA	Electronic	75.092	75.101
NZDJPY.	21-09-18	09:32-11:30			75.323	21-09-18 11:26	8459.265615	Other	NA	Electronic	75.323	75.332
NZDJPY.	21-09-18	11:32-13:30			75.307	21-09-18 11:36	12084.66516	Other	NA	Electronic	75.307	75.316
NZDJPY.	21-09-18	13:32-15:30			75.198	21-09-18 14:23	3021.166291	Other	NA	Electronic	75.189	75.198
NZDJPY.	24-09-18	11:32-13:30			75.097	24-09-18 11:48	604.2332582	Other	NA	Electronic	75.088	75.097
NZDJPY.	24-09-18	13:32-15:30			75.029	24-09-18 13:34	12084.66516	Other	NA	Electronic	75.02	75.029
NZDJPY.	24-09-18	15:32-17:30			74.815	24-09-18 15:37	3021.166291	Other	NA	Electronic	74.815	74.856
NZDJPY.	25-09-18	11:32-13:30			75.068	25-09-18 12:53	2416.933033	Other	NA	Electronic	75.068	75.077
NZDJPY.	25-09-18	13:32-15:30			75.123	25-09-18 13:32	604.2332582	Other	NA	Electronic	75.113	75.122
NZDJPY.	25-09-18	15:32-17:30			75.059	25-09-18 17:24	604.2332582	Other	NA	Electronic	75.059	75.068
NZDJPY.	26-09-18	09:32-11:30			75.133	26-09-18 09:34	1812.699775	Other	NA	Electronic	75.133	75.142
NZDJPY.	26-09-18	11:32-13:30			75.067	26-09-18 13:27	604.2332582	Other	NA	Electronic	75.067	75.076
NZDJPY.	27-09-18	09:32-11:30			74.89	27-09-18 09:32	604.2332582	Other	NA	Electronic	74.89	74.899
NZDJPY.	27-09-18	11:32-13:30			74.906	27-09-18 12:12	604.2332582	Other	NA	Electronic	74.906	74.915

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPY.	27-09-18	13:32-15:30			75.012	27-09-18 13:40	604.2332582	Other	NA	Electronic	75.003	75.012
NZDJPY.	27-09-18	15:32-17:30			75.166	27-09-18 16:16	604.2332582	Other	NA	Electronic	75.157	75.166
NZDJPY.	28-09-18	09:32-11:30			74.965	28-09-18 09:43	1208.466516	Other	NA	Electronic	74.965	74.974
NZDJPY.	28-09-18	11:30-11:32	75.005	604.2332582								
NZDJPY.	28-09-18	13:32-15:30			75.174	28-09-18 14:34	1208.466516	Other	NA	Electronic	75.165	75.174
NZDJPY.	28-09-18	15:32-17:30			75.293	28-09-18 16:39	2416.933033	Other	NA	Electronic	75.293	75.302
NZDJPYmicro	02-07-18	09:32-11:30			74.772	02-07-18 09:32	18126.99775	Other	NA	Electronic	74.722	74.772
NZDJPYmicro	02-07-18	11:30-11:32	74.5005	1522.667811								
NZDJPYmicro	02-07-18	13:30-13:32	74.356	1824.78444								
NZDJPYmicro	02-07-18	15:32-17:30			74.156	02-07-18 15:37	302.1166291	Other	NA	Electronic	74.156	74.207
NZDJPYmicro	03-07-18	09:32-11:30			74.702	03-07-18 09:36	60.42332582	Other	NA	Electronic	74.702	74.752
NZDJPYmicro	03-07-18	11:32-13:30			74.673	03-07-18 11:34	12.08466516	Other	NA	Electronic	74.624	74.673
NZDJPYmicro	03-07-18	13:32-15:30			74.604	03-07-18 13:32	604.2332582	Other	NA	Electronic	74.554	74.604
NZDJPYmicro	03-07-18	15:30-15:32	74.677	120.8466516								
NZDJPYmicro	04-07-18	09:32-11:30			74.778	04-07-18 09:41	1208.466516	Other	NA	Electronic	74.731	74.778

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	04-07-18	11:32-13:30			74.675	04-07-18 11:35	489.4289391	Other	NA	Electronic	74.678	74.726
NZDJPYmicro	04-07-18	13:32-15:30			74.675	04-07-18 13:34	1232.635847	Other	NA	Electronic	74.675	74.727
NZDJPYmicro	04-07-18	15:32-17:30			74.716	04-07-18 16:00	3021.166291	Other	NA	Electronic	74.716	74.766
NZDJPYmicro	05-07-18	09:32-11:30			75.066	05-07-18 09:36	72.50799098	Other	NA	Electronic	75.066	75.118
NZDJPYmicro	05-07-18	11:32-13:30			75.059	05-07-18 11:56	6042.332582	Other	NA	Electronic	75.059	75.109
NZDJPYmicro	05-07-18	13:32-15:30			75.076	05-07-18 13:44	6042.332582	Other	NA	Electronic	75.076	75.126
NZDJPYmicro	05-07-18	15:32-17:30			75.166	05-07-18 15:38	422.9632807	Other	NA	Electronic	75.116	75.166
NZDJPYmicro	06-07-18	09:30-09:32	75.454	60.42332582								
NZDJPYmicro	06-07-18	11:32-13:30			75.447	06-07-18 11:36	12084.66516	Other	NA	Electronic	75.447	75.497
NZDJPYmicro	06-07-18	13:32-15:30			75.412	06-07-18 13:45	30211.66291	Other	NA	Electronic	75.412	75.462
NZDJPYmicro	06-07-18	15:30-15:32	75.482	966.7732131								
NZDJPYmicro	09-07-18	09:32-11:30			75.591	09-07-18 09:35	6.042332582	Other	NA	Electronic	75.591	75.64
NZDJPYmicro	09-07-18	11:32-13:30			75.706	09-07-18 11:37	60.42332582	Other	NA	Electronic	75.656	75.706
NZDJPYmicro	09-07-18	13:32-15:30			75.712	09-07-18 13:32	30.21166291	Other	NA	Electronic	75.712	75.762
NZDJPYmicro	09-07-18	15:32-17:30			75.757	09-07-18 15:42	6.042332582	Other	NA	Electronic	75.757	75.805

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	10-07-18	09:30-09:32	75.79	296.0742965								
NZDJPYmicro	10-07-18	11:32-13:30			75.754	10-07-18 11:36	302.1166291	Other	NA	Electronic	75.754	75.803
NZDJPYmicro	10-07-18	13:32-15:30			75.839	10-07-18 13:32	1341.397833	Other	NA	Electronic	75.839	75.888
NZDJPYmicro	10-07-18	15:30-15:32	76.025	900.3075547								
NZDJPYmicro	11-07-18	09:30-09:32	75.573	785.5032357								
NZDJPYmicro	11-07-18	11:32-13:30			75.5	11-07-18 11:43	767.3762379	Other	NA	Electronic	75.5	75.55
NZDJPYmicro	11-07-18	13:30-13:32	75.53387	906.3498873								
NZDJPYmicro	11-07-18	15:30-15:32	75.694	604.2332582								
NZDJPYmicro	12-07-18	09:32-11:30			76.017	12-07-18 09:32	1214.508849	Other	NA	Electronic	76.017	76.069
NZDJPYmicro	12-07-18	11:32-13:30			75.987	12-07-18 11:37	60.42332582	Other	NA	Electronic	75.987	76.038
NZDJPYmicro	12-07-18	13:32-15:30			76.132	12-07-18 13:36	1208.466516	Other	NA	Electronic	76.134	76.183
NZDJPYmicro	12-07-18	15:32-17:30			76.2	12-07-18 15:36	676.7412492	Other	NA	Electronic	76.148	76.2
NZDJPYmicro	13-07-18	09:30-09:32	75.872	4833.866066								
NZDJPYmicro	13-07-18	11:32-13:30			75.789	13-07-18 11:39	60.42332582	Other	NA	Electronic	75.738	75.789
NZDJPYmicro	13-07-18	13:30-13:32	75.861	151.0583146								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	13-07-18	15:32-17:30			76.051	13-07-18 15:35	453.1749437	Other	NA	Electronic	76.001	76.051
NZDJPYmicro	16-07-18	09:32-11:30			76.204	16-07-18 09:54	229.6086381	Other	NA	Electronic	76.204	76.255
NZDJPYmicro	16-07-18	11:30-11:32	76.262	120.8466516								
NZDJPYmicro	16-07-18	13:32-15:30			76.229	16-07-18 13:39	120.8466516	Other	NA	Electronic	76.229	76.278
NZDJPYmicro	16-07-18	15:32-17:30			76.064	16-07-18 15:32	1812.699775	Other	NA	Electronic	76.014	76.064
NZDJPYmicro	17-07-18	09:32-11:30			76.737	17-07-18 09:37	181.2699775	Other	NA	Electronic	76.737	76.788
NZDJPYmicro	17-07-18	11:30-11:32	76.673	1691.853123								
NZDJPYmicro	17-07-18	13:32-15:30			76.628	17-07-18 13:33	4531.749437	Other	NA	Electronic	76.578	76.628
NZDJPYmicro	17-07-18	15:32-17:30			76.623	17-07-18 15:35	604.2332582	Other	NA	Electronic	76.623	76.673
NZDJPYmicro	18-07-18	09:30-09:32	76.424	151.0583146								
NZDJPYmicro	18-07-18	11:32-13:30			76.438	18-07-18 11:36	604.2332582	Other	NA	Electronic	76.388	76.438
NZDJPYmicro	18-07-18	13:30-13:32	76.427	616.3179234								
NZDJPYmicro	18-07-18	15:30-15:32	76.52767	803.6302334								
NZDJPYmicro	19-07-18	09:30-09:32	76.08933	2972.82763								
NZDJPYmicro	19-07-18	11:32-13:30			76.037	19-07-18 11:35	6042.332582	Other	NA	Electronic	76.037	76.088

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	19-07-18	13:30-13:32	76.008	302.1166291								
NZDJPYmicro	19-07-18	15:30-15:32	75.81475	622.360256								
NZDJPYmicro	20-07-18	09:32-11:30			76.027	20-07-18 09:53	1208.466516	Other	NA	Electronic	76.027	76.076
NZDJPYmicro	20-07-18	11:32-13:30			75.939	20-07-18 11:59	1208.466516	Other	NA	Electronic	75.939	75.989
NZDJPYmicro	20-07-18	13:32-15:30			76.052	20-07-18 13:32	1824.78444	Other	NA	Electronic	76.002	76.05
NZDJPYmicro	20-07-18	15:30-15:32	76.024	2416.933033								
NZDJPYmicro	23-07-18	09:32-11:30			75.68	23-07-18 09:42	12084.66516	Other	NA	Electronic	75.631	75.68
NZDJPYmicro	23-07-18	11:32-13:30			75.658	23-07-18 12:01	138.9736494	Other	NA	Electronic	75.658	75.708
NZDJPYmicro	23-07-18	13:30-13:32	75.588	1208.466516								
NZDJPYmicro	23-07-18	15:32-17:30			75.549	23-07-18 15:35	362.5399549	Other	NA	Electronic	75.498	75.549
NZDJPYmicro	24-07-18	09:32-11:30			75.477	24-07-18 09:34	604.2332582	Other	NA	Electronic	75.477	75.527
NZDJPYmicro	24-07-18	11:32-13:30			75.624	24-07-18 11:35	12.08466516	Other	NA	Electronic	75.574	75.624
NZDJPYmicro	24-07-18	13:32-15:30			75.564	24-07-18 13:32	6.042332582	Other	NA	Electronic	75.564	75.608
NZDJPYmicro	24-07-18	15:32-17:30			75.647	24-07-18 15:53	60.42332582	Other	NA	Electronic	75.647	75.697
NZDJPYmicro	25-07-18	09:32-11:30			75.693	25-07-18 09:37	241.6933033	Other	NA	Electronic	75.693	75.743

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	25-07-18	11:32-13:30			75.602	25-07-18 11:32	60.42332582	Other	NA	Electronic	75.602	75.652
NZDJPYmicro	25-07-18	13:32-15:30			75.632	25-07-18 13:41	120.8466516	Other	NA	Electronic	75.632	75.682
NZDJPYmicro	25-07-18	15:30-15:32	75.46333	1812.699775								
NZDJPYmicro	26-07-18	09:32-11:30			75.605	26-07-18 09:40	906.3498873	Other	NA	Electronic	75.605	75.655
NZDJPYmicro	26-07-18	11:32-13:30			75.57	26-07-18 11:32	6.042332582	Other	NA	Electronic	75.521	75.571
NZDJPYmicro	26-07-18	13:30-13:32	75.561	604.2332582								
NZDJPYmicro	26-07-18	15:32-17:30			75.501	26-07-18 15:36	845.9265615	Other	NA	Electronic	75.453	75.501
NZDJPYmicro	27-07-18	09:30-09:32	75.278	6.042332582								
NZDJPYmicro	27-07-18	11:32-13:30			75.221	27-07-18 11:46	241.6933033	Other	NA	Electronic	75.221	75.271
NZDJPYmicro	27-07-18	13:32-15:30			75.313	27-07-18 13:35	664.656584	Other	NA	Electronic	75.263	75.313
NZDJPYmicro	27-07-18	15:32-17:30			75.402	27-07-18 15:45	30.21166291	Other	NA	Electronic	75.402	75.452
NZDJPYmicro	30-07-18	09:32-11:30			75.586	30-07-18 09:33	906.3498873	Other	NA	Electronic	75.586	75.637
NZDJPYmicro	30-07-18	11:32-13:30			75.608	30-07-18 11:43	60.42332582	Other	NA	Electronic	75.608	75.655
NZDJPYmicro	30-07-18	13:32-15:30			75.658	30-07-18 13:47	604.2332582	Other	NA	Electronic	75.658	75.706
NZDJPYmicro	30-07-18	15:32-17:30			75.788	30-07-18 15:32	211.4816404	Other	NA	Electronic	75.789	75.838

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	31-07-18	09:32-11:30			75.993	31-07-18 09:35	12.08466516	Other	NA	Electronic	75.993	76.042
NZDJPYmicro	31-07-18	11:32-13:30			76.109	31-07-18 12:30	6.042332582	Other	NA	Electronic	75.918	76.11
NZDJPYmicro	31-07-18	13:30-13:32	76.142	2416.933033								
NZDJPYmicro	31-07-18	15:30-15:32	76.2315	151.0583146								
NZDJPYmicro	01-08-18	09:32-11:30			76.091	01-08-18 09:42	6.042332582	Other	NA	Electronic	76.091	76.141
NZDJPYmicro	01-08-18	11:32-13:30			76.11	01-08-18 11:56	1003.027209	Other	NA	Electronic	76.111	76.161
NZDJPYmicro	01-08-18	13:32-15:30			76.101	01-08-18 14:04	48.33866066	Other	NA	Electronic	76.101	76.151
NZDJPYmicro	01-08-18	15:32-17:30			76.005	01-08-18 15:32	1033.238872	Other	NA	Electronic	75.954	76.005
NZDJPYmicro	02-08-18	09:30-09:32	75.391	1208.466516								
NZDJPYmicro	02-08-18	11:32-13:30			75.269	02-08-18 11:49	12084.66516	Other	NA	Electronic	75.269	75.319
NZDJPYmicro	02-08-18	13:32-15:30			75.289	02-08-18 13:50	1558.921806	Other	NA	Electronic	75.241	75.288
NZDJPYmicro	02-08-18	15:32-17:30			75.39	02-08-18 16:38	1208.466516	Other	NA	Electronic	75.34	75.39
NZDJPYmicro	03-08-18	09:32-11:30			75.211	03-08-18 10:01	604.2332582	Other	NA	Electronic	75.162	75.211
NZDJPYmicro	03-08-18	11:30-11:32	75.405	3625.399549								
NZDJPYmicro	03-08-18	13:30-13:32	75.056	1311.18617								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	03-08-18	15:32-17:30			75.102	03-08-18 15:59	604.2332582	Other	NA	Electronic	75.052	75.102
NZDJPYmicro	06-08-18	09:32-11:30			75.027	06-08-18 09:37	3021.166291	Other	NA	Electronic	74.978	75.027
NZDJPYmicro	06-08-18	11:32-13:30			75.028	06-08-18 12:24	2416.933033	Other	NA	Electronic	74.983	75.029
NZDJPYmicro	06-08-18	13:30-13:32	75.007	604.2332582								
NZDJPYmicro	06-08-18	15:32-17:30			75.087	06-08-18 16:02	302.1166291	Other	NA	Electronic	75.037	75.087
NZDJPYmicro	07-08-18	09:32-11:30			74.987	07-08-18 10:26	9063.498873	Other	NA	Electronic	74.987	75.036
NZDJPYmicro	07-08-18	11:32-13:30			75.04	07-08-18 11:44	60.42332582	Other	NA	Electronic	74.99	75.04
NZDJPYmicro	07-08-18	13:32-15:30			74.953	07-08-18 13:32	241.6933033	Other	NA	Electronic	74.902	74.953
NZDJPYmicro	07-08-18	15:32-17:30			74.87	07-08-18 15:35	30.21166291	Other	NA	Electronic	74.87	74.919
NZDJPYmicro	08-08-18	09:32-11:30			74.746	08-08-18 09:32	6.042332582	Other	NA	Electronic	74.746	74.795
NZDJPYmicro	08-08-18	11:32-13:30			74.819	08-08-18 12:00	48.33866066	Other	NA	Electronic	74.82	74.869
NZDJPYmicro	08-08-18	13:32-15:30			74.838	08-08-18 13:33	120.8466516	Other	NA	Electronic	74.788	74.838
NZDJPYmicro	08-08-18	15:30-15:32	74.785	84.59265615								
NZDJPYmicro	09-08-18	09:30-09:32	73.894	1824.78444								
NZDJPYmicro	09-08-18	11:32-13:30			73.931	09-08-18 11:46	604.2332582	Other	NA	Electronic	73.88	73.931

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	09-08-18	13:30-13:32	73.71	48.33866066								
NZDJPYmicro	09-08-18	15:30-15:32	73.499	604.2332582								
NZDJPYmicro	10-08-18	09:32-11:30			73.128	10-08-18 09:41	302.1166291	Other	NA	Electronic	73.078	73.128
NZDJPYmicro	10-08-18	11:32-13:30			73.223	10-08-18 11:44	120.8466516	Other	NA	Electronic	73.223	73.274
NZDJPYmicro	10-08-18	13:32-15:30			73.314	10-08-18 13:40	1510.583146	Other	NA	Electronic	73.264	73.314
NZDJPYmicro	10-08-18	15:32-17:30			73.106	10-08-18 15:49	12.08466516	Other	NA	Electronic	73.056	73.106
NZDJPYmicro	13-08-18	09:32-11:30			72.679	13-08-18 09:33	1208.466516	Other	NA	Electronic	72.628	72.679
NZDJPYmicro	13-08-18	11:32-13:30			72.501	13-08-18 11:32	90.63498873	Other	NA	Electronic	72.501	72.551
NZDJPYmicro	13-08-18	13:32-15:30			72.957	13-08-18 13:33	30.21166291	Other	NA	Electronic	72.957	73.007
NZDJPYmicro	13-08-18	15:30-15:32	72.883	12.08466516								
NZDJPYmicro	14-08-18	09:32-11:30			73.255	14-08-18 10:22	302.1166291	Other	NA	Electronic	73.205	73.255
NZDJPYmicro	14-08-18	11:30-11:32	73.145	604.2332582								
NZDJPYmicro	14-08-18	13:32-15:30			73.169	14-08-18 13:33	6042.332582	Other	NA	Electronic	73.169	73.218
NZDJPYmicro	14-08-18	15:32-17:30			73.105	14-08-18 15:48	610.2755908	Other	NA	Electronic	73.054	73.105
NZDJPYmicro	15-08-18	09:32-11:30			72.865	15-08-18 09:35	18.12699775	Other	NA	Electronic	72.865	72.915

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	15-08-18	11:32-13:30			72.654	15-08-18 11:32	6.042332582	Other	NA	Electronic	72.654	72.704
NZDJPYmicro	15-08-18	13:32-15:30			72.782	15-08-18 13:37	24.16933033	Other	NA	Electronic	72.732	72.782
NZDJPYmicro	15-08-18	15:32-17:30			72.563	15-08-18 16:01	604.2332582	Other	NA	Electronic	72.513	72.563
NZDJPYmicro	16-08-18	09:32-11:30			72.97	16-08-18 09:35	18126.99775	Other	NA	Electronic	72.92	72.97
NZDJPYmicro	16-08-18	11:32-13:30			72.903	16-08-18 12:58	138.9736494	Other	NA	Electronic	72.903	72.953
NZDJPYmicro	16-08-18	13:32-15:30			72.959	16-08-18 13:33	6042.332582	Other	NA	Electronic	72.959	73.01
NZDJPYmicro	16-08-18	15:32-17:30			73.074	16-08-18 15:47	6.042332582	Other	NA	Electronic	73.074	73.124
NZDJPYmicro	17-08-18	09:32-11:30			72.998	17-08-18 09:38	120.8466516	Other	NA	Electronic	72.951	72.998
NZDJPYmicro	17-08-18	11:32-13:30			72.904	17-08-18 11:36	1208.466516	Other	NA	Electronic	72.904	72.955
NZDJPYmicro	17-08-18	13:32-15:30			73.006	17-08-18 13:36	1208.466516	Other	NA	Electronic	73.004	73.055
NZDJPYmicro	17-08-18	15:30-15:32	73.06	302.1166291								
NZDJPYmicro	20-08-18	09:32-11:30			73.243	20-08-18 09:33	60.42332582	Other	NA	Electronic	73.193	73.243
NZDJPYmicro	20-08-18	11:32-13:30			73.156	20-08-18 11:49	60.42332582	Other	NA	Electronic	73.156	73.206
NZDJPYmicro	20-08-18	13:32-15:30			73.11	20-08-18 13:44	3021.166291	Other	NA	Electronic	73.11	73.16
NZDJPYmicro	20-08-18	15:32-17:30			73.098	20-08-18 15:33	60.42332582	Other	NA	Electronic	73.098	73.149

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	21-08-18	09:32-11:30			73.517	21-08-18 09:45	302.1166291	Other	NA	Electronic	73.686	73.736
NZDJPYmicro	21-08-18	11:32-13:30			73.496	21-08-18 11:33	259.820301	Other	NA	Electronic	73.445	73.496
NZDJPYmicro	21-08-18	13:30-13:32	73.586	72.50799098								
NZDJPYmicro	21-08-18	15:32-17:30			73.703	21-08-18 15:48	66.4656584	Other	NA	Electronic	73.703	73.754
NZDJPYmicro	22-08-18	09:32-11:30			73.881	22-08-18 09:56	60.42332582	Other	NA	Electronic	73.832	73.881
NZDJPYmicro	22-08-18	11:32-13:30			73.96	22-08-18 12:36	3021.166291	Other	NA	Electronic	73.96	74.01
NZDJPYmicro	22-08-18	13:32-15:30			74.029	22-08-18 13:35	60.42332582	Other	NA	Electronic	73.978	74.029
NZDJPYmicro	22-08-18	15:30-15:32	73.996	60.42332582								
NZDJPYmicro	23-08-18	09:32-11:30			73.945	23-08-18 09:33	60.42332582	Other	NA	Electronic	73.945	73.995
NZDJPYmicro	23-08-18	11:32-13:30			73.927	23-08-18 11:39	60.42332582	Other	NA	Electronic	73.927	73.977
NZDJPYmicro	23-08-18	13:32-15:30			73.946	23-08-18 13:39	120.8466516	Other	NA	Electronic	73.895	73.946
NZDJPYmicro	23-08-18	15:32-17:30			73.967	23-08-18 15:46	187.31231	Other	NA	Electronic	73.917	73.967
NZDJPYmicro	24-08-18	09:30-09:32	73.981	1208.466516								
NZDJPYmicro	24-08-18	11:32-13:30			74.216	24-08-18 11:34	302.1166291	Other	NA	Electronic	74.216	74.267
NZDJPYmicro	24-08-18	13:32-15:30			74.256	24-08-18 13:41	60.42332582	Other	NA	Electronic	74.207	74.256

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	24-08-18	15:32-17:30			74.441	24-08-18 15:52	60.42332582	Other	NA	Electronic	74.391	74.441
NZDJPYmicro	27-08-18	09:32-11:30			74.219	27-08-18 09:45	60.42332582	Other	NA	Electronic	74.169	74.219
NZDJPYmicro	27-08-18	11:32-13:30			74.181	27-08-18 11:34	12084.66516	Other	NA	Electronic	74.131	74.181
NZDJPYmicro	27-08-18	13:32-15:30			74.2	27-08-18 13:38	30.21166291	Other	NA	Electronic	74.15	74.2
NZDJPYmicro	27-08-18	15:32-17:30			74.383	27-08-18 15:36	60.42332582	Other	NA	Electronic	74.331	74.382
NZDJPYmicro	28-08-18	09:32-11:30			74.493	28-08-18 09:56	60.42332582	Other	NA	Electronic	74.493	74.542
NZDJPYmicro	28-08-18	11:32-13:30			74.571	28-08-18 11:54	60.42332582	Other	NA	Electronic	74.52	74.571
NZDJPYmicro	28-08-18	13:32-15:30			74.575	28-08-18 13:33	3625.399549	Other	NA	Electronic	74.575	74.624
NZDJPYmicro	28-08-18	15:32-17:30			74.632	28-08-18 16:33	18.12699775	Other	NA	Electronic	74.632	74.683
NZDJPYmicro	29-08-18	09:32-11:30			74.557	29-08-18 09:52	60.42332582	Other	NA	Electronic	74.557	74.606
NZDJPYmicro	29-08-18	11:32-13:30			74.516	29-08-18 11:35	1208.466516	Other	NA	Electronic	74.516	74.566
NZDJPYmicro	29-08-18	13:32-15:30			74.488	29-08-18 13:54	120.8466516	Other	NA	Electronic	74.488	74.537
NZDJPYmicro	29-08-18	15:32-17:30			74.923	29-08-18 15:32	604.2332582	Other	NA	Electronic	74.873	74.923
NZDJPYmicro	30-08-18	09:32-11:30			74.297	30-08-18 09:49	271.9049662	Other	NA	Electronic	74.297	74.344
NZDJPYmicro	30-08-18	11:32-13:30			74.246	30-08-18 11:39	114.8043191	Other	NA	Electronic	74.246	74.294

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	30-08-18	13:32-15:30			74.096	30-08-18 13:33	60.42332582	Other	NA	Electronic	74.049	74.096
NZDJPYmicro	30-08-18	15:32-17:30			73.94	30-08-18 15:35	60.42332582	Other	NA	Electronic	73.892	73.94
NZDJPYmicro	31-08-18	09:32-11:30			73.578	31-08-18 09:43	604.2332582	Other	NA	Electronic	73.578	73.626
NZDJPYmicro	31-08-18	11:32-13:30			73.43	31-08-18 11:51	483.3866066	Other	NA	Electronic	73.43	73.487
NZDJPYmicro	31-08-18	13:30-13:32	73.509	604.2332582								
NZDJPYmicro	31-08-18	15:30-15:32	73.395	30.21166291								
NZDJPYmicro	03-09-18	09:32-11:30			73.379	03-09-18 09:34	60.42332582	Other	NA	Electronic	73.379	73.427
NZDJPYmicro	03-09-18	11:32-13:30			73.457	03-09-18 11:58	60.42332582	Other	NA	Electronic	73.409	73.457
NZDJPYmicro	03-09-18	13:32-15:30			73.365	03-09-18 15:00	60.42332582	Other	NA	Electronic	73.365	73.414
NZDJPYmicro	03-09-18	15:32-17:30			73.35	03-09-18 16:12	78.55032357	Other	NA	Electronic	73.302	73.35
NZDJPYmicro	04-09-18	09:32-11:30			72.955	04-09-18 09:36	12084.66516	Other	NA	Electronic	72.907	72.955
NZDJPYmicro	04-09-18	11:32-13:30			72.86	04-09-18 12:00	604.2332582	Other	NA	Electronic	72.86	72.908
NZDJPYmicro	04-09-18	13:32-15:30			72.852	04-09-18 13:45	610.2755908	Other	NA	Electronic	72.852	72.914
NZDJPYmicro	04-09-18	15:32-17:30			72.908	04-09-18 15:35	2416.933033	Other	NA	Electronic	72.908	72.955
NZDJPYmicro	05-09-18	09:30-09:32	73.154	2416.933033								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	05-09-18	11:32-13:30			73.28	05-09-18 11:35	60.42332582	Other	NA	Electronic	73.232	73.28
NZDJPYmicro	05-09-18	13:30-13:32	73.4945	3552.891558								
NZDJPYmicro	05-09-18	15:32-17:30			73.38	05-09-18 15:42	1208.466516	Other	NA	Electronic	73.331	73.38
NZDJPYmicro	06-09-18	09:32-11:30			73.472	06-09-18 09:39	18.12699775	Other	NA	Electronic	73.424	73.472
NZDJPYmicro	06-09-18	11:32-13:30			73.451	06-09-18 12:13	302.1166291	Other	NA	Electronic	73.403	73.451
NZDJPYmicro	06-09-18	13:32-15:30			73.327	06-09-18 13:33	302.1166291	Other	NA	Electronic	73.279	73.327
NZDJPYmicro	06-09-18	15:30-15:32	73.136	302.1166291								
NZDJPYmicro	07-09-18	09:32-11:30			72.881	07-09-18 09:41	24.16933033	Other	NA	Electronic	72.833	72.881
NZDJPYmicro	07-09-18	11:32-13:30			72.897	07-09-18 11:34	785.5032357	Other	NA	Electronic	72.897	72.946
NZDJPYmicro	07-09-18	13:32-15:30			72.816	07-09-18 13:44	604.2332582	Other	NA	Electronic	72.767	72.816
NZDJPYmicro	07-09-18	15:32-17:30			72.746	07-09-18 16:07	30.21166291	Other	NA	Electronic	72.746	72.794
NZDJPYmicro	10-09-18	09:30-09:32	72.686	616.3179234								
NZDJPYmicro	10-09-18	11:32-13:30			72.695	10-09-18 12:57	6.042332582	Other	NA	Electronic	72.646	72.695
NZDJPYmicro	10-09-18	13:32-15:30			72.75	10-09-18 13:35	84.59265615	Other	NA	Electronic	72.703	72.75
NZDJPYmicro	10-09-18	15:32-17:30			72.599	10-09-18 15:41	302.1166291	Other	NA	Electronic	72.599	72.648

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	11-09-18	09:32-11:30			72.593	11-09-18 09:34	60.42332582	Other	NA	Electronic	72.593	72.642
NZDJPYmicro	11-09-18	11:32-13:30			72.493	11-09-18 11:40	604.2332582	Other	NA	Electronic	72.493	72.541
NZDJPYmicro	11-09-18	13:32-15:30			72.492	11-09-18 13:45	6.042332582	Other	NA	Electronic	72.444	72.492
NZDJPYmicro	11-09-18	15:32-17:30			72.587	11-09-18 15:41	670.6989166	Other	NA	Electronic	72.538	72.587
NZDJPYmicro	12-09-18	09:32-11:30			72.691	12-09-18 09:45	60.42332582	Other	NA	Electronic	72.691	72.737
NZDJPYmicro	12-09-18	11:32-13:30			72.683	12-09-18 12:43	60.42332582	Other	NA	Electronic	72.634	72.683
NZDJPYmicro	12-09-18	13:32-15:30			72.548	12-09-18 13:40	60.42332582	Other	NA	Electronic	72.548	72.597
NZDJPYmicro	12-09-18	15:32-17:30			73.054	12-09-18 15:34	1208.466516	Other	NA	Electronic	73.054	73.103
NZDJPYmicro	13-09-18	09:30-09:32	72.994	8459.265615								
NZDJPYmicro	13-09-18	11:32-13:30			73.111	13-09-18 11:38	60.42332582	Other	NA	Electronic	73.111	73.159
NZDJPYmicro	13-09-18	13:32-15:30			73.448	13-09-18 13:41	60.42332582	Other	NA	Electronic	73.398	73.448
NZDJPYmicro	13-09-18	15:32-17:30			73.434	13-09-18 15:33	145.015982	Other	NA	Electronic	73.385	73.434
NZDJPYmicro	14-09-18	09:32-11:30			73.648	14-09-18 09:50	181.2699775	Other	NA	Electronic	73.599	73.649
NZDJPYmicro	14-09-18	11:32-13:30			73.55	14-09-18 11:48	604.2332582	Other	NA	Electronic	73.501	73.55
NZDJPYmicro	14-09-18	13:32-15:30			73.535	14-09-18 15:13	30.21166291	Other	NA	Electronic	73.535	73.584



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	14-09-18	15:32-17:30			73.573	14-09-18 15:43	72.50799098	Other	NA	Electronic	73.573	73.622
NZDJPYmicro	17-09-18	09:32-11:30			73.489	17-09-18 09:33	6042.332582	Other	NA	Electronic	73.489	73.536
NZDJPYmicro	17-09-18	11:32-13:30			73.565	17-09-18 11:43	604.2332582	Other	NA	Electronic	73.565	73.611
NZDJPYmicro	17-09-18	13:32-15:30			73.835	17-09-18 13:33	6.042332582	Other	NA	Electronic	73.787	73.835
NZDJPYmicro	17-09-18	15:32-17:30			73.705	17-09-18 15:35	604.2332582	Other	NA	Electronic	73.705	73.753
NZDJPYmicro	18-09-18	09:32-11:30			73.86	18-09-18 09:38	120.8466516	Other	NA	Electronic	73.813	73.86
NZDJPYmicro	18-09-18	11:32-13:30			73.894	18-09-18 11:42	42.29632807	Other	NA	Electronic	73.848	73.894
NZDJPYmicro	18-09-18	13:32-15:30			73.977	18-09-18 13:33	302.1166291	Other	NA	Electronic	73.977	74.024
NZDJPYmicro	18-09-18	15:30-15:32	73.991	181.2699775								
NZDJPYmicro	19-09-18	09:32-11:30			74.27	19-09-18 09:59	1208.466516	Other	NA	Electronic	74.224	74.27
NZDJPYmicro	19-09-18	11:30-11:32	74.2015	308.1589617								
NZDJPYmicro	19-09-18	13:32-15:30			74.187	19-09-18 13:32	9063.498873	Other	NA	Electronic	74.139	74.187
NZDJPYmicro	19-09-18	15:30-15:32	74.215	90.63498873								
NZDJPYmicro	20-09-18	09:32-11:30			74.749	20-09-18 09:32	78.55032357	Other	NA	Electronic	74.749	74.798
NZDJPYmicro	20-09-18	11:30-11:32	74.85867	386.7092853								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	20-09-18	13:30-13:32	74.86667	151.0583146								
NZDJPYmicro	20-09-18	15:32-17:30			75.113	20-09-18 15:34	12084.66516	Other	NA	Electronic	75.066	75.113
NZDJPYmicro	21-09-18	09:32-11:30			75.456	21-09-18 09:51	604.2332582	Other	NA	Electronic	75.456	75.506
NZDJPYmicro	21-09-18	11:30-11:32	75.342	6.042332582								
NZDJPYmicro	21-09-18	13:30-13:32	75.193	6084.62891								
NZDJPYmicro	21-09-18	15:32-17:30			75.219	21-09-18 15:49	30.21166291	Other	NA	Electronic	75.219	75.268
NZDJPYmicro	24-09-18	09:30-09:32	75.083	604.2332582								
NZDJPYmicro	24-09-18	11:32-13:30			75.149	24-09-18 11:32	60.42332582	Other	NA	Electronic	75.1	75.149
NZDJPYmicro	24-09-18	13:32-15:30			75.041	24-09-18 13:33	6.042332582	Other	NA	Electronic	74.992	75.041
NZDJPYmicro	24-09-18	15:32-17:30			74.858	24-09-18 15:35	120.8466516	Other	NA	Electronic	74.858	74.906
NZDJPYmicro	25-09-18	09:32-11:30			74.966	25-09-18 09:44	181.2699775	Other	NA	Electronic	74.966	75.015
NZDJPYmicro	25-09-18	11:32-13:30			75.025	25-09-18 11:40	60.42332582	Other	NA	Electronic	75.025	75.072
NZDJPYmicro	25-09-18	13:32-15:30			75.121	25-09-18 13:43	604.2332582	Other	NA	Electronic	75.073	75.121
NZDJPYmicro	25-09-18	15:30-15:32	75.038	422.9632807								
NZDJPYmicro	26-09-18	09:32-11:30			75.106	26-09-18 10:30	60.42332582	Other	NA	Electronic	75.106	75.153

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDJPYmicro	26-09-18	11:30-11:32	75.149	719.0375773								
NZDJPYmicro	26-09-18	13:32-15:30			75.123	26-09-18 13:32	1015.111874	Other	NA	Electronic	75.076	75.123
NZDJPYmicro	26-09-18	15:32-17:30			75.207	26-09-18 15:44	604.2332582	Other	NA	Electronic	75.16	75.207
NZDJPYmicro	27-09-18	09:32-11:30			74.856	27-09-18 09:46	3021.166291	Other	NA	Electronic	74.807	74.856
NZDJPYmicro	27-09-18	11:32-13:30			74.951	27-09-18 11:32	12.08466516	Other	NA	Electronic	74.903	74.951
NZDJPYmicro	27-09-18	13:32-15:30			74.939	27-09-18 13:37	6.042332582	Other	NA	Electronic	74.939	74.987
NZDJPYmicro	27-09-18	15:30-15:32	75.014	1208.466516								
NZDJPYmicro	28-09-18	09:32-11:30			74.987	28-09-18 09:46	36.25399549	Other	NA	Electronic	74.94	74.987
NZDJPYmicro	28-09-18	11:32-13:30			74.957	28-09-18 11:59	60.42332582	Other	NA	Electronic	74.957	75.005
NZDJPYmicro	28-09-18	13:32-15:30			75.004	28-09-18 13:33	30.21166291	Other	NA	Electronic	74.956	75.004
NZDJPYmicro	28-09-18	15:30-15:32	75.274	6.042332582								
NZDSGD	02-07-18	09:32-11:30			0.92081	02-07-18 09:38	604.2332582	Other	NA	Electronic	0.92081	0.92279
NZDSGD	02-07-18	11:32-13:30			0.91811	02-07-18 12:54	604.2332582	Other	NA	Electronic	0.91811	0.91999
NZDSGD	03-07-18	15:32-17:30			0.92111	03-07-18 16:05	604.2332582	Other	NA	Electronic	0.92111	0.92299
NZDSGD	04-07-18	09:32-11:30			0.92301	04-07-18 09:44	7855.032357	Other	NA	Electronic	0.92301	0.92489

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGD	05-07-18	09:32-11:30			0.92441	05-07-18 09:35	604.2332582	Other	NA	Electronic	0.92441	0.92629
NZDSGD	05-07-18	13:32-15:30			0.92541	05-07-18 13:49	604.2332582	Other	NA	Electronic	0.92541	0.92729
NZDSGD	06-07-18	11:32-13:30			0.92899	06-07-18 12:00	604.2332582	Other	NA	Electronic	0.92711	0.92899
NZDSGD	11-07-18	09:32-11:30			0.92271	11-07-18 10:58	604.2332582	Other	NA	Electronic	0.92271	0.92459
NZDSGD	11-07-18	15:32-17:30			0.92191	11-07-18 16:49	3021.166291	Other	NA	Electronic	0.92191	0.92379
NZDSGD	18-07-18	11:32-13:30			0.92769	18-07-18 13:19	604.2332582	Other	NA	Electronic	0.92571	0.92769
NZDSGD	18-07-18	13:30-13:32	0.92541	604.2332582								
NZDSGD	30-07-18	13:30-13:32	0.92711	1812.699775								
NZDSGD	02-08-18	11:32-13:30			0.92399	02-08-18 12:27	1812.699775	Other	NA	Electronic	0.92201	0.92399
NZDSGD	07-08-18	13:32-15:30			0.91831	07-08-18 13:43	1812.699775	Other	NA	Electronic	0.91831	0.92019
NZDSGD	13-08-18	13:32-15:30			0.90799	13-08-18 14:59	1208.466516	Other	NA	Electronic	0.90601	0.90799
NZDSGD	17-08-18	09:32-11:30			0.90839	17-08-18 10:19	604.2332582	Other	NA	Electronic	0.90641	0.90839
NZDSGD	17-08-18	15:32-17:30			0.90591	17-08-18 17:11	604.2332582	Other	NA	Electronic	0.90591	0.90789
NZDSGD	21-08-18	09:32-11:30			0.91239	21-08-18 09:52	604.2332582	Other	NA	Electronic	0.91051	0.91239
NZDSGD	21-08-18	11:32-13:30			0.91111	21-08-18 13:05	604.2332582	Other	NA	Electronic	0.91111	0.91309

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGD	05-09-18	11:32-13:30			0.90569	05-09-18 11:34	1812.699775	Other	NA	Electronic	0.90381	0.90569
NZDSGD	06-09-18	09:32-11:30			0.90611	06-09-18 09:42	1812.699775	Other	NA	Electronic	0.90611	0.90799
NZDSGD	07-09-18	11:32-13:30			0.90379	07-09-18 13:01	60423.32582	Other	NA	Electronic	0.90191	0.90379
NZDSGD	11-09-18	09:32-11:30			0.89711	11-09-18 09:46	60423.32582	Other	NA	Electronic	0.89711	0.89909
NZDSGD	19-09-18	11:32-13:30			0.90421	19-09-18 12:37	604.2332582	Other	NA	Electronic	0.90421	0.90609
NZDSGD	27-09-18	09:32-11:30			0.90729	27-09-18 11:07	604.2332582	Other	NA	Electronic	0.90541	0.90729
NZDSGD	27-09-18	15:30-15:32	0.90436	604.2332582								
NZDSGD.	10-07-18	13:32-15:30			0.92616	10-07-18 14:55	2416.933033	Other	NA	Electronic	0.92616	0.92654
NZDSGD.	18-07-18	09:32-11:30			0.92476	18-07-18 09:46	604.2332582	Other	NA	Electronic	0.92476	0.92514
NZDSGD.	18-07-18	11:32-13:30			0.92544	18-07-18 11:42	604.2332582	Other	NA	Electronic	0.92506	0.92544
NZDSGD.	18-07-18	13:30-13:32	0.9265	604.2332582								
NZDSGD.	18-07-18	15:32-17:30			0.927	18-07-18 16:00	604.2332582	Other	NA	Electronic	0.927	0.9274
NZDSGD.	19-07-18	09:32-11:30			0.92356	19-07-18 11:29	604.2332582	Other	NA	Electronic	0.92356	0.92394
NZDSGD.	19-07-18	11:32-13:30			0.9234	19-07-18 11:46	604.2332582	Other	NA	Electronic	0.9234	0.9238
NZDSGD.	20-07-18	13:32-15:30			0.92706	20-07-18 13:56	1208.466516	Other	NA	Electronic	0.92706	0.92744

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGD.	07-09-18	11:32-13:30			0.9032	07-09-18 13:00	3625.399549	Other	NA	Electronic	0.9028	0.9032
NZDSGD.	11-09-18	09:32-11:30			0.89716	11-09-18 10:17	3625.399549	Other	NA	Electronic	0.89716	0.89754
NZDSGDmicro	02-07-18	09:32-11:30			0.92149	02-07-18 11:09	120.8466516	Other	NA	Electronic	0.91951	0.92149
NZDSGDmicro	02-07-18	11:32-13:30			0.92029	02-07-18 11:55	465.2596088	Other	NA	Electronic	0.91841	0.92029
NZDSGDmicro	02-07-18	15:32-17:30			0.91771	02-07-18 16:09	30.21166291	Other	NA	Electronic	0.91771	0.91959
NZDSGDmicro	03-07-18	13:32-15:30			0.92139	03-07-18 13:34	60.42332582	Other	NA	Electronic	0.91951	0.92139
NZDSGDmicro	04-07-18	13:32-15:30			0.92339	04-07-18 13:52	3021.166291	Other	NA	Electronic	0.92151	0.92339
NZDSGDmicro	05-07-18	11:32-13:30			0.92729	05-07-18 12:21	30.21166291	Other	NA	Electronic	0.92531	0.92729
NZDSGDmicro	05-07-18	15:32-17:30			0.92591	05-07-18 15:40	3021.166291	Other	NA	Electronic	0.92591	0.92789
NZDSGDmicro	06-07-18	09:32-11:30			0.92899	06-07-18 10:37	66.4656584	Other	NA	Electronic	0.92711	0.92899
NZDSGDmicro	06-07-18	11:32-13:30			0.92691	06-07-18 13:07	906.3498873	Other	NA	Electronic	0.92691	0.92879
NZDSGDmicro	06-07-18	13:32-15:30			0.92681	06-07-18 14:22	120.8466516	Other	NA	Electronic	0.92681	0.92879
NZDSGDmicro	09-07-18	09:32-11:30			0.92571	09-07-18 09:57	3021.166291	Other	NA	Electronic	0.92571	0.92759
NZDSGDmicro	11-07-18	09:32-11:30			0.92459	11-07-18 10:08	60.42332582	Other	NA	Electronic	0.92261	0.92459
NZDSGDmicro	12-07-18	13:32-15:30			0.92389	12-07-18 14:41	302.1166291	Other	NA	Electronic	0.92201	0.92389

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGDmicro	16-07-18	11:32-13:30			0.92311	16-07-18 12:30	30.21166291	Other	NA	Electronic	0.92311	0.92519
NZDSGDmicro	17-07-18	09:32-11:30			0.92849	17-07-18 11:11	199.3969752	Other	NA	Electronic	0.92661	0.92849
NZDSGDmicro	17-07-18	11:32-13:30			0.92611	17-07-18 12:43	6.042332582	Other	NA	Electronic	0.92611	0.92799
NZDSGDmicro	17-07-18	13:32-15:30			0.92659	17-07-18 13:50	217.523973	Other	NA	Electronic	0.92471	0.92659
NZDSGDmicro	17-07-18	15:32-17:30			0.92659	17-07-18 16:30	6.042332582	Other	NA	Electronic	0.92471	0.92659
NZDSGDmicro	18-07-18	11:32-13:30			0.92551	18-07-18 13:12	30.21166291	Other	NA	Electronic	0.92551	0.92749
NZDSGDmicro	20-07-18	15:32-17:30			0.92829	20-07-18 16:55	30.21166291	Other	NA	Electronic	0.92641	0.92829
NZDSGDmicro	24-07-18	09:32-11:30			0.92591	24-07-18 09:38	604.2332582	Other	NA	Electronic	0.92591	0.92779
NZDSGDmicro	24-07-18	11:32-13:30			0.92909	24-07-18 12:56	120.8466516	Other	NA	Electronic	0.92721	0.92909
NZDSGDmicro	26-07-18	09:32-11:30			0.92909	26-07-18 09:45	199.3969752	Other	NA	Electronic	0.92711	0.92909
NZDSGDmicro	26-07-18	11:32-13:30			0.92739	26-07-18 13:00	24.16933033	Other	NA	Electronic	0.92551	0.92739
NZDSGDmicro	30-07-18	11:32-13:30			0.92741	30-07-18 13:01	24.16933033	Other	NA	Electronic	0.92751	0.92939
NZDSGDmicro	30-07-18	13:32-15:30			0.92821	30-07-18 14:19	265.8626336	Other	NA	Electronic	0.92821	0.93009
NZDSGDmicro	31-07-18	11:32-13:30			0.92731	31-07-18 12:30	60.42332582	Other	NA	Electronic	0.92731	0.92919
NZDSGDmicro	31-07-18	13:32-15:30			0.92729	31-07-18 15:12	60.42332582	Other	NA	Electronic	0.92541	0.92729

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGDmicro	01-08-18	09:32-11:30			0.92461	01-08-18 09:42	12.08466516	Other	NA	Electronic	0.92461	0.92649
NZDSGDmicro	01-08-18	11:32-13:30			0.92511	01-08-18 12:16	18.12699775	Other	NA	Electronic	0.92511	0.92699
NZDSGDmicro	02-08-18	11:32-13:30			0.92379	02-08-18 12:17	24.16933033	Other	NA	Electronic	0.92191	0.92379
NZDSGDmicro	02-08-18	15:32-17:30			0.92369	02-08-18 17:00	6.042332582	Other	NA	Electronic	0.92181	0.92369
NZDSGDmicro	06-08-18	11:32-13:30			0.92239	06-08-18 13:20	24.16933033	Other	NA	Electronic	0.92041	0.92239
NZDSGDmicro	07-08-18	11:32-13:30			0.92099	07-08-18 12:20	290.0319639	Other	NA	Electronic	0.91911	0.92099
NZDSGDmicro	07-08-18	13:32-15:30			0.9198	07-08-18 13:48	24.16933033	Other	NA	Electronic	0.91791	0.9198
NZDSGDmicro	08-08-18	13:32-15:30			0.92009	08-08-18 14:24	604.2332582	Other	NA	Electronic	0.91811	0.92009
NZDSGDmicro	09-08-18	09:32-11:30			0.90759	09-08-18 09:57	60.42332582	Other	NA	Electronic	0.90571	0.90759
NZDSGDmicro	09-08-18	11:32-13:30			0.90819	09-08-18 12:12	1208.466516	Other	NA	Electronic	0.90631	0.90819
NZDSGDmicro	09-08-18	13:32-15:30			0.90579	09-08-18 13:33	622.360256	Other	NA	Electronic	0.90391	0.90579
NZDSGDmicro	13-08-18	13:32-15:30			0.90591	13-08-18 14:58	6.042332582	Other	NA	Electronic	0.90591	0.90789
NZDSGDmicro	15-08-18	15:32-17:30			0.90491	15-08-18 17:26	120.8466516	Other	NA	Electronic	0.90491	0.90689
NZDSGDmicro	16-08-18	11:32-13:30			0.90849	16-08-18 12:56	18.12699775	Other	NA	Electronic	0.90651	0.90849
NZDSGDmicro	16-08-18	13:32-15:30			0.90571	16-08-18 14:31	18.12699775	Other	NA	Electronic	0.90571	0.90769



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGDmicro	16-08-18	15:32-17:30			0.90531	16-08-18 16:43	18.12699775	Other	NA	Electronic	0.90531	0.90719
NZDSGDmicro	17-08-18	13:32-15:30			0.90879	17-08-18 14:42	12.08466516	Other	NA	Electronic	0.90691	0.90879
NZDSGDmicro	20-08-18	11:32-13:30			0.90899	20-08-18 11:46	60.42332582	Other	NA	Electronic	0.90701	0.90899
NZDSGDmicro	20-08-18	15:32-17:30			0.90671	20-08-18 15:45	60.42332582	Other	NA	Electronic	0.90671	0.90869
NZDSGDmicro	21-08-18	09:32-11:30			0.91061	21-08-18 10:44	302.1166291	Other	NA	Electronic	0.91061	0.91249
NZDSGDmicro	21-08-18	15:32-17:30			0.91241	21-08-18 16:55	18.12699775	Other	NA	Electronic	0.91241	0.91439
NZDSGDmicro	28-08-18	09:32-11:30			0.91351	28-08-18 10:13	12.08466516	Other	NA	Electronic	0.91351	0.91539
NZDSGDmicro	29-08-18	09:32-11:30			0.91591	29-08-18 09:33	18.12699775	Other	NA	Electronic	0.91591	0.91779
NZDSGDmicro	29-08-18	13:32-15:30			0.91421	29-08-18 13:39	120.8466516	Other	NA	Electronic	0.91421	0.91609
NZDSGDmicro	30-08-18	09:32-11:30			0.90891	30-08-18 10:46	120.8466516	Other	NA	Electronic	0.90891	0.91079
NZDSGDmicro	30-08-18	13:32-15:30			0.90871	30-08-18 14:07	48.33866066	Other	NA	Electronic	0.90871	0.91069
NZDSGDmicro	31-08-18	13:32-15:30			0.90989	31-08-18 14:35	60.42332582	Other	NA	Electronic	0.90791	0.90989
NZDSGDmicro	31-08-18	15:32-17:30			0.90641	31-08-18 16:34	60.42332582	Other	NA	Electronic	0.90641	0.90829
NZDSGDmicro	03-09-18	15:32-17:30			0.90699	03-09-18 16:53	18.12699775	Other	NA	Electronic	0.90511	0.90699
NZDSGDmicro	05-09-18	11:32-13:30			0.90589	05-09-18 12:03	60.42332582	Other	NA	Electronic	0.90401	0.90589

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDSGDmicro	05-09-18	13:32-15:30			0.90649	05-09-18 13:44	30.21166291	Other	NA	Electronic	0.90451	0.90649
NZDSGDmicro	07-09-18	15:32-17:30			0.90239	07-09-18 16:27	265.8626336	Other	NA	Electronic	0.90051	0.90239
NZDSGDmicro	10-09-18	09:32-11:30			0.90259	10-09-18 10:59	120.8466516	Other	NA	Electronic	0.90071	0.90259
NZDSGDmicro	10-09-18	13:32-15:30			0.90091	10-09-18 14:54	60.42332582	Other	NA	Electronic	0.90091	0.90279
NZDSGDmicro	10-09-18	15:32-17:30			0.90011	10-09-18 16:08	18.12699775	Other	NA	Electronic	0.90011	0.90209
NZDSGDmicro	11-09-18	09:32-11:30			0.89899	11-09-18 09:46	12.08466516	Other	NA	Electronic	0.89711	0.89899
NZDSGDmicro	11-09-18	11:32-13:30			0.89809	11-09-18 12:02	18.12699775	Other	NA	Electronic	0.89621	0.89809
NZDSGDmicro	11-09-18	13:32-15:30			0.89699	11-09-18 13:38	350.4552898	Other	NA	Electronic	0.89511	0.89699
NZDSGDmicro	11-09-18	15:32-17:30			0.89601	11-09-18 16:01	12.08466516	Other	NA	Electronic	0.89601	0.89789
NZDSGDmicro	12-09-18	09:32-11:30			0.89789	12-09-18 10:48	84.59265615	Other	NA	Electronic	0.89591	0.89789
NZDSGDmicro	12-09-18	13:32-15:30			0.89831	12-09-18 14:25	90.63498873	Other	NA	Electronic	0.89831	0.90019
NZDSGDmicro	13-09-18	11:32-13:30			0.90061	13-09-18 13:01	6.042332582	Other	NA	Electronic	0.90061	0.90249
NZDSGDmicro	17-09-18	09:32-11:30			0.90359	17-09-18 10:05	30.21166291	Other	NA	Electronic	0.90161	0.90359
NZDSGDmicro	17-09-18	11:32-13:30			0.90231	17-09-18 12:59	6.042332582	Other	NA	Electronic	0.90231	0.9044
NZDSGDmicro	17-09-18	15:32-17:30			0.90211	17-09-18 16:31	422.9632807	Other	NA	Electronic	0.90211	0.90399

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NZDSGDmicro	19-09-18	13:32-15:30			0.90669	19-09-18 14:30	60.42332582	Other	NA	Electronic	0.90471	0.90669
NZDSGDmicro	19-09-18	15:32-17:30			0.90739	19-09-18 16:04	78.55032357	Other	NA	Electronic	0.90551	0.90739
NZDSGDmicro	20-09-18	11:32-13:30			0.91021	20-09-18 11:32	60.42332582	Other	NA	Electronic	0.91021	0.91219
NZDSGDmicro	20-09-18	13:32-15:30			0.91229	20-09-18 14:45	60.42332582	Other	NA	Electronic	0.91041	0.91229
NZDSGDmicro	20-09-18	15:32-17:30			0.91349	20-09-18 15:42	60.42332582	Other	NA	Electronic	0.91151	0.91349
NZDSGDmicro	24-09-18	09:32-11:30			0.91059	24-09-18 09:36	6.042332582	Other	NA	Electronic	0.90871	0.91059
NZDSGDmicro	24-09-18	11:32-13:30			0.90899	24-09-18 13:10	6.042332582	Other	NA	Electronic	0.90711	0.90899
NZDSGDmicro	24-09-18	15:30-15:32	0.90829	6.042332582								
NZDSGDmicro	25-09-18	15:32-17:30			0.90721	25-09-18 15:34	60.42332582	Other	NA	Electronic	0.90721	0.90909
NZDSGDmicro	26-09-18	11:32-13:30			0.90889	26-09-18 11:44	217.523973	Other	NA	Electronic	0.90701	0.90889
NZDSGDmicro	27-09-18	11:32-13:30			0.90669	27-09-18 12:14	30.21166291	Other	NA	Electronic	0.90471	0.90669
NZDSGDmicro	27-09-18	13:32-15:30			0.90669	27-09-18 13:38	6.042332582	Other	NA	Electronic	0.90481	0.90669
NZDSGDmicro	28-09-18	09:32-11:30			0.90509	28-09-18 09:58	604.2332582	Other	NA	Electronic	0.90311	0.90509
NZDSGDmicro	28-09-18	13:32-15:30			0.90491	28-09-18 14:47	6.042332582	Other	NA	Electronic	0.90491	0.90679
NZDSGDmicro	28-09-18	15:32-17:30			0.90799	28-09-18 16:08	60.42332582	Other	NA	Electronic	0.90611	0.90799

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NZDUSD	02-07-18	09:30-09:32	0.67502	5438.099324								
NZDUSD	02-07-18	11:30-11:32	0.67257	89426.52221								
NZDUSD	02-07-18	13:30-13:32	0.67049	201209.675								
NZDUSD	02-07-18	15:30-15:32	0.67012	3021.166291								
NZDUSD	03-07-18	09:30-09:32	0.67365	4229.632807								
NZDUSD	03-07-18	11:32-13:30			0.67344	03-07-18 11:39	3021.166291	Other	NA	Electronic	0.67344	0.6738
NZDUSD	03-07-18	13:30-13:32	0.67332	3021.166291								
NZDUSD	03-07-18	15:30-15:32	0.67515	2416.933033								
NZDUSD	04-07-18	09:30-09:32	0.67635	30211.66291								
NZDUSD	04-07-18	11:30-11:32	0.67597	6042.332582								
NZDUSD	04-07-18	13:32-15:30			0.67592	04-07-18 13:32	6042.332582	Other	NA	Electronic	0.67592	0.67628
NZDUSD	04-07-18	15:32-17:30			0.67643	04-07-18 15:33	1208.466516	Other	NA	Electronic	0.67607	0.67643
NZDUSD	05-07-18	09:30-09:32	0.67812	1208.466516								
NZDUSD	05-07-18	11:32-13:30			0.67809	05-07-18 11:32	604.2332582	Other	NA	Electronic	0.67809	0.67843
NZDUSD	05-07-18	13:30-13:32	0.67819	3021.166291								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	05-07-18	15:30-15:32	0.67921	9063.498873								
NZDUSD	06-07-18	09:32-11:30			0.68151	06-07-18 09:32	3021.166291	Other	NA	Electronic	0.68151	0.68185
NZDUSD	06-07-18	11:30-11:32	0.68172	4229.632807								
NZDUSD	06-07-18	13:32-15:30			0.68265	06-07-18 13:33	604.2332582	Other	NA	Electronic	0.68232	0.68265
NZDUSD	06-07-18	15:32-17:30			0.68352	06-07-18 15:32	6042.332582	Other	NA	Electronic	0.68352	0.68387
NZDUSD	09-07-18	09:30-09:32	0.68419	3625.399549								
NZDUSD	09-07-18	11:32-13:30			0.68494	09-07-18 11:32	3625.399549	Other	NA	Electronic	0.68494	0.68529
NZDUSD	09-07-18	13:30-13:32	0.68502	6646.56584								
NZDUSD	09-07-18	15:30-15:32	0.68358	1208.466516								
NZDUSD	10-07-18	09:30-09:32	0.68153	14501.5982								
NZDUSD	10-07-18	11:30-11:32	0.68119	12688.89842								
NZDUSD	10-07-18	13:30-13:32	0.68258	78550.32357								
NZDUSD	10-07-18	15:30-15:32	0.68357	604.2332582								
NZDUSD	11-07-18	09:30-09:32	0.67955	13897.36494								
NZDUSD	11-07-18	11:30-11:32	0.67951	3021.166291								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	11-07-18	13:30-13:32	0.67958	1812.699775								
NZDUSD	11-07-18	15:30-15:32	0.67841	160121.8134								
NZDUSD	12-07-18	09:30-09:32	0.67654	61027.55908								
NZDUSD	12-07-18	11:30-11:32	0.67565	604.2332582								
NZDUSD	12-07-18	13:30-13:32	0.67715	1208.466516								
NZDUSD	12-07-18	15:30-15:32	0.67729	6042.332582								
NZDUSD	13-07-18	09:30-09:32	0.67364	70091.05795								
NZDUSD	13-07-18	11:30-11:32	0.67266	3021.166291								
NZDUSD	13-07-18	13:30-13:32	0.67418	604.2332582								
NZDUSD	13-07-18	15:30-15:32	0.67609	9063.498873								
NZDUSD	16-07-18	09:30-09:32	0.6784	7250.799098								
NZDUSD	16-07-18	11:32-13:30			0.67873	16-07-18 11:35	6042.332582	Other	NA	Electronic	0.67844	0.67873
NZDUSD	16-07-18	13:30-13:32	0.67846	10271.96539								
NZDUSD	16-07-18	15:32-17:30			0.67674	16-07-18 15:32	604.2332582	Other	NA	Electronic	0.67646	0.67674
NZDUSD	17-07-18	09:30-09:32	0.68288	18126.99775								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	17-07-18	11:30-11:32	0.68121	65257.19189								
NZDUSD	17-07-18	13:30-13:32	0.67968	9063.498873								
NZDUSD	17-07-18	15:32-17:30			0.6798	17-07-18 15:34	1208.466516	Other	NA	Electronic	0.6795	0.6798
NZDUSD	18-07-18	09:30-09:32	0.67646	3625.399549								
NZDUSD	18-07-18	11:32-13:30			0.67641	18-07-18 11:37	6042.332582	Other	NA	Electronic	0.67612	0.67641
NZDUSD	18-07-18	13:32-15:30			0.6774	18-07-18 13:34	604.2332582	Other	NA	Electronic	0.67711	0.6774
NZDUSD	18-07-18	15:32-17:30			0.67831	18-07-18 15:33	1208.466516	Other	NA	Electronic	0.67831	0.67859
NZDUSD	19-07-18	09:30-09:32	0.67337	77946.09031								
NZDUSD	19-07-18	11:30-11:32	0.67321	6646.56584								
NZDUSD	19-07-18	13:30-13:32	0.67286	62840.25885								
NZDUSD	19-07-18	15:30-15:32	0.67145	63444.49211								
NZDUSD	20-07-18	09:30-09:32	0.67671	604.2332582								
NZDUSD	20-07-18	11:32-13:30			0.67646	20-07-18 11:34	604.2332582	Other	NA	Electronic	0.67616	0.67646
NZDUSD	20-07-18	13:32-15:30			0.67982	20-07-18 13:35	6042.332582	Other	NA	Electronic	0.67982	0.68013
NZDUSD	20-07-18	15:32-17:30			0.67996	20-07-18 15:33	6042.332582	Other	NA	Electronic	0.67996	0.68025

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	23-07-18	09:32-11:30			0.68056	23-07-18 09:37	604.2332582	Other	NA	Electronic	0.68056	0.68085
NZDUSD	23-07-18	11:30-11:32	0.68079	1208.466516								
NZDUSD	23-07-18	13:30-13:32	0.67982	25377.79684								
NZDUSD	23-07-18	15:30-15:32	0.67799	36253.99549								
NZDUSD	24-07-18	09:30-09:32	0.67885	1812.699775								
NZDUSD	24-07-18	11:30-11:32	0.68043	604.2332582								
NZDUSD	24-07-18	13:30-13:32	0.68012	1208.466516								
NZDUSD	24-07-18	15:30-15:32	0.68032	2416.933033								
NZDUSD	25-07-18	09:30-09:32	0.68146	6042.332582								
NZDUSD	25-07-18	11:30-11:32	0.68095	62236.0256								
NZDUSD	25-07-18	13:30-13:32	0.68142	3021.166291								
NZDUSD	25-07-18	15:32-17:30			0.68016	25-07-18 15:32	30211.66291	Other	NA	Electronic	0.68016	0.68046
NZDUSD	26-07-18	09:32-11:30			0.68195	26-07-18 09:33	42296.32807	Other	NA	Electronic	0.68198	0.68225
NZDUSD	26-07-18	11:30-11:32	0.68167	2416.933033								
NZDUSD	26-07-18	13:30-13:32	0.68023	70695.29121								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	26-07-18	15:32-17:30			0.67966	26-07-18 15:38	120846.6516	Other	NA	Electronic	0.67936	0.67966
NZDUSD	27-07-18	09:32-11:30			0.67703	27-07-18 09:35	181269.9775	Other	NA	Electronic	0.67674	0.67703
NZDUSD	27-07-18	11:32-13:30			0.67667	27-07-18 11:36	604.2332582	Other	NA	Electronic	0.67667	0.67697
NZDUSD	27-07-18	13:30-13:32	0.67846	9063.498873								
NZDUSD	27-07-18	15:30-15:32	0.67938	604.2332582								
NZDUSD	30-07-18	09:30-09:32	0.68028	604.2332582								
NZDUSD	30-07-18	11:32-13:30			0.68088	30-07-18 11:37	9063.498873	Other	NA	Electronic	0.68058	0.68088
NZDUSD	30-07-18	13:32-15:30			0.68119	30-07-18 13:32	6042.332582	Other	NA	Electronic	0.68119	0.68149
NZDUSD	30-07-18	15:30-15:32	0.6832	1208.466516								
NZDUSD	31-07-18	09:32-11:30			0.68165	31-07-18 09:39	604.2332582	Other	NA	Electronic	0.68165	0.68194
NZDUSD	31-07-18	11:30-11:32	0.68195	16314.29797								
NZDUSD	31-07-18	13:30-13:32	0.68107	1208.466516								
NZDUSD	31-07-18	15:32-17:30			0.68104	31-07-18 15:32	1812.699775	Other	NA	Electronic	0.68074	0.68104
NZDUSD	01-08-18	09:30-09:32	0.67991	87613.82244								
NZDUSD	01-08-18	11:30-11:32	0.68084	4833.866066								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	01-08-18	13:32-15:30			0.68063	01-08-18 13:38	2416.933033	Other	NA	Electronic	0.68034	0.68063
NZDUSD	01-08-18	15:32-17:30			0.67956	01-08-18 15:35	3021.166291	Other	NA	Electronic	0.67927	0.67956
NZDUSD	02-08-18	09:32-11:30			0.67568	02-08-18 09:32	1812.699775	Other	NA	Electronic	0.67539	0.67568
NZDUSD	02-08-18	11:32-13:30			0.6759	02-08-18 11:33	1208.466516	Other	NA	Electronic	0.6756	0.6759
NZDUSD	02-08-18	13:32-15:30			0.67569	02-08-18 13:32	6042.332582	Other	NA	Electronic	0.67569	0.67598
NZDUSD	02-08-18	15:30-15:32	0.67532	6042.332582								
NZDUSD	03-08-18	09:32-11:30			0.67316	03-08-18 09:32	604.2332582	Other	NA	Electronic	0.67316	0.67346
NZDUSD	03-08-18	11:30-11:32	0.67599	64048.72537								
NZDUSD	03-08-18	13:32-15:30			0.67349	03-08-18 13:32	12084.66516	Other	NA	Electronic	0.6735	0.67379
NZDUSD	03-08-18	15:30-15:32	0.67608	604.2332582								
NZDUSD	06-08-18	09:32-11:30			0.67425	06-08-18 09:40	90634.98873	Other	NA	Electronic	0.67396	0.67425
NZDUSD	06-08-18	11:30-11:32	0.67264	9063.498873								
NZDUSD	06-08-18	13:30-13:32	0.67296	1208.466516								
NZDUSD	06-08-18	15:32-17:30			0.67341	06-08-18 15:34	604.2332582	Other	NA	Electronic	0.67341	0.6737
NZDUSD	07-08-18	09:30-09:32	0.67473	3625.399549								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	07-08-18	11:32-13:30			0.67485	07-08-18 11:35	6042.332582	Other	NA	Electronic	0.67456	0.67485
NZDUSD	07-08-18	13:32-15:30			0.67433	07-08-18 13:39	604.2332582	Other	NA	Electronic	0.67408	0.67433
NZDUSD	07-08-18	15:32-17:30			0.67387	07-08-18 15:33	604.2332582	Other	NA	Electronic	0.67358	0.67387
NZDUSD	08-08-18	09:32-11:30			0.67433	08-08-18 09:45	3021.166291	Other	NA	Electronic	0.67404	0.67433
NZDUSD	08-08-18	11:32-13:30			0.67385	08-08-18 11:54	604.2332582	Other	NA	Electronic	0.67356	0.67385
NZDUSD	08-08-18	13:32-15:30			0.67384	08-08-18 13:35	604.2332582	Other	NA	Electronic	0.67384	0.67412
NZDUSD	08-08-18	15:32-17:30			0.67421	08-08-18 15:38	604.2332582	Other	NA	Electronic	0.67421	0.67455
NZDUSD	09-08-18	09:30-09:32	0.66527	33232.8292								
NZDUSD	09-08-18	11:32-13:30			0.66539	09-08-18 11:36	3021.166291	Other	NA	Electronic	0.6651	0.66539
NZDUSD	09-08-18	13:30-13:32	0.66429	2416.933033								
NZDUSD	09-08-18	15:30-15:32	0.66285	21752.3973								
NZDUSD	10-08-18	09:30-09:32	0.65949	1208.466516								
NZDUSD	10-08-18	11:32-13:30			0.6596	10-08-18 11:32	604.2332582	Other	NA	Electronic	0.6596	0.6599
NZDUSD	10-08-18	13:30-13:32	0.66028	604.2332582								
NZDUSD	10-08-18	15:30-15:32	0.66087	604.2332582								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	13-08-18	09:30-09:32	0.65808	6042.332582								
NZDUSD	13-08-18	11:30-11:32	0.65726	1208.466516								
NZDUSD	13-08-18	13:30-13:32	0.65869	73716.4575								
NZDUSD	13-08-18	15:30-15:32	0.65847	604.2332582								
NZDUSD	14-08-18	09:32-11:30			0.65937	14-08-18 09:35	604.2332582	Other	NA	Electronic	0.6591	0.65937
NZDUSD	14-08-18	11:30-11:32	0.65955	6042.332582								
NZDUSD	14-08-18	13:30-13:32	0.66005	604.2332582								
NZDUSD	14-08-18	15:30-15:32	0.65891	3021.166291								
NZDUSD	15-08-18	09:32-11:30			0.65503	15-08-18 09:32	6042.332582	Other	NA	Electronic	0.65503	0.6553
NZDUSD	15-08-18	11:30-11:32	0.65501	12084.66516								
NZDUSD	15-08-18	13:30-13:32	0.65608	1208.466516								
NZDUSD	15-08-18	15:32-17:30			0.65502	15-08-18 15:33	604.2332582	Other	NA	Electronic	0.65473	0.65502
NZDUSD	16-08-18	09:30-09:32	0.65783	6646.56584								
NZDUSD	16-08-18	11:32-13:30			0.65827	16-08-18 11:44	1812.699775	Other	NA	Electronic	0.65827	0.65853
NZDUSD	16-08-18	13:32-15:30			0.6599	16-08-18 13:33	6042.332582	Other	NA	Electronic	0.65963	0.6599

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	16-08-18	15:32-17:30			0.65975	16-08-18 15:33	604.2332582	Other	NA	Electronic	0.65975	0.66004
NZDUSD	17-08-18	09:32-11:30			0.66014	17-08-18 09:32	604.2332582	Other	NA	Electronic	0.65987	0.66014
NZDUSD	17-08-18	11:32-13:30			0.66061	17-08-18 11:39	1208.466516	Other	NA	Electronic	0.66034	0.66061
NZDUSD	17-08-18	13:32-15:30			0.66056	17-08-18 13:41	2416.933033	Other	NA	Electronic	0.66056	0.66085
NZDUSD	17-08-18	15:32-17:30			0.66124	17-08-18 15:34	3021.166291	Other	NA	Electronic	0.66096	0.66124
NZDUSD	20-08-18	09:32-11:30			0.66208	20-08-18 09:33	12084.66516	Other	NA	Electronic	0.66178	0.66208
NZDUSD	20-08-18	11:32-13:30			0.66167	20-08-18 11:34	12084.66516	Other	NA	Electronic	0.66167	0.66195
NZDUSD	20-08-18	13:30-13:32	0.66262	3625.399549								
NZDUSD	20-08-18	15:32-17:30			0.66166	20-08-18 16:00	1208.466516	Other	NA	Electronic	0.66166	0.66195
NZDUSD	21-08-18	09:30-09:32	0.66645	604.2332582								
NZDUSD	21-08-18	11:30-11:32	0.66687	604.2332582								
NZDUSD	21-08-18	13:30-13:32	0.66688	604.2332582								
NZDUSD	21-08-18	15:30-15:32	0.66764	604.2332582								
NZDUSD	22-08-18	09:30-09:32	0.66944	12084.66516								
NZDUSD	22-08-18	11:32-13:30			0.67035	22-08-18 11:34	6042.332582	Other	NA	Electronic	0.67035	0.67064

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	22-08-18	13:32-15:30			0.67044	22-08-18 13:32	604.2332582	Other	NA	Electronic	0.67017	0.67044
NZDUSD	22-08-18	15:32-17:30			0.66974	22-08-18 15:34	604.2332582	Other	NA	Electronic	0.66945	0.66974
NZDUSD	23-08-18	09:30-09:32	0.66677	604.2332582								
NZDUSD	23-08-18	11:32-13:30			0.66779	23-08-18 11:37	1208.466516	Other	NA	Electronic	0.66751	0.66779
NZDUSD	23-08-18	13:30-13:32	0.66649	604.2332582								
NZDUSD	23-08-18	15:32-17:30			0.66565	23-08-18 15:33	604.2332582	Other	NA	Electronic	0.66537	0.66565
NZDUSD	24-08-18	09:32-11:30			0.66422	24-08-18 09:35	604.2332582	Other	NA	Electronic	0.66395	0.66423
NZDUSD	24-08-18	11:32-13:30			0.66673	24-08-18 11:32	106949.2867	Other	NA	Electronic	0.66645	0.66673
NZDUSD	24-08-18	13:30-13:32	0.6666	1812.699775								
NZDUSD	24-08-18	15:30-15:32	0.66879	1208.466516								
NZDUSD	27-08-18	09:32-11:30			0.66718	27-08-18 09:32	3021.166291	Other	NA	Electronic	0.66689	0.66718
NZDUSD	27-08-18	11:32-13:30			0.66775	27-08-18 11:33	604.2332582	Other	NA	Electronic	0.66747	0.66775
NZDUSD	27-08-18	13:32-15:30			0.66839	27-08-18 13:36	604.2332582	Other	NA	Electronic	0.66839	0.66868
NZDUSD	27-08-18	15:30-15:32	0.6696	2416.933033								
NZDUSD	28-08-18	09:30-09:32	0.67073	181269.9775								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	28-08-18	11:32-13:30			0.67107	28-08-18 11:45	1208.466516	Other	NA	Electronic	0.67078	0.67107
NZDUSD	28-08-18	13:32-15:30			0.67192	28-08-18 13:40	1812.699775	Other	NA	Electronic	0.67165	0.67192
NZDUSD	28-08-18	15:30-15:32	0.67158	604.2332582								
NZDUSD	29-08-18	09:30-09:32	0.67083	604.2332582								
NZDUSD	29-08-18	11:30-11:32	0.67019	6042.332582								
NZDUSD	29-08-18	13:30-13:32	0.66985	604.2332582								
NZDUSD	29-08-18	15:30-15:32	0.67017	1812.699775								
NZDUSD	30-08-18	09:32-11:30			0.66601	30-08-18 09:38	604.2332582	Other	NA	Electronic	0.66601	0.66631
NZDUSD	30-08-18	11:30-11:32	0.66636	604.2332582								
NZDUSD	30-08-18	13:30-13:32	0.66509	604.2332582								
NZDUSD	30-08-18	15:32-17:30			0.66461	30-08-18 15:32	604.2332582	Other	NA	Electronic	0.66434	0.66461
NZDUSD	31-08-18	09:30-09:32	0.6637	1812.699775								
NZDUSD	31-08-18	11:32-13:30			0.66352	31-08-18 11:32	3021.166291	Other	NA	Electronic	0.66324	0.66352
NZDUSD	31-08-18	13:32-15:30			0.66302	31-08-18 13:33	1812.699775	Other	NA	Electronic	0.66302	0.66331
NZDUSD	31-08-18	15:30-15:32	0.66209	7855.032357								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD	03-09-18	09:32-11:30			0.66143	03-09-18 09:34	3021.166291	Other	NA	Electronic	0.66115	0.66143
NZDUSD	03-09-18	11:30-11:32	0.66092	1208.466516								
NZDUSD	03-09-18	13:32-15:30			0.6607	03-09-18 13:43	120846.6516	Other	NA	Electronic	0.66042	0.6607
NZDUSD	03-09-18	15:30-15:32	0.66092	604.2332582								
NZDUSD	04-09-18	09:30-09:32	0.65528	4833.866066								
NZDUSD	04-09-18	11:30-11:32	0.65501	1208.466516								
NZDUSD	04-09-18	13:30-13:32	0.65467	1208.466516								
NZDUSD	04-09-18	15:30-15:32	0.6546	604.2332582								
NZDUSD	05-09-18	09:30-09:32	0.65581	604.2332582								
NZDUSD	05-09-18	11:32-13:30			0.65624	05-09-18 11:34	3021.166291	Other	NA	Electronic	0.65624	0.65653
NZDUSD	05-09-18	13:30-13:32	0.65768	49547.12717								
NZDUSD	05-09-18	15:32-17:30			0.65798	05-09-18 15:37	604.2332582	Other	NA	Electronic	0.65798	0.65827
NZDUSD	06-09-18	09:30-09:32	0.66002	7250.799098								
NZDUSD	06-09-18	11:32-13:30			0.65968	06-09-18 11:43	3021.166291	Other	NA	Electronic	0.6594	0.65968
NZDUSD	06-09-18	13:30-13:32	0.65889	604.2332582								



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NZDUSD	06-09-18	15:32-17:30			0.65971	06-09-18 15:33	604.2332582	Other	NA	Electronic	0.65942	0.65972
NZDUSD	07-09-18	09:32-11:30			0.65796	07-09-18 09:34	6042.332582	Other	NA	Electronic	0.6577	0.65796
NZDUSD	07-09-18	11:32-13:30			0.65751	07-09-18 11:42	2416.933033	Other	NA	Electronic	0.65751	0.6578
NZDUSD	07-09-18	13:30-13:32	0.65584	12084.66516								
NZDUSD	07-09-18	15:30-15:32	0.65553	3021.166291								
NZDUSD	10-09-18	09:30-09:32	0.65363	1208.466516								
NZDUSD	10-09-18	11:30-11:32	0.65366	604.2332582								
NZDUSD	10-09-18	13:32-15:30			0.65412	10-09-18 13:32	12084.66516	Other	NA	Electronic	0.65412	0.65439
NZDUSD	10-09-18	15:32-17:30			0.65384	10-09-18 15:50	604.2332582	Other	NA	Electronic	0.65356	0.65385
NZDUSD	11-09-18	09:32-11:30			0.65216	11-09-18 09:40	604.2332582	Other	NA	Electronic	0.65216	0.65245
NZDUSD	11-09-18	11:32-13:30			0.6516	11-09-18 11:37	6042.332582	Other	NA	Electronic	0.65132	0.6516
NZDUSD	11-09-18	13:30-13:32	0.65026	1208.466516								
NZDUSD	11-09-18	15:32-17:30			0.65063	11-09-18 15:47	1812.699775	Other	NA	Electronic	0.65063	0.65092
NZDUSD	12-09-18	09:32-11:30			0.652	12-09-18 09:36	6042.332582	Other	NA	Electronic	0.652	0.65228
NZDUSD	12-09-18	11:32-13:30			0.65119	12-09-18 11:38	3021.166291	Other	NA	Electronic	0.65119	0.65146

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NZDUSD	12-09-18	13:32-15:30			0.65168	12-09-18 13:36	604.2332582	Other	NA	Electronic	0.65168	0.65197
NZDUSD	12-09-18	15:32-17:30			0.65598	12-09-18 15:33	604.2332582	Other	NA	Electronic	0.6557	0.65598
NZDUSD	13-09-18	09:30-09:32	0.65485	1812.699775								
NZDUSD	13-09-18	11:30-11:32	0.65521	604.2332582								
NZDUSD	13-09-18	13:32-15:30			0.65828	13-09-18 13:32	6042.332582	Other	NA	Electronic	0.65828	0.65856
NZDUSD	13-09-18	15:32-17:30			0.65612	13-09-18 15:38	604.2332582	Other	NA	Electronic	0.65583	0.65612
NZDUSD	14-09-18	09:30-09:32	0.65854	6042.332582								
NZDUSD	14-09-18	11:32-13:30			0.65772	14-09-18 11:32	1208.466516	Other	NA	Electronic	0.65772	0.658
NZDUSD	14-09-18	13:32-15:30			0.65706	14-09-18 13:33	604.2332582	Other	NA	Electronic	0.65679	0.65706
NZDUSD	14-09-18	15:32-17:30			0.65685	14-09-18 15:46	6042.332582	Other	NA	Electronic	0.65656	0.65685
NZDUSD	17-09-18	09:32-11:30			0.6569	17-09-18 09:35	2416.933033	Other	NA	Electronic	0.65661	0.6569
NZDUSD	17-09-18	11:32-13:30			0.65673	17-09-18 11:35	3021.166291	Other	NA	Electronic	0.65673	0.657
NZDUSD	17-09-18	13:30-13:32	0.65826	1208.466516								
NZDUSD	17-09-18	15:30-15:32	0.65798	11480.43191								
NZDUSD	18-09-18	09:30-09:32	0.65966	183686.9105								

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NZDUSD	18-09-18	11:30-11:32	0.65854	181269.9775								
NZDUSD	18-09-18	13:32-15:30			0.65933	18-09-18 13:33	3021.166291	Other	NA	Electronic	0.65906	0.65933
NZDUSD	18-09-18	15:32-17:30			0.65901	18-09-18 15:41	2416.933033	Other	NA	Electronic	0.65872	0.65901
NZDUSD	19-09-18	09:30-09:32	0.661	3021.166291								
NZDUSD	19-09-18	11:30-11:32	0.66017	4833.866066								
NZDUSD	19-09-18	13:30-13:32	0.66057	604.2332582								
NZDUSD	19-09-18	15:30-15:32	0.66135	1208.466516								
NZDUSD	20-09-18	09:32-11:30			0.66604	20-09-18 09:45	6042.332582	Other	NA	Electronic	0.66577	0.66604
NZDUSD	20-09-18	11:30-11:32	0.66694	7250.799098								
NZDUSD	20-09-18	13:30-13:32	0.66749	604.2332582								
NZDUSD	20-09-18	15:32-17:30			0.66736	20-09-18 15:36	59819.09256	Other	NA	Electronic	0.66736	0.66763
NZDUSD	21-09-18	09:32-11:30			0.66945	21-09-18 09:54	604.2332582	Other	NA	Electronic	0.66917	0.66945
NZDUSD	21-09-18	11:30-11:32	0.66842	1208.466516								
NZDUSD	21-09-18	13:32-15:30			0.66741	21-09-18 13:33	1208.466516	Other	NA	Electronic	0.66713	0.66741
NZDUSD	21-09-18	15:30-15:32	0.66788	1208.466516								

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NZDUSD	24-09-18	09:32-11:30			0.66663	24-09-18 09:44	604.2332582	Other	NA	Electronic	0.66633	0.66663
NZDUSD	24-09-18	11:32-13:30			0.66683	24-09-18 11:46	604.2332582	Other	NA	Electronic	0.66683	0.66711
NZDUSD	24-09-18	13:32-15:30			0.66706	24-09-18 13:35	604.2332582	Other	NA	Electronic	0.66677	0.66706
NZDUSD	24-09-18	15:30-15:32	0.66498	35045.52898								
NZDUSD	25-09-18	09:30-09:32	0.66446	18126.99775								
NZDUSD	25-09-18	11:30-11:32	0.66498	15105.83146								
NZDUSD	25-09-18	13:30-13:32	0.66558	73112.22424								
NZDUSD	25-09-18	15:32-17:30			0.66521	25-09-18 15:32	1208.466516	Other	NA	Electronic	0.66494	0.66521
NZDUSD	26-09-18	09:30-09:32	0.6654	604.2332582								
NZDUSD	26-09-18	11:30-11:32	0.66514	4833.866066								
NZDUSD	26-09-18	13:32-15:30			0.66454	26-09-18 13:48	3021.166291	Other	NA	Electronic	0.66454	0.66482
NZDUSD	26-09-18	15:30-15:32	0.66553	604.2332582								
NZDUSD	27-09-18	09:30-09:32	0.66409	1208.466516								
NZDUSD	27-09-18	11:30-11:32	0.66423	1208.466516								
NZDUSD	27-09-18	13:32-15:30			0.66335	27-09-18 13:34	12084.66516	Other	NA	Electronic	0.66309	0.66335

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NZDUSD	27-09-18	15:30-15:32	0.66261	604.2332582								
NZDUSD	28-09-18	09:30-09:32	0.6607	3625.399549								
NZDUSD	28-09-18	11:30-11:32	0.66136	15105.83146								
NZDUSD	28-09-18	13:30-13:32	0.66098	604.2332582								
NZDUSD	28-09-18	15:30-15:32	0.6633	5438.099324								
NZDUSD.	02-07-18	09:30-09:32	0.67491	604.2332582								
NZDUSD.	02-07-18	11:30-11:32	0.67251	25377.79684								
NZDUSD.	02-07-18	13:32-15:30			0.67062	02-07-18 13:33	3625.399549	Other	NA	Electronic	0.67062	0.6707
NZDUSD.	02-07-18	15:32-17:30			0.66991	02-07-18 15:48	604.2332582	Other	NA	Electronic	0.66983	0.66991
NZDUSD.	03-07-18	09:30-09:32	0.6738	61631.79234								
NZDUSD.	03-07-18	11:32-13:30			0.67377	03-07-18 11:37	604.2332582	Other	NA	Electronic	0.67369	0.67377
NZDUSD.	03-07-18	13:32-15:30			0.67355	03-07-18 13:32	60423.32582	Other	NA	Electronic	0.67347	0.67355
NZDUSD.	03-07-18	15:32-17:30			0.67511	03-07-18 15:35	604.2332582	Other	NA	Electronic	0.67511	0.67519
NZDUSD.	04-07-18	09:32-11:30			0.67696	04-07-18 09:45	604.2332582	Other	NA	Electronic	0.67696	0.67705
NZDUSD.	04-07-18	11:32-13:30			0.67665	04-07-18 13:03	3021.166291	Other	NA	Electronic	0.67665	0.67676

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NZDUSD.	04-07-18	13:32-15:30			0.67576	04-07-18 13:49	604.2332582	Other	NA	Electronic	0.67576	0.67585
NZDUSD.	04-07-18	15:32-17:30			0.67638	04-07-18 15:39	181269.9775	Other	NA	Electronic	0.67627	0.67638
NZDUSD.	05-07-18	09:32-11:30			0.67814	05-07-18 09:32	60423.32582	Other	NA	Electronic	0.67814	0.67822
NZDUSD.	05-07-18	11:32-13:30			0.67832	05-07-18 11:33	1812.699775	Other	NA	Electronic	0.67824	0.67832
NZDUSD.	05-07-18	13:32-15:30			0.67906	05-07-18 13:42	151058.3146	Other	NA	Electronic	0.67897	0.67906
NZDUSD.	05-07-18	15:32-17:30			0.67901	05-07-18 15:32	604.2332582	Other	NA	Electronic	0.67901	0.67907
NZDUSD.	06-07-18	09:32-11:30			0.68152	06-07-18 09:43	604.2332582	Other	NA	Electronic	0.68144	0.68152
NZDUSD.	06-07-18	11:30-11:32	0.68192	1208.466516								
NZDUSD.	06-07-18	13:32-15:30			0.68232	06-07-18 13:35	1812.699775	Other	NA	Electronic	0.68233	0.68241
NZDUSD.	06-07-18	15:30-15:32	0.68366	60423.32582								
NZDUSD.	09-07-18	09:32-11:30			0.68449	09-07-18 09:32	604.2332582	Other	NA	Electronic	0.68439	0.68449
NZDUSD.	09-07-18	11:32-13:30			0.68518	09-07-18 11:32	604.2332582	Other	NA	Electronic	0.68506	0.68512
NZDUSD.	09-07-18	13:32-15:30			0.68495	09-07-18 13:35	604.2332582	Other	NA	Electronic	0.68495	0.68503
NZDUSD.	09-07-18	15:30-15:32	0.68383	6042.332582								
NZDUSD.	10-07-18	09:32-11:30			0.68161	10-07-18 09:33	1208.466516	Other	NA	Electronic	0.68159	0.68168

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NZDUSD.	10-07-18	11:32-13:30			0.68103	10-07-18 11:47	15105.83146	Other	NA	Electronic	0.68103	0.68111
NZDUSD.	10-07-18	13:32-15:30			0.68214	10-07-18 13:48	6042.332582	Other	NA	Electronic	0.68214	0.68223
NZDUSD.	10-07-18	15:32-17:30			0.68393	10-07-18 15:43	604.2332582	Other	NA	Electronic	0.68383	0.68393
NZDUSD.	11-07-18	09:32-11:30			0.67951	11-07-18 09:32	18126.99775	Other	NA	Electronic	0.67951	0.6796
NZDUSD.	11-07-18	11:32-13:30			0.679	11-07-18 11:45	3021.166291	Other	NA	Electronic	0.679	0.67908
NZDUSD.	11-07-18	13:32-15:30			0.67964	11-07-18 13:32	604.2332582	Other	NA	Electronic	0.67954	0.67964
NZDUSD.	11-07-18	15:32-17:30			0.67834	11-07-18 15:36	604.2332582	Other	NA	Electronic	0.67826	0.67834
NZDUSD.	12-07-18	09:32-11:30			0.67606	12-07-18 10:14	6042.332582	Other	NA	Electronic	0.67606	0.67614
NZDUSD.	12-07-18	11:32-13:30			0.67626	12-07-18 12:03	12084.66516	Other	NA	Electronic	0.67618	0.67626
NZDUSD.	12-07-18	13:32-15:30			0.67743	12-07-18 13:35	3021.166291	Other	NA	Electronic	0.67734	0.67743
NZDUSD.	12-07-18	15:32-17:30			0.67765	12-07-18 15:37	604.2332582	Other	NA	Electronic	0.67764	0.67774
NZDUSD.	13-07-18	09:32-11:30			0.67377	13-07-18 09:41	12084.66516	Other	NA	Electronic	0.67369	0.67377
NZDUSD.	13-07-18	11:30-11:32	0.67281	63444.49211								
NZDUSD.	13-07-18	13:32-15:30			0.67372	13-07-18 13:39	604.2332582	Other	NA	Electronic	0.67372	0.6738
NZDUSD.	13-07-18	15:30-15:32	0.6762	604.2332582								

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NZDUSD.	16-07-18	09:32-11:30			0.67806	16-07-18 09:42	1812.699775	Other	NA	Electronic	0.67807	0.67815
NZDUSD.	16-07-18	11:32-13:30			0.67883	16-07-18 11:32	2416.933033	Other	NA	Electronic	0.67883	0.67891
NZDUSD.	16-07-18	13:30-13:32	0.67828	6042.332582								
NZDUSD.	16-07-18	15:30-15:32	0.67679	6042.332582								
NZDUSD.	17-07-18	09:32-11:30			0.68294	17-07-18 09:59	4229.632807	Other	NA	Electronic	0.68288	0.68294
NZDUSD.	17-07-18	11:32-13:30			0.68109	17-07-18 11:42	9063.498873	Other	NA	Electronic	0.68109	0.68117
NZDUSD.	17-07-18	13:30-13:32	0.67976	3625.399549								
NZDUSD.	17-07-18	15:32-17:30			0.67969	17-07-18 15:35	37462.46201	Other	NA	Electronic	0.67961	0.67969
NZDUSD.	18-07-18	09:32-11:30			0.67597	18-07-18 09:34	38066.69527	Other	NA	Electronic	0.6759	0.67597
NZDUSD.	18-07-18	11:32-13:30			0.67592	18-07-18 11:45	604.2332582	Other	NA	Electronic	0.67592	0.676
NZDUSD.	18-07-18	13:30-13:32	0.67744	7855.032357								
NZDUSD.	18-07-18	15:32-17:30			0.67884	18-07-18 15:37	6042.332582	Other	NA	Electronic	0.67875	0.67884
NZDUSD.	19-07-18	09:30-09:32	0.67359	30815.89617								
NZDUSD.	19-07-18	11:30-11:32	0.673	31420.12943								
NZDUSD.	19-07-18	13:32-15:30			0.67291	19-07-18 13:38	31420.12943	Other	NA	Electronic	0.67283	0.67291



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NZDUSD.	19-07-18	15:30-15:32	0.67154	63444.49211								
NZDUSD.	20-07-18	09:30-09:32	0.67651	3021.166291								
NZDUSD.	20-07-18	11:32-13:30			0.67614	20-07-18 11:32	604.2332582	Other	NA	Electronic	0.67606	0.67614
NZDUSD.	20-07-18	13:32-15:30			0.68024	20-07-18 13:45	9063.498873	Other	NA	Electronic	0.68024	0.68033
NZDUSD.	20-07-18	15:32-17:30			0.68012	20-07-18 15:43	604.2332582	Other	NA	Electronic	0.68003	0.68011
NZDUSD.	23-07-18	09:30-09:32	0.68074	6042.332582								
NZDUSD.	23-07-18	11:32-13:30			0.68114	23-07-18 11:38	604.2332582	Other	NA	Electronic	0.68114	0.68122
NZDUSD.	23-07-18	13:32-15:30			0.6787	23-07-18 13:48	3021.166291	Other	NA	Electronic	0.67862	0.6787
NZDUSD.	23-07-18	15:30-15:32	0.67819	604.2332582								
NZDUSD.	24-07-18	09:32-11:30			0.67884	24-07-18 09:45	3021.166291	Other	NA	Electronic	0.67876	0.67884
NZDUSD.	24-07-18	11:32-13:30			0.68105	24-07-18 11:56	604.2332582	Other	NA	Electronic	0.68096	0.68105
NZDUSD.	24-07-18	13:32-15:30			0.68091	24-07-18 13:54	3021.166291	Other	NA	Electronic	0.68091	0.68099
NZDUSD.	24-07-18	15:32-17:30			0.68051	24-07-18 15:44	6042.332582	Other	NA	Electronic	0.68043	0.68051
NZDUSD.	25-07-18	09:30-09:32	0.68148	3021.166291								
NZDUSD.	25-07-18	11:32-13:30			0.68031	25-07-18 12:31	3021.166291	Other	NA	Electronic	0.68021	0.68031

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSD.	25-07-18	13:32-15:30			0.68151	25-07-18 13:32	3021.166291	Other	NA	Electronic	0.68142	0.6815
NZDUSD.	25-07-18	15:32-17:30			0.68085	25-07-18 15:46	3021.166291	Other	NA	Electronic	0.68077	0.68085
NZDUSD.	26-07-18	09:32-11:30			0.68195	26-07-18 09:38	604.2332582	Other	NA	Electronic	0.68196	0.68203
NZDUSD.	26-07-18	11:32-13:30			0.68181	26-07-18 11:40	604.2332582	Other	NA	Electronic	0.68172	0.68179
NZDUSD.	26-07-18	13:32-15:30			0.68035	26-07-18 13:33	604.2332582	Other	NA	Electronic	0.68026	0.68035
NZDUSD.	26-07-18	15:32-17:30			0.67923	26-07-18 16:20	9667.732131	Other	NA	Electronic	0.67915	0.67923
NZDUSD.	27-07-18	09:32-11:30			0.67633	27-07-18 09:44	604.2332582	Other	NA	Electronic	0.67624	0.67633
NZDUSD.	27-07-18	11:32-13:30			0.67693	27-07-18 11:34	21148.16404	Other	NA	Electronic	0.67684	0.67693
NZDUSD.	27-07-18	13:32-15:30			0.67927	27-07-18 13:59	604.2332582	Other	NA	Electronic	0.67916	0.67927
NZDUSD.	27-07-18	15:32-17:30			0.68002	27-07-18 15:52	3021.166291	Other	NA	Electronic	0.67993	0.68002
NZDUSD.	30-07-18	09:30-09:32	0.6805	18126.99775								
NZDUSD.	30-07-18	11:32-13:30			0.68149	30-07-18 13:00	604.2332582	Other	NA	Electronic	0.68139	0.68148
NZDUSD.	30-07-18	13:32-15:30			0.68151	30-07-18 13:36	15105.83146	Other	NA	Electronic	0.68151	0.6816
NZDUSD.	30-07-18	15:30-15:32	0.6833	604.2332582								
NZDUSD.	31-07-18	09:32-11:30			0.68164	31-07-18 10:19	3021.166291	Other	NA	Electronic	0.68153	0.68164

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NZDUSD.	31-07-18	11:32-13:30			0.68165	31-07-18 11:42	3021.166291	Other	NA	Electronic	0.68165	0.68175
NZDUSD.	31-07-18	13:32-15:30			0.68127	31-07-18 13:43	604.2332582	Other	NA	Electronic	0.68127	0.68135
NZDUSD.	31-07-18	15:30-15:32	0.68096	1208.466516								
NZDUSD.	01-08-18	09:30-09:32	0.6799	13897.36494								
NZDUSD.	01-08-18	11:32-13:30			0.68091	01-08-18 11:35	604.2332582	Other	NA	Electronic	0.68091	0.68097
NZDUSD.	01-08-18	13:32-15:30			0.67995	01-08-18 14:01	12688.89842	Other	NA	Electronic	0.67995	0.68003
NZDUSD.	01-08-18	15:32-17:30			0.67888	01-08-18 16:11	1208.466516	Other	NA	Electronic	0.67728	0.67735
NZDUSD.	02-08-18	09:30-09:32	0.67567	604.2332582								
NZDUSD.	02-08-18	11:32-13:30			0.67541	02-08-18 11:47	604.2332582	Other	NA	Electronic	0.67541	0.67549
NZDUSD.	02-08-18	13:32-15:30			0.6754	02-08-18 14:29	604.2332582	Other	NA	Electronic	0.6754	0.67548
NZDUSD.	02-08-18	15:32-17:30			0.6757	02-08-18 16:15	604.2332582	Other	NA	Electronic	0.6757	0.67578
NZDUSD.	03-08-18	09:32-11:30			0.67334	03-08-18 09:33	3021.166291	Other	NA	Electronic	0.67326	0.67334
NZDUSD.	03-08-18	11:30-11:32	0.67597	604.2332582								
NZDUSD.	03-08-18	13:32-15:30			0.67356	03-08-18 13:57	10876.19865	Other	NA	Electronic	0.67356	0.67363
NZDUSD.	03-08-18	15:32-17:30			0.67569	03-08-18 16:39	604.2332582	Other	NA	Electronic	0.67561	0.67569

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NZDUSD.	06-08-18	09:32-11:30			0.67369	06-08-18 10:39	604.2332582	Other	NA	Electronic	0.67361	0.67369
NZDUSD.	06-08-18	11:32-13:30			0.67289	06-08-18 11:52	3021.166291	Other	NA	Electronic	0.67282	0.67289
NZDUSD.	06-08-18	13:30-13:32	0.67297	1812.699775								
NZDUSD.	06-08-18	15:32-17:30			0.67366	06-08-18 15:36	604.2332582	Other	NA	Electronic	0.67358	0.67366
NZDUSD.	07-08-18	09:32-11:30			0.67479	07-08-18 09:32	604.2332582	Other	NA	Electronic	0.67479	0.67486
NZDUSD.	07-08-18	11:32-13:30			0.67492	07-08-18 12:55	12084.66516	Other	NA	Electronic	0.67483	0.67492
NZDUSD.	07-08-18	13:30-13:32	0.67421	604.2332582								
NZDUSD.	07-08-18	15:32-17:30			0.6734	07-08-18 17:12	9063.498873	Other	NA	Electronic	0.6734	0.67349
NZDUSD.	08-08-18	09:30-09:32	0.6742	7250.799098								
NZDUSD.	08-08-18	11:32-13:30			0.6735	08-08-18 11:57	1208.466516	Other	NA	Electronic	0.67341	0.6735
NZDUSD.	08-08-18	13:32-15:30			0.67398	08-08-18 13:45	604.2332582	Other	NA	Electronic	0.67391	0.67398
NZDUSD.	08-08-18	15:32-17:30			0.67429	08-08-18 16:34	3021.166291	Other	NA	Electronic	0.6742	0.67429
NZDUSD.	09-08-18	09:32-11:30			0.66532	09-08-18 09:32	18126.99775	Other	NA	Electronic	0.66532	0.6654
NZDUSD.	09-08-18	11:32-13:30			0.66522	09-08-18 11:58	1208.466516	Other	NA	Electronic	0.66522	0.6653
NZDUSD.	09-08-18	13:30-13:32	0.66397	13897.36494								

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NZDUSD.	09-08-18	15:32-17:30			0.66254	09-08-18 15:37	2416.933033	Other	NA	Electronic	0.66247	0.66254
NZDUSD.	10-08-18	09:32-11:30			0.65909	10-08-18 09:43	1812.699775	Other	NA	Electronic	0.65909	0.65916
NZDUSD.	10-08-18	11:30-11:32	0.65992	3021.166291								
NZDUSD.	10-08-18	13:30-13:32	0.66001	12084.66516								
NZDUSD.	10-08-18	15:32-17:30			0.66084	10-08-18 15:34	3021.166291	Other	NA	Electronic	0.66078	0.66084
NZDUSD.	13-08-18	09:32-11:30			0.6575	13-08-18 10:28	604.2332582	Other	NA	Electronic	0.6575	0.65758
NZDUSD.	13-08-18	11:32-13:30			0.65724	13-08-18 11:32	12084.66516	Other	NA	Electronic	0.65718	0.65724
NZDUSD.	13-08-18	13:32-15:30			0.65895	13-08-18 13:40	604.2332582	Other	NA	Electronic	0.65895	0.65903
NZDUSD.	13-08-18	15:32-17:30			0.65805	13-08-18 16:02	1812.699775	Other	NA	Electronic	0.65805	0.65812
NZDUSD.	14-08-18	09:32-11:30			0.65973	14-08-18 09:49	1812.699775	Other	NA	Electronic	0.65966	0.65973
NZDUSD.	14-08-18	11:32-13:30			0.66056	14-08-18 12:29	604.2332582	Other	NA	Electronic	0.66049	0.66056
NZDUSD.	14-08-18	13:32-15:30			0.66005	14-08-18 13:55	3021.166291	Other	NA	Electronic	0.66005	0.66012
NZDUSD.	14-08-18	15:32-17:30			0.65852	14-08-18 15:32	1208.466516	Other	NA	Electronic	0.65851	0.65861
NZDUSD.	15-08-18	09:32-11:30			0.65514	15-08-18 09:33	15105.83146	Other	NA	Electronic	0.65507	0.65514
NZDUSD.	15-08-18	11:32-13:30			0.65579	15-08-18 12:02	15105.83146	Other	NA	Electronic	0.65579	0.65586

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NZDUSD.	15-08-18	13:30-13:32	0.65617	604.2332582								
NZDUSD.	15-08-18	15:32-17:30			0.65634	15-08-18 16:50	3021.166291	Other	NA	Electronic	0.65634	0.65642
NZDUSD.	16-08-18	09:32-11:30			0.65888	16-08-18 10:09	3021.166291	Other	NA	Electronic	0.65881	0.65888
NZDUSD.	16-08-18	11:32-13:30			0.6596	16-08-18 12:41	3021.166291	Other	NA	Electronic	0.65954	0.6596
NZDUSD.	16-08-18	13:32-15:30			0.65989	16-08-18 13:35	6042.332582	Other	NA	Electronic	0.65989	0.65996
NZDUSD.	16-08-18	15:32-17:30			0.65963	16-08-18 15:50	3021.166291	Other	NA	Electronic	0.65955	0.65963
NZDUSD.	17-08-18	09:32-11:30			0.65935	17-08-18 10:08	6646.56584	Other	NA	Electronic	0.65935	0.65941
NZDUSD.	17-08-18	11:32-13:30			0.66113	17-08-18 13:05	604.2332582	Other	NA	Electronic	0.66105	0.66113
NZDUSD.	17-08-18	13:32-15:30			0.66094	17-08-18 13:59	1208.466516	Other	NA	Electronic	0.66094	0.66105
NZDUSD.	17-08-18	15:32-17:30			0.66134	17-08-18 16:17	2416.933033	Other	NA	Electronic	0.66134	0.66142
NZDUSD.	20-08-18	09:32-11:30			0.66194	20-08-18 11:07	1208.466516	Other	NA	Electronic	0.66187	0.66194
NZDUSD.	20-08-18	11:32-13:30			0.66183	20-08-18 12:12	604.2332582	Other	NA	Electronic	0.66176	0.66183
NZDUSD.	20-08-18	13:32-15:30			0.662	20-08-18 14:17	1812.699775	Other	NA	Electronic	0.66193	0.662
NZDUSD.	20-08-18	15:32-17:30			0.66278	20-08-18 16:18	3021.166291	Other	NA	Electronic	0.6627	0.66278
NZDUSD.	21-08-18	09:32-11:30			0.66662	21-08-18 10:05	3021.166291	Other	NA	Electronic	0.66655	0.66662

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NZDUSD.	21-08-18	11:32-13:30			0.6663	21-08-18 11:56	604.2332582	Other	NA	Electronic	0.6663	0.66638
NZDUSD.	21-08-18	13:32-15:30			0.66714	21-08-18 14:02	9063.498873	Other	NA	Electronic	0.66707	0.66714
NZDUSD.	21-08-18	15:32-17:30			0.66765	21-08-18 15:45	9063.498873	Other	NA	Electronic	0.66765	0.66772
NZDUSD.	22-08-18	09:32-11:30			0.66975	22-08-18 10:16	604.2332582	Other	NA	Electronic	0.66968	0.66975
NZDUSD.	22-08-18	11:30-11:32	0.67042	604.2332582								
NZDUSD.	22-08-18	13:32-15:30			0.6695	22-08-18 13:54	604.2332582	Other	NA	Electronic	0.6695	0.66958
NZDUSD.	22-08-18	15:32-17:30			0.66962	22-08-18 16:31	3021.166291	Other	NA	Electronic	0.66962	0.66969
NZDUSD.	23-08-18	09:30-09:32	0.6669	10876.19865								
NZDUSD.	23-08-18	11:32-13:30			0.66725	23-08-18 11:58	61027.55908	Other	NA	Electronic	0.66718	0.66725
NZDUSD.	23-08-18	13:32-15:30			0.66646	23-08-18 13:56	1208.466516	Other	NA	Electronic	0.66646	0.66655
NZDUSD.	23-08-18	15:32-17:30			0.66514	23-08-18 15:40	3021.166291	Other	NA	Electronic	0.66514	0.66522
NZDUSD.	24-08-18	09:32-11:30			0.6648	24-08-18 10:02	604.2332582	Other	NA	Electronic	0.66473	0.6648
NZDUSD.	24-08-18	11:32-13:30			0.6669	24-08-18 11:39	604.2332582	Other	NA	Electronic	0.6669	0.66698
NZDUSD.	24-08-18	13:32-15:30			0.66759	24-08-18 14:01	1812.699775	Other	NA	Electronic	0.66759	0.66768
NZDUSD.	24-08-18	15:32-17:30			0.66947	24-08-18 16:05	1208.466516	Other	NA	Electronic	0.6694	0.66947

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NZDUSD.	27-08-18	09:32-11:30			0.66756	27-08-18 10:07	604.2332582	Other	NA	Electronic	0.6675	0.66756
NZDUSD.	27-08-18	11:32-13:30			0.66847	27-08-18 12:20	1208.466516	Other	NA	Electronic	0.66837	0.66847
NZDUSD.	27-08-18	13:32-15:30			0.66844	27-08-18 14:03	13293.13168	Other	NA	Electronic	0.66844	0.66851
NZDUSD.	27-08-18	15:30-15:32	0.6694	604.2332582								
NZDUSD.	28-08-18	09:30-09:32	0.67069	1208.466516								
NZDUSD.	28-08-18	11:32-13:30			0.67075	28-08-18 11:40	6042.332582	Other	NA	Electronic	0.67068	0.67075
NZDUSD.	28-08-18	13:32-15:30			0.67188	28-08-18 14:01	3021.166291	Other	NA	Electronic	0.67188	0.67195
NZDUSD.	28-08-18	15:32-17:30			0.67204	28-08-18 16:07	1812.699775	Other	NA	Electronic	0.67204	0.67211
NZDUSD.	29-08-18	09:32-11:30			0.67109	29-08-18 09:38	3021.166291	Other	NA	Electronic	0.67103	0.67109
NZDUSD.	29-08-18	11:30-11:32	0.67	1208.466516								
NZDUSD.	29-08-18	13:32-15:30			0.66919	29-08-18 13:42	3021.166291	Other	NA	Electronic	0.66919	0.66926
NZDUSD.	29-08-18	15:32-17:30			0.67013	29-08-18 16:04	604.2332582	Other	NA	Electronic	0.67013	0.6702
NZDUSD.	30-08-18	09:32-11:30			0.66591	30-08-18 09:32	6042.332582	Other	NA	Electronic	0.66591	0.66598
NZDUSD.	30-08-18	11:32-13:30			0.66628	30-08-18 12:44	604.2332582	Other	NA	Electronic	0.66628	0.66636
NZDUSD.	30-08-18	13:32-15:30			0.66499	30-08-18 13:33	2416.933033	Other	NA	Electronic	0.6649	0.66499



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NZDUSD.	30-08-18	15:32-17:30			0.66418	30-08-18 15:38	3625.399549	Other	NA	Electronic	0.66418	0.66427
NZDUSD.	31-08-18	09:32-11:30			0.66421	31-08-18 09:33	6042.332582	Other	NA	Electronic	0.66413	0.66421
NZDUSD.	31-08-18	11:32-13:30			0.66301	31-08-18 11:52	6042.332582	Other	NA	Electronic	0.66301	0.6631
NZDUSD.	31-08-18	13:32-15:30			0.66303	31-08-18 14:04	604.2332582	Other	NA	Electronic	0.66304	0.66311
NZDUSD.	31-08-18	15:30-15:32	0.66186	17522.76449								
NZDUSD.	03-09-18	09:32-11:30			0.66072	03-09-18 09:57	9063.498873	Other	NA	Electronic	0.66072	0.6608
NZDUSD.	03-09-18	11:32-13:30			0.66055	03-09-18 12:07	1208.466516	Other	NA	Electronic	0.66055	0.66061
NZDUSD.	03-09-18	13:32-15:30			0.66051	03-09-18 13:54	5438.099324	Other	NA	Electronic	0.66044	0.66051
NZDUSD.	03-09-18	15:32-17:30			0.66064	03-09-18 15:33	12084.66516	Other	NA	Electronic	0.66064	0.66071
NZDUSD.	04-09-18	09:32-11:30			0.6545	04-09-18 10:00	604.2332582	Other	NA	Electronic	0.6545	0.65458
NZDUSD.	04-09-18	11:32-13:30			0.6553	04-09-18 11:38	604.2332582	Other	NA	Electronic	0.65522	0.6553
NZDUSD.	04-09-18	13:32-15:30			0.65531	04-09-18 13:58	12084.66516	Other	NA	Electronic	0.65523	0.65531
NZDUSD.	04-09-18	15:32-17:30			0.6547	04-09-18 16:00	604.2332582	Other	NA	Electronic	0.6547	0.65479
NZDUSD.	05-09-18	09:32-11:30			0.65563	05-09-18 09:37	604.2332582	Other	NA	Electronic	0.65563	0.65572
NZDUSD.	05-09-18	11:32-13:30			0.65643	05-09-18 11:32	604.2332582	Other	NA	Electronic	0.65636	0.65643

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NZDUSD.	05-09-18	13:30-13:32	0.65777	1208.466516								
NZDUSD.	05-09-18	15:32-17:30			0.65812	05-09-18 15:43	604.2332582	Other	NA	Electronic	0.65805	0.65812
NZDUSD.	06-09-18	09:32-11:30			0.65911	06-09-18 09:43	604.2332582	Other	NA	Electronic	0.65911	0.65918
NZDUSD.	06-09-18	11:32-13:30			0.65962	06-09-18 11:44	6042.332582	Other	NA	Electronic	0.65954	0.65962
NZDUSD.	06-09-18	13:32-15:30			0.66033	06-09-18 14:51	604.2332582	Other	NA	Electronic	0.66033	0.6604
NZDUSD.	06-09-18	15:30-15:32	0.65957	15710.06471								
NZDUSD.	07-09-18	09:32-11:30			0.65771	07-09-18 09:41	604.2332582	Other	NA	Electronic	0.65765	0.65771
NZDUSD.	07-09-18	11:32-13:30			0.6582	07-09-18 12:17	15710.06471	Other	NA	Electronic	0.6582	0.65828
NZDUSD.	07-09-18	13:32-15:30			0.65598	07-09-18 13:42	33232.8292	Other	NA	Electronic	0.65592	0.65598
NZDUSD.	07-09-18	15:30-15:32	0.6555	604.2332582								
NZDUSD.	10-09-18	09:30-09:32	0.65381	604.2332582								
NZDUSD.	10-09-18	11:32-13:30			0.65408	10-09-18 12:57	6042.332582	Other	NA	Electronic	0.65402	0.65408
NZDUSD.	10-09-18	13:32-15:30			0.65432	10-09-18 13:58	604.2332582	Other	NA	Electronic	0.65432	0.6544
NZDUSD.	10-09-18	15:32-17:30			0.65332	10-09-18 16:24	604.2332582	Other	NA	Electronic	0.65326	0.65332
NZDUSD.	11-09-18	09:32-11:30			0.65177	11-09-18 10:12	2416.933033	Other	NA	Electronic	0.65171	0.65177

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NZDUSD.	11-09-18	11:32-13:30			0.65157	11-09-18 11:51	6042.332582	Other	NA	Electronic	0.6515	0.65157
NZDUSD.	11-09-18	13:32-15:30			0.65045	11-09-18 13:47	1208.466516	Other	NA	Electronic	0.65039	0.65045
NZDUSD.	11-09-18	15:32-17:30			0.65143	11-09-18 16:44	12084.66516	Other	NA	Electronic	0.65137	0.65143
NZDUSD.	12-09-18	09:32-11:30			0.65156	12-09-18 11:01	604.2332582	Other	NA	Electronic	0.6515	0.65156
NZDUSD.	12-09-18	11:32-13:30			0.65174	12-09-18 12:15	604.2332582	Other	NA	Electronic	0.65174	0.65181
NZDUSD.	12-09-18	13:32-15:30			0.65406	12-09-18 14:49	3021.166291	Other	NA	Electronic	0.65406	0.65414
NZDUSD.	12-09-18	15:32-17:30			0.65545	12-09-18 15:50	6646.56584	Other	NA	Electronic	0.65539	0.65545
NZDUSD.	13-09-18	09:32-11:30			0.6548	13-09-18 09:32	604.2332582	Other	NA	Electronic	0.6548	0.65488
NZDUSD.	13-09-18	11:32-13:30			0.6565	13-09-18 12:30	6042.332582	Other	NA	Electronic	0.65637	0.6565
NZDUSD.	13-09-18	13:32-15:30			0.65839	13-09-18 13:54	1208.466516	Other	NA	Electronic	0.65839	0.65848
NZDUSD.	13-09-18	15:30-15:32	0.6561	3021.166291								
NZDUSD.	14-09-18	09:32-11:30			0.65829	14-09-18 10:24	604.2332582	Other	NA	Electronic	0.65822	0.65829
NZDUSD.	14-09-18	11:32-13:30			0.657	14-09-18 12:35	604.2332582	Other	NA	Electronic	0.657	0.65709
NZDUSD.	14-09-18	13:30-13:32	0.65679	3021.166291								
NZDUSD.	14-09-18	15:30-15:32	0.65649	3021.166291								

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NZDUSD.	17-09-18	09:32-11:30			0.65697	17-09-18 09:41	3021.166291	Other	NA	Electronic	0.65689	0.65697
NZDUSD.	17-09-18	11:32-13:30			0.6569	17-09-18 11:38	6042.332582	Other	NA	Electronic	0.65683	0.6569
NZDUSD.	17-09-18	13:32-15:30			0.65832	17-09-18 14:03	1812.699775	Other	NA	Electronic	0.65832	0.65839
NZDUSD.	17-09-18	15:32-17:30			0.65839	17-09-18 15:38	1208.466516	Other	NA	Electronic	0.65839	0.65846
NZDUSD.	18-09-18	09:32-11:30			0.65979	18-09-18 09:39	18126.99775	Other	NA	Electronic	0.65972	0.65979
NZDUSD.	18-09-18	11:32-13:30			0.65902	18-09-18 12:12	604.2332582	Other	NA	Electronic	0.65897	0.65903
NZDUSD.	18-09-18	13:32-15:30			0.65917	18-09-18 13:43	1208.466516	Other	NA	Electronic	0.65911	0.65918
NZDUSD.	18-09-18	15:32-17:30			0.65855	18-09-18 15:36	4833.866066	Other	NA	Electronic	0.65855	0.65861
NZDUSD.	19-09-18	09:32-11:30			0.66152	19-09-18 10:34	604.2332582	Other	NA	Electronic	0.66145	0.66152
NZDUSD.	19-09-18	11:30-11:32	0.6603	1208.466516								
NZDUSD.	19-09-18	13:32-15:30			0.65972	19-09-18 14:10	604.2332582	Other	NA	Electronic	0.65965	0.65972
NZDUSD.	19-09-18	15:32-17:30			0.66171	19-09-18 15:35	6042.332582	Other	NA	Electronic	0.66164	0.66172
NZDUSD.	20-09-18	09:32-11:30			0.66594	20-09-18 09:39	604.2332582	Other	NA	Electronic	0.66594	0.66603
NZDUSD.	20-09-18	11:32-13:30			0.66677	20-09-18 11:32	12084.66516	Other	NA	Electronic	0.66677	0.66686
NZDUSD.	20-09-18	13:32-15:30			0.66736	20-09-18 13:51	604.2332582	Other	NA	Electronic	0.66736	0.66742

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NZDUSD.	20-09-18	15:32-17:30			0.66745	20-09-18 15:49	604.2332582	Other	NA	Electronic	0.66746	0.66752
NZDUSD.	21-09-18	09:32-11:30			0.66907	21-09-18 10:23	18126.99775	Other	NA	Electronic	0.669	0.66907
NZDUSD.	21-09-18	11:32-13:30			0.66802	21-09-18 12:06	2416.933033	Other	NA	Electronic	0.66794	0.66802
NZDUSD.	21-09-18	13:32-15:30			0.66741	21-09-18 14:01	18126.99775	Other	NA	Electronic	0.66741	0.66749
NZDUSD.	21-09-18	15:32-17:30			0.66776	21-09-18 15:37	6042.332582	Other	NA	Electronic	0.66776	0.66783
NZDUSD.	24-09-18	09:32-11:30			0.667	24-09-18 10:29	1812.699775	Other	NA	Electronic	0.667	0.66706
NZDUSD.	24-09-18	11:32-13:30			0.66716	24-09-18 11:34	3021.166291	Other	NA	Electronic	0.66716	0.66723
NZDUSD.	24-09-18	13:32-15:30			0.66699	24-09-18 13:36	3021.166291	Other	NA	Electronic	0.66699	0.66706
NZDUSD.	24-09-18	15:32-17:30			0.66446	24-09-18 15:37	3625.399549	Other	NA	Electronic	0.66446	0.66455
NZDUSD.	25-09-18	09:32-11:30			0.66449	25-09-18 09:51	3021.166291	Other	NA	Electronic	0.66449	0.66456
NZDUSD.	25-09-18	11:32-13:30			0.6652	25-09-18 11:38	604.2332582	Other	NA	Electronic	0.66513	0.6652
NZDUSD.	25-09-18	13:32-15:30			0.66575	25-09-18 13:41	24169.33033	Other	NA	Electronic	0.66568	0.66575
NZDUSD.	25-09-18	15:32-17:30			0.66493	25-09-18 15:43	604.2332582	Other	NA	Electronic	0.66485	0.66493
NZDUSD.	26-09-18	09:32-11:30			0.66532	26-09-18 10:04	604.2332582	Other	NA	Electronic	0.66532	0.6654
NZDUSD.	26-09-18	11:32-13:30			0.66439	26-09-18 12:42	6042.332582	Other	NA	Electronic	0.66433	0.66439

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NZDUSD.	26-09-18	13:32-15:30			0.66491	26-09-18 13:54	604.2332582	Other	NA	Electronic	0.66484	0.66491
NZDUSD.	26-09-18	15:32-17:30			0.66542	26-09-18 15:44	1208.466516	Other	NA	Electronic	0.66535	0.66542
NZDUSD.	27-09-18	09:32-11:30			0.66368	27-09-18 09:48	604.2332582	Other	NA	Electronic	0.66368	0.66377
NZDUSD.	27-09-18	11:32-13:30			0.66393	27-09-18 11:51	15105.83146	Other	NA	Electronic	0.66385	0.66393
NZDUSD.	27-09-18	13:32-15:30			0.66424	27-09-18 14:29	604.2332582	Other	NA	Electronic	0.66416	0.66424
NZDUSD.	27-09-18	15:32-17:30			0.6628	27-09-18 16:45	604.2332582	Other	NA	Electronic	0.66274	0.6628
NZDUSD.	28-09-18	09:32-11:30			0.66142	28-09-18 10:29	3021.166291	Other	NA	Electronic	0.66135	0.66142
NZDUSD.	28-09-18	11:32-13:30			0.66216	28-09-18 13:04	604.2332582	Other	NA	Electronic	0.66208	0.66216
NZDUSD.	28-09-18	13:32-15:30			0.66112	28-09-18 13:37	1812.699775	Other	NA	Electronic	0.66112	0.66119
NZDUSD.	28-09-18	15:32-17:30			0.66346	28-09-18 15:34	604.2332582	Other	NA	Electronic	0.66346	0.66353
NZDUSDmicro	02-07-18	09:32-11:30			0.67501	02-07-18 09:32	6.042332582	Other	NA	Electronic	0.67467	0.67501
NZDUSDmicro	02-07-18	11:30-11:32	0.67255	37867.29829								
NZDUSDmicro	02-07-18	13:30-13:32	0.67084	1262.84751								
NZDUSDmicro	02-07-18	15:30-15:32	0.66989	706.9529121								
NZDUSDmicro	03-07-18	09:30-09:32	0.67375	912.3922199								

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NZDUSDmicro	03-07-18	11:30-11:32	0.67348	30.21166291								
NZDUSDmicro	03-07-18	13:30-13:32	0.67333	604.2332582								
NZDUSDmicro	03-07-18	15:30-15:32	0.67525	6924.513139								
NZDUSDmicro	04-07-18	09:30-09:32	0.67636	1268.889842								
NZDUSDmicro	04-07-18	11:30-11:32	0.67605	60.42332582								
NZDUSDmicro	04-07-18	13:32-15:30			0.67605	04-07-18 13:36	1752.276449	Other	NA	Electronic	0.67571	0.67605
NZDUSDmicro	04-07-18	15:32-17:30			0.6765	04-07-18 15:37	1830.826772	Other	NA	Electronic	0.67614	0.6765
NZDUSDmicro	05-07-18	09:30-09:32	0.67813	241.6933033								
NZDUSDmicro	05-07-18	11:32-13:30			0.6784	05-07-18 11:36	181.2699775	Other	NA	Electronic	0.67806	0.6784
NZDUSDmicro	05-07-18	13:30-13:32	0.67807	193.3546426								
NZDUSDmicro	05-07-18	15:30-15:32	0.67899	30815.89617								
NZDUSDmicro	06-07-18	09:30-09:32	0.68193	151.0583146								
NZDUSDmicro	06-07-18	11:30-11:32	0.6821	604.2332582								
NZDUSDmicro	06-07-18	13:30-13:32	0.68243	326.2859594								
NZDUSDmicro	06-07-18	15:30-15:32	0.68342	622.360256								

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NZDUSDmicro	09-07-18	09:30-09:32	0.68447	18187.42107								
NZDUSDmicro	09-07-18	11:30-11:32	0.68477	181.2699775								
NZDUSDmicro	09-07-18	13:30-13:32	0.68487	1389.736494								
NZDUSDmicro	09-07-18	15:30-15:32	0.68362	604.2332582								
NZDUSDmicro	10-07-18	09:30-09:32	0.68174	676.7412492								
NZDUSDmicro	10-07-18	11:30-11:32	0.68126	362.5399549								
NZDUSDmicro	10-07-18	13:30-13:32	0.68263	2416.933033								
NZDUSDmicro	10-07-18	15:30-15:32	0.68338	72.50799098								
NZDUSDmicro	11-07-18	09:30-09:32	0.67964	3359.536916								
NZDUSDmicro	11-07-18	11:30-11:32	0.67932	302.1166291								
NZDUSDmicro	11-07-18	13:32-15:30			0.67967	11-07-18 13:32	6042.332582	Other	NA	Electronic	0.67936	0.67967
NZDUSDmicro	11-07-18	15:30-15:32	0.67838	942.6038828								
NZDUSDmicro	12-07-18	09:30-09:32	0.67628	1214.508849								
NZDUSDmicro	12-07-18	11:30-11:32	0.67534	48.33866066								
NZDUSDmicro	12-07-18	13:30-13:32	0.67717	604.2332582								



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NZDUSDmicro	12-07-18	15:30-15:32	0.67746	72.50799098								
NZDUSDmicro	13-07-18	09:30-09:32	0.67353	30435.22922								
NZDUSDmicro	13-07-18	11:30-11:32	0.67286	4145.040151								
NZDUSDmicro	13-07-18	13:32-15:30			0.67424	13-07-18 13:35	211.4816404	Other	NA	Electronic	0.67395	0.67425
NZDUSDmicro	13-07-18	15:30-15:32	0.67617	90.63498873								
NZDUSDmicro	16-07-18	09:30-09:32	0.67832	1371.609496								
NZDUSDmicro	16-07-18	11:32-13:30			0.67834	16-07-18 11:37	241.6933033	Other	NA	Electronic	0.67834	0.6786
NZDUSDmicro	16-07-18	13:32-15:30			0.67819	16-07-18 13:37	181.2699775	Other	NA	Electronic	0.67819	0.67848
NZDUSDmicro	16-07-18	15:30-15:32	0.67658	6102.755908								
NZDUSDmicro	17-07-18	09:30-09:32	0.68285	6.042332582								
NZDUSDmicro	17-07-18	11:30-11:32	0.68131	1486.413815								
NZDUSDmicro	17-07-18	13:30-13:32	0.67983	664.656584								
NZDUSDmicro	17-07-18	15:30-15:32	0.67965	906.3498873								
NZDUSDmicro	18-07-18	09:32-11:30			0.67606	18-07-18 09:32	30.21166291	Other	NA	Electronic	0.67606	0.67636
NZDUSDmicro	18-07-18	11:30-11:32	0.67601	1208.466516								

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NZDUSDmicro	18-07-18	13:30-13:32	0.6773	725.0799098								
NZDUSDmicro	18-07-18	15:32-17:30			0.67831	18-07-18 15:34	1812.699775	Other	NA	Electronic	0.67831	0.6786
NZDUSDmicro	19-07-18	09:30-09:32	0.67334	101178.8591								
NZDUSDmicro	19-07-18	11:30-11:32	0.67328	31021.33548								
NZDUSDmicro	19-07-18	13:30-13:32	0.67286	60.42332582								
NZDUSDmicro	19-07-18	15:30-15:32	0.67157	1160.127856								
NZDUSDmicro	20-07-18	09:30-09:32	0.6767	2090.647073								
NZDUSDmicro	20-07-18	11:30-11:32	0.67643	24169.33033								
NZDUSDmicro	20-07-18	13:30-13:32	0.67994	18.12699775								
NZDUSDmicro	20-07-18	15:30-15:32	0.67999	9818.790446								
NZDUSDmicro	23-07-18	09:32-11:30			0.68112	23-07-18 09:32	604.2332582	Other	NA	Electronic	0.68081	0.68112
NZDUSDmicro	23-07-18	11:32-13:30			0.68102	23-07-18 11:41	604.2332582	Other	NA	Electronic	0.68102	0.68131
NZDUSDmicro	23-07-18	13:30-13:32	0.67976	658.6142514								
NZDUSDmicro	23-07-18	15:30-15:32	0.67819	1969.800422								
NZDUSDmicro	24-07-18	09:30-09:32	0.67887	60.42332582								

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NZDUSDmicro	24-07-18	11:30-11:32	0.6805	5377.675998								
NZDUSDmicro	24-07-18	13:30-13:32	0.68008	6.042332582								
NZDUSDmicro	24-07-18	15:32-17:30			0.68039	24-07-18 15:36	604.2332582	Other	NA	Electronic	0.68039	0.68067
NZDUSDmicro	25-07-18	09:30-09:32	0.68146	670.6989166								
NZDUSDmicro	25-07-18	11:30-11:32	0.68096	398.7939504								
NZDUSDmicro	25-07-18	13:30-13:32	0.68164	1758.318781								
NZDUSDmicro	25-07-18	15:30-15:32	0.68057	906.3498873								
NZDUSDmicro	26-07-18	09:30-09:32	0.6826	60.42332582								
NZDUSDmicro	26-07-18	11:30-11:32	0.68169	1311.18617								
NZDUSDmicro	26-07-18	13:30-13:32	0.68026	700.9105795								
NZDUSDmicro	26-07-18	15:30-15:32	0.67954	4833.866066								
NZDUSDmicro	27-07-18	09:30-09:32	0.67703	1510.583146								
NZDUSDmicro	27-07-18	11:32-13:30			0.67695	27-07-18 11:32	604.2332582	Other	NA	Electronic	0.67665	0.67695
NZDUSDmicro	27-07-18	13:30-13:32	0.67838	2664.668669								
NZDUSDmicro	27-07-18	15:30-15:32	0.67961	2465.271693								

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NZDUSDmicro	30-07-18	09:30-09:32	0.68066	60.42332582								
NZDUSDmicro	30-07-18	11:32-13:30			0.68091	30-07-18 11:45	60.42332582	Other	NA	Electronic	0.68062	0.68091
NZDUSDmicro	30-07-18	13:32-15:30			0.68159	30-07-18 13:35	598.1909256	Other	NA	Electronic	0.68131	0.68159
NZDUSDmicro	30-07-18	15:30-15:32	0.68309	350.4552898								
NZDUSDmicro	31-07-18	09:32-11:30			0.68159	31-07-18 09:38	1510.583146	Other	NA	Electronic	0.68159	0.68188
NZDUSDmicro	31-07-18	11:32-13:30			0.68173	31-07-18 11:35	60.42332582	Other	NA	Electronic	0.68173	0.68203
NZDUSDmicro	31-07-18	13:30-13:32	0.68111	6646.56584								
NZDUSDmicro	31-07-18	15:30-15:32	0.68102	302.1166291								
NZDUSDmicro	01-08-18	09:32-11:30			0.67993	01-08-18 09:34	356.4976223	Other	NA	Electronic	0.67965	0.67993
NZDUSDmicro	01-08-18	11:30-11:32	0.68065	3202.436268								
NZDUSDmicro	01-08-18	13:32-15:30			0.68068	01-08-18 13:37	12084.66516	Other	NA	Electronic	0.68039	0.68068
NZDUSDmicro	01-08-18	15:30-15:32	0.67947	1208.466516								
NZDUSDmicro	02-08-18	09:30-09:32	0.67548	489.4289391								
NZDUSDmicro	02-08-18	11:32-13:30			0.67605	02-08-18 11:33	60.42332582	Other	NA	Electronic	0.6758	0.67607
NZDUSDmicro	02-08-18	13:32-15:30			0.67592	02-08-18 13:32	6.042332582	Other	NA	Electronic	0.67563	0.67592

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
NZDUSDmicro	02-08-18	15:32-17:30			0.67532	02-08-18 15:32	1202.424184	Other	NA	Electronic	0.67503	0.67532
NZDUSDmicro	03-08-18	09:32-11:30			0.67343	03-08-18 09:35	60.42332582	Other	NA	Electronic	0.67318	0.67344
NZDUSDmicro	03-08-18	11:30-11:32	0.67598	5129.940362								
NZDUSDmicro	03-08-18	13:32-15:30			0.67349	03-08-18 13:32	60.42332582	Other	NA	Electronic	0.6735	0.67379
NZDUSDmicro	03-08-18	15:30-15:32	0.67578	906.3498873								
NZDUSDmicro	06-08-18	09:32-11:30			0.67416	06-08-18 09:33	60.42332582	Other	NA	Electronic	0.67388	0.67416
NZDUSDmicro	06-08-18	11:30-11:32	0.67285	181.2699775								
NZDUSDmicro	06-08-18	13:30-13:32	0.67292	181.2699775								
NZDUSDmicro	06-08-18	15:30-15:32	0.67367	422.9632807								
NZDUSDmicro	07-08-18	09:30-09:32	0.67476	682.7835818								
NZDUSDmicro	07-08-18	11:32-13:30			0.67457	07-08-18 11:34	181.2699775	Other	NA	Electronic	0.67457	0.67486
NZDUSDmicro	07-08-18	13:30-13:32	0.67413	66.4656584								
NZDUSDmicro	07-08-18	15:32-17:30			0.67355	07-08-18 15:32	66.4656584	Other	NA	Electronic	0.67355	0.67384
NZDUSDmicro	08-08-18	09:32-11:30			0.6741	08-08-18 09:33	36.25399549	Other	NA	Electronic	0.67381	0.6741
NZDUSDmicro	08-08-18	11:32-13:30			0.67438	08-08-18 11:37	604.2332582	Other	NA	Electronic	0.67408	0.67438

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NZDUSDmicro	08-08-18	13:32-15:30			0.67385	08-08-18 13:35	7250.799098	Other	NA	Electronic	0.67385	0.67412
NZDUSDmicro	08-08-18	15:30-15:32	0.6742	6.042332582								
NZDUSDmicro	09-08-18	09:30-09:32	0.66527	12.08466516								
NZDUSDmicro	09-08-18	11:32-13:30			0.66508	09-08-18 11:32	30.21166291	Other	NA	Electronic	0.6648	0.66508
NZDUSDmicro	09-08-18	13:30-13:32	0.66404	18193.4634								
NZDUSDmicro	09-08-18	15:30-15:32	0.66281	338.3706246								
NZDUSDmicro	10-08-18	09:30-09:32	0.65948	4833.866066								
NZDUSDmicro	10-08-18	11:32-13:30			0.65971	10-08-18 11:33	362.5399549	Other	NA	Electronic	0.65971	0.66
NZDUSDmicro	10-08-18	13:32-15:30			0.66039	10-08-18 13:32	6042.332582	Other	NA	Electronic	0.6601	0.66039
NZDUSDmicro	10-08-18	15:30-15:32	0.66092	604.2332582								
NZDUSDmicro	13-08-18	09:30-09:32	0.65794	604.2332582								
NZDUSDmicro	13-08-18	11:32-13:30			0.65734	13-08-18 11:42	1208.466516	Other	NA	Electronic	0.65734	0.65764
NZDUSDmicro	13-08-18	13:30-13:32	0.65845	3021.166291								
NZDUSDmicro	13-08-18	15:32-17:30			0.65845	13-08-18 15:34	6.042332582	Other	NA	Electronic	0.65845	0.65874
NZDUSDmicro	14-08-18	09:32-11:30			0.6595	14-08-18 09:32	120.8466516	Other	NA	Electronic	0.65922	0.6595

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NZDUSDmicro	14-08-18	11:32-13:30			0.66019	14-08-18 12:08	1510.583146	Other	NA	Electronic	0.6599	0.66019
NZDUSDmicro	14-08-18	13:32-15:30			0.66016	14-08-18 13:35	1208.466516	Other	NA	Electronic	0.66016	0.66045
NZDUSDmicro	14-08-18	15:30-15:32	0.65901	12.08466516								
NZDUSDmicro	15-08-18	09:32-11:30			0.65574	15-08-18 09:42	9063.498873	Other	NA	Electronic	0.65546	0.65574
NZDUSDmicro	15-08-18	11:32-13:30			0.65457	15-08-18 11:32	712.9952447	Other	NA	Electronic	0.65457	0.65485
NZDUSDmicro	15-08-18	13:32-15:30			0.65615	15-08-18 13:32	6.042332582	Other	NA	Electronic	0.65588	0.65615
NZDUSDmicro	15-08-18	15:32-17:30			0.65487	15-08-18 15:33	30211.66291	Other	NA	Electronic	0.65487	0.65513
NZDUSDmicro	16-08-18	09:30-09:32	0.65776	12.08466516								
NZDUSDmicro	16-08-18	11:32-13:30			0.65861	16-08-18 11:34	604.2332582	Other	NA	Electronic	0.65861	0.65888
NZDUSDmicro	16-08-18	13:30-13:32	0.65989	314.2012943								
NZDUSDmicro	16-08-18	15:30-15:32	0.66006	12.08466516								
NZDUSDmicro	17-08-18	09:30-09:32	0.66028	18.12699775								
NZDUSDmicro	17-08-18	11:32-13:30			0.66056	17-08-18 11:32	60.42332582	Other	NA	Electronic	0.66028	0.66056
NZDUSDmicro	17-08-18	13:32-15:30			0.66112	17-08-18 13:36	604.2332582	Other	NA	Electronic	0.66084	0.66112
NZDUSDmicro	17-08-18	15:30-15:32	0.66093	7873.159354								

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NZDUSDmicro	20-08-18	09:30-09:32	0.66181	60.42332582								
NZDUSDmicro	20-08-18	11:32-13:30			0.66186	20-08-18 11:46	72.50799098	Other	NA	Electronic	0.66186	0.66214
NZDUSDmicro	20-08-18	13:32-15:30			0.66296	20-08-18 13:32	60.42332582	Other	NA	Electronic	0.66267	0.66296
NZDUSDmicro	20-08-18	15:32-17:30			0.66203	20-08-18 15:35	362.5399549	Other	NA	Electronic	0.66176	0.66203
NZDUSDmicro	21-08-18	09:32-11:30			0.66635	21-08-18 09:36	96.67732131	Other	NA	Electronic	0.66635	0.66663
NZDUSDmicro	21-08-18	11:32-13:30			0.66644	21-08-18 11:33	604.2332582	Other	NA	Electronic	0.66644	0.66671
NZDUSDmicro	21-08-18	13:30-13:32	0.66688	283.9896314								
NZDUSDmicro	21-08-18	15:32-17:30			0.66736	21-08-18 15:32	302.1166291	Other	NA	Electronic	0.66736	0.66765
NZDUSDmicro	22-08-18	09:32-11:30			0.66934	22-08-18 09:38	12.08466516	Other	NA	Electronic	0.66934	0.66962
NZDUSDmicro	22-08-18	11:32-13:30			0.67036	22-08-18 11:32	60.42332582	Other	NA	Electronic	0.67036	0.67064
NZDUSDmicro	22-08-18	13:32-15:30			0.66993	22-08-18 13:36	3021.166291	Other	NA	Electronic	0.66993	0.67022
NZDUSDmicro	22-08-18	15:30-15:32	0.66936	120.8466516								
NZDUSDmicro	23-08-18	09:32-11:30			0.66715	23-08-18 09:32	60.42332582	Other	NA	Electronic	0.66687	0.66715
NZDUSDmicro	23-08-18	11:32-13:30			0.66763	23-08-18 11:44	30.21166291	Other	NA	Electronic	0.66735	0.66763
NZDUSDmicro	23-08-18	13:30-13:32	0.66615	6.042332582								



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NZDUSDmicro	23-08-18	15:32-17:30			0.6656	23-08-18 15:34	1812.699775	Other	NA	Electronic	0.66533	0.6656
NZDUSDmicro	24-08-18	09:30-09:32	0.66378	3021.166291								
NZDUSDmicro	24-08-18	11:32-13:30			0.66654	24-08-18 11:33	6.042332582	Other	NA	Electronic	0.66654	0.66683
NZDUSDmicro	24-08-18	13:32-15:30			0.66644	24-08-18 13:37	6.042332582	Other	NA	Electronic	0.66644	0.66673
NZDUSDmicro	24-08-18	15:32-17:30			0.6688	24-08-18 15:34	18126.99775	Other	NA	Electronic	0.66879	0.66907
NZDUSDmicro	27-08-18	09:30-09:32	0.66699	604.2332582								
NZDUSDmicro	27-08-18	11:30-11:32	0.66777	1208.466516								
NZDUSDmicro	27-08-18	13:30-13:32	0.66853	1268.889842								
NZDUSDmicro	27-08-18	15:32-17:30			0.66929	27-08-18 15:32	1208.466516	Other	NA	Electronic	0.66929	0.66958
NZDUSDmicro	28-08-18	09:30-09:32	0.67059	2138.985734								
NZDUSDmicro	28-08-18	11:32-13:30			0.671	28-08-18 11:43	199.3969752	Other	NA	Electronic	0.67073	0.671
NZDUSDmicro	28-08-18	13:30-13:32	0.67165	422.9632807								
NZDUSDmicro	28-08-18	15:32-17:30			0.6709	28-08-18 15:33	60.42332582	Other	NA	Electronic	0.6709	0.67119
NZDUSDmicro	29-08-18	09:30-09:32	0.67111	978.8578783								
NZDUSDmicro	29-08-18	11:30-11:32	0.66995	12.08466516								

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NZDUSDmicro	29-08-18	13:30-13:32	0.66963	1274.932175								
NZDUSDmicro	29-08-18	15:30-15:32	0.66999	169.1853123								
NZDUSDmicro	30-08-18	09:32-11:30			0.66637	30-08-18 09:36	60.42332582	Other	NA	Electronic	0.66608	0.66637
NZDUSDmicro	30-08-18	11:30-11:32	0.66614	151.0583146								
NZDUSDmicro	30-08-18	13:30-13:32	0.66498	157.1006471								
NZDUSDmicro	30-08-18	15:30-15:32	0.66447	658.6142514								
NZDUSDmicro	31-08-18	09:30-09:32	0.66381	1407.863492								
NZDUSDmicro	31-08-18	11:32-13:30			0.66313	31-08-18 11:35	1063.450534	Other	NA	Electronic	0.66313	0.66342
NZDUSDmicro	31-08-18	13:32-15:30			0.663	31-08-18 13:34	6.042332582	Other	NA	Electronic	0.663	0.66328
NZDUSDmicro	31-08-18	15:30-15:32	0.66197	157.1006471								
NZDUSDmicro	03-09-18	09:30-09:32	0.66121	30278.12857								
NZDUSDmicro	03-09-18	11:30-11:32	0.66079	604.2332582								
NZDUSDmicro	03-09-18	13:32-15:30			0.66044	03-09-18 13:40	60.42332582	Other	NA	Electronic	0.66044	0.66073
NZDUSDmicro	03-09-18	15:30-15:32	0.66057	4229.632807								
NZDUSDmicro	04-09-18	09:30-09:32	0.65512	362.5399549								

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NZDUSDmicro	04-09-18	11:32-13:30			0.65528	04-09-18 11:33	302.1166291	Other	NA	Electronic	0.655	0.65528
NZDUSDmicro	04-09-18	13:30-13:32	0.65467	241.6933033								
NZDUSDmicro	04-09-18	15:32-17:30			0.65452	04-09-18 15:32	211.4816404	Other	NA	Electronic	0.65423	0.65452
NZDUSDmicro	05-09-18	09:30-09:32	0.6558	2670.711001								
NZDUSDmicro	05-09-18	11:30-11:32	0.6566	604.2332582								
NZDUSDmicro	05-09-18	13:30-13:32	0.65761	1854.996103								
NZDUSDmicro	05-09-18	15:32-17:30			0.65797	05-09-18 15:37	6.042332582	Other	NA	Electronic	0.65797	0.65826
NZDUSDmicro	06-09-18	09:32-11:30			0.659	06-09-18 09:43	6042.332582	Other	NA	Electronic	0.659	0.65929
NZDUSDmicro	06-09-18	11:32-13:30			0.65967	06-09-18 11:32	604.2332582	Other	NA	Electronic	0.65939	0.65967
NZDUSDmicro	06-09-18	13:30-13:32	0.65922	120.8466516								
NZDUSDmicro	06-09-18	15:32-17:30			0.65948	06-09-18 15:33	6.042332582	Other	NA	Electronic	0.65948	0.65977
NZDUSDmicro	07-09-18	09:30-09:32	0.6577	6.042332582								
NZDUSDmicro	07-09-18	11:30-11:32	0.65792	30.21166291								
NZDUSDmicro	07-09-18	13:32-15:30			0.65591	07-09-18 13:34	1818.742107	Other	NA	Electronic	0.65562	0.65591
NZDUSDmicro	07-09-18	15:32-17:30			0.65509	07-09-18 15:35	604.2332582	Other	NA	Electronic	0.65509	0.65537

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NZDUSDmicro	10-09-18	09:30-09:32	0.65369	1697.895456								
NZDUSDmicro	10-09-18	11:32-13:30			0.65339	10-09-18 11:33	604.2332582	Other	NA	Electronic	0.65339	0.65367
NZDUSDmicro	10-09-18	13:30-13:32	0.65425	181.2699775								
NZDUSDmicro	10-09-18	15:30-15:32	0.65376	18.12699775								
NZDUSDmicro	11-09-18	09:30-09:32	0.6523	604.2332582								
NZDUSDmicro	11-09-18	11:32-13:30			0.65131	11-09-18 11:41	1510.583146	Other	NA	Electronic	0.65131	0.65159
NZDUSDmicro	11-09-18	13:30-13:32	0.65022	725.0799098								
NZDUSDmicro	11-09-18	15:30-15:32	0.65086	60.42332582								
NZDUSDmicro	12-09-18	09:32-11:30			0.6524	12-09-18 09:40	30.21166291	Other	NA	Electronic	0.6524	0.65268
NZDUSDmicro	12-09-18	11:30-11:32	0.65115	604.2332582								
NZDUSDmicro	12-09-18	13:30-13:32	0.65211	616.3179234								
NZDUSDmicro	12-09-18	15:32-17:30			0.65598	12-09-18 15:32	84.59265615	Other	NA	Electronic	0.65569	0.65597
NZDUSDmicro	13-09-18	09:30-09:32	0.65489	821.7572312								
NZDUSDmicro	13-09-18	11:32-13:30			0.65509	13-09-18 11:35	604.2332582	Other	NA	Electronic	0.65509	0.65538
NZDUSDmicro	13-09-18	13:32-15:30			0.65817	13-09-18 13:33	4833.866066	Other	NA	Electronic	0.65817	0.65846

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NZDUSDmicro	13-09-18	15:30-15:32	0.65602	18.12699775								
NZDUSDmicro	14-09-18	09:32-11:30			0.65808	14-09-18 09:36	604.2332582	Other	NA	Electronic	0.65808	0.65837
NZDUSDmicro	14-09-18	11:32-13:30			0.65756	14-09-18 11:42	60.42332582	Other	NA	Electronic	0.65756	0.65784
NZDUSDmicro	14-09-18	13:30-13:32	0.65692	60.42332582								
NZDUSDmicro	14-09-18	15:30-15:32	0.65639	120.8466516								
NZDUSDmicro	17-09-18	09:32-11:30			0.6569	17-09-18 09:35	60.42332582	Other	NA	Electronic	0.65661	0.6569
NZDUSDmicro	17-09-18	11:32-13:30			0.65672	17-09-18 11:38	1214.508849	Other	NA	Electronic	0.65672	0.65699
NZDUSDmicro	17-09-18	13:30-13:32	0.65824	362.5399549								
NZDUSDmicro	17-09-18	15:32-17:30			0.65848	17-09-18 15:36	120.8466516	Other	NA	Electronic	0.65819	0.65848
NZDUSDmicro	18-09-18	09:30-09:32	0.65931	6.042332582								
NZDUSDmicro	18-09-18	11:32-13:30			0.6586	18-09-18 11:36	60.42332582	Other	NA	Electronic	0.6586	0.65887
NZDUSDmicro	18-09-18	13:32-15:30			0.65957	18-09-18 13:34	60.42332582	Other	NA	Electronic	0.65928	0.65957
NZDUSDmicro	18-09-18	15:30-15:32	0.65838	120.8466516								
NZDUSDmicro	19-09-18	09:32-11:30			0.66119	19-09-18 09:36	302.1166291	Other	NA	Electronic	0.66119	0.66147
NZDUSDmicro	19-09-18	11:30-11:32	0.66034	1909.377096								

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NZDUSDmicro	19-09-18	13:32-15:30			0.66044	19-09-18 13:34	604.2332582	Other	NA	Electronic	0.66044	0.66073
NZDUSDmicro	19-09-18	15:30-15:32	0.66148	72.50799098								
NZDUSDmicro	20-09-18	09:30-09:32	0.66628	12.08466516								
NZDUSDmicro	20-09-18	11:30-11:32	0.66678	6060.45958								
NZDUSDmicro	20-09-18	13:32-15:30			0.66769	20-09-18 13:34	30.21166291	Other	NA	Electronic	0.66768	0.66796
NZDUSDmicro	20-09-18	15:32-17:30			0.66784	20-09-18 15:37	30.21166291	Other	NA	Electronic	0.66756	0.66784
NZDUSDmicro	21-09-18	09:32-11:30			0.6697	21-09-18 09:47	2664.668669	Other	NA	Electronic	0.66942	0.6697
NZDUSDmicro	21-09-18	11:30-11:32	0.66829	24.16933033								
NZDUSDmicro	21-09-18	13:30-13:32	0.66682	60.42332582								
NZDUSDmicro	21-09-18	15:32-17:30			0.66814	21-09-18 15:32	12.08466516	Other	NA	Electronic	0.66786	0.66814
NZDUSDmicro	24-09-18	09:32-11:30			0.66657	24-09-18 09:35	604.2332582	Other	NA	Electronic	0.66657	0.66684
NZDUSDmicro	24-09-18	11:30-11:32	0.66695	604.2332582								
NZDUSDmicro	24-09-18	13:32-15:30			0.66659	24-09-18 13:33	6.042332582	Other	NA	Electronic	0.66659	0.66687
NZDUSDmicro	24-09-18	15:30-15:32	0.66498	1135.958525								
NZDUSDmicro	25-09-18	09:32-11:30			0.66473	25-09-18 09:40	1812.699775	Other	NA	Electronic	0.66444	0.66473

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NZDUSDmicro	25-09-18	11:30-11:32	0.66472	60.42332582								
NZDUSDmicro	25-09-18	13:30-13:32	0.66565	60.42332582								
NZDUSDmicro	25-09-18	15:32-17:30			0.6647	25-09-18 15:40	60.42332582	Other	NA	Electronic	0.6647	0.66498
NZDUSDmicro	26-09-18	09:32-11:30			0.66543	26-09-18 09:40	181.2699775	Other	NA	Electronic	0.66543	0.66571
NZDUSDmicro	26-09-18	11:32-13:30			0.66539	26-09-18 11:35	72.50799098	Other	NA	Electronic	0.66513	0.66539
NZDUSDmicro	26-09-18	13:32-15:30			0.66424	26-09-18 13:40	1208.466516	Other	NA	Electronic	0.66424	0.66451
NZDUSDmicro	26-09-18	15:32-17:30			0.66525	26-09-18 15:32	60.42332582	Other	NA	Electronic	0.66525	0.66554
NZDUSDmicro	27-09-18	09:30-09:32	0.66392	332.328292								
NZDUSDmicro	27-09-18	11:30-11:32	0.6641	60.42332582								
NZDUSDmicro	27-09-18	13:32-15:30			0.66324	27-09-18 13:37	6.042332582	Other	NA	Electronic	0.66296	0.66324
NZDUSDmicro	27-09-18	15:32-17:30			0.66226	27-09-18 15:32	6.042332582	Other	NA	Electronic	0.66226	0.66254
NZDUSDmicro	28-09-18	09:32-11:30			0.66055	28-09-18 09:37	60.42332582	Other	NA	Electronic	0.66055	0.66084
NZDUSDmicro	28-09-18	11:30-11:32	0.66108	6.042332582								
NZDUSDmicro	28-09-18	13:32-15:30			0.66118	28-09-18 13:33	24.16933033	Other	NA	Electronic	0.6609	0.66118
NZDUSDmicro	28-09-18	15:30-15:32	0.66339	6.042332582								

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NZDUSDmini	02-07-18	09:32-11:30			0.67356	02-07-18 10:40	1812.699775	Other	NA	Electronic	0.67323	0.67357
NZDUSDmini	02-07-18	11:32-13:30			0.67189	02-07-18 11:55	241.6933033	Other	NA	Electronic	0.67189	0.67223
NZDUSDmini	02-07-18	13:32-15:30			0.67044	02-07-18 13:45	3262.859594	Other	NA	Electronic	0.67011	0.67044
NZDUSDmini	03-07-18	09:32-11:30			0.67406	03-07-18 10:00	483.3866066	Other	NA	Electronic	0.67371	0.67406
NZDUSDmini	03-07-18	11:32-13:30			0.67507	03-07-18 12:12	241.6933033	Other	NA	Electronic	0.67507	0.67541
NZDUSDmini	06-07-18	09:32-11:30			0.68175	06-07-18 09:33	241.6933033	Other	NA	Electronic	0.68141	0.68175
NZDUSDmini	06-07-18	11:32-13:30			0.68187	06-07-18 13:00	241.6933033	Other	NA	Electronic	0.68186	0.68222
NZDUSDmini	09-07-18	11:32-13:30			0.68498	09-07-18 11:33	241.6933033	Other	NA	Electronic	0.68497	0.68531
NZDUSDmini	11-07-18	09:32-11:30			0.67887	11-07-18 10:04	241.6933033	Other	NA	Electronic	0.67858	0.67887
NZDUSDmini	13-07-18	09:30-09:32	0.67334	483.3866066								
NZDUSDmini	17-07-18	13:32-15:30			0.6788	17-07-18 13:54	241.6933033	Other	NA	Electronic	0.6785	0.6788
NZDUSDmini	18-07-18	13:32-15:30			0.67824	18-07-18 14:52	241.6933033	Other	NA	Electronic	0.67827	0.67854
NZDUSDmini	19-07-18	11:32-13:30			0.67258	19-07-18 12:22	362.5399549	Other	NA	Electronic	0.67228	0.67257
NZDUSDmini	19-07-18	15:32-17:30			0.67492	19-07-18 17:19	241.6933033	Other	NA	Electronic	0.67493	0.67522
NZDUSDmini	20-07-18	11:32-13:30			0.67804	20-07-18 12:43	241.6933033	Other	NA	Electronic	0.67804	0.67832



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NZDUSDmini	30-07-18	13:32-15:30			0.6829	30-07-18 14:28	241.6933033	Other	NA	Electronic	0.68294	0.68321
NZDUSDmini	09-08-18	15:32-17:30			0.66177	09-08-18 17:06	241.6933033	Other	NA	Electronic	0.66148	0.66177
NZDUSDmini	16-08-18	11:32-13:30			0.65956	16-08-18 12:43	1027.196539	Other	NA	Electronic	0.65956	0.65984
NZDUSDmini	23-08-18	15:32-17:30			0.66525	23-08-18 15:45	241.6933033	Other	NA	Electronic	0.66497	0.66525
NZDUSDmini	24-08-18	13:32-15:30			0.66719	24-08-18 14:01	241.6933033	Other	NA	Electronic	0.66719	0.66751
NZDUSDmini	30-08-18	15:32-17:30			0.66419	30-08-18 15:44	241.6933033	Other	NA	Electronic	0.66391	0.66419
NZDUSDmini	31-08-18	13:32-15:30			0.6623	31-08-18 15:20	241.6933033	Other	NA	Electronic	0.66203	0.6623
NZDUSDmini	07-09-18	15:32-17:30			0.65454	07-09-18 16:09	241.6933033	Other	NA	Electronic	0.65416	0.65446
NZDUSDmini	13-09-18	11:32-13:30			0.6573	13-09-18 12:37	241.6933033	Other	NA	Electronic	0.6573	0.6576
NZDUSDmini	14-09-18	13:32-15:30			0.65627	14-09-18 14:19	241.6933033	Other	NA	Electronic	0.656	0.65627
NZDUSDmini	20-09-18	09:32-11:30			0.66658	20-09-18 10:32	604.2332582	Other	NA	Electronic	0.66658	0.66686
NZDUSDmini	28-09-18	13:32-15:30			0.66373	28-09-18 15:27	241.6933033	Other	NA	Electronic	0.66373	0.66399
OfficeDepot	28-09-18	13:32-15:30			3.29	28-09-18 13:56	28.93325125	Other	NA	Electronic	3.23	3.29
OgeEnergy	14-09-18	15:32-17:30			37.41	14-09-18 16:50	32899.48114	Other	NA	Electronic	37.34	37.41
OIL-AUG18	02-07-18	09:32-11:30			73.79	02-07-18 09:33	6489.314924	Other	NA	Electronic	73.79	73.84

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OIL-AUG18	02-07-18	11:30-11:32	74.07	6513.059537								
OIL-AUG18	02-07-18	13:30-13:32	74.06	45603.72878								
OIL-AUG18	02-07-18	15:30-15:32	73.69	6480.520623								
OIL-AUG18	03-07-18	09:32-11:30			74.7	03-07-18 09:32	6561.428195	Other	NA	Electronic	74.7	74.75
OIL-AUG18	03-07-18	11:32-13:30			74.84	03-07-18 11:43	65816.55088	Other	NA	Electronic	74.79	74.84
OIL-AUG18	03-07-18	13:32-15:30			75.09	03-07-18 13:32	6603.640841	Other	NA	Electronic	75.04	75.09
OIL-AUG18	03-07-18	15:30-15:32	72.97	12815.05584								
OIL-AUG18	04-07-18	09:30-09:32	73.59	45331.98487								
OIL-AUG18	04-07-18	11:32-13:30			73.84	04-07-18 11:38	12983.90643	Other	NA	Electronic	73.84	73.89
OIL-AUG18	04-07-18	13:30-13:32	73.82667	38964.03131								
OIL-AUG18	04-07-18	15:30-15:32	74.19	6524.492129								
OIL-AUG18	05-07-18	09:32-11:30			74.09	05-07-18 09:32	6515.697828	Other	NA	Electronic	74.09	74.14
OIL-AUG18	05-07-18	11:32-13:30			74.46	05-07-18 11:32	6557.910474	Other	NA	Electronic	74.46	74.51
OIL-AUG18	05-07-18	13:30-13:32	73.95	13013.80705								
OIL-AUG18	05-07-18	15:30-15:32	73.51	51717.52704								

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OIL-AUG18	06-07-18	09:32-11:30			72.86	06-07-18 09:38	6407.527922	Other	NA	Electronic	72.81	72.86
OIL-AUG18	06-07-18	11:30-11:32	72.36	12727.11283								
OIL-AUG18	06-07-18	13:30-13:32	72.6	82873.09823								
OIL-AUG18	06-07-18	15:32-17:30			73.54	06-07-18 15:32	12934.65834	Other	NA	Electronic	73.54	73.59
OIL-AUG18	09-07-18	09:30-09:32	73.75	6441.825697								
OIL-AUG18	09-07-18	11:32-13:30			73.81	09-07-18 11:46	6478.761762	Other	NA	Electronic	73.81	73.86
OIL-AUG18	09-07-18	13:30-13:32	73.76667	19478.49793								
OIL-AUG18	09-07-18	15:30-15:32	73.475	83960.07387								
OIL-AUG18	10-07-18	09:32-11:30			74.28	10-07-18 09:37	6532.407	Other	NA	Electronic	74.28	74.33
OIL-AUG18	10-07-18	11:32-13:30			74.2	10-07-18 11:33	32626.8578	Other	NA	Electronic	74.15	74.2
OIL-AUG18	10-07-18	13:32-15:30			74.42	10-07-18 13:32	6544.719022	Other	NA	Electronic	74.37	74.42
OIL-AUG18	10-07-18	15:32-17:30			74.01	10-07-18 15:32	6532.407	Other	NA	Electronic	73.96	74.01
OIL-AUG18	11-07-18	09:32-11:30			73.43	11-07-18 09:35	13064.814	Other	NA	Electronic	73.38	73.43
OIL-AUG18	11-07-18	11:32-13:30			73.62	11-07-18 11:33	6474.364612	Other	NA	Electronic	73.62	73.67
OIL-AUG18	11-07-18	13:30-13:32	73.19	6436.549116								

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OIL-AUG18	11-07-18	15:30-15:32	72.525	19136.39961								
OIL-AUG18	12-07-18	09:30-09:32	71.02	6188.54982								
OIL-AUG18	12-07-18	11:32-13:30			70.84	12-07-18 11:35	6229.883036	Other	NA	Electronic	70.84	70.89
OIL-AUG18	12-07-18	13:30-13:32	70.47667	37475.1561								
OIL-AUG18	12-07-18	15:30-15:32	69.73667	18380.0897								
OIL-AUG18	13-07-18	09:32-11:30			70.05	13-07-18 09:36	6160.408056	Other	NA	Electronic	70	70.05
OIL-AUG18	13-07-18	11:32-13:30			70.28	13-07-18 11:36	6180.634949	Other	NA	Electronic	70.23	70.28
OIL-AUG18	13-07-18	13:30-13:32	70.54	6156.890335								
OIL-AUG18	13-07-18	15:32-17:30			70.98	13-07-18 15:33	6171.840647	Other	NA	Electronic	70.98	71.03
OIL-AUG18	16-07-18	09:30-09:32	70.44	12587.28344								
OIL-AUG18	16-07-18	11:32-13:30			69.85	16-07-18 11:42	6142.819453	Other	NA	Electronic	69.85	69.9
OIL-AUG18	16-07-18	13:30-13:32	69.5075	36754.02339								
OIL-AUG18	16-07-18	15:30-15:32	68.286	48246.41632								
OIL-AUG18	17-07-18	09:30-09:32	67.93	53765.71981								
OIL-AUG18	17-07-18	11:32-13:30			68.05	17-07-18 11:32	5984.52203	Other	NA	Electronic	68	68.05

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OIL-AUG18	17-07-18	13:30-13:32	67.268	36274.73397								
OIL-AUG18	17-07-18	15:32-17:30			67.47	17-07-18 15:34	5933.515082	Other	NA	Electronic	67.47	67.52
OIL-AUG18	18-07-18	09:32-11:30			67.56	18-07-18 09:45	11844.16498	Other	NA	Electronic	67.51	67.56
OIL-AUG18	18-07-18	13:32-15:30			67.4	18-07-18 14:09	59625.36276	Other	NA	Electronic	67.35	67.4
OIL-AUG18	18-07-18	15:32-17:30			67.94	18-07-18 15:39	6013.543224	Other	NA	Electronic	67.94	67.99
OILMn-AUG18	02-07-18	09:32-11:30			73.82	02-07-18 09:32	2588.338756	Other	NA	Electronic	73.82	73.87
OILMn-AUG18	02-07-18	11:30-11:32	74.02	1302.172192								
OILMn-AUG18	02-07-18	13:30-13:32	73.985	2602.849354								
OILMn-AUG18	02-07-18	15:30-15:32	73.73	643.5669686								
OILMn-AUG18	03-07-18	09:32-11:30			74.7	03-07-18 09:32	5249.142556	Other	NA	Electronic	74.7	74.75
OILMn-AUG18	03-07-18	11:30-11:32	74.75	1314.748043								
OILMn-AUG18	03-07-18	13:30-13:32	75.0325	2638.993932								
OILMn-AUG18	03-07-18	15:30-15:32	72.97333	2567.672148								
OILMn-AUG18	04-07-18	09:30-09:32	73.57421	45336.99763								
OILMn-AUG18	04-07-18	11:30-11:32	73.795	1300.325389								

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OILMn-AUG18	04-07-18	13:30-13:32	73.86	2599.595462								
OILMn-AUG18	04-07-18	15:30-15:32	74.17	6512.707765								
OILMn-AUG18	05-07-18	09:32-11:30			74.27	05-07-18 09:33	652.976871	Other	NA	Electronic	74.22	74.27
OILMn-AUG18	05-07-18	11:32-13:30			74.51	05-07-18 11:34	1311.054437	Other	NA	Electronic	74.46	74.51
OILMn-AUG18	05-07-18	13:30-13:32	74.01	5224.16674								
OILMn-AUG18	05-07-18	15:30-15:32	73.50125	29091.90045								
OILMn-AUG18	06-07-18	09:32-11:30			72.92	06-07-18 09:33	641.2804503	Other	NA	Electronic	72.87	72.92
OILMn-AUG18	06-07-18	11:30-11:32	72.33	3818.397678								
OILMn-AUG18	06-07-18	13:30-13:32	72.51889	19739.24897								
OILMn-AUG18	06-07-18	15:30-15:32	73.535	7727.200774								
OILMn-AUG18	09-07-18	09:30-09:32	73.73667	7125.142907								
OILMn-AUG18	09-07-18	11:32-13:30			73.82	09-07-18 11:34	649.1953214	Other	NA	Electronic	73.77	73.82
OILMn-AUG18	09-07-18	13:30-13:32	73.80429	13643.03931								
OILMn-AUG18	09-07-18	15:30-15:32	73.4735	23926.65553								
OILMn-AUG18	10-07-18	09:30-09:32	74.27	1306.305514								

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OILMn-AUG18	10-07-18	11:32-13:30			74.17	10-07-18 11:38	6522.733269	Other	NA	Electronic	74.17	74.22
OILMn-AUG18	10-07-18	13:30-13:32	74.33	1961.041245								
OILMn-AUG18	10-07-18	15:32-17:30			74.01	10-07-18 15:32	1952.598716	Other	NA	Electronic	73.96	74.01
OILMn-AUG18	11-07-18	09:30-09:32	73.536	9056.723243								
OILMn-AUG18	11-07-18	11:32-13:30			73.61	11-07-18 11:35	3236.742591	Other	NA	Electronic	73.61	73.66
OILMn-AUG18	11-07-18	13:30-13:32	73.25667	7732.213526								
OILMn-AUG18	11-07-18	15:30-15:32	72.55167	10226.5412								
OILMn-AUG18	12-07-18	09:30-09:32	71.01	1872.394688								
OILMn-AUG18	12-07-18	11:32-13:30			70.85	12-07-18 11:33	624.1315627	Other	NA	Electronic	70.85	70.9
OILMn-AUG18	12-07-18	13:30-13:32	70.505	3719.901504								
OILMn-AUG18	12-07-18	15:30-15:32	69.75167	6159.264796								
OILMn-AUG18	13-07-18	09:30-09:32	69.96	3076.246592								
OILMn-AUG18	13-07-18	11:30-11:32	70.21	617.4478938								
OILMn-AUG18	13-07-18	13:30-13:32	70.35	618.6790959								
OILMn-AUG18	13-07-18	15:30-15:32	71.01667	3745.492921								

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OILMn-AUG18	16-07-18	09:30-09:32	70.45	1239.117052								
OILMn-AUG18	16-07-18	11:32-13:30			69.87	16-07-18 11:35	614.4578313	Other	NA	Electronic	69.82	69.87
OILMn-AUG18	16-07-18	13:30-13:32	69.54571	5508.310615								
OILMn-AUG18	16-07-18	15:30-15:32	68.26143	24798.08284								
OILMn-AUG18	17-07-18	09:30-09:32	68	1187.054788								
OILMn-AUG18	17-07-18	11:32-13:30			68.01	17-07-18 11:32	598.1004309	Other	NA	Electronic	68.01	68.06
OILMn-AUG18	17-07-18	13:30-13:32	67.23571	10142.11591								
OILMn-AUG18	17-07-18	15:30-15:32	67.49	593.9671093								
OILMn-AUG18	18-07-18	09:32-11:30			67.55	18-07-18 09:45	1189.517193	Other	NA	Electronic	67.5	67.55
OILMn-AUG18	18-07-18	11:32-13:30			67.59	18-07-18 12:15	1787.177909	Other	NA	Electronic	67.54	67.59
OILMn-AUG18	18-07-18	13:32-15:30			67.32	18-07-18 13:56	618.2393809	Other	NA	Electronic	67.32	67.37
OILMn-AUG18	18-07-18	15:30-15:32	67.76	1191.276053								
OILMn-NOV18	18-09-18	09:32-11:30			69.64	18-09-18 09:42	1224.870284	Other	NA	Electronic	69.59	69.64
OILMn-NOV18	18-09-18	11:30-11:32	69.515	1222.671709								
OILMn-NOV18	18-09-18	13:30-13:32	69.61	612.171313								



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OILMn-NOV18	18-09-18	15:32-17:30			69.49	18-09-18 15:34	6111.159968	Other	NA	Electronic	69.44	69.49
OILMn-NOV18	19-09-18	09:30-09:32	69.51	611.3798259								
OILMn-NOV18	19-09-18	11:30-11:32	69.51	3693.606543								
OILMn-NOV18	19-09-18	13:30-13:32	69.9025	4900.976167								
OILMn-NOV18	19-09-18	15:32-17:30			70.38	19-09-18 15:38	2475.068156	Other	NA	Electronic	70.38	70.43
OILMn-NOV18	20-09-18	09:32-11:30			70.96	20-09-18 09:32	1248.087239	Other	NA	Electronic	70.96	71.01
OILMn-NOV18	20-09-18	11:32-13:30			70.84	20-09-18 11:33	1880.573388	Other	NA	Electronic	70.84	70.89
OILMn-NOV18	20-09-18	13:30-13:32	71.165	1242.370944								
OILMn-NOV18	20-09-18	15:30-15:32	70.58	1241.755343								
OILMn-NOV18	21-09-18	09:32-11:30			70.69	21-09-18 09:32	1238.76528	Other	NA	Electronic	70.69	70.74
OILMn-NOV18	21-09-18	11:32-13:30			70.91	21-09-18 11:47	623.6039047	Other	NA	Electronic	70.91	70.96
OILMn-NOV18	21-09-18	13:30-13:32	70.94	1250.373758								
OILMn-NOV18	21-09-18	15:30-15:32	70.424	3101.662123								
OILMn-NOV18	24-09-18	09:32-11:30			72.18	24-09-18 09:39	3085.920324	Other	NA	Electronic	72.18	72.23
OILMn-NOV18	24-09-18	11:32-13:30			71.99	24-09-18 11:34	633.1017501	Other	NA	Electronic	71.94	71.99

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OILMn-NOV18	24-09-18	13:30-13:32	72.175	5076.246592								
OILMn-NOV18	24-09-18	15:32-17:30			72.43	24-09-18 15:32	634.5967813	Other	NA	Electronic	72.38	72.43
OILMn-NOV18	25-09-18	09:30-09:32	72.51	3188.373934								
OILMn-NOV18	25-09-18	11:32-13:30			72.36	25-09-18 11:33	636.3556415	Other	NA	Electronic	72.36	72.41
OILMn-NOV18	25-09-18	13:30-13:32	72.6	3192.331369								
OILMn-NOV18	25-09-18	15:30-15:32	72.32333	5087.767127								
OILMn-NOV18	26-09-18	09:32-11:30			72.07	26-09-18 09:35	635.5641544	Other	NA	Electronic	72.02	72.07
OILMn-NOV18	26-09-18	11:32-13:30			72.01	26-09-18 11:42	1266.555272	Other	NA	Electronic	71.95	72
OILMn-NOV18	26-09-18	13:32-15:30			71.64	26-09-18 13:34	634.1570662	Other	NA	Electronic	71.64	71.69
OILMn-NOV18	26-09-18	15:32-17:30			71.81	26-09-18 15:33	1263.037552	Other	NA	Electronic	71.76	71.81
OILMn-NOV18	27-09-18	09:30-09:32	72.28333	2543.751649								
OILMn-NOV18	27-09-18	11:30-11:32	72.27	637.2350717								
OILMn-NOV18	27-09-18	13:32-15:30			72.2	27-09-18 13:32	1269.897107	Other	NA	Electronic	72.15	72.2
OILMn-NOV18	27-09-18	15:30-15:32	72.025	1265.32407								
OILMn-NOV18	28-09-18	09:32-11:30			72.22	28-09-18 09:39	3175.622197	Other	NA	Electronic	72.22	72.27

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OILMn-NOV18	28-09-18	11:30-11:32	72.175	1902.559142								
OILMn-NOV18	28-09-18	13:32-15:30			72.15	28-09-18 13:32	634.5088383	Other	NA	Electronic	72.15	72.2
OILMn-NOV18	28-09-18	15:30-15:32	73.295	1289.156627								
OILMn-OCT18	17-08-18	09:30-09:32	65.13	572.7728432								
OILMn-OCT18	17-08-18	11:32-13:30			65.25	17-08-18 11:36	573.8281594	Other	NA	Electronic	65.25	65.3
OILMn-OCT18	17-08-18	13:32-15:30			65.61	17-08-18 13:36	576.9941078	Other	NA	Electronic	65.61	65.67
OILMn-OCT18	17-08-18	15:32-17:30			65.28	17-08-18 15:32	573.2125583	Other	NA	Electronic	65.28	65.33
OILMn-OCT18	20-08-18	09:30-09:32	65.175	1146.864832								
OILMn-OCT18	20-08-18	11:32-13:30			65.14	20-08-18 11:35	572.3331281	Other	NA	Electronic	65.14	65.19
OILMn-OCT18	20-08-18	13:32-15:30			65.24	20-08-18 13:39	573.7402163	Other	NA	Electronic	65.19	65.24
OILMn-OCT18	20-08-18	15:32-17:30			65.28	20-08-18 15:46	574.0919884	Other	NA	Electronic	65.23	65.28
OILMn-OCT18	21-08-18	09:32-11:30			65.4	21-08-18 09:32	575.1473045	Other	NA	Electronic	65.35	65.4
OILMn-OCT18	21-08-18	11:32-13:30			65.51	21-08-18 11:41	575.2352476	Other	NA	Electronic	65.51	65.56
OILMn-OCT18	21-08-18	13:30-13:32	66.395	1167.795269								
OILMn-OCT18	21-08-18	15:30-15:32	66.03	2903.438572								

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OILMn-OCT18	22-08-18	09:30-09:32	66.48	6431.272535								
OILMn-OCT18	22-08-18	11:30-11:32	66.99	589.1302436								
OILMn-OCT18	22-08-18	13:30-13:32	67.21	591.0649899								
OILMn-OCT18	22-08-18	15:32-17:30			67.44	22-08-18 15:32	593.8791663	Other	NA	Electronic	67.39	67.44
OILMn-OCT18	23-08-18	09:32-11:30			67.69	23-08-18 09:33	5847.33093	Other	NA	Electronic	67.69	67.74
OILMn-OCT18	23-08-18	11:30-11:32	67.792	5963.415707								
OILMn-OCT18	23-08-18	13:30-13:32	67.48	2378.946443								
OILMn-OCT18	23-08-18	15:30-15:32	67.66	595.0224255								
OILMn-OCT18	24-08-18	09:32-11:30			68.43	24-08-18 09:33	3008.970187	Other	NA	Electronic	68.38	68.43
OILMn-OCT18	24-08-18	11:30-11:32	68.626	13881.10105								
OILMn-OCT18	24-08-18	13:30-13:32	69.0375	14564.41826								
OILMn-OCT18	24-08-18	15:30-15:32	69.05	3040.629672								
OILMn-OCT18	27-08-18	09:32-11:30			68.46	27-08-18 09:32	602.0578665	Other	NA	Electronic	68.41	68.46
OILMn-OCT18	27-08-18	11:30-11:32	68.54	602.7614106								
OILMn-OCT18	27-08-18	13:30-13:32	68.74	2407.879694								

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OILMn-OCT18	27-08-18	15:32-17:30			68.63	27-08-18 15:32	603.5528977	Other	NA	Electronic	68.63	68.68
OILMn-OCT18	28-08-18	09:32-11:30			69.03	28-08-18 09:34	607.0706182	Other	NA	Electronic	69.03	69.08
OILMn-OCT18	28-08-18	11:32-13:30			68.75	28-08-18 11:39	1210.799402	Other	NA	Electronic	68.7	68.75
OILMn-OCT18	28-08-18	13:32-15:30			68.88	28-08-18 13:42	605.751473	Other	NA	Electronic	68.83	68.88
OILMn-OCT18	28-08-18	15:30-15:32	69.02	6676.809427								
OILMn-OCT18	29-08-18	09:30-09:32	68.73	604.4323279								
OILMn-OCT18	29-08-18	11:30-11:32	68.89	607.8621054								
OILMn-OCT18	29-08-18	13:32-15:30			69.07	29-08-18 13:33	3037.111951	Other	NA	Electronic	69.07	69.12
OILMn-OCT18	29-08-18	15:30-15:32	69.18	34088.82244								
OILMn-OCT18	30-08-18	09:30-09:32	69.63	12246.94398								
OILMn-OCT18	30-08-18	11:32-13:30			70.05	30-08-18 11:37	595.5500835	Other	NA	Electronic	70	70.05
OILMn-OCT18	30-08-18	13:30-13:32	69.9	614.7216604								
OILMn-OCT18	30-08-18	15:32-17:30			69.84	30-08-18 15:46	1228.388005	Other	NA	Electronic	69.79	69.84
OILMn-OCT18	31-08-18	09:30-09:32	69.95	615.1613754								
OILMn-OCT18	31-08-18	11:30-11:32	69.78	1227.332688								

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OILMn-OCT18	31-08-18	13:32-15:30			69.97	31-08-18 13:33	1230.674523	Other	NA	Electronic	69.97	70.02
OILMn-OCT18	31-08-18	15:30-15:32	69.93	6149.854894								
OILMn-OCT18	03-09-18	09:32-11:30			69.93	03-09-18 09:34	614.9854894	Other	NA	Electronic	69.88	69.93
OILMn-OCT18	03-09-18	11:32-13:30			70.05	03-09-18 11:35	616.0408056	Other	NA	Electronic	70	70.05
OILMn-OCT18	03-09-18	13:32-15:30			70	03-09-18 14:00	615.1613754	Other	NA	Electronic	70	70.05
OILMn-OCT18	03-09-18	15:30-15:32	70.06	616.1287486								
OILMn-OCT18	04-09-18	09:30-09:32	70.98	619.7344121								
OILMn-OCT18	04-09-18	11:30-11:32	71.13	1246.240436								
OILMn-OCT18	04-09-18	13:30-13:32	70.64	1861.577698								
OILMn-OCT18	04-09-18	15:32-17:30			70.14	04-09-18 15:33	616.8322927	Other	NA	Electronic	70.09	70.14
OILMn-OCT18	05-09-18	09:30-09:32	69.1	607.6862193								
OILMn-OCT18	05-09-18	11:30-11:32	69.03	605.311758								
OILMn-OCT18	05-09-18	13:30-13:32	69.205	1218.098672								
OILMn-OCT18	05-09-18	15:32-17:30			68.88	05-09-18 15:32	605.751473	Other	NA	Electronic	68.83	68.88
OILMn-OCT18	06-09-18	09:30-09:32	68.94333	2421.334975								

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OILMn-OCT18	06-09-18	11:32-13:30			68.84	06-09-18 12:04	605.223815	Other	NA	Electronic	68.79	68.84
OILMn-OCT18	06-09-18	13:32-15:30			68.75	06-09-18 13:35	604.4323279	Other	NA	Electronic	68.75	68.8
OILMn-OCT18	06-09-18	15:30-15:32	67.71	1785.594934								
OILMn-OCT18	07-09-18	09:32-11:30			67.73	07-09-18 10:19	1193.562571	Other	NA	Electronic	67.68	67.73
OILMn-OCT18	07-09-18	11:32-13:30			67.97	07-09-18 11:35	2390.994635	Other	NA	Electronic	67.92	67.97
OILMn-OCT18	07-09-18	13:30-13:32	67.19667	2955.324949								
OILMn-OCT18	07-09-18	15:30-15:32	67.495	1776.009146								
OILMn-OCT18	10-09-18	09:32-11:30			68.36	10-09-18 09:32	601.4422654	Other	NA	Electronic	68.31	68.36
OILMn-OCT18	10-09-18	11:32-13:30			68.08	10-09-18 11:44	598.716032	Other	NA	Electronic	68.03	68.08
OILMn-OCT18	10-09-18	13:30-13:32	68.315	1198.751209								
OILMn-OCT18	10-09-18	15:30-15:32	67.86333	3020.402779								
OILMn-OCT18	11-09-18	09:32-11:30			67.64	11-09-18 09:36	1189.693079	Other	NA	Electronic	67.64	67.69
OILMn-OCT18	11-09-18	11:32-13:30			67.71	11-09-18 11:56	5359.159265	Other	NA	Electronic	67.66	67.71
OILMn-OCT18	11-09-18	13:30-13:32	67.72	602.7614106								
OILMn-OCT18	11-09-18	15:30-15:32	68.77	7250.461701								

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OILMn-OCT18	12-09-18	09:30-09:32	69.68	1213.437692								
OILMn-OCT18	12-09-18	11:32-13:30			69.91	12-09-18 11:52	614.8096034	Other	NA	Electronic	69.91	69.96
OILMn-OCT18	12-09-18	13:32-15:30			70.17	12-09-18 13:32	617.0961217	Other	NA	Electronic	70.17	70.22
OILMn-OCT18	12-09-18	15:30-15:32	70.87	1246.504265								
OILMn-OCT18	13-09-18	09:30-09:32	69.42	609.8847947								
OILMn-OCT18	13-09-18	11:30-11:32	69.43667	4893.413068								
OILMn-OCT18	13-09-18	13:30-13:32	69.44	1830.7097								
OILMn-OCT18	13-09-18	15:30-15:32	68.62	30776.71269								
OILMn-OCT18	14-09-18	09:32-11:30			68.82	14-09-18 09:43	605.223815	Other	NA	Electronic	68.82	68.87
OILMn-OCT18	14-09-18	11:30-11:32	68.81	3025.67936								
OILMn-OCT18	14-09-18	13:32-15:30			68.61	14-09-18 13:52	603.3770117	Other	NA	Electronic	68.61	68.66
OILMn-OCT18	14-09-18	15:32-17:30			68.82	14-09-18 15:32	603.9926128	Other	NA	Electronic	68.82	68.87
OILMn-OCT18	17-09-18	09:32-11:30			69.47	17-09-18 09:34	610.9401108	Other	NA	Electronic	69.42	69.47
OILMn-OCT18	17-09-18	11:32-13:30			69.46	17-09-18 11:40	611.3798259	Other	NA	Electronic	69.41	69.46
OILMn-OCT18	17-09-18	13:32-15:30			69.41	17-09-18 13:36	609.0933075	Other	NA	Electronic	69.41	69.46



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OILMn-OCT18	17-09-18	15:32-17:30			68.98	17-09-18 15:36	1819.89271	Other	NA	Electronic	68.93	68.98
OILMn-OCT18	18-09-18	09:30-09:32	69.71	611.8195409								
OILMn-OCT18	18-09-18	11:32-13:30			69.76	18-09-18 12:07	611.0280538	Other	NA	Electronic	69.76	69.81
OILMn-OCT18	18-09-18	13:32-15:30			70.06	18-09-18 13:34	599.5954621	Other	NA	Electronic	70.01	70.06
OILMn-OCT18	18-09-18	15:30-15:32	69.77	604.7840999								
OILMn-SEP18	18-07-18	09:32-11:30			66.78	18-07-18 10:02	5872.834403	Other	NA	Electronic	66.73	66.78
OILMn-SEP18	18-07-18	11:30-11:32	66.83	2938.615777								
OILMn-SEP18	18-07-18	13:32-15:30			66.62	18-07-18 13:38	1171.752704	Other	NA	Electronic	66.62	66.67
OILMn-SEP18	18-07-18	15:30-15:32	66.93333	4121.71313								
OILMn-SEP18	19-07-18	09:30-09:32	66.90875	8850.936593								
OILMn-SEP18	19-07-18	11:30-11:32	66.965	5299.533902								
OILMn-SEP18	19-07-18	13:30-13:32	67.83467	25567.49626								
OILMn-SEP18	19-07-18	15:30-15:32	68.285	2402.075455								
OILMn-SEP18	20-07-18	09:30-09:32	68.432	4811.714009								
OILMn-SEP18	20-07-18	11:30-11:32	68.18	7185.559757								

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OILMn-SEP18	20-07-18	13:32-15:30			68.12	20-07-18 13:32	1797.203412	Other	NA	Electronic	68.12	68.17
OILMn-SEP18	20-07-18	15:30-15:32	68.24	1799.489931								
OILMn-SEP18	23-07-18	09:30-09:32	68.6	7211.942661								
OILMn-SEP18	23-07-18	11:30-11:32	69.008	14559.14168								
OILMn-SEP18	23-07-18	13:30-13:32	69.03231	10302.43602								
OILMn-SEP18	23-07-18	15:30-15:32	68.59333	7238.941166								
OILMn-SEP18	24-07-18	09:30-09:32	68.2825	4801.160848								
OILMn-SEP18	24-07-18	11:32-13:30			68.21	24-07-18 11:32	599.8592912	Other	NA	Electronic	68.21	68.26
OILMn-SEP18	24-07-18	13:30-13:32	68.04941	14346.49547								
OILMn-SEP18	24-07-18	15:30-15:32	68.84	603.7287837								
OILMn-SEP18	25-07-18	09:30-09:32	68.69	1810.658693								
OILMn-SEP18	25-07-18	11:30-11:32	68.37	601.2663794								
OILMn-SEP18	25-07-18	13:30-13:32	68.77333	4837.745141								
OILMn-SEP18	25-07-18	15:30-15:32	69.17857	16972.56178								
OILMn-SEP18	26-07-18	09:32-11:30			69.21	26-07-18 09:33	4869.22874	Other	NA	Electronic	69.21	69.26

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OILMn-SEP18	26-07-18	11:32-13:30			69.21	26-07-18 11:32	608.6535925	Other	NA	Electronic	69.21	69.26
OILMn-SEP18	26-07-18	13:30-13:32	69.04	9095.242283								
OILMn-SEP18	26-07-18	15:30-15:32	69.8	3018.116261								
OILMn-SEP18	27-07-18	09:32-11:30			69.52	27-07-18 09:32	3056.899129	Other	NA	Electronic	69.47	69.52
OILMn-SEP18	27-07-18	11:32-13:30			69.45	27-07-18 11:40	6107.642248	Other	NA	Electronic	69.4	69.45
OILMn-SEP18	27-07-18	13:32-15:30			69.55	27-07-18 13:32	611.6436549	Other	NA	Electronic	69.5	69.55
OILMn-SEP18	27-07-18	15:30-15:32	69.39	5484.214229								
OILMn-SEP18	30-07-18	09:30-09:32	69.4	1830.797643								
OILMn-SEP18	30-07-18	11:30-11:32	70.095	4303.227509								
OILMn-SEP18	30-07-18	13:30-13:32	70.27375	25341.21889								
OILMn-SEP18	30-07-18	15:30-15:32	70.01	3078.357225								
OILMn-SEP18	31-07-18	09:30-09:32	69.81	12882.33225								
OILMn-SEP18	31-07-18	11:30-11:32	69.76	613.4904582								
OILMn-SEP18	31-07-18	13:30-13:32	69.17	6693.694486								
OILMn-SEP18	31-07-18	15:30-15:32	68.82	2457.567496								

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OILMn-SEP18	01-08-18	09:32-11:30			67.96	01-08-18 09:32	597.6607159	Other	NA	Electronic	67.96	68.01
OILMn-SEP18	01-08-18	11:32-13:30			67.97	01-08-18 11:32	597.7486589	Other	NA	Electronic	67.97	68.02
OILMn-SEP18	01-08-18	13:30-13:32	67.804	2983.818486								
OILMn-SEP18	01-08-18	15:30-15:32	67.522	30399.78894								
OILMn-SEP18	02-08-18	09:30-09:32	67.44	593.0876792								
OILMn-SEP18	02-08-18	11:32-13:30			67.1	02-08-18 11:41	594.0550523	Other	NA	Electronic	67.05	67.1
OILMn-SEP18	02-08-18	13:30-13:32	67.315	14796.06015								
OILMn-SEP18	02-08-18	15:32-17:30			68.74	02-08-18 15:33	2394.864128	Other	NA	Electronic	68.69	68.74
OILMn-SEP18	03-08-18	09:32-11:30			68.99	03-08-18 09:32	606.7188462	Other	NA	Electronic	68.99	69.04
OILMn-SEP18	03-08-18	11:30-11:32	69.13333	4250.901416								
OILMn-SEP18	03-08-18	13:32-15:30			68.75	03-08-18 13:34	2418.432856	Other	NA	Electronic	68.7	68.75
OILMn-SEP18	03-08-18	15:30-15:32	68.71	604.2564418								
OILMn-SEP18	06-08-18	09:30-09:32	68.89	605.8394161								
OILMn-SEP18	06-08-18	11:32-13:30			69.35	06-08-18 11:34	609.8847947	Other	NA	Electronic	69.3	69.35
OILMn-SEP18	06-08-18	13:30-13:32	69.21	608.6535925								

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OILMn-SEP18	06-08-18	15:32-17:30			69.72	06-08-18 15:35	2452.554745	Other	NA	Electronic	69.67	69.72
OILMn-SEP18	07-08-18	09:32-11:30			69.37	07-08-18 09:33	12201.21361	Other	NA	Electronic	69.32	69.37
OILMn-SEP18	07-08-18	11:32-13:30			69.65	07-08-18 11:42	1832.292674	Other	NA	Electronic	69.65	69.7
OILMn-SEP18	07-08-18	13:30-13:32	69.31429	11003.95744								
OILMn-SEP18	07-08-18	15:30-15:32	69.155	1216.779527								
OILMn-SEP18	08-08-18	09:32-11:30			69.25	08-08-18 09:33	1185.120042	Other	NA	Electronic	69.2	69.25
OILMn-SEP18	08-08-18	11:32-13:30			68.84	08-08-18 11:32	605.399701	Other	NA	Electronic	68.84	68.89
OILMn-SEP18	08-08-18	13:30-13:32	68.13	1198.311494								
OILMn-SEP18	08-08-18	15:30-15:32	66.80636	17707.14977								
OILMn-SEP18	09-08-18	09:30-09:32	67.08	2949.608654								
OILMn-SEP18	09-08-18	11:32-13:30			66.87	09-08-18 11:39	588.3387565	Other	NA	Electronic	66.82	66.87
OILMn-SEP18	09-08-18	13:30-13:32	67.21333	1769.501363								
OILMn-SEP18	09-08-18	15:30-15:32	66.98	591.1529329								
OILMn-SEP18	10-08-18	09:30-09:32	66.865	1175.622197								
OILMn-SEP18	10-08-18	11:30-11:32	66.94	1761.850321								

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OILMn-SEP18	10-08-18	13:32-15:30			67.41	10-08-18 13:32	11696.42072	Other	NA	Electronic	67.36	67.41
OILMn-SEP18	10-08-18	15:32-17:30			67.75	10-08-18 15:35	2979.069563	Other	NA	Electronic	67.7	67.75
OILMn-SEP18	13-08-18	09:30-09:32	67.64667	14859.20324								
OILMn-SEP18	13-08-18	11:32-13:30			67.37	13-08-18 11:32	2981.707853	Other	NA	Electronic	67.32	67.37
OILMn-SEP18	13-08-18	13:32-15:30			67.22	13-08-18 13:33	591.856477	Other	NA	Electronic	67.17	67.22
OILMn-SEP18	13-08-18	15:30-15:32	67.24	591.94442								
OILMn-SEP18	14-08-18	09:30-09:32	67.88	596.9571718								
OILMn-SEP18	14-08-18	11:30-11:32	67.96	597.6607159								
OILMn-SEP18	14-08-18	13:30-13:32	68.255	1200.861842								
OILMn-SEP18	14-08-18	15:30-15:32	67.14	5942.221441								
OILMn-SEP18	15-08-18	09:32-11:30			66.18	15-08-18 09:32	599.1557471	Other	NA	Electronic	66.18	66.23
OILMn-SEP18	15-08-18	11:32-13:30			66.4	15-08-18 11:34	5835.018908	Other	NA	Electronic	66.4	66.45
OILMn-SEP18	15-08-18	13:30-13:32	66.15	581.6550875								
OILMn-SEP18	15-08-18	15:30-15:32	64.72	3994.371647								
OILMn-SEP18	16-08-18	09:32-11:30			65	16-08-18 09:50	570.7501539	Other	NA	Electronic	65	65.05

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OILMn-SEP18	16-08-18	11:32-13:30			65.15	16-08-18 11:42	572.9487292	Other	NA	Electronic	65.15	65.2
OILMn-SEP18	16-08-18	13:30-13:32	65.115	1144.754199								
OILMn-SEP18	16-08-18	15:30-15:32	65.455	6300.325389								
OILMn-SEP18	17-08-18	09:32-11:30			65.63	17-08-18 09:33	568.2877495	Other	NA	Electronic	65.63	65.68
OILMn-SEP18	17-08-18	11:32-13:30			65.67	17-08-18 12:03	9207.985226	Other	NA	Electronic	65.67	65.72
OILMn-SEP18	17-08-18	13:32-15:30			66.19	17-08-18 13:38	575.4111336	Other	NA	Electronic	66.19	66.25
OILMn-SEP18	17-08-18	15:32-17:30			65.48	17-08-18 17:15	1151.525811	Other	NA	Electronic	65.48	65.53
OIL-NOV18	18-09-18	09:32-11:30			69.6	18-09-18 09:49	6120.8337	Other	NA	Electronic	69.6	69.65
OIL-NOV18	18-09-18	11:30-11:32	69.57	6117.315979								
OIL-NOV18	18-09-18	13:32-15:30			69.81	18-09-18 13:38	30696.50866	Other	NA	Electronic	69.76	69.81
OIL-NOV18	18-09-18	15:32-17:30			69.61	18-09-18 15:47	6128.748571	Other	NA	Electronic	69.56	69.61
OIL-NOV18	19-09-18	09:32-11:30			69.61	19-09-18 10:42	12243.42626	Other	NA	Electronic	69.56	69.61
OIL-NOV18	19-09-18	11:30-11:32	69.54	12231.11424								
OIL-NOV18	19-09-18	13:30-13:32	69.89333	30652.53716								
OIL-NOV18	19-09-18	15:32-17:30			70.48	19-09-18 15:32	6198.223551	Other	NA	Electronic	70.48	70.53

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OIL-NOV18	20-09-18	09:32-11:30			71	20-09-18 09:33	18731.86175	Other	NA	Electronic	70.95	71
OIL-NOV18	20-09-18	11:32-13:30			70.91	20-09-18 11:32	6262.421951	Other	NA	Electronic	70.86	70.91
OIL-NOV18	20-09-18	13:32-15:30			71.16	20-09-18 13:33	6209.656143	Other	NA	Electronic	71.16	71.21
OIL-NOV18	20-09-18	15:32-17:30			70.47	20-09-18 15:41	6197.344121	Other	NA	Electronic	70.42	70.47
OIL-NOV18	21-09-18	09:32-11:30			70.68	21-09-18 09:44	6165.684636	Other	NA	Electronic	70.68	70.73
OIL-NOV18	21-09-18	11:32-13:30			70.91	21-09-18 11:34	6236.039047	Other	NA	Electronic	70.86	70.91
OIL-NOV18	21-09-18	13:30-13:32	70.96	18704.59942								
OIL-NOV18	21-09-18	15:32-17:30			70.18	21-09-18 15:46	6234.280186	Other	NA	Electronic	70.13	70.18
OIL-NOV18	24-09-18	09:32-11:30			72.31	24-09-18 09:32	12545.95022	Other	NA	Electronic	72.26	72.31
OIL-NOV18	24-09-18	11:32-13:30			71.94	24-09-18 11:34	6326.62035	Other	NA	Electronic	71.94	71.99
OIL-NOV18	24-09-18	13:30-13:32	72.15	6358.279835								
OIL-NOV18	24-09-18	15:32-17:30			72.51	24-09-18 15:33	6376.747867	Other	NA	Electronic	72.51	72.56
OIL-NOV18	25-09-18	09:32-11:30			72.51	25-09-18 09:45	6380.265588	Other	NA	Electronic	72.46	72.51
OIL-NOV18	25-09-18	11:32-13:30			72.41	25-09-18 11:41	6380.265588	Other	NA	Electronic	72.36	72.41
OIL-NOV18	25-09-18	13:30-13:32	72.53	6378.506728								



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OIL-NOV18	25-09-18	15:32-17:30			72.2	25-09-18 15:40	6352.123824	Other	NA	Electronic	72.15	72.2
OIL-NOV18	26-09-18	09:32-11:30			72.13	26-09-18 10:04	6343.329522	Other	NA	Electronic	72.08	72.13
OIL-NOV18	26-09-18	11:32-13:30			72.02	26-09-18 11:32	6333.655791	Other	NA	Electronic	72.02	72.07
OIL-NOV18	26-09-18	13:32-15:30			71.94	26-09-18 13:44	6342.450092	Other	NA	Electronic	71.89	71.94
OIL-NOV18	26-09-18	15:32-17:30			71.81	26-09-18 15:35	12630.37552	Other	NA	Electronic	71.81	71.86
OIL-NOV18	27-09-18	09:32-11:30			72.31	27-09-18 09:35	19077.47779	Other	NA	Electronic	72.26	72.31
OIL-NOV18	27-09-18	11:32-13:30			72.24	27-09-18 11:41	12706.00651	Other	NA	Electronic	72.24	72.29
OIL-NOV18	27-09-18	13:32-15:30			72.18	27-09-18 13:32	6352.123824	Other	NA	Electronic	72.13	72.18
OIL-NOV18	27-09-18	15:30-15:32	71.96333	37956.20438								
OIL-NOV18	28-09-18	09:32-11:30			72.22	28-09-18 09:41	6351.244394	Other	NA	Electronic	72.22	72.27
OIL-NOV18	28-09-18	11:32-13:30			72.11	28-09-18 12:17	6368.832996	Other	NA	Electronic	72.06	72.11
OIL-NOV18	28-09-18	13:32-15:30			72.15	28-09-18 13:32	6345.088383	Other	NA	Electronic	72.15	72.2
OIL-NOV18	28-09-18	15:32-17:30			73.29	28-09-18 15:32	6430.393105	Other	NA	Electronic	73.29	73.34
OIL-OCT18	17-08-18	09:32-11:30			65.29	17-08-18 11:20	5741.799314	Other	NA	Electronic	65.24	65.29
OIL-OCT18	17-08-18	11:30-11:32	65.22	22942.57321								

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OIL-OCT18	17-08-18	13:32-15:30			65.58	17-08-18 13:52	5741.799314	Other	NA	Electronic	65.58	65.63
OIL-OCT18	17-08-18	15:32-17:30			65.24	17-08-18 15:58	5737.402163	Other	NA	Electronic	65.19	65.24
OIL-OCT18	20-08-18	09:32-11:30			65.25	20-08-18 09:44	5738.281594	Other	NA	Electronic	65.2	65.25
OIL-OCT18	20-08-18	11:32-13:30			65.17	20-08-18 11:37	5731.246152	Other	NA	Electronic	65.12	65.17
OIL-OCT18	20-08-18	13:32-15:30			65.23	20-08-18 13:37	5736.522733	Other	NA	Electronic	65.18	65.23
OIL-OCT18	20-08-18	15:32-17:30			65.27	20-08-18 15:46	5727.728432	Other	NA	Electronic	65.23	65.28
OIL-OCT18	21-08-18	09:32-11:30			65.46	21-08-18 10:15	5756.749626	Other	NA	Electronic	65.41	65.46
OIL-OCT18	21-08-18	11:32-13:30			65.56	21-08-18 11:35	86364.43585	Other	NA	Electronic	65.56	65.61
OIL-OCT18	21-08-18	13:32-15:30			66.46	21-08-18 13:32	5844.692639	Other	NA	Electronic	66.41	66.46
OIL-OCT18	21-08-18	15:30-15:32	66.03	5748.834755								
OIL-OCT18	22-08-18	09:32-11:30			66.47	22-08-18 09:35	5845.572069	Other	NA	Electronic	66.47	66.52
OIL-OCT18	22-08-18	11:30-11:32	66.98667	17568.37569								
OIL-OCT18	22-08-18	13:32-15:30			67.17	22-08-18 13:48	5907.132178	Other	NA	Electronic	67.17	67.22
OIL-OCT18	22-08-18	15:30-15:32	67.49	5935.273942								
OIL-OCT18	23-08-18	09:32-11:30			67.69	23-08-18 09:32	5952.862545	Other	NA	Electronic	67.69	67.74

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OIL-OCT18	23-08-18	11:32-13:30			67.44	23-08-18 11:34	5756.749626	Other	NA	Electronic	67.44	67.5
OIL-OCT18	23-08-18	13:30-13:32	67.48	11868.78902								
OIL-OCT18	23-08-18	15:32-17:30			67.67	23-08-18 17:06	17853.31105	Other	NA	Electronic	67.67	67.72
OIL-OCT18	24-08-18	09:32-11:30			68.42	24-08-18 09:58	6017.060945	Other	NA	Electronic	68.42	68.47
OIL-OCT18	24-08-18	11:32-13:30			68.56	24-08-18 11:36	36176.2378	Other	NA	Electronic	68.56	68.61
OIL-OCT18	24-08-18	13:30-13:32	69.06	54697.03632								
OIL-OCT18	24-08-18	15:30-15:32	69.13	6079.500484								
OIL-OCT18	27-08-18	09:32-11:30			68.4	27-08-18 10:00	6015.302084	Other	NA	Electronic	68.4	68.45
OIL-OCT18	27-08-18	11:32-13:30			68.7	27-08-18 11:46	6041.684988	Other	NA	Electronic	68.7	68.75
OIL-OCT18	27-08-18	13:32-15:30			68.81	27-08-18 13:40	6014.422654	Other	NA	Electronic	68.76	68.81
OIL-OCT18	27-08-18	15:32-17:30			68.56	27-08-18 15:46	18161.99103	Other	NA	Electronic	68.51	68.56
OIL-OCT18	28-08-18	09:32-11:30			69.05	28-08-18 09:33	6067.188462	Other	NA	Electronic	69.05	69.1
OIL-OCT18	28-08-18	11:32-13:30			68.78	28-08-18 11:40	6043.443848	Other	NA	Electronic	68.73	68.78
OIL-OCT18	28-08-18	13:32-15:30			68.91	28-08-18 13:36	6065.429602	Other	NA	Electronic	68.86	68.91
OIL-OCT18	28-08-18	15:30-15:32	68.945	12107.99402								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OIL-OCT18	29-08-18	09:32-11:30			68.69	29-08-18 09:48	6040.805558	Other	NA	Electronic	68.69	68.74
OIL-OCT18	29-08-18	11:32-13:30			68.89	29-08-18 11:40	12102.71744	Other	NA	Electronic	68.89	68.94
OIL-OCT18	29-08-18	13:30-13:32	69.05	6072.465043								
OIL-OCT18	29-08-18	15:30-15:32	69.23	12176.58957								
OIL-OCT18	30-08-18	09:32-11:30			69.79	30-08-18 10:01	6117.315979	Other	NA	Electronic	69.74	69.79
OIL-OCT18	30-08-18	11:32-13:30			69.89	30-08-18 11:34	61305.07431	Other	NA	Electronic	69.89	69.94
OIL-OCT18	30-08-18	13:32-15:30			69.73	30-08-18 13:32	30700.90581	Other	NA	Electronic	69.68	69.73
OIL-OCT18	30-08-18	15:32-17:30			69.67	30-08-18 15:39	6126.989711	Other	NA	Electronic	69.67	69.72
OIL-OCT18	31-08-18	09:30-09:32	69.95	61551.31475								
OIL-OCT18	31-08-18	11:32-13:30			70	31-08-18 11:41	6181.514379	Other	NA	Electronic	69.95	70
OIL-OCT18	31-08-18	13:32-15:30			69.97	31-08-18 13:50	6167.443497	Other	NA	Electronic	69.92	69.97
OIL-OCT18	31-08-18	15:32-17:30			69.94	31-08-18 15:35	6147.216604	Other	NA	Electronic	69.95	70
OIL-OCT18	03-09-18	09:32-11:30			69.84	03-09-18 10:01	6141.940023	Other	NA	Electronic	69.84	69.89
OIL-OCT18	03-09-18	11:32-13:30			70.01	03-09-18 11:37	12306.74523	Other	NA	Electronic	70.01	70.06
OIL-OCT18	03-09-18	13:32-15:30			70.05	03-09-18 14:19	12313.78067	Other	NA	Electronic	70.05	70.1

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OIL-OCT18	03-09-18	15:32-17:30			70.07	03-09-18 16:31	6162.166916	Other	NA	Electronic	70.07	70.12
OIL-OCT18	04-09-18	09:32-11:30			71.1	04-09-18 09:41	68016.00563	Other	NA	Electronic	71.1	71.15
OIL-OCT18	04-09-18	11:32-13:30			71.08	04-09-18 12:01	6243.074488	Other	NA	Electronic	71.08	71.13
OIL-OCT18	04-09-18	13:32-15:30			70.67	04-09-18 13:32	6248.351069	Other	NA	Electronic	70.62	70.67
OIL-OCT18	04-09-18	15:32-17:30			70.32	04-09-18 15:46	18528.71339	Other	NA	Electronic	70.32	70.37
OIL-OCT18	05-09-18	09:32-11:30			69.08	05-09-18 09:33	6095.330226	Other	NA	Electronic	69.03	69.08
OIL-OCT18	05-09-18	11:32-13:30			69.06	05-09-18 11:46	12146.68895	Other	NA	Electronic	69.06	69.11
OIL-OCT18	05-09-18	13:32-15:30			69.41	05-09-18 13:36	18312.37358	Other	NA	Electronic	69.41	69.46
OIL-OCT18	05-09-18	15:30-15:32	68.88	12123.82376								
OIL-OCT18	06-09-18	09:32-11:30			68.87	06-09-18 09:33	60469.61569	Other	NA	Electronic	68.87	68.92
OIL-OCT18	06-09-18	11:32-13:30			68.87	06-09-18 11:45	18169.9059	Other	NA	Electronic	68.82	68.87
OIL-OCT18	06-09-18	13:32-15:30			68.71	06-09-18 14:04	6042.564418	Other	NA	Electronic	68.71	68.76
OIL-OCT18	06-09-18	15:30-15:32	67.7	5953.741975								
OIL-OCT18	07-09-18	09:30-09:32	67.89	5971.330578								
OIL-OCT18	07-09-18	11:32-13:30			67.85	07-09-18 12:16	5972.210008	Other	NA	Electronic	67.8	67.85

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OIL-OCT18	07-09-18	13:32-15:30			66.99	07-09-18 13:37	59783.66019	Other	NA	Electronic	66.99	67.04
OIL-OCT18	07-09-18	15:30-15:32	67.51	6221.088735								
OIL-OCT18	10-09-18	09:32-11:30			68.15	10-09-18 10:03	5998.592912	Other	NA	Electronic	68.1	68.15
OIL-OCT18	10-09-18	11:32-13:30			68.04	10-09-18 11:37	5983.6426	Other	NA	Electronic	68.04	68.09
OIL-OCT18	10-09-18	13:32-15:30			68.2	10-09-18 13:32	5997.713482	Other	NA	Electronic	68.2	68.25
OIL-OCT18	10-09-18	15:32-17:30			68.03	10-09-18 15:43	5982.763169	Other	NA	Electronic	68.03	68.08
OIL-OCT18	11-09-18	09:32-11:30			67.58	11-09-18 09:42	5943.188814	Other	NA	Electronic	67.58	67.63
OIL-OCT18	11-09-18	11:32-13:30			67.73	11-09-18 11:34	5959.018556	Other	NA	Electronic	67.68	67.73
OIL-OCT18	11-09-18	13:32-15:30			68	11-09-18 14:08	5981.883739	Other	NA	Electronic	67.95	68
OIL-OCT18	11-09-18	15:32-17:30			68.79	11-09-18 15:38	11984.8738	Other	NA	Electronic	68.79	68.84
OIL-OCT18	12-09-18	09:30-09:32	69.67	12259.256								
OIL-OCT18	12-09-18	11:30-11:32	69.91	6148.096034								
OIL-OCT18	12-09-18	13:32-15:30			70.15	12-09-18 13:34	30876.79184	Other	NA	Electronic	70.1	70.15
OIL-OCT18	12-09-18	15:30-15:32	70.915	12472.95752								
OIL-OCT18	13-09-18	09:32-11:30			69.24	13-09-18 09:41	6089.174215	Other	NA	Electronic	69.19	69.24

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OIL-OCT18	13-09-18	11:32-13:30			69.62	13-09-18 11:42	6122.59256	Other	NA	Electronic	69.57	69.62
OIL-OCT18	13-09-18	13:32-15:30			69.3	13-09-18 13:37	6094.450796	Other	NA	Electronic	69.25	69.3
OIL-OCT18	13-09-18	15:32-17:30			68.69	13-09-18 15:51	18122.41667	Other	NA	Electronic	68.69	68.74
OIL-OCT18	14-09-18	09:32-11:30			68.84	14-09-18 09:39	12090.40542	Other	NA	Electronic	68.84	68.89
OIL-OCT18	14-09-18	11:32-13:30			68.85	14-09-18 11:32	12109.75288	Other	NA	Electronic	68.8	68.85
OIL-OCT18	14-09-18	13:32-15:30			68.74	14-09-18 13:39	18135.60813	Other	NA	Electronic	68.69	68.74
OIL-OCT18	14-09-18	15:32-17:30			68.81	14-09-18 15:32	6020.578665	Other	NA	Electronic	68.81	68.86
OIL-OCT18	17-09-18	09:30-09:32	69.37	12201.21361								
OIL-OCT18	17-09-18	11:32-13:30			69.48	17-09-18 11:33	12222.31994	Other	NA	Electronic	69.48	69.53
OIL-OCT18	17-09-18	13:32-15:30			69.52	17-09-18 13:34	6113.798259	Other	NA	Electronic	69.47	69.52
OIL-OCT18	17-09-18	15:32-17:30			69.07	17-09-18 15:35	12148.44781	Other	NA	Electronic	69.02	69.07
OIL-OCT18	18-09-18	09:32-11:30			69.81	18-09-18 09:36	18346.67136	Other	NA	Electronic	69.81	69.86
OIL-OCT18	18-09-18	11:32-13:30			69.82	18-09-18 12:38	6050.479289	Other	NA	Electronic	69.82	69.87
OIL-OCT18	18-09-18	13:32-15:30			70.09	18-09-18 13:34	18454.84126	Other	NA	Electronic	70.09	70.14
OIL-SEP18	18-07-18	09:32-11:30			66.83	18-07-18 11:20	11754.46311	Other	NA	Electronic	66.83	66.88

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OIL-SEP18	18-07-18	11:32-13:30			66.82	18-07-18 12:42	5876.352124	Other	NA	Electronic	66.77	66.82
OIL-SEP18	18-07-18	13:32-15:30			66.63	18-07-18 13:37	5859.642951	Other	NA	Electronic	66.63	66.68
OIL-SEP18	18-07-18	15:30-15:32	66.89333	17648.40383								
OIL-SEP18	19-07-18	09:30-09:32	66.99	5891.302436								
OIL-SEP18	19-07-18	11:32-13:30			67.02	19-07-18 11:34	5893.940726	Other	NA	Electronic	66.97	67.02
OIL-SEP18	19-07-18	13:30-13:32	67.8375	76728.51992								
OIL-SEP18	19-07-18	15:30-15:32	68.31	6007.387213								
OIL-SEP18	20-07-18	09:30-09:32	68.5	6024.975816								
OIL-SEP18	20-07-18	11:32-13:30			68.14	20-07-18 11:32	119831.1494	Other	NA	Electronic	68.14	68.19
OIL-SEP18	20-07-18	13:30-13:32	68.32	12016.53329								
OIL-SEP18	20-07-18	15:30-15:32	68.2	179693.9583								
OIL-SEP18	23-07-18	09:30-09:32	68.5525	36061.03245								
OIL-SEP18	23-07-18	11:30-11:32	69.01	18148.79958								
OIL-SEP18	23-07-18	13:30-13:32	69.01	30347.3749								
OIL-SEP18	23-07-18	15:32-17:30			68.76	23-07-18 15:36	6030.252396	Other	NA	Electronic	68.76	68.81



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OIL-SEP18	24-07-18	09:32-11:30			68.29	24-07-18 09:32	6005.628353	Other	NA	Electronic	68.24	68.29
OIL-SEP18	24-07-18	11:30-11:32	68.19	5996.834052								
OIL-SEP18	24-07-18	13:32-15:30			68.09	24-07-18 13:32	5988.03975	Other	NA	Electronic	68.04	68.09
OIL-SEP18	24-07-18	15:32-17:30			68.84	24-07-18 15:32	6053.99701	Other	NA	Electronic	68.84	68.89
OIL-SEP18	25-07-18	09:30-09:32	68.72	6044.323279								
OIL-SEP18	25-07-18	11:32-13:30			68.49	25-07-18 11:35	6018.819805	Other	NA	Electronic	68.49	68.54
OIL-SEP18	25-07-18	13:32-15:30			68.82	25-07-18 13:32	6048.720429	Other	NA	Electronic	68.82	68.87
OIL-SEP18	25-07-18	15:30-15:32	69.175	12166.91584								
OIL-SEP18	26-07-18	09:32-11:30			69.11	26-07-18 09:37	6095.330226	Other	NA	Electronic	69.11	69.16
OIL-SEP18	26-07-18	11:32-13:30			69.2	26-07-18 11:39	6085.656495	Other	NA	Electronic	69.2	69.25
OIL-SEP18	26-07-18	13:30-13:32	69.02	6069.826752								
OIL-SEP18	26-07-18	15:30-15:32	69.8025	24544.89491								
OIL-SEP18	27-07-18	09:32-11:30			69.42	27-07-18 10:00	6105.003957	Other	NA	Electronic	69.37	69.42
OIL-SEP18	27-07-18	11:32-13:30			69.42	27-07-18 11:45	12210.00791	Other	NA	Electronic	69.42	69.47
OIL-SEP18	27-07-18	13:32-15:30			69.37	27-07-18 13:35	6100.606807	Other	NA	Electronic	69.32	69.37

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OIL-SEP18	27-07-18	15:32-17:30			69.34	27-07-18 15:34	6097.968516	Other	NA	Electronic	69.29	69.34
OIL-SEP18	30-07-18	09:30-09:32	69.37667	18303.57928								
OIL-SEP18	30-07-18	11:30-11:32	70.1	61648.05206								
OIL-SEP18	30-07-18	13:30-13:32	70.25	18536.62826								
OIL-SEP18	30-07-18	15:32-17:30			69.95	30-07-18 15:32	6151.613754	Other	NA	Electronic	69.95	70
OIL-SEP18	31-07-18	09:32-11:30			69.83	31-07-18 09:33	6141.060593	Other	NA	Electronic	69.78	69.83
OIL-SEP18	31-07-18	11:32-13:30			69.82	31-07-18 11:33	18420.54349	Other	NA	Electronic	69.77	69.82
OIL-SEP18	31-07-18	13:30-13:32	69.26	6090.933075								
OIL-SEP18	31-07-18	15:30-15:32	68.775	18099.55149								
OIL-SEP18	01-08-18	09:32-11:30			68.05	01-08-18 09:33	6002.990062	Other	NA	Electronic	68	68.05
OIL-SEP18	01-08-18	11:32-13:30			68.03	01-08-18 11:37	5981.004309	Other	NA	Electronic	67.98	68.03
OIL-SEP18	01-08-18	13:32-15:30			67.68	01-08-18 13:33	17855.94934	Other	NA	Electronic	67.68	67.73
OIL-SEP18	01-08-18	15:32-17:30			67.58	01-08-18 15:35	5943.188814	Other	NA	Electronic	67.53	67.58
OIL-SEP18	02-08-18	09:32-11:30			67.25	02-08-18 09:36	6069.826752	Other	NA	Electronic	67.25	67.3
OIL-SEP18	02-08-18	11:32-13:30			67.01	02-08-18 11:52	5949.344825	Other	NA	Electronic	67.01	67.06

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OIL-SEP18	02-08-18	13:30-13:32	67.25	59141.67619								
OIL-SEP18	02-08-18	15:32-17:30			68.83	02-08-18 15:36	6046.082139	Other	NA	Electronic	68.83	68.88
OIL-SEP18	03-08-18	09:32-11:30			68.98	03-08-18 09:34	12132.61806	Other	NA	Electronic	68.98	69.03
OIL-SEP18	03-08-18	11:30-11:32	69.22	6087.415355								
OIL-SEP18	03-08-18	13:32-15:30			68.84	03-08-18 13:32	6053.99701	Other	NA	Electronic	68.84	68.89
OIL-SEP18	03-08-18	15:32-17:30			68.47	03-08-18 15:39	12092.16428	Other	NA	Electronic	68.45	68.5
OIL-SEP18	06-08-18	09:32-11:30			68.88	06-08-18 09:34	24230.05892	Other	NA	Electronic	68.83	68.88
OIL-SEP18	06-08-18	11:32-13:30			69.32	06-08-18 11:32	12192.41931	Other	NA	Electronic	69.32	69.37
OIL-SEP18	06-08-18	13:30-13:32	69.28	12185.38387								
OIL-SEP18	06-08-18	15:32-17:30			69.66	06-08-18 15:34	6126.110281	Other	NA	Electronic	69.61	69.66
OIL-SEP18	07-08-18	09:32-11:30			69.44	07-08-18 09:53	6106.762818	Other	NA	Electronic	69.39	69.44
OIL-SEP18	07-08-18	11:32-13:30			69.64	07-08-18 11:35	6124.35142	Other	NA	Electronic	69.64	69.69
OIL-SEP18	07-08-18	13:30-13:32	69.27	12183.62501								
OIL-SEP18	07-08-18	15:32-17:30			69.13	07-08-18 15:35	18238.50145	Other	NA	Electronic	69.13	69.18
OIL-SEP18	08-08-18	09:32-11:30			69.22	08-08-18 09:46	12159.00097	Other	NA	Electronic	69.17	69.22

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OIL-SEP18	08-08-18	11:32-13:30			68.79	08-08-18 11:44	6049.599859	Other	NA	Electronic	68.74	68.79
OIL-SEP18	08-08-18	13:30-13:32	68.11	6091.812505								
OIL-SEP18	08-08-18	15:30-15:32	66.8	11749.18653								
OIL-SEP18	09-08-18	09:32-11:30			66.97	09-08-18 09:46	5889.543576	Other	NA	Electronic	66.92	66.97
OIL-SEP18	09-08-18	11:32-13:30			66.8	09-08-18 11:44	11749.18653	Other	NA	Electronic	66.8	66.85
OIL-SEP18	09-08-18	13:32-15:30			67.27	09-08-18 13:32	5913.288189	Other	NA	Electronic	67.27	67.32
OIL-SEP18	09-08-18	15:30-15:32	66.89	5893.940726								
OIL-SEP18	10-08-18	09:32-11:30			66.87	10-08-18 09:51	5878.990414	Other	NA	Electronic	66.87	66.92
OIL-SEP18	10-08-18	11:32-13:30			67.18	10-08-18 11:34	58693.16683	Other	NA	Electronic	67.18	67.23
OIL-SEP18	10-08-18	13:30-13:32	67.4	5927.359071								
OIL-SEP18	10-08-18	15:32-17:30			67.67	10-08-18 15:32	5904.493888	Other	NA	Electronic	67.67	67.72
OIL-SEP18	13-08-18	09:32-11:30			67.63	13-08-18 09:35	5946.706534	Other	NA	Electronic	67.63	67.68
OIL-SEP18	13-08-18	11:32-13:30			67.28	13-08-18 11:34	5916.80591	Other	NA	Electronic	67.28	67.33
OIL-SEP18	13-08-18	13:32-15:30			67.18	13-08-18 13:33	5908.011608	Other	NA	Electronic	67.18	67.23
OIL-SEP18	13-08-18	15:30-15:32	67.25	5914.167619								

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OIL-SEP18	14-08-18	09:32-11:30			67.8	14-08-18 09:35	5893.061296	Other	NA	Electronic	67.8	67.85
OIL-SEP18	14-08-18	11:32-13:30			67.92	14-08-18 11:39	5973.089438	Other	NA	Electronic	67.92	67.97
OIL-SEP18	14-08-18	13:32-15:30			68.19	14-08-18 13:35	5983.6426	Other	NA	Electronic	68.19	68.24
OIL-SEP18	14-08-18	15:30-15:32	67.16	11816.90265								
OIL-SEP18	15-08-18	09:32-11:30			66.24	15-08-18 09:33	5825.345176	Other	NA	Electronic	66.19	66.24
OIL-SEP18	15-08-18	11:32-13:30			66.45	15-08-18 11:34	5843.813209	Other	NA	Electronic	66.4	66.45
OIL-SEP18	15-08-18	13:30-13:32	66.24	5833.260047								
OIL-SEP18	15-08-18	15:30-15:32	64.685	11360.47841								
OIL-SEP18	16-08-18	09:32-11:30			64.93	16-08-18 10:25	17191.10017	Other	NA	Electronic	64.93	64.98
OIL-SEP18	16-08-18	11:32-13:30			65.12	16-08-18 11:34	5726.849002	Other	NA	Electronic	65.12	65.18
OIL-SEP18	16-08-18	13:32-15:30			65.08	16-08-18 13:36	5723.331281	Other	NA	Electronic	65.08	65.13
OIL-SEP18	16-08-18	15:32-17:30			65.46	16-08-18 15:32	5722.451851	Other	NA	Electronic	65.41	65.46
OIL-SEP18	17-08-18	09:32-11:30			65.56	17-08-18 10:06	86338.05294	Other	NA	Electronic	65.56	65.61
OIL-SEP18	17-08-18	11:32-13:30			65.77	17-08-18 11:52	5732.125583	Other	NA	Electronic	65.77	65.82
OIL-SEP18	17-08-18	13:32-15:30			66	17-08-18 14:05	5725.969572	Other	NA	Electronic	66	66.06

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OIL-SEP18	17-08-18	15:32-17:30			65.77	17-08-18 16:28	6081.259344	Other	NA	Electronic	65.77	65.82
Old Mutual	06-07-18	13:32-15:30			1.59	06-07-18 14:29	17.64647126	Other	NA	Electronic	1.581	1.59
Old Mutual	01-08-18	13:32-15:30			1.731	01-08-18 14:32	17.64647126	Other	NA	Electronic	1.731	1.743
Old Mutual	07-09-18	13:32-15:30			1.513	07-09-18 14:48	16.79189372	Other	NA	Electronic	1.499	1.513
Old Mutual	18-09-18	09:32-11:30			1.513	18-09-18 11:08	16.79189372	Other	NA	Electronic	1.513	1.525
ONEOK	18-09-18	13:32-15:30			69.16	18-09-18 13:45	598.540146	Other	NA	Electronic	69.16	69.28
ONEOK	20-09-18	13:32-15:30			69.17	20-09-18 14:59	608.3018204	Other	NA	Electronic	69.1	69.17
ONEOK	21-09-18	13:32-15:30			69.21	21-09-18 14:20	608.6535925	Other	NA	Electronic	69.13	69.21
ONEOK	24-09-18	13:32-15:30			69.27	24-09-18 13:40	606.3670741	Other	NA	Electronic	69.27	69.38
Ontex	05-07-18	09:32-11:30			19.169	05-07-18 10:33	949.55	Other	NA	Electronic	19.169	19.241
Ontex	10-07-18	13:32-15:30			25.753	10-07-18 14:42	257.53	Other	NA	Electronic	25.753	25.847
Ontex	11-07-18	13:32-15:30			25.867	11-07-18 15:22	257.53	Other	NA	Electronic	25.753	25.867
OPAP	02-07-18	09:32-11:30			9.623	02-07-18 10:48	96.23	Other	NA	Electronic	9.623	9.703
OPAP	02-07-18	13:32-15:30			9.593	02-07-18 13:45	9593	Other	NA	Electronic	9.518	9.593
OPAP	03-07-18	09:32-11:30			9.528	03-07-18 09:46	3144.24	Other	NA	Electronic	9.438	9.528

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OPAP	03-07-18	11:32-13:30			9.518	03-07-18 12:25	96.23	Other	NA	Electronic	9.423	9.518
OPAP	04-07-18	13:32-15:30			9.408	04-07-18 13:46	300.96	Other	NA	Electronic	9.408	9.478
OPAP	05-07-18	11:32-13:30			9.518	05-07-18 12:43	543.3	Other	NA	Electronic	9.518	9.598
OPAP	05-07-18	13:30-13:32	9.498	5143								
OPAP	06-07-18	09:32-11:30			9.543	06-07-18 10:00	1619.76	Other	NA	Electronic	9.543	9.613
OPAP	06-07-18	11:32-13:30			9.548	06-07-18 12:05	99.32	Other	NA	Electronic	9.548	9.628
OPAP	06-07-18	13:32-15:30			9.593	06-07-18 13:40	3350.55	Other	NA	Electronic	9.593	9.668
OPAP	09-07-18	09:32-11:30			9.628	09-07-18 11:24	6739.6	Other	NA	Electronic	9.628	9.718
OPAP	09-07-18	11:30-11:32	9.668	17973.36								
OPAP	09-07-18	13:32-15:30			9.693	09-07-18 13:52	4330.4	Other	NA	Electronic	9.693	9.763
OPAP	10-07-18	09:32-11:30			9.718	10-07-18 09:48	194.36	Other	NA	Electronic	9.718	9.793
OPAP	10-07-18	11:32-13:30			9.753	10-07-18 11:45	1028.1	Other	NA	Electronic	9.753	9.823
OPAP	10-07-18	13:32-15:30			9.743	10-07-18 13:33	97.43	Other	NA	Electronic	9.743	9.828
OPAP	12-07-18	09:32-11:30			9.718	12-07-18 11:07	5053.36	Other	NA	Electronic	9.638	9.718
OPAP	12-07-18	13:30-13:32	9.738	969.3								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OPAP	13-07-18	09:32-11:30			9.773	13-07-18 09:32	97.73	Other	NA	Electronic	9.773	9.843
OPAP	13-07-18	11:32-13:30			9.768	13-07-18 11:51	9693	Other	NA	Electronic	9.768	9.853
OPAP	13-07-18	13:32-15:30			9.773	13-07-18 13:54	5053.36	Other	NA	Electronic	9.773	9.843
OPAP	16-07-18	11:32-13:30			9.813	16-07-18 11:39	11006	Other	NA	Electronic	9.813	9.883
OPAP	18-07-18	13:32-15:30			9.923	18-07-18 13:54	3473.05	Other	NA	Electronic	9.823	9.923
OPAP	19-07-18	09:32-11:30			9.763	19-07-18 10:54	585.78	Other	NA	Electronic	9.693	9.763
OPAP	19-07-18	13:32-15:30			9.753	19-07-18 13:52	585.18	Other	NA	Electronic	9.678	9.753
OPAP	20-07-18	09:32-11:30			9.633	20-07-18 09:57	9633	Other	NA	Electronic	9.563	9.633
OPAP	20-07-18	11:32-13:30			9.533	20-07-18 11:50	190.66	Other	NA	Electronic	9.438	9.533
OPAP	24-07-18	09:32-11:30			9.663	24-07-18 10:28	1931.6	Other	NA	Electronic	9.663	9.743
OPAP	24-07-18	11:32-13:30			9.553	24-07-18 13:10	9553	Other	NA	Electronic	9.483	9.553
OPAP	24-07-18	13:30-13:32	9.593	191.86								
OPAP	25-07-18	09:32-11:30			9.543	25-07-18 10:04	9543	Other	NA	Electronic	9.468	9.543
OPAP	25-07-18	11:32-13:30			9.498	25-07-18 12:01	94.98	Other	NA	Electronic	9.428	9.498
OPAP	25-07-18	13:32-15:30			9.518	25-07-18 13:54	951.8	Other	NA	Electronic	9.438	9.518



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
OPAP	26-07-18	13:32-15:30			9.468	26-07-18 13:37	585.18	Other	NA	Electronic	9.468	9.538
OPAP	30-07-18	09:32-11:30			9.328	30-07-18 11:02	2203.2	Other	NA	Electronic	9.328	9.413
OPAP	30-07-18	11:32-13:30			9.428	30-07-18 12:17	7542.4	Other	NA	Electronic	9.358	9.428
OPAP	31-07-18	11:32-13:30			9.558	31-07-18 11:45	95.58	Other	NA	Electronic	9.558	9.628
OPAP	31-07-18	13:32-15:30			9.563	31-07-18 13:50	9533	Other	NA	Electronic	9.563	9.633
OPAP	01-08-18	09:32-11:30			9.493	01-08-18 11:03	949.3	Other	NA	Electronic	9.408	9.493
OPAP	01-08-18	11:32-13:30			9.498	01-08-18 11:51	1899.6	Other	NA	Electronic	9.418	9.498
OPAP	02-08-18	09:32-11:30			9.313	02-08-18 10:17	2167.2	Other	NA	Electronic	9.313	9.383
OPAP	02-08-18	11:32-13:30			9.318	02-08-18 12:55	949.3	Other	NA	Electronic	9.318	9.393
OPAP	03-08-18	11:32-13:30			9.513	03-08-18 13:14	1899.6	Other	NA	Electronic	9.513	9.583
OPAP	06-08-18	11:32-13:30			9.518	06-08-18 13:02	95.18	Other	NA	Electronic	9.518	9.598
OPAP	08-08-18	11:32-13:30			9.553	08-08-18 12:10	2291.52	Other	NA	Electronic	9.553	9.623
OPAP	13-08-18	13:32-15:30			9.488	13-08-18 13:46	286.59	Other	NA	Electronic	9.413	9.488
OPAP	14-08-18	09:32-11:30			9.268	14-08-18 10:05	9298	Other	NA	Electronic	9.183	9.268
OPAP	14-08-18	11:32-13:30			9.368	14-08-18 12:47	3466.16	Other	NA	Electronic	9.368	9.438

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OPAP	17-08-18	11:32-13:30			9.208	17-08-18 12:27	9208	Other	NA	Electronic	9.208	9.283
OPAP	17-08-18	13:32-15:30			9.173	17-08-18 13:54	9208	Other	NA	Electronic	9.098	9.173
OPAP	20-08-18	09:32-11:30			9.288	20-08-18 10:07	9288	Other	NA	Electronic	9.288	9.358
OPAP	20-08-18	11:32-13:30			9.323	20-08-18 11:38	373.12	Other	NA	Electronic	9.248	9.323
OPAP	21-08-18	09:32-11:30			9.333	21-08-18 09:34	186.66	Other	NA	Electronic	9.333	9.403
OPAP	21-08-18	11:32-13:30			9.368	21-08-18 11:48	187.36	Other	NA	Electronic	9.368	9.443
OPAP	22-08-18	09:32-11:30			9.278	22-08-18 11:10	91.28	Other	NA	Electronic	9.278	9.348
OPAP	23-08-18	09:32-11:30			9.391	23-08-18 09:51	93.91	Other	NA	Electronic	9.391	9.459
OPAP	23-08-18	11:32-13:30			9.511	23-08-18 12:50	4755.5	Other	NA	Electronic	9.511	9.579
OPAP	23-08-18	13:32-15:30			9.565	23-08-18 13:32	478.25	Other	NA	Electronic	9.565	9.63
OPAP	29-08-18	09:32-11:30			9.521	29-08-18 10:31	9509	Other	NA	Electronic	9.521	9.589
OPAP	29-08-18	11:32-13:30			9.536	29-08-18 12:29	4764.5	Other	NA	Electronic	9.536	9.614
OPAP	31-08-18	09:32-11:30			9.33	31-08-18 10:50	9303	Other	NA	Electronic	9.265	9.33
OPAP	31-08-18	11:32-13:30			9.294	31-08-18 12:35	93.18	Other	NA	Electronic	9.226	9.294
OPAP	31-08-18	13:32-15:30			9.245	31-08-18 13:39	12573.2	Other	NA	Electronic	9.18	9.245

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OPAP	03-09-18	09:32-11:30			9.366	03-09-18 10:15	1849.8	Other	NA	Electronic	9.366	9.444
OPAP	03-09-18	11:32-13:30			9.445	03-09-18 13:27	277.35	Other	NA	Electronic	9.445	9.51
OPAP	04-09-18	09:32-11:30			9.365	04-09-18 09:33	1873	Other	NA	Electronic	9.3	9.365
OPAP	04-09-18	11:32-13:30			9.314	04-09-18 12:31	1397.1	Other	NA	Electronic	9.236	9.314
OPAP	06-09-18	09:32-11:30			8.939	06-09-18 11:04	89.39	Other	NA	Electronic	8.871	8.939
OPAP	06-09-18	11:32-13:30			8.879	06-09-18 12:04	2219.75	Other	NA	Electronic	8.811	8.879
OPAP	06-09-18	13:32-15:30			8.764	06-09-18 13:52	87.64	Other	NA	Electronic	8.696	8.764
OPAP	07-09-18	09:32-11:30			9.019	07-09-18 09:34	631.33	Other	NA	Electronic	8.951	9.019
OPAP	07-09-18	11:32-13:30			8.855	07-09-18 12:39	17710	Other	NA	Electronic	8.855	8.92
OPAP	10-09-18	09:32-11:30			9.116	10-09-18 10:38	91.16	Other	NA	Electronic	9.116	9.199
OPAP	10-09-18	11:32-13:30			9.199	10-09-18 12:31	9199	Other	NA	Electronic	9.121	9.199
OPAP	10-09-18	13:32-15:30			9.18	10-09-18 13:49	918	Other	NA	Electronic	9.115	9.18
OPAP	11-09-18	11:32-13:30			9.05	11-09-18 11:38	91.2	Other	NA	Electronic	8.985	9.05
OPAP	12-09-18	09:32-11:30			9.121	12-09-18 10:14	902.9	Other	NA	Electronic	9.121	9.194
OPAP	13-09-18	09:32-11:30			9.015	13-09-18 09:35	450.75	Other	NA	Electronic	8.95	9.015

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OPAP	13-09-18	11:32-13:30			9.035	13-09-18 12:13	90.35	Other	NA	Electronic	8.97	9.035
OPAP	13-09-18	13:32-15:30			8.979	13-09-18 13:52	2693.7	Other	NA	Electronic	8.896	8.979
OPAP	14-09-18	13:32-15:30			8.931	14-09-18 13:45	444.45	Other	NA	Electronic	8.931	9.019
OPAP	19-09-18	09:32-11:30			9.076	19-09-18 09:54	2693.7	Other	NA	Electronic	9.076	9.149
OPAP	19-09-18	11:32-13:30			9.125	19-09-18 11:52	1083.48	Other	NA	Electronic	9.125	9.19
OPAP	19-09-18	13:32-15:30			9.106	19-09-18 13:32	273.18	Other	NA	Electronic	9.106	9.194
OPAP	21-09-18	09:32-11:30			9.156	21-09-18 11:07	2010.58	Other	NA	Electronic	9.156	9.229
OPAP	21-09-18	11:32-13:30			9.206	21-09-18 13:28	276.18	Other	NA	Electronic	9.206	9.299
OPAP	21-09-18	13:30-13:32	9.226	553.36								
OPAP	25-09-18	13:32-15:30			9.52	25-09-18 13:49	89.39	Other	NA	Electronic	9.52	9.585
OPAP	27-09-18	11:32-13:30			9.529	27-09-18 12:44	38116	Other	NA	Electronic	9.456	9.529
OPAP	27-09-18	13:32-15:30			9.504	27-09-18 13:48	1995.84	Other	NA	Electronic	9.436	9.504
OPAP	28-09-18	09:32-11:30			9.424	28-09-18 10:03	376.96	Other	NA	Electronic	9.351	9.424
OPAP	28-09-18	11:32-13:30			9.199	28-09-18 12:00	36904	Other	NA	Electronic	9.131	9.199
OPAP	28-09-18	13:32-15:30			9.075	28-09-18 13:49	907.5	Other	NA	Electronic	9.01	9.075

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Oracle	10-07-18	13:32-15:30			46.81	10-07-18 13:45	406.6484918	Other	NA	Electronic	46.81	46.87
Oracle	10-07-18	15:32-17:30			47.26	10-07-18 16:49	817.8700202	Other	NA	Electronic	47.26	47.33
Oracle	12-07-18	13:32-15:30			47.9	12-07-18 14:00	3369.976255	Other	NA	Electronic	47.84	47.9
Oracle	19-07-18	13:32-15:30			48.61	19-07-18 14:57	386.4215988	Other	NA	Electronic	48.61	48.67
Oracle	24-07-18	13:32-15:30			49.01	24-07-18 14:26	431.0087064	Other	NA	Electronic	49.01	49.07
Oracle	30-07-18	15:32-17:30			47.83	30-07-18 16:12	3369.976255	Other	NA	Electronic	47.83	47.89
Oracle	31-07-18	15:32-17:30			47.95	31-07-18 17:01	2951.807229	Other	NA	Electronic	47.89	47.95
Oracle	01-08-18	13:32-15:30			48.11	01-08-18 14:00	2961.656846	Other	NA	Electronic	48.04	48.11
Oracle	15-08-18	13:32-15:30			47.74	15-08-18 14:05	1687.450532	Other	NA	Electronic	47.74	47.81
Oracle	15-08-18	15:32-17:30			47.84	15-08-18 17:00	3786.474365	Other	NA	Electronic	47.78	47.84
Oracle	16-08-18	13:32-15:30			48.29	16-08-18 13:40	3397.414475	Other	NA	Electronic	48.22	48.29
Oracle	06-09-18	15:32-17:30			47.84	06-09-18 16:00	3397.414475	Other	NA	Electronic	47.84	47.9
Oracle	07-09-18	15:32-17:30			47.99	07-09-18 17:00	1688.154076	Other	NA	Electronic	47.93	47.99
Oracle	10-09-18	13:32-15:30			48.32	10-09-18 13:40	1688.154076	Other	NA	Electronic	48.32	48.38
Orange	04-07-18	09:32-11:30			14.809	04-07-18 11:22	148.09	Other	NA	Electronic	14.777	14.809

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Orange	04-07-18	13:32-15:30			14.732	04-07-18 15:05	148.09	Other	NA	Electronic	14.732	14.764
Orange	05-07-18	11:32-13:30			14.849	05-07-18 12:34	445.47	Other	NA	Electronic	14.817	14.849
Orange	06-07-18	09:32-11:30			14.884	06-07-18 09:52	148.84	Other	NA	Electronic	14.847	14.884
Orange	01-08-18	09:32-11:30			14.612	01-08-18 10:22	148.84	Other	NA	Electronic	14.612	14.644
Orange	12-09-18	09:32-11:30			13.669	12-09-18 09:45	136.69	Other	NA	Electronic	13.637	13.669
Outokumpu	01-08-18	11:32-13:30			5.656	01-08-18 12:52	63.86	Other	NA	Electronic	5.656	5.673
Outokumpu	16-08-18	11:32-13:30			5.203	16-08-18 12:02	52.03	Other	NA	Electronic	5.18	5.203
OVS	20-09-18	11:32-13:30			2.848	20-09-18 11:49	85.44	Other	NA	Electronic	2.828	2.848
OVS	20-09-18	13:32-15:30			2.832	20-09-18 15:19	281.8	Other	NA	Electronic	2.832	2.848
OVS	24-09-18	13:32-15:30			2.72	24-09-18 15:01	27.36	Other	NA	Electronic	2.72	2.74
PALL-SEP18	10-07-18	11:32-13:30			942.49	10-07-18 13:09	8288.541025	Other	NA	Electronic	942.45	948
PALL-SEP18	10-07-18	13:32-15:30			940.02	10-07-18 14:40	8288.541025	Other	NA	Electronic	934.55	940
PALL-SEP18	11-07-18	13:32-15:30			933.62	11-07-18 13:58	8210.535573	Other	NA	Electronic	928.05	933.6
PALL-SEP18	11-07-18	15:32-17:30			934.39	11-07-18 16:59	8210.535573	Other	NA	Electronic	934.35	939.5
PALL-SEP18	16-07-18	13:32-15:30			925.92	16-07-18 13:36	8142.819453	Other	NA	Electronic	920.65	925.9

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
PALL-SEP18	20-07-18	11:32-13:30			882.92	20-07-18 12:59	7764.664497	Other	NA	Electronic	877.35	882.9
PALL-SEP18	01-08-18	09:32-11:30			920.99	01-08-18 09:43	8759.299974	Other	NA	Electronic	920.95	926.5
PALL-SEP18	10-08-18	11:32-13:30			900.29	10-08-18 13:13	7917.421511	Other	NA	Electronic	900.25	905.7
PALL-SEP18	15-08-18	11:32-13:30			849.62	15-08-18 12:50	7917.421511	Other	NA	Electronic	844.05	849.6
PALL-SEP18	28-08-18	11:32-13:30			950.02	28-08-18 12:33	7697.563979	Other	NA	Electronic	944.35	950
Partners	11-09-18	13:32-15:30			778.24	11-09-18 15:01	6887.567261	Other	NA	Electronic	778.24	780.27
Paypal	12-07-18	13:32-15:30			87.64	12-07-18 13:56	770.7325653	Other	NA	Electronic	87.53	87.62
Paypal	17-07-18	15:32-17:30			88.37	17-07-18 17:10	777.1524052	Other	NA	Electronic	88.3	88.37
Paypal	23-07-18	13:32-15:30			86.18	23-07-18 13:40	777.1524052	Other	NA	Electronic	86.18	86.36
Paypal	23-07-18	15:32-17:30			88.02	23-07-18 16:22	774.0743998	Other	NA	Electronic	87.9	88.02
Paypal	24-07-18	13:32-15:30			91.44	24-07-18 13:40	786.2984786	Other	NA	Electronic	91.44	91.53
Paypal	24-07-18	15:32-17:30			90.82	24-07-18 17:01	798.6984434	Other	NA	Electronic	90.73	90.81
Paypal	25-07-18	13:32-15:30			91.82	25-07-18 14:01	807.4927447	Other	NA	Electronic	91.74	91.82
Paypal	27-07-18	13:32-15:30			87	27-07-18 15:09	765.1042125	Other	NA	Electronic	87	87.08
Paypal	27-07-18	15:32-17:30			86.13	27-07-18 16:22	765.1042125	Other	NA	Electronic	86.05	86.13

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Paypal	31-07-18	13:32-15:30			82.24	31-07-18 13:59	723.2433383	Other	NA	Electronic	82.16	82.24
Paypal	01-08-18	13:32-15:30			82.35	01-08-18 13:43	723.2433383	Other	NA	Electronic	82.35	82.44
Paypal	06-08-18	13:32-15:30			85.82	06-08-18 13:52	754.7269369	Other	NA	Electronic	85.7	85.82
Paypal	09-08-18	15:32-17:30			87.84	09-08-18 15:42	754.7269369	Other	NA	Electronic	87.84	87.91
Paypal	13-08-18	15:32-17:30			87.77	13-08-18 15:33	771.8758245	Other	NA	Electronic	87.69	87.77
Paypal	15-08-18	13:32-15:30			86.32	15-08-18 13:58	771.8758245	Other	NA	Electronic	86.32	86.41
Paypal	15-08-18	15:32-17:30			84.72	15-08-18 15:58	745.0532055	Other	NA	Electronic	84.72	84.8
Paypal	16-08-18	13:32-15:30			85.03	16-08-18 13:55	747.7794389	Other	NA	Electronic	84.96	85.03
Paypal	17-08-18	13:32-15:30			84.41	17-08-18 15:05	745.0532055	Other	NA	Electronic	84.31	84.41
Paypal	21-08-18	13:32-15:30			87.27	21-08-18 14:28	767.4786738	Other	NA	Electronic	87.2	87.27
Paypal	23-08-18	13:32-15:30			87.62	23-08-18 13:43	770.5566793	Other	NA	Electronic	87.53	87.62
Paypal	28-08-18	15:32-17:30			90.87	28-08-18 17:14	799.1381585	Other	NA	Electronic	90.8	90.87
Paypal	29-08-18	13:32-15:30			92.24	29-08-18 13:42	799.1381585	Other	NA	Electronic	92.24	92.32
Paypal	05-09-18	13:32-15:30			91.99	05-09-18 13:47	808.9877759	Other	NA	Electronic	91.93	91.99
Paypal	05-09-18	15:32-17:30			89.82	05-09-18 15:34	2358.895436	Other	NA	Electronic	89.73	89.82



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Paypal	11-09-18	13:32-15:30			90.61	11-09-18 13:47	796.8516401	Other	NA	Electronic	90.53	90.61
Paypal	12-09-18	15:32-17:30			91.69	12-09-18 17:27	806.3494855	Other	NA	Electronic	91.62	91.69
Pearson	03-07-18	09:32-11:30			8.95	03-07-18 11:09	397.3230636	Other	NA	Electronic	8.92	8.95
Pearson	04-07-18	13:32-15:30			8.79	04-07-18 14:58	397.3230636	Other	NA	Electronic	8.79	8.82
Pepsico	10-07-18	13:32-15:30			110.38	10-07-18 13:40	948.4653944	Other	NA	Electronic	110.26	110.38
Pepsico	11-07-18	13:32-15:30			112.3	11-07-18 14:35	1971.68235	Other	NA	Electronic	112.21	112.3
Pepsico	11-07-18	15:32-17:30			112.72	11-07-18 15:53	991.2936417	Other	NA	Electronic	112.72	112.84
Pepsico	17-07-18	13:32-15:30			114.33	17-07-18 14:02	994.0198751	Other	NA	Electronic	114.23	114.33
Pepsico	01-08-18	13:32-15:30			113.76	01-08-18 14:19	1000.439715	Other	NA	Electronic	113.66	113.76
Pepsico	01-08-18	15:32-17:30			113.2	01-08-18 16:08	1000.439715	Other	NA	Electronic	113.2	113.3
Pepsico	20-08-18	15:32-17:30			115.02	20-08-18 17:01	1011.520535	Other	NA	Electronic	114.93	115.02
Pepsico	28-09-18	15:32-17:30			111.39	28-09-18 15:46	979.597221	Other	NA	Electronic	111.3	111.39
Perrigo	13-07-18	13:32-15:30			76.48	13-07-18 13:44	758.5084865	Other	NA	Electronic	76.48	76.72
Persimmon	20-09-18	13:32-15:30			24.35	20-09-18 14:11	270.2462737	Other	NA	Electronic	24.3	24.35
Persimmon	21-09-18	13:32-15:30			23.82	21-09-18 14:18	270.2462737	Other	NA	Electronic	23.82	23.88

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PetroleoBra	06-07-18	13:32-15:30			10.17	06-07-18 13:52	86.36003869	Other	NA	Electronic	10.17	10.23
PetroleoBra	10-07-18	13:32-15:30			10.71	10-07-18 14:16	83.89763433	Other	NA	Electronic	10.71	10.77
PetroleoBra	17-07-18	15:32-17:30			10.94	17-07-18 16:39	83.72174831	Other	NA	Electronic	10.88	10.94
PetroleoBra	20-07-18	15:32-17:30			11.35	20-07-18 15:45	99.81531967	Other	NA	Electronic	11.29	11.35
PetroleoBra	02-08-18	13:32-15:30			11.8	02-08-18 14:04	181.5143787	Other	NA	Electronic	11.8	11.87
PetroleoBra	03-08-18	13:32-15:30			12.51	03-08-18 13:40	110.0167092	Other	NA	Electronic	12.51	12.57
PetroleoBra	08-08-18	15:32-17:30			12.28	08-08-18 17:22	107.9940199	Other	NA	Electronic	12.28	12.34
PetroleoBra	13-08-18	15:32-17:30			11.29	13-08-18 15:59	87.32741184	Other	NA	Electronic	11.29	11.35
PetroleoBra	16-08-18	13:32-15:30			11.05	16-08-18 14:55	97.17702929	Other	NA	Electronic	11.05	11.11
PetroleoBra	16-08-18	15:32-17:30			11.03	16-08-18 17:25	97.17702929	Other	NA	Electronic	10.97	11.03
PetroleoBra	20-08-18	13:32-15:30			10.59	20-08-18 13:47	93.13165069	Other	NA	Electronic	10.59	10.66
PetroleoBra	21-08-18	13:32-15:30			10.59	21-08-18 15:07	93.13165069	Other	NA	Electronic	10.53	10.59
PetroleoBra	24-08-18	15:32-17:30			10.35	24-08-18 16:53	91.02101838	Other	NA	Electronic	10.29	10.35
PetroleoBra	27-08-18	13:32-15:30			10.53	27-08-18 15:05	277.8119778	Other	NA	Electronic	10.47	10.53
PetroleoBra	29-08-18	13:32-15:30			10.52	29-08-18 13:40	91.02101838	Other	NA	Electronic	10.52	10.58

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PetroleoBra	20-09-18	15:32-17:30			11.4	20-09-18 16:49	100.2550347	Other	NA	Electronic	11.34	11.4
Peugeot	20-07-18	11:32-13:30			20.589	20-07-18 12:24	209.71	Other	NA	Electronic	20.541	20.589
Peugeot	01-08-18	13:32-15:30			24.531	01-08-18 13:56	981.24	Other	NA	Electronic	24.531	24.579
Peugeot	02-08-18	13:32-15:30			24.031	02-08-18 14:31	214.69	Other	NA	Electronic	24.031	24.079
Peugeot	03-08-18	11:32-13:30			24.419	03-08-18 11:48	981.24	Other	NA	Electronic	24.361	24.419
Peugeot	22-08-18	09:32-11:30			24.481	22-08-18 09:36	734.43	Other	NA	Electronic	24.481	24.539
Peugeot	31-08-18	09:32-11:30			23.691	31-08-18 11:21	710.73	Other	NA	Electronic	23.691	23.749
Peugeot	03-09-18	09:32-11:30			23.679	03-09-18 10:58	710.73	Other	NA	Electronic	23.631	23.679
Peugeot	17-09-18	09:32-11:30			23.479	17-09-18 11:06	234.79	Other	NA	Electronic	23.431	23.479
Peugeot	17-09-18	13:32-15:30			23.521	17-09-18 14:51	234.79	Other	NA	Electronic	23.521	23.569
Pfizer	09-07-18	15:32-17:30			37.18	09-07-18 17:14	1307.888488	Other	NA	Electronic	37.18	37.24
Pfizer	10-07-18	13:32-15:30			37.26	10-07-18 13:40	327.6756662	Other	NA	Electronic	37.26	37.32
Pfizer	19-07-18	13:32-15:30			37.33	19-07-18 14:24	1641.456336	Other	NA	Electronic	37.33	37.39
Pfizer	24-07-18	13:32-15:30			37.43	24-07-18 13:55	1645.853487	Other	NA	Electronic	37.37	37.43
Pfizer	25-07-18	15:32-17:30			37.76	25-07-18 16:57	332.0728168	Other	NA	Electronic	37.7	37.76

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Pfizer	26-07-18	13:32-15:30			38.16	26-07-18 13:40	1645.853487	Other	NA	Electronic	38.16	38.22
Pfizer	27-07-18	13:32-15:30			38.2	27-07-18 14:29	335.9423094	Other	NA	Electronic	38.2	38.26
Pfizer	30-07-18	13:32-15:30			38.37	30-07-18 13:45	330.2260135	Other	NA	Electronic	38.31	38.37
Pfizer	01-08-18	13:32-15:30			39.78	01-08-18 14:33	1749.186527	Other	NA	Electronic	39.72	39.78
Pfizer	02-08-18	13:32-15:30			39.71	02-08-18 13:41	1758.420543	Other	NA	Electronic	39.71	39.77
Pfizer	08-08-18	15:30-15:32	41.38	727.816375								
Pfizer	09-08-18	15:32-17:30			40.84	09-08-18 17:00	359.1592648	Other	NA	Electronic	40.84	40.9
Pfizer	16-08-18	13:32-15:30			41.27	16-08-18 14:55	362.9408144	Other	NA	Electronic	41.21	41.27
Pfizer	20-08-18	15:32-17:30			42.46	20-08-18 15:42	373.4060329	Other	NA	Electronic	42.4	42.46
Pfizer	27-08-18	13:32-15:30			41.63	27-08-18 14:08	3661.067628	Other	NA	Electronic	41.57	41.63
Pfizer	28-08-18	13:32-15:30			41.31	28-08-18 14:00	363.2925864	Other	NA	Electronic	41.31	41.37
Pfizer	28-08-18	15:32-17:30			41.62	28-08-18 16:01	363.2925864	Other	NA	Electronic	41.56	41.62
Pfizer	07-09-18	13:32-15:30			41.6	07-09-18 13:44	368.3053381	Other	NA	Electronic	41.6	41.67
Pfizer	07-09-18	15:32-17:30			41.86	07-09-18 16:40	368.1294521	Other	NA	Electronic	41.8	41.86
Pfizer	12-09-18	13:32-15:30			42.8	12-09-18 14:10	376.3960953	Other	NA	Electronic	42.74	42.8

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Pfizer	13-09-18	13:32-15:30			42.58	13-09-18 13:46	374.461349	Other	NA	Electronic	42.52	42.58
Pfizer	14-09-18	13:32-15:30			42.53	14-09-18 14:03	374.461349	Other	NA	Electronic	42.53	42.59
Pfizer	17-09-18	15:32-17:30			43.11	17-09-18 15:56	379.1223287	Other	NA	Electronic	43.05	43.11
Pfizer	18-09-18	13:32-15:30			42.98	18-09-18 13:45	378.7705567	Other	NA	Electronic	42.98	43.04
Pfizer	18-09-18	15:32-17:30			43.47	18-09-18 16:31	382.2882772	Other	NA	Electronic	43.41	43.47
Pfizer	19-09-18	13:32-15:30			43.43	19-09-18 15:11	381.9365051	Other	NA	Electronic	43.37	43.43
Pfizer	19-09-18	15:32-17:30			43.08	19-09-18 16:47	381.9365051	Other	NA	Electronic	43.08	43.14
Pfizer	20-09-18	13:32-15:30			43.69	20-09-18 15:28	384.2230235	Other	NA	Electronic	43.63	43.69
Pfizer	21-09-18	13:32-15:30			43.66	21-09-18 13:40	383.9591944	Other	NA	Electronic	43.6	43.66
Pfizer	27-09-18	15:32-17:30			44.15	27-09-18 16:26	359.1592648	Other	NA	Electronic	44.09	44.15
PGS	09-07-18	09:32-11:30			38.068	09-07-18 10:36	39.06882612	Other	NA	Electronic	37.933	38.068
PGS	12-07-18	09:32-11:30			39.743	12-07-18 10:28	39.06882612	Other	NA	Electronic	39.743	39.838
Pharol	06-07-18	11:32-13:30			0.236	06-07-18 12:21	2.43	Other	NA	Electronic	0.236	0.243
Pharol	11-07-18	09:32-11:30			0.239	11-07-18 10:47	2.43	Other	NA	Electronic	0.239	0.244
Pharol	19-07-18	13:32-15:30			0.195	19-07-18 15:19	2.76	Other	NA	Electronic	0.195	0.243

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Pharol	26-07-18	09:32-11:30			0.214	26-07-18 10:10	2.14	Other	NA	Electronic	0.214	0.229
Pharol	01-08-18	11:32-13:30			0.226	01-08-18 12:31	2.51	Other	NA	Electronic	0.226	0.232
Pharol	07-09-18	13:32-15:30			0.193	07-09-18 14:49	1.93	Other	NA	Electronic	0.185	0.193
Pharol	17-09-18	09:32-11:30			0.188	17-09-18 11:16	1.88	Other	NA	Electronic	0.183	0.188
Pharol	18-09-18	09:32-11:30			0.179	18-09-18 09:43	17.9	Other	NA	Electronic	0.179	0.185
Pharol	18-09-18	11:32-13:30			0.185	18-09-18 11:55	17.9	Other	NA	Electronic	0.178	0.185
Pharol	20-09-18	09:32-11:30			0.189	20-09-18 11:01	1.88	Other	NA	Electronic	0.189	0.196
Pharol	27-09-18	13:32-15:30			0.183	27-09-18 15:12	1.83	Other	NA	Electronic	0.175	0.183
PhilipMorri	02-07-18	13:32-15:30			80.39	02-07-18 14:20	717.5270425	Other	NA	Electronic	80.39	80.48
PhilipMorri	25-07-18	13:32-15:30			84.49	25-07-18 13:48	2230.938352	Other	NA	Electronic	84.49	84.59
PhilipMorri	15-08-18	13:32-15:30			81.91	15-08-18 13:55	1540.233928	Other	NA	Electronic	81.91	82.04
Philips	09-07-18	13:32-15:30			37.382	09-07-18 14:06	373.82	Other	NA	Electronic	37.308	37.382
Philips	17-09-18	09:32-11:30			39.008	17-09-18 10:30	39008	Other	NA	Electronic	39.008	39.082
Piraeus Bank	04-07-18	09:32-11:30			2.807	04-07-18 10:35	224.56	Other	NA	Electronic	2.781	2.807
Piraeus Bank	11-07-18	11:32-13:30			2.751	11-07-18 12:06	55.02	Other	NA	Electronic	2.713	2.751

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Piraeus Bank	18-07-18	09:32-11:30			2.771	18-07-18 09:52	1385.5	Other	NA	Electronic	2.747	2.771
Piraeus Bank	19-07-18	11:32-13:30			2.761	19-07-18 12:52	55.02	Other	NA	Electronic	2.761	2.789
Piraeus Bank	20-07-18	11:32-13:30			2.663	20-07-18 13:26	35.04	Other	NA	Electronic	2.663	2.691
Piraeus Bank	25-07-18	11:32-13:30			2.517	25-07-18 12:03	25.17	Other	NA	Electronic	2.493	2.517
Piraeus Bank	01-08-18	11:32-13:30			2.681	01-08-18 12:30	36.15	Other	NA	Electronic	2.681	2.711
Piraeus Bank	22-08-18	11:32-13:30			2.337	22-08-18 12:47	131.94	Other	NA	Electronic	2.307	2.337
Piraeus Bank	27-08-18	13:32-15:30			2.455	27-08-18 13:35	1227.5	Other	NA	Electronic	2.431	2.455
Piraeus Bank	28-08-18	09:32-11:30			2.507	28-08-18 10:09	1225.5	Other	NA	Electronic	2.507	2.533
Piraeus Bank	29-08-18	11:32-13:30			2.493	29-08-18 11:48	1240.5	Other	NA	Electronic	2.493	2.523
Piraeus Bank	03-09-18	13:32-15:30			2.297	03-09-18 13:52	68.91	Other	NA	Electronic	2.273	2.297
Piraeus Bank	10-09-18	11:32-13:30			2.193	10-09-18 12:29	109.65	Other	NA	Electronic	2.193	2.219
Piraeus Bank	13-09-18	11:32-13:30			1.86	13-09-18 12:24	31.83	Other	NA	Electronic	1.86	1.884
Piraeus Bank	19-09-18	11:32-13:30			2.191	19-09-18 13:11	21.91	Other	NA	Electronic	2.163	2.191
Piraeus Bank	21-09-18	09:32-11:30			2.011	21-09-18 11:02	2011	Other	NA	Electronic	1.984	2.011
Piraeus Bank	26-09-18	09:32-11:30			2.007	26-09-18 11:10	20.53	Other	NA	Electronic	1.983	2.007

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Piraeus Bank	26-09-18	11:32-13:30			2.027	26-09-18 13:00	2011	Other	NA	Electronic	2.027	2.051
PitneyBowes	17-09-18	15:32-17:30			7.32	17-09-18 16:59	321.8714273	Other	NA	Electronic	7.26	7.32
PitneyBowes	28-09-18	13:32-15:30			7.08	28-09-18 14:20	62.26365315	Other	NA	Electronic	7.02	7.08
PLAT-JAN19	27-09-18	11:32-13:30			829.9	27-09-18 12:05	7282.560901	Other	NA	Electronic	825.5	829.9
PLAT-JAN19	27-09-18	13:32-15:30			819.3	27-09-18 14:30	7205.171049	Other	NA	Electronic	814.9	819.3
PLAT-JAN19	28-09-18	13:32-15:30			818.6	28-09-18 14:24	7160.320113	Other	NA	Electronic	818.6	823.1
PLAT-OCT18	02-07-18	09:32-11:30			844.9	02-07-18 10:18	7430.305162	Other	NA	Electronic	840.4	844.9
PLAT-OCT18	02-07-18	13:32-15:30			840.7	02-07-18 14:36	7393.369097	Other	NA	Electronic	836.4	840.7
PLAT-OCT18	02-07-18	15:32-17:30			829.3	02-07-18 16:16	7293.114062	Other	NA	Electronic	824.8	829.3
PLAT-OCT18	03-07-18	13:30-13:32	837.5	7246.504265								
PLAT-OCT18	04-07-18	11:32-13:30			836.7	04-07-18 13:02	7193.738457	Other	NA	Electronic	836.7	841.1
PLAT-OCT18	09-07-18	11:32-13:30			851.8	09-07-18 13:01	7430.305162	Other	NA	Electronic	851.8	856.2
PLAT-OCT18	10-07-18	11:32-13:30			844.4	10-07-18 11:41	7425.908012	Other	NA	Electronic	839.9	844.4
PLAT-OCT18	10-07-18	13:32-15:30			847.5	10-07-18 13:39	7453.170346	Other	NA	Electronic	843.1	847.5
PLAT-OCT18	11-07-18	13:32-15:30			837.5	11-07-18 15:24	7365.227333	Other	NA	Electronic	833.1	837.5



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PLAT-OCT18	12-07-18	13:32-15:30			843.5	12-07-18 14:32	7329.170697	Other	NA	Electronic	843.5	847.9
PLAT-OCT18	12-07-18	15:32-17:30			843.5	12-07-18 16:47	7353.794741	Other	NA	Electronic	843.5	847.8
PLAT-OCT18	13-07-18	09:32-11:30			837.1	13-07-18 10:51	7361.709612	Other	NA	Electronic	832.7	837.1
PLAT-OCT18	13-07-18	11:32-13:30			833.3	13-07-18 12:23	7328.291267	Other	NA	Electronic	828.9	833.3
PLAT-OCT18	13-07-18	13:32-15:30			830.4	13-07-18 14:06	7302.787794	Other	NA	Electronic	826	830.4
PLAT-OCT18	16-07-18	11:32-13:30			831.2	16-07-18 11:38	7309.823235	Other	NA	Electronic	826.8	831.2
PLAT-OCT18	16-07-18	13:32-15:30			827.2	16-07-18 13:43	7274.646029	Other	NA	Electronic	822.8	827.2
PLAT-OCT18	17-07-18	13:30-13:32	820.7	7217.483071								
PLAT-OCT18	18-07-18	09:32-11:30			810.7	18-07-18 10:53	7129.540058	Other	NA	Electronic	806.3	810.7
PLAT-OCT18	18-07-18	13:32-15:30			814.3	18-07-18 15:10	7129.540058	Other	NA	Electronic	814.3	818.9
PLAT-OCT18	19-07-18	09:32-11:30			803.7	19-07-18 10:26	7067.979949	Other	NA	Electronic	799.3	803.7
PLAT-OCT18	19-07-18	11:32-13:30			799.2	19-07-18 12:04	7028.405593	Other	NA	Electronic	799.2	803.6
PLAT-OCT18	19-07-18	13:30-13:32	804.4	7074.13596								
PLAT-OCT18	19-07-18	15:32-17:30			812	19-07-18 17:08	7028.405593	Other	NA	Electronic	807.5	812
PLAT-OCT18	20-07-18	09:32-11:30			821.5	20-07-18 10:18	7224.518512	Other	NA	Electronic	817.1	821.5

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PLAT-OCT18	20-07-18	11:32-13:30			816.7	20-07-18 11:44	7179.667575	Other	NA	Electronic	816.7	821.1
PLAT-OCT18	20-07-18	13:32-15:30			825.8	20-07-18 13:45	7148.887521	Other	NA	Electronic	825.8	830.2
PLAT-OCT18	23-07-18	11:32-13:30			834.7	23-07-18 12:23	7302.787794	Other	NA	Electronic	834.7	839.2
PLAT-OCT18	23-07-18	13:32-15:30			834.3	23-07-18 13:35	7337.085569	Other	NA	Electronic	829.8	834.3
PLAT-OCT18	24-07-18	11:32-13:30			841.7	24-07-18 12:38	7274.646029	Other	NA	Electronic	841.7	846.1
PLAT-OCT18	24-07-18	13:32-15:30			845.2	24-07-18 13:57	7328.291267	Other	NA	Electronic	845.2	849.5
PLAT-OCT18	27-07-18	09:32-11:30			823.9	27-07-18 09:50	7245.624835	Other	NA	Electronic	823.9	828.2
PLAT-OCT18	27-07-18	11:32-13:30			831.3	27-07-18 12:24	7245.624835	Other	NA	Electronic	827	831.3
PLAT-OCT18	31-07-18	11:32-13:30			828.9	31-07-18 13:08	7289.596342	Other	NA	Electronic	828.9	833.3
PLAT-OCT18	31-07-18	13:32-15:30			838.3	31-07-18 14:02	7289.596342	Other	NA	Electronic	833.7	838.3
PLAT-OCT18	31-07-18	15:30-15:32	838.1	7317.738106								
PLAT-OCT18	01-08-18	09:32-11:30			829	01-08-18 09:43	7586.843725	Other	NA	Electronic	829	833.4
PLAT-OCT18	01-08-18	13:32-15:30			814.9	01-08-18 15:10	7348.51816	Other	NA	Electronic	813.5	819.1
PLAT-OCT18	01-08-18	15:32-17:30			821.8	01-08-18 15:52	7227.156802	Other	NA	Electronic	817.4	821.8
PLAT-OCT18	02-08-18	09:32-11:30			813.8	02-08-18 09:56	7234.192243	Other	NA	Electronic	813.8	818.3

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PLAT-OCT18	02-08-18	11:32-13:30			826.6	02-08-18 12:41	7269.369449	Other	NA	Electronic	822.2	826.6
PLAT-OCT18	02-08-18	13:32-15:30			830.6	02-08-18 14:43	7211.32706	Other	NA	Electronic	830.6	835
PLAT-OCT18	03-08-18	09:32-11:30			831.8	03-08-18 10:14	7315.099815	Other	NA	Electronic	827.4	831.8
PLAT-OCT18	09-08-18	09:32-11:30			842	09-08-18 10:22	7404.801689	Other	NA	Electronic	837.6	842
PLAT-OCT18	13-08-18	11:32-13:30			809.8	13-08-18 11:34	7404.801689	Other	NA	Electronic	809.8	814.2
PLAT-OCT18	13-08-18	13:32-15:30			811.7	13-08-18 14:31	7138.334359	Other	NA	Electronic	807.4	811.7
PLAT-OCT18	13-08-18	15:32-17:30			805	13-08-18 16:03	7079.412541	Other	NA	Electronic	800.5	805
PLAT-OCT18	14-08-18	13:32-15:30			801	14-08-18 13:38	7117.228036	Other	NA	Electronic	801	805.4
PLAT-OCT18	14-08-18	15:32-17:30			800.2	14-08-18 17:16	7037.199894	Other	NA	Electronic	795.8	800.2
PLAT-OCT18	15-08-18	09:32-11:30			779.8	15-08-18 10:40	6857.796148	Other	NA	Electronic	779.8	784.3
PLAT-OCT18	15-08-18	11:32-13:30			769.8	15-08-18 12:59	7510.333304	Other	NA	Electronic	769.8	774.1
PLAT-OCT18	15-08-18	13:32-15:30			763.4	15-08-18 13:59	13427.13921	Other	NA	Electronic	759	763.4
PLAT-OCT18	15-08-18	15:32-17:30			772.2	15-08-18 17:01	6857.796148	Other	NA	Electronic	767.8	772.2
PLAT-OCT18	16-08-18	13:32-15:30			789	16-08-18 14:23	13427.13921	Other	NA	Electronic	789	793.4
PLAT-OCT18	21-08-18	13:32-15:30			792.3	21-08-18 14:03	6965.086624	Other	NA	Electronic	792.3	796.8

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PLAT-OCT18	24-08-18	15:32-17:30			788.2	24-08-18 16:51	6931.668279	Other	NA	Electronic	788.2	792.6
PLAT-OCT18	27-08-18	11:32-13:30			793.7	27-08-18 11:57	6931.668279	Other	NA	Electronic	789.2	793.7
PLAT-OCT18	27-08-18	13:32-15:30			802.5	27-08-18 14:38	7037.199894	Other	NA	Electronic	802.5	807
PLAT-OCT18	28-08-18	13:32-15:30			797.9	28-08-18 14:19	6940.46258	Other	NA	Electronic	797.9	802.3
PLAT-OCT18	29-08-18	09:32-11:30			791.3	29-08-18 10:45	6958.930613	Other	NA	Electronic	786.9	791.3
PLAT-OCT18	31-08-18	15:30-15:32	789.4	6942.221441								
PLAT-OCT18	04-09-18	13:32-15:30			776.7	04-09-18 14:52	6830.533814	Other	NA	Electronic	772.4	776.7
PLAT-OCT18	05-09-18	13:32-15:30			785.1	05-09-18 14:58	6904.405945	Other	NA	Electronic	780.7	785.1
PLAT-OCT18	06-09-18	13:32-15:30			792	06-09-18 13:42	6942.221441	Other	NA	Electronic	792	796.5
PLAT-OCT18	07-09-18	11:32-13:30			783.1	07-09-18 12:53	6886.817342	Other	NA	Electronic	778.6	783.1
PLAT-OCT18	10-09-18	11:32-13:30			790.8	10-09-18 12:51	6886.817342	Other	NA	Electronic	790.8	795.2
PLAT-OCT18	11-09-18	11:32-13:30			780.1	11-09-18 12:43	6849.001847	Other	NA	Electronic	780.1	784.6
PLAT-OCT18	14-09-18	15:32-17:30			800.5	14-09-18 16:01	7039.838185	Other	NA	Electronic	795.8	800.5
PLAT-OCT18	17-09-18	13:32-15:30			804.4	17-09-18 14:46	7039.838185	Other	NA	Electronic	804.4	808.8
PLAT-OCT18	18-09-18	13:32-15:30			815.8	18-09-18 13:41	7138.334359	Other	NA	Electronic	815.8	820.2

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PLAT-OCT18	18-09-18	15:32-17:30			818.7	18-09-18 15:57	7199.894468	Other	NA	Electronic	814.3	818.7
PLAT-OCT18	20-09-18	13:32-15:30			832.3	20-09-18 14:41	7099.639434	Other	NA	Electronic	832.3	836.7
POL20Cash	02-07-18	09:32-11:30			2,120.00	02-07-18 10:57	493.6339844	Other	NA	Electronic	2,120.00	2,123.00
POL20Cash	02-07-18	13:30-13:32	2,117.00	2930.369667								
POL20Cash	03-07-18	09:32-11:30			2,145.00	03-07-18 10:13	1496.968342	Other	NA	Electronic	2,145.00	2,148.00
POL20Cash	03-07-18	13:32-15:30			2,159.00	03-07-18 13:49	493.4011382	Other	NA	Electronic	2,155.00	2,159.00
POL20Cash	04-07-18	09:32-11:30			2,168.00	04-07-18 11:17	5034.135256	Other	NA	Electronic	2,168.00	2,171.00
POL20Cash	04-07-18	11:32-13:30			2,165.00	04-07-18 12:32	504.1120642	Other	NA	Electronic	2,165.00	2,168.00
POL20Cash	04-07-18	13:32-15:30			2,174.00	04-07-18 13:59	506.9062189	Other	NA	Electronic	2,174.00	2,177.00
POL20Cash	05-07-18	11:32-13:30			2,181.00	05-07-18 11:40	507.8376037	Other	NA	Electronic	2,178.00	2,181.00
POL20Cash	05-07-18	13:32-15:30			2,165.00	05-07-18 13:34	507.8376037	Other	NA	Electronic	2,165.00	2,168.00
POL20Cash	06-07-18	09:32-11:30			2,159.00	06-07-18 10:03	1003.101512	Other	NA	Electronic	2,159.00	2,162.00
POL20Cash	06-07-18	13:32-15:30			2,158.00	06-07-18 13:40	501.783602	Other	NA	Electronic	2,158.00	2,161.00
POL20Cash	09-07-18	09:32-11:30			2,162.00	09-07-18 10:50	504.3449104	Other	NA	Electronic	2,162.00	2,165.00
POL20Cash	09-07-18	11:32-13:30			2,141.00	09-07-18 12:06	498.523755	Other	NA	Electronic	2,141.00	2,144.00

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POL20Cash	09-07-18	13:32-15:30			2,150.00	09-07-18 14:16	500.6193709	Other	NA	Electronic	2,147.00	2,150.00
POL20Cash	10-07-18	09:32-11:30			2,177.00	10-07-18 09:47	503.879218	Other	NA	Electronic	2,177.00	2,180.00
POL20Cash	10-07-18	11:32-13:30			2,185.00	10-07-18 11:52	493.6339844	Other	NA	Electronic	2,185.00	2,188.00
POL20Cash	10-07-18	13:30-13:32	2,188.00	1018.935055								
POL20Cash	11-07-18	09:32-11:30			2,149.00	11-07-18 10:02	500.3865247	Other	NA	Electronic	2,146.00	2,149.00
POL20Cash	11-07-18	11:32-13:30			2,160.00	11-07-18 12:21	1507.446422	Other	NA	Electronic	2,160.00	2,163.00
POL20Cash	11-07-18	13:32-15:30			2,160.00	11-07-18 13:32	502.9478331	Other	NA	Electronic	2,157.00	2,160.00
POL20Cash	12-07-18	09:32-11:30			2,161.00	12-07-18 09:37	503.1806794	Other	NA	Electronic	2,161.00	2,164.00
POL20Cash	12-07-18	11:32-13:30			2,162.00	12-07-18 12:27	2013.654102	Other	NA	Electronic	2,162.00	2,165.00
POL20Cash	12-07-18	13:32-15:30			2,163.00	12-07-18 13:47	503.879218	Other	NA	Electronic	2,160.00	2,163.00
POL20Cash	13-07-18	11:32-13:30			2,157.00	13-07-18 12:11	2008.065793	Other	NA	Electronic	2,157.00	2,160.00
POL20Cash	13-07-18	13:32-15:30			2,154.00	13-07-18 13:35	1002.170127	Other	NA	Electronic	2,154.00	2,157.00
POL20Cash	16-07-18	09:32-11:30			2,154.00	16-07-18 09:34	503.1806794	Other	NA	Electronic	2,154.00	2,157.00
POL20Cash	16-07-18	11:32-13:30			2,154.00	16-07-18 11:40	503.879218	Other	NA	Electronic	2,151.00	2,154.00
POL20Cash	16-07-18	13:32-15:30			2,147.00	16-07-18 14:08	1499.762497	Other	NA	Electronic	2,147.00	2,150.00

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POL20Cash	17-07-18	09:32-11:30			2,139.00	17-07-18 09:44	499.4551398	Other	NA	Electronic	2,139.00	2,142.00
POL20Cash	17-07-18	11:32-13:30			2,139.00	17-07-18 12:29	498.0580625	Other	NA	Electronic	2,136.00	2,139.00
POL20Cash	17-07-18	13:32-15:30			2,144.00	17-07-18 13:56	498.0580625	Other	NA	Electronic	2,144.00	2,147.00
POL20Cash	18-07-18	09:32-11:30			2,161.00	18-07-18 09:33	502.9478331	Other	NA	Electronic	2,161.00	2,164.00
POL20Cash	18-07-18	11:32-13:30			2,149.00	18-07-18 12:10	2501.932624	Other	NA	Electronic	2,146.00	2,149.00
POL20Cash	18-07-18	13:32-15:30			2,147.00	18-07-18 13:37	1001.238742	Other	NA	Electronic	2,144.00	2,147.00
POL20Cash	19-07-18	09:32-11:30			2,141.00	19-07-18 09:32	498.523755	Other	NA	Electronic	2,141.00	2,144.00
POL20Cash	19-07-18	11:32-13:30			2,135.00	19-07-18 11:53	2482.140695	Other	NA	Electronic	2,135.00	2,138.00
POL20Cash	19-07-18	13:30-13:32	2,139.00	496.6609852								
POL20Cash	20-07-18	09:32-11:30			2,175.00	20-07-18 09:55	504.3449104	Other	NA	Electronic	2,175.00	2,178.00
POL20Cash	20-07-18	11:32-13:30			2,161.00	20-07-18 12:59	503.1806794	Other	NA	Electronic	2,158.00	2,161.00
POL20Cash	20-07-18	13:32-15:30			2,169.00	20-07-18 14:00	2515.903397	Other	NA	Electronic	2,169.00	2,172.00
POL20Cash	23-07-18	09:32-11:30			2,205.00	23-07-18 09:32	513.425913	Other	NA	Electronic	2,205.00	2,208.00
POL20Cash	23-07-18	13:32-15:30			2,210.00	23-07-18 13:50	1029.180288	Other	NA	Electronic	2,210.00	2,213.00
POL20Cash	24-07-18	09:32-11:30			2,237.00	24-07-18 10:07	518.5485298	Other	NA	Electronic	2,234.00	2,237.00

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POL20Cash	24-07-18	11:32-13:30			2,238.00	24-07-18 12:24	521.1098382	Other	NA	Electronic	2,238.00	2,241.00
POL20Cash	24-07-18	13:32-15:30			2,238.00	24-07-18 13:56	521.1098382	Other	NA	Electronic	2,238.00	2,241.00
POL20Cash	25-07-18	09:32-11:30			2,247.00	25-07-18 09:59	523.2054542	Other	NA	Electronic	2,247.00	2,250.00
POL20Cash	25-07-18	11:32-13:30			2,248.00	25-07-18 12:30	2093.753202	Other	NA	Electronic	2,248.00	2,251.00
POL20Cash	25-07-18	13:32-15:30			2,261.00	25-07-18 13:51	503.1806794	Other	NA	Electronic	2,261.00	2,264.00
POL20Cash	26-07-18	09:32-11:30			2,276.00	26-07-18 09:47	1589.873984	Other	NA	Electronic	2,276.00	2,279.00
POL20Cash	26-07-18	11:32-13:30			2,293.00	26-07-18 11:40	985.8708914	Other	NA	Electronic	2,288.00	2,293.00
POL20Cash	26-07-18	13:30-13:32	2,303.00	535.77915								
POL20Cash	27-07-18	09:30-09:32	2,292.00	532.2864567								
POL20Cash	27-07-18	13:32-15:30			2,295.00	27-07-18 14:12	5353.134576	Other	NA	Electronic	2,292.00	2,295.00
POL20Cash	30-07-18	09:32-11:30			2,300.00	30-07-18 10:03	535.5463038	Other	NA	Electronic	2,300.00	2,303.00
POL20Cash	30-07-18	11:32-13:30			2,308.00	30-07-18 11:50	536.0119962	Other	NA	Electronic	2,308.00	2,311.00
POL20Cash	30-07-18	13:32-15:30			2,315.00	30-07-18 13:45	539.0389971	Other	NA	Electronic	2,315.00	2,319.00
POL20Cash	31-07-18	09:32-11:30			2,312.00	31-07-18 10:05	4306.723667	Other	NA	Electronic	2,312.00	2,315.00
POL20Cash	31-07-18	11:32-13:30			2,322.00	31-07-18 11:49	2162.675682	Other	NA	Electronic	2,322.00	2,325.00



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
POL20Cash	31-07-18	13:32-15:30			2,311.00	31-07-18 13:51	538.8061509	Other	NA	Electronic	2,308.00	2,311.00
POL20Cash	01-08-18	09:32-11:30			2,297.00	01-08-18 09:32	534.8477651	Other	NA	Electronic	2,294.00	2,297.00
POL20Cash	01-08-18	11:32-13:30			2,281.00	01-08-18 12:16	1594.065216	Other	NA	Electronic	2,278.00	2,281.00
POL20Cash	01-08-18	13:32-15:30			2,295.00	01-08-18 14:09	534.8477651	Other	NA	Electronic	2,295.00	2,298.00
POL20Cash	02-08-18	09:32-11:30			2,286.00	02-08-18 09:46	528.7937634	Other	NA	Electronic	2,286.00	2,290.00
POL20Cash	02-08-18	13:32-15:30			2,289.00	02-08-18 13:58	532.9849954	Other	NA	Electronic	2,286.00	2,289.00
POL20Cash	03-08-18	11:32-13:30			2,300.00	03-08-18 11:43	532.9849954	Other	NA	Electronic	2,300.00	2,303.00
POL20Cash	03-08-18	13:32-15:30			2,283.00	03-08-18 13:45	531.5879181	Other	NA	Electronic	2,283.00	2,286.00
POL20Cash	06-08-18	09:32-11:30			2,275.00	06-08-18 09:46	531.5879181	Other	NA	Electronic	2,272.00	2,275.00
POL20Cash	06-08-18	11:32-13:30			2,288.00	06-08-18 11:36	532.7521492	Other	NA	Electronic	2,288.00	2,291.00
POL20Cash	07-08-18	09:32-11:30			2,299.00	07-08-18 09:40	535.3134576	Other	NA	Electronic	2,299.00	2,302.00
POL20Cash	08-08-18	11:32-13:30			2,319.00	08-08-18 12:59	539.970382	Other	NA	Electronic	2,319.00	2,322.00
POL20Cash	08-08-18	13:32-15:30			2,302.00	08-08-18 14:39	2158.950143	Other	NA	Electronic	2,299.00	2,302.00
POL20Cash	09-08-18	09:32-11:30			2,305.00	09-08-18 10:11	536.0119962	Other	NA	Electronic	2,305.00	2,308.00
POL20Cash	10-08-18	09:32-11:30			2,291.00	10-08-18 10:28	1077.146609	Other	NA	Electronic	2,288.00	2,291.00

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POL20Cash	10-08-18	11:32-13:30			2,274.00	10-08-18 12:12	529.2594559	Other	NA	Electronic	2,271.00	2,274.00
POL20Cash	10-08-18	13:32-15:30			2,266.00	10-08-18 14:17	1582.888597	Other	NA	Electronic	2,263.00	2,266.00
POL20Cash	13-08-18	09:32-11:30			2,251.00	13-08-18 10:42	524.1368391	Other	NA	Electronic	2,251.00	2,254.00
POL20Cash	13-08-18	11:32-13:30			2,250.00	13-08-18 11:42	524.1368391	Other	NA	Electronic	2,247.00	2,250.00
POL20Cash	13-08-18	13:32-15:30			2,259.00	13-08-18 13:34	520.6441458	Other	NA	Electronic	2,256.00	2,259.00
POL20Cash	14-08-18	09:32-11:30			2,266.00	14-08-18 11:18	1055.259065	Other	NA	Electronic	2,266.00	2,269.00
POL20Cash	14-08-18	11:32-13:30			2,257.00	14-08-18 12:01	529.2594559	Other	NA	Electronic	2,254.00	2,257.00
POL20Cash	14-08-18	13:32-15:30			2,264.00	14-08-18 13:53	527.1638399	Other	NA	Electronic	2,264.00	2,267.00
POL20Cash	16-08-18	09:32-11:30			2,257.00	16-08-18 10:41	525.5339164	Other	NA	Electronic	2,254.00	2,257.00
POL20Cash	16-08-18	11:32-13:30			2,257.00	16-08-18 11:44	525.3010702	Other	NA	Electronic	2,257.00	2,260.00
POL20Cash	17-08-18	09:32-11:30			2,239.00	17-08-18 11:06	521.3426844	Other	NA	Electronic	2,239.00	2,242.00
POL20Cash	17-08-18	13:32-15:30			2,227.00	17-08-18 13:47	1057.587527	Other	NA	Electronic	2,224.00	2,227.00
POL20Cash	20-08-18	09:32-11:30			2,236.00	20-08-18 09:56	520.6441458	Other	NA	Electronic	2,236.00	2,240.00
POL20Cash	20-08-18	11:32-13:30			2,237.00	20-08-18 11:57	520.876992	Other	NA	Electronic	2,237.00	2,240.00
POL20Cash	20-08-18	13:32-15:30			2,231.00	20-08-18 14:00	1038.959829	Other	NA	Electronic	2,231.00	2,234.00

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POL20Cash	21-08-18	09:32-11:30			2,270.00	21-08-18 10:06	1057.121834	Other	NA	Electronic	2,267.00	2,270.00
POL20Cash	21-08-18	11:30-11:32	2,273.00	1057.587527								
POL20Cash	21-08-18	13:32-15:30			2,289.00	21-08-18 13:44	1587.079829	Other	NA	Electronic	2,285.00	2,289.00
POL20Cash	22-08-18	09:32-11:30			2,291.00	22-08-18 10:14	533.4506878	Other	NA	Electronic	2,291.00	2,294.00
POL20Cash	22-08-18	11:32-13:30			2,291.00	22-08-18 12:10	533.4506878	Other	NA	Electronic	2,291.00	2,294.00
POL20Cash	23-08-18	09:32-11:30			2,313.00	23-08-18 10:48	1050.136448	Other	NA	Electronic	2,313.00	2,316.00
POL20Cash	23-08-18	11:32-13:30			2,331.00	23-08-18 12:20	527.6295324	Other	NA	Electronic	2,327.00	2,331.00
POL20Cash	23-08-18	13:32-15:30			2,327.00	23-08-18 14:27	509.7003735	Other	NA	Electronic	2,327.00	2,330.00
POL20Cash	24-08-18	13:32-15:30			2,312.00	24-08-18 14:25	529.2594559	Other	NA	Electronic	2,309.00	2,312.00
POL20Cash	27-08-18	09:32-11:30			2,359.00	27-08-18 09:40	542.7645366	Other	NA	Electronic	2,359.00	2,362.00
POL20Cash	27-08-18	11:32-13:30			2,368.00	27-08-18 12:06	1647.852692	Other	NA	Electronic	2,365.00	2,368.00
POL20Cash	27-08-18	13:32-15:30			2,369.00	27-08-18 13:53	551.6126929	Other	NA	Electronic	2,369.00	2,372.00
POL20Cash	28-08-18	09:32-11:30			2,378.00	28-08-18 09:49	553.7083089	Other	NA	Electronic	2,375.00	2,378.00
POL20Cash	28-08-18	11:32-13:30			2,394.00	28-08-18 11:46	557.4338484	Other	NA	Electronic	2,391.00	2,394.00
POL20Cash	28-08-18	13:32-15:30			2,384.00	28-08-18 14:38	555.1053862	Other	NA	Electronic	2,384.00	2,387.00

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POL20Cash	29-08-18	13:32-15:30			2,379.00	29-08-18 14:26	519.0142222	Other	NA	Electronic	2,379.00	2,383.00
POL20Cash	31-08-18	09:32-11:30			2,340.00	31-08-18 10:36	550.4484618	Other	NA	Electronic	2,337.00	2,340.00
POL20Cash	03-09-18	09:32-11:30			2,363.00	03-09-18 09:33	5502.156156	Other	NA	Electronic	2,360.00	2,363.00
POL20Cash	04-09-18	09:32-11:30			2,341.00	04-09-18 11:23	545.0929988	Other	NA	Electronic	2,341.00	2,344.00
POL20Cash	04-09-18	11:32-13:30			2,333.00	04-09-18 11:54	543.230229	Other	NA	Electronic	2,333.00	2,337.00
POL20Cash	05-09-18	09:32-11:30			2,316.00	05-09-18 10:31	2765.048851	Other	NA	Electronic	2,313.00	2,316.00
POL20Cash	05-09-18	11:32-13:30			2,312.00	05-09-18 12:01	555.1053862	Other	NA	Electronic	2,309.00	2,312.00
POL20Cash	05-09-18	13:32-15:30			2,308.00	05-09-18 14:02	1616.418453	Other	NA	Electronic	2,305.00	2,308.00
POL20Cash	06-09-18	11:32-13:30			2,302.00	06-09-18 12:20	1611.528682	Other	NA	Electronic	2,299.00	2,302.00
POL20Cash	07-09-18	09:32-11:30			2,286.00	07-09-18 09:44	549.9827694	Other	NA	Electronic	2,286.00	2,289.00
POL20Cash	07-09-18	11:32-13:30			2,269.00	07-09-18 12:25	528.328071	Other	NA	Electronic	2,269.00	2,272.00
POL20Cash	07-09-18	13:30-13:32	2,258.00	533.4506878								
POL20Cash	10-09-18	09:32-11:30			2,267.00	10-09-18 10:36	2639.311893	Other	NA	Electronic	2,264.00	2,267.00
POL20Cash	10-09-18	11:32-13:30			2,272.00	10-09-18 12:11	530.8893794	Other	NA	Electronic	2,269.00	2,272.00
POL20Cash	11-09-18	09:32-11:30			2,245.00	11-09-18 09:47	524.8353777	Other	NA	Electronic	2,242.00	2,245.00

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POL20Cash	11-09-18	11:32-13:30			2,240.00	11-09-18 12:53	521.5755307	Other	NA	Electronic	2,240.00	2,243.00
POL20Cash	12-09-18	09:32-11:30			2,244.00	12-09-18 09:47	2612.534578	Other	NA	Electronic	2,241.00	2,244.00
POL20Cash	12-09-18	11:32-13:30			2,230.00	12-09-18 11:38	2596.235342	Other	NA	Electronic	2,227.00	2,230.00
POL20Cash	12-09-18	13:32-15:30			2,226.00	12-09-18 13:44	2073.262734	Other	NA	Electronic	2,223.00	2,226.00
POL20Cash	13-09-18	09:32-11:30			2,226.00	13-09-18 09:36	2591.578418	Other	NA	Electronic	2,226.00	2,229.00
POL20Cash	13-09-18	13:32-15:30			2,238.00	13-09-18 14:20	518.5485298	Other	NA	Electronic	2,238.00	2,241.00
POL20Cash	14-09-18	09:32-11:30			2,225.00	14-09-18 11:21	1036.165675	Other	NA	Electronic	2,221.00	2,225.00
POL20Cash	14-09-18	11:32-13:30			2,221.00	14-09-18 13:03	517.1514525	Other	NA	Electronic	2,218.00	2,221.00
POL20Cash	14-09-18	13:32-15:30			2,225.00	14-09-18 14:16	516.6857601	Other	NA	Electronic	2,225.00	2,228.00
POL20Cash	17-09-18	09:32-11:30			2,214.00	17-09-18 10:18	515.521529	Other	NA	Electronic	2,214.00	2,217.00
POL20Cash	17-09-18	11:32-13:30			2,215.00	17-09-18 13:29	515.7543752	Other	NA	Electronic	2,212.00	2,215.00
POL20Cash	17-09-18	13:32-15:30			2,215.00	17-09-18 13:51	515.7543752	Other	NA	Electronic	2,212.00	2,215.00
POL20Cash	18-09-18	09:32-11:30			2,239.00	18-09-18 09:32	521.3426844	Other	NA	Electronic	2,236.00	2,239.00
POL20Cash	18-09-18	11:32-13:30			2,240.00	18-09-18 12:50	2596.235342	Other	NA	Electronic	2,240.00	2,243.00
POL20Cash	18-09-18	13:30-13:32	2,228.00	2075.125504								

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POL20Cash	19-09-18	09:32-11:30			2,233.00	19-09-18 10:06	5171.514525	Other	NA	Electronic	2,233.00	2,237.00
POL20Cash	19-09-18	13:30-13:32	2,264.00	5270.474168								
POL20Cash	20-09-18	11:32-13:30			2,266.00	20-09-18 11:59	2638.147662	Other	NA	Electronic	2,263.00	2,266.00
POL20Cash	20-09-18	13:32-15:30			2,260.00	20-09-18 13:54	5262.32455	Other	NA	Electronic	2,257.00	2,260.00
POL20Cash	21-09-18	09:32-11:30			2,258.00	21-09-18 09:37	526.9309937	Other	NA	Electronic	2,255.00	2,258.00
POL20Cash	21-09-18	13:32-15:30			2,275.00	21-09-18 14:26	526.6981475	Other	NA	Electronic	2,275.00	2,278.00
POL20Cash	24-09-18	11:32-13:30			2,273.00	24-09-18 13:20	2110.518129	Other	NA	Electronic	2,273.00	2,276.00
POL20Cash	24-09-18	13:32-15:30			2,280.00	24-09-18 14:37	1036.165675	Other	NA	Electronic	2,280.00	2,283.00
POL20Cash	25-09-18	09:32-11:30			2,299.00	25-09-18 09:33	535.3134576	Other	NA	Electronic	2,299.00	2,302.00
POL20Cash	25-09-18	13:32-15:30			2,314.00	25-09-18 13:53	2590.414187	Other	NA	Electronic	2,311.00	2,314.00
POL20Cash	27-09-18	11:32-13:30			2,311.00	27-09-18 12:56	527.6295324	Other	NA	Electronic	2,308.00	2,311.00
POL20Cash	27-09-18	13:32-15:30			2,303.00	27-09-18 13:57	1035.23429	Other	NA	Electronic	2,303.00	2,306.00
POL20Cash	28-09-18	09:32-11:30			2,304.00	28-09-18 09:32	537.1762273	Other	NA	Electronic	2,304.00	2,308.00
POL20Cash	28-09-18	11:32-13:30			2,265.00	28-09-18 12:16	532.0536105	Other	NA	Electronic	2,262.00	2,265.00
POL20Cash	28-09-18	13:32-15:30			2,271.00	28-09-18 13:37	528.7937634	Other	NA	Electronic	2,271.00	2,274.00

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PolymetalInternational	20-09-18	11:32-13:30			6.467	20-09-18 13:00	358.8670743	Other	NA	Electronic	6.431	6.467
PolymetalInternational	27-09-18	13:32-15:30			6.193	27-09-18 15:16	358.8670743	Other	NA	Electronic	6.193	6.231
Poste Italiane	05-07-18	09:32-11:30			7.408	05-07-18 10:27	74.08	Other	NA	Electronic	7.387	7.408
Poste Italiane	05-07-18	11:32-13:30			7.373	05-07-18 13:22	73.73	Other	NA	Electronic	7.373	7.392
Poste Italiane	05-07-18	13:32-15:30			7.364	05-07-18 14:00	73.73	Other	NA	Electronic	7.347	7.364
Poste Italiane	10-07-18	13:32-15:30			7.566	10-07-18 13:45	75.66	Other	NA	Electronic	7.549	7.566
Poste Italiane	24-07-18	13:32-15:30			7.753	24-07-18 14:47	75.66	Other	NA	Electronic	7.753	7.772
Poste Italiane	01-08-18	11:32-13:30			7.988	01-08-18 12:30	128.04	Other	NA	Electronic	7.967	7.988
Poste Italiane	08-08-18	13:32-15:30			7.36	08-08-18 14:24	73.85	Other	NA	Electronic	7.341	7.36
Poste Italiane	17-08-18	09:32-11:30			6.855	17-08-18 10:37	68.55	Other	NA	Electronic	6.855	6.874
Poste Italiane	20-08-18	11:32-13:30			6.78	20-08-18 13:12	67.8	Other	NA	Electronic	6.761	6.78
Poste Italiane	20-08-18	13:32-15:30			6.784	20-08-18 14:07	68.55	Other	NA	Electronic	6.765	6.784
Poste Italiane	21-08-18	09:32-11:30			6.883	21-08-18 10:12	68.82	Other	NA	Electronic	6.883	6.902
Poste Italiane	24-08-18	09:32-11:30			6.81	24-08-18 09:36	68.1	Other	NA	Electronic	6.791	6.81
Poste Italiane	24-08-18	11:32-13:30			6.783	24-08-18 12:28	67.83	Other	NA	Electronic	6.783	6.802

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Poste Italiane	28-08-18	11:32-13:30			6.766	28-08-18 13:18	67.83	Other	NA	Electronic	6.747	6.766
Poste Italiane	03-09-18	09:32-11:30			6.706	03-09-18 10:32	67.37	Other	NA	Electronic	6.687	6.706
Poste Italiane	03-09-18	11:32-13:30			6.659	03-09-18 13:18	69.06	Other	NA	Electronic	6.659	6.678
Poste Italiane	04-09-18	09:32-11:30			6.854	04-09-18 11:23	68.54	Other	NA	Electronic	6.837	6.854
Poste Italiane	07-09-18	11:32-13:30			6.949	07-09-18 12:50	69.49	Other	NA	Electronic	6.949	6.968
Poste Italiane	07-09-18	13:32-15:30			7.004	07-09-18 14:12	69.49	Other	NA	Electronic	6.983	7.004
Poste Italiane	20-09-18	11:32-13:30			7.068	20-09-18 11:50	706.8	Other	NA	Electronic	7.049	7.068
Poste Italiane	24-09-18	11:32-13:30			7.131	24-09-18 12:05	70.46	Other	NA	Electronic	7.131	7.15
Poste Italiane	28-09-18	11:32-13:30			6.717	28-09-18 11:46	68.54	Other	NA	Electronic	6.717	6.738
PostNL	12-09-18	13:32-15:30			3.13	12-09-18 14:49	31.1	Other	NA	Electronic	3.13	3.16
PostNL	14-09-18	11:32-13:30			3.32	14-09-18 13:13	33.2	Other	NA	Electronic	3.3	3.32
PostNL	17-09-18	13:32-15:30			3.33	17-09-18 14:35	33.3	Other	NA	Electronic	3.31	3.33
PostNL	18-09-18	09:32-11:30			3.32	18-09-18 11:09	33.2	Other	NA	Electronic	3.29	3.32
PPC	02-07-18	09:32-11:30			1.879	02-07-18 10:47	18.79	Other	NA	Electronic	1.86	1.879
PPC	03-07-18	13:32-15:30			1.805	03-07-18 13:50	19989	Other	NA	Electronic	1.805	1.824



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
PPC	01-08-18	11:32-13:30			1.784	01-08-18 12:47	2219	Other	NA	Electronic	1.784	1.803
PPC	03-08-18	11:32-13:30			1.833	03-08-18 12:57	3666	Other	NA	Electronic	1.812	1.833
PPC	07-08-18	09:32-11:30			1.864	07-08-18 10:47	1304.8	Other	NA	Electronic	1.844	1.864
PPC	07-08-18	13:32-15:30			1.891	07-08-18 13:39	756.4	Other	NA	Electronic	1.872	1.891
PPC	14-08-18	09:32-11:30			1.712	14-08-18 10:05	17.12	Other	NA	Electronic	1.712	1.734
PPC	16-08-18	09:32-11:30			1.688	16-08-18 10:00	16.88	Other	NA	Electronic	1.688	1.712
PPC	16-08-18	11:32-13:30			1.68	16-08-18 12:59	16.88	Other	NA	Electronic	1.662	1.68
PPC	21-08-18	09:32-11:30			1.65	21-08-18 09:58	16.62	Other	NA	Electronic	1.63	1.65
PPC	21-08-18	11:32-13:30			1.59	21-08-18 13:17	756.4	Other	NA	Electronic	1.59	1.609
PPC	21-08-18	13:32-15:30			1.602	21-08-18 13:36	16.24	Other	NA	Electronic	1.582	1.602
PPC	23-08-18	11:32-13:30			1.685	23-08-18 12:41	3370	Other	NA	Electronic	1.664	1.685
PPC	27-08-18	11:32-13:30			1.707	27-08-18 11:36	853.5	Other	NA	Electronic	1.685	1.707
PPC	29-08-18	11:32-13:30			1.769	29-08-18 11:38	884.5	Other	NA	Electronic	1.749	1.769
PPC	30-08-18	09:32-11:30			1.779	30-08-18 09:46	177.9	Other	NA	Electronic	1.747	1.779
PPC	30-08-18	13:32-15:30			1.755	30-08-18 13:49	526.5	Other	NA	Electronic	1.726	1.755

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PPC	31-08-18	09:32-11:30			1.688	31-08-18 10:08	355.8	Other	NA	Electronic	1.688	1.709
PPC	03-09-18	09:32-11:30			1.613	03-09-18 09:44	16.13	Other	NA	Electronic	1.613	1.635
PPC	03-09-18	13:32-15:30			1.676	03-09-18 13:54	16.76	Other	NA	Electronic	1.658	1.676
PPC	04-09-18	09:32-11:30			1.633	04-09-18 10:44	16.33	Other	NA	Electronic	1.61	1.633
PPC	04-09-18	11:32-13:30			1.584	04-09-18 11:43	853.5	Other	NA	Electronic	1.584	1.605
PPC	05-09-18	09:32-11:30			1.597	05-09-18 09:33	17.4	Other	NA	Electronic	1.574	1.597
PPC	05-09-18	11:32-13:30			1.649	05-09-18 13:28	16.76	Other	NA	Electronic	1.586	1.609
PPC	05-09-18	13:30-13:32	1.609	32.62								
PPC	07-09-18	09:32-11:30			1.536	07-09-18 10:23	15.36	Other	NA	Electronic	1.536	1.559
PPC	07-09-18	11:32-13:30			1.532	07-09-18 11:42	15.32	Other	NA	Electronic	1.532	1.558
PPC	10-09-18	09:30-09:32	1.574	15.74								
PPC	10-09-18	13:32-15:30			1.615	10-09-18 13:47	646	Other	NA	Electronic	1.592	1.615
PPC	13-09-18	09:32-11:30			1.458	13-09-18 09:39	15.74	Other	NA	Electronic	1.435	1.458
PPC	18-09-18	11:32-13:30			1.479	18-09-18 12:12	14.64	Other	NA	Electronic	1.479	1.497
PPC	21-09-18	11:32-13:30			1.463	21-09-18 11:40	48.87	Other	NA	Electronic	1.463	1.482

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PPC	26-09-18	11:32-13:30			1.409	26-09-18 13:10	14.09	Other	NA	Electronic	1.386	1.409
PPC	28-09-18	09:32-11:30			1.435	28-09-18 10:07	14.35	Other	NA	Electronic	1.412	1.435
Procter&Gam	16-07-18	15:32-17:30			79.37	16-07-18 16:18	698.0036936	Other	NA	Electronic	79.29	79.37
Procter&Gam	17-07-18	13:32-15:30			80.02	17-07-18 13:40	698.0036936	Other	NA	Electronic	80.02	80.11
Procter&Gam	27-07-18	13:32-15:30			80.36	27-07-18 14:29	706.7100519	Other	NA	Electronic	80.29	80.36
Procter&Gam	13-09-18	15:32-17:30			83.02	13-09-18 16:00	730.1028933	Other	NA	Electronic	83.02	83.09
Procter&Gam	20-09-18	13:32-15:30			84.78	20-09-18 13:40	730.1028933	Other	NA	Electronic	84.69	84.78
Procter&Gam	26-09-18	13:32-15:30			83.74	26-09-18 13:40	6627.913112	Other	NA	Electronic	83.67	83.74
Prosiebensat	10-07-18	11:32-13:30			22.05	10-07-18 12:20	1650.6	Other	NA	Electronic	22.05	22.12
Prosiebensat	27-09-18	13:32-15:30			22.58	27-09-18 15:17	224.3	Other	NA	Electronic	22.58	22.65
Proximus	05-07-18	09:32-11:30			20.446	05-07-18 10:26	4057	Other	NA	Electronic	20.446	20.505
Proximus	13-07-18	09:32-11:30			20.355	13-07-18 10:16	203.55	Other	NA	Electronic	20.276	20.355
Proximus	18-07-18	13:32-15:30			20.125	18-07-18 14:25	402.5	Other	NA	Electronic	20.066	20.125
Proximus	20-07-18	09:32-11:30			20.266	20-07-18 11:07	402.5	Other	NA	Electronic	20.266	20.335
Proximus	31-07-18	09:32-11:30			21.325	31-07-18 10:45	213.25	Other	NA	Electronic	21.266	21.325

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Prudential	02-07-18	13:32-15:30			17.315	02-07-18 14:33	1921.689622	Other	NA	Electronic	17.28	17.315
Prudential	19-07-18	09:32-11:30			17.92	19-07-18 09:41	1988.835	Other	NA	Electronic	17.92	17.955
Prudential	19-07-18	13:32-15:30			18.005	19-07-18 15:03	1988.835	Other	NA	Electronic	17.97	18.005
Prudential	15-08-18	13:32-15:30			17.02	15-08-18 15:00	1888.949314	Other	NA	Electronic	16.985	17.02
Prudential	17-08-18	13:32-15:30			17.045	17-08-18 14:44	1888.949314	Other	NA	Electronic	17.045	17.085
Prysmian	16-07-18	11:32-13:30			21.916	16-07-18 13:10	219.16	Other	NA	Electronic	21.844	21.916
Publicis	19-07-18	09:32-11:30			53.93	19-07-18 10:06	1086.8	Other	NA	Electronic	53.93	54.08
Publicis	26-07-18	09:32-11:30			53.08	26-07-18 09:56	1592.4	Other	NA	Electronic	52.95	53.08
Publicis	26-07-18	13:32-15:30			53.15	26-07-18 14:53	1592.4	Other	NA	Electronic	53.15	53.28
Qualcomm	02-07-18	13:32-15:30			55.53	02-07-18 13:40	488.3475508	Other	NA	Electronic	55.46	55.53
Qualcomm	09-07-18	15:32-17:30			57.74	09-07-18 16:44	488.3475508	Other	NA	Electronic	57.74	57.8
Qualcomm	11-07-18	15:32-17:30			56.93	11-07-18 16:13	5006.595726	Other	NA	Electronic	56.87	56.93
Qualcomm	26-07-18	13:32-15:30			62.73	26-07-18 13:40	551.6665201	Other	NA	Electronic	62.63	62.73
Qualcomm	01-08-18	13:32-15:30			63.98	01-08-18 13:40	551.6665201	Other	NA	Electronic	63.98	64.05
Qualcomm	03-08-18	13:32-15:30			64.87	03-08-18 13:44	566.7047753	Other	NA	Electronic	64.87	64.97

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Qualcomm	15-08-18	15:32-17:30			65.29	15-08-18 16:34	574.1799314	Other	NA	Electronic	65.22	65.29
Qualcomm	20-08-18	15:32-17:30			65.97	20-08-18 16:25	580.1600563	Other	NA	Electronic	65.91	65.97
Qualcomm	21-08-18	15:32-17:30			66.65	21-08-18 16:27	586.1401812	Other	NA	Electronic	66.59	66.65
Qualcomm	22-08-18	13:32-15:30			66.91	22-08-18 15:01	586.1401812	Other	NA	Electronic	66.91	66.97
Qualcomm	23-08-18	15:32-17:30			67	23-08-18 15:55	589.2181866	Other	NA	Electronic	66.94	67
Qualcomm	24-08-18	13:32-15:30			67.17	24-08-18 15:15	589.2181866	Other	NA	Electronic	67.17	67.23
Qualcomm	27-08-18	15:32-17:30			67.33	27-08-18 15:37	592.120306	Other	NA	Electronic	67.26	67.33
Qualcomm	28-08-18	13:32-15:30			68.62	28-08-18 13:49	592.120306	Other	NA	Electronic	68.62	68.69
Qualcomm	30-08-18	13:32-15:30			68.69	30-08-18 13:40	610.3245097	Other	NA	Electronic	68.69	68.75
Qualcomm	31-08-18	13:32-15:30			68.74	31-08-18 13:51	1209.040542	Other	NA	Electronic	68.67	68.74
Qualcomm	04-09-18	13:32-15:30			69.37	04-09-18 13:44	1209.040542	Other	NA	Electronic	69.37	69.44
Qualcomm	10-09-18	13:32-15:30			71.68	10-09-18 15:00	630.3755167	Other	NA	Electronic	71.62	71.68
Qualcomm	11-09-18	13:32-15:30			71.97	11-09-18 13:51	632.925864	Other	NA	Electronic	71.97	72.04
Qualcomm	13-09-18	13:32-15:30			73.97	13-09-18 13:40	632.925864	Other	NA	Electronic	73.86	73.97
Qualcomm	14-09-18	13:32-15:30			75.89	14-09-18 14:02	667.3995251	Other	NA	Electronic	75.83	75.89

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Qualcomm	17-09-18	15:32-17:30			73.99	17-09-18 16:12	667.3995251	Other	NA	Electronic	73.99	74.1
Qualcomm	18-09-18	13:32-15:30			75.03	18-09-18 15:13	659.836426	Other	NA	Electronic	74.97	75.03
Qualcomm	26-09-18	15:32-17:30			72.59	26-09-18 15:43	638.3783308	Other	NA	Electronic	72.59	72.66
Qualcomm	27-09-18	13:32-15:30			72.48	27-09-18 13:40	1912.232873	Other	NA	Electronic	72.41	72.48
Qurate	10-07-18	15:32-17:30			21.95	10-07-18 16:36	192.4193123	Other	NA	Electronic	21.89	21.95
Qurate	07-08-18	15:32-17:30			21.92	07-08-18 17:15	963.8554217	Other	NA	Electronic	21.86	21.92
Qurate	08-08-18	13:32-15:30			22.79	08-08-18 13:44	963.8554217	Other	NA	Electronic	22.79	22.89
Qurate	08-08-18	15:32-17:30			22.98	08-08-18 16:13	404.1860874	Other	NA	Electronic	22.91	22.98
Qurate	14-08-18	15:32-17:30			22.45	14-08-18 17:03	394.864128	Other	NA	Electronic	22.39	22.45
Qurate	15-08-18	13:32-15:30			22.1	15-08-18 14:54	404.1860874	Other	NA	Electronic	22.1	22.17
Qurate	24-08-18	15:32-17:30			20.62	24-08-18 15:39	181.3384927	Other	NA	Electronic	20.56	20.62
Qurate	27-08-18	13:32-15:30			20.95	27-08-18 14:39	181.3384927	Other	NA	Electronic	20.95	21.01
Qurate	06-09-18	15:30-15:32	20.78	192.3313693								
Qurate	20-09-18	15:32-17:30			22.56	20-09-18 17:05	394.864128	Other	NA	Electronic	22.56	22.62
Raiffeisen Bank	03-07-18	13:32-15:30			25.4	03-07-18 14:14	254	Other	NA	Electronic	25.21	25.4

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Raiffeisen Bank	05-07-18	13:32-15:30			26.12	05-07-18 14:05	254	Other	NA	Electronic	26.12	26.31
Raiffeisen Bank	06-07-18	11:32-13:30			26.64	06-07-18 11:50	265.4	Other	NA	Electronic	26.64	26.84
Raiffeisen Bank	09-08-18	11:32-13:30			26.83	09-08-18 12:24	268.3	Other	NA	Electronic	26.65	26.83
Raiffeisen Bank	20-08-18	11:32-13:30			25.18	20-08-18 13:05	251.8	Other	NA	Electronic	25	25.18
Raiffeisen Bank	20-09-18	09:32-11:30			26.19	20-09-18 11:22	268.3	Other	NA	Electronic	26.19	26.37
Rallye	18-09-18	09:32-11:30			10.489	18-09-18 10:15	104.89	Other	NA	Electronic	10.489	10.641
Randgold	20-07-18	11:32-13:30			56.02	20-07-18 12:52	621.7329057	Other	NA	Electronic	56.02	56.15
Randgold	25-07-18	09:32-11:30			55.01	25-07-18 10:47	621.7329057	Other	NA	Electronic	54.88	55.01
RBS	10-07-18	11:32-13:30			2.45	10-07-18 12:28	874.9986127	Other	NA	Electronic	2.45	2.455
RBS	16-07-18	09:32-11:30			2.461	16-07-18 09:46	273.1318602	Other	NA	Electronic	2.461	2.467
RBS	20-07-18	11:32-13:30			2.412	20-07-18 12:59	645.7054704	Other	NA	Electronic	2.412	2.417
RBS	24-07-18	13:32-15:30			2.502	24-07-18 13:40	542.9341975	Other	NA	Electronic	2.502	2.508
RBS	01-08-18	11:32-13:30			2.543	01-08-18 12:52	273.1318602	Other	NA	Electronic	2.538	2.543
RBS	01-08-18	13:32-15:30			2.558	01-08-18 14:31	306.6490572	Other	NA	Electronic	2.553	2.558
RBS	20-09-18	09:32-11:30			2.596	20-09-18 10:55	279.1250014	Other	NA	Electronic	2.596	2.602

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RBS	21-09-18	09:32-11:30			2.631	21-09-18 10:08	287.4488086	Other	NA	Electronic	2.631	2.637
Recordati	02-07-18	13:32-15:30			29.812	02-07-18 14:54	282.98	Other	NA	Electronic	29.812	29.898
Recordati	09-07-18	09:32-11:30			30.218	09-07-18 10:09	604.36	Other	NA	Electronic	30.142	30.218
Recordati	11-07-18	11:32-13:30			30.862	11-07-18 13:18	604.36	Other	NA	Electronic	30.862	30.948
Recordati	20-07-18	11:32-13:30			31.288	20-07-18 12:03	625.76	Other	NA	Electronic	31.212	31.288
Recordati	28-09-18	13:32-15:30			29.302	28-09-18 14:36	293.02	Other	NA	Electronic	29.302	29.368
RECSilicon	03-07-18	11:32-13:30			0.709	03-07-18 12:22	65.48759574	Other	NA	Electronic	0.698	0.709
RECSilicon	03-07-18	13:32-15:30			0.714	03-07-18 14:05	65.94942646	Other	NA	Electronic	0.697	0.714
RECSilicon	04-07-18	09:32-11:30			0.837	04-07-18 11:01	9.44905648	Other	NA	Electronic	0.814	0.837
RECSilicon	04-07-18	11:32-13:30			0.817	04-07-18 12:10	419.2396624	Other	NA	Electronic	0.806	0.817
RECSilicon	06-07-18	11:32-13:30			0.818	06-07-18 12:19	0.839505615	Other	NA	Electronic	0.805	0.818
RECSilicon	09-07-18	13:32-15:30			0.828	09-07-18 13:43	0.839505615	Other	NA	Electronic	0.828	0.841
RECSilicon	23-07-18	09:32-11:30			0.801	23-07-18 10:33	0.822058677	Other	NA	Electronic	0.789	0.801
RECSilicon	24-07-18	09:32-11:30			0.757	24-07-18 10:40	1.076578717	Other	NA	Electronic	0.746	0.757
RECSilicon	01-08-18	11:32-13:30			0.812	01-08-18 12:31	1.005764674	Other	NA	Electronic	0.812	0.824



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RECSilicon	03-08-18	11:32-13:30			0.802	03-08-18 13:24	2.469254903	Other	NA	Electronic	0.785	0.802
RECSilicon	06-08-18	11:32-13:30			0.788	06-08-18 13:09	4.043584504	Other	NA	Electronic	0.776	0.788
RECSilicon	07-08-18	13:32-15:30			0.777	07-08-18 13:51	4.043584504	Other	NA	Electronic	0.777	0.789
RECSilicon	29-08-18	09:32-11:30			0.706	29-08-18 10:39	10.67342103	Other	NA	Electronic	0.706	0.726
RECSilicon	21-09-18	09:32-11:30			0.707	21-09-18 10:31	1.332125047	Other	NA	Electronic	0.707	0.719
Red Hat	11-07-18	13:32-15:30			141.95	11-07-18 13:40	1236.830534	Other	NA	Electronic	141.95	142.53
Red Hat	12-07-18	13:32-15:30			147.5	12-07-18 13:57	1297.159441	Other	NA	Electronic	147.03	147.5
Red Hat	12-07-18	15:32-17:30			150.31	12-07-18 16:01	1251.60496	Other	NA	Electronic	150.31	150.71
Red Hat	16-07-18	13:32-15:30			148.01	16-07-18 13:40	1301.644534	Other	NA	Electronic	147.58	148.01
Red Hat	17-07-18	13:32-15:30			145.8	17-07-18 13:40	1301.644534	Other	NA	Electronic	145.8	146.41
Red Hat	25-07-18	13:32-15:30			146.11	25-07-18 13:55	1301.82042	Other	NA	Electronic	146.11	146.6
Red Hat	26-07-18	15:32-17:30			149.74	26-07-18 16:25	1253.451763	Other	NA	Electronic	149.74	150.12
Red Hat	11-09-18	13:32-15:30			151.72	11-09-18 13:40	1283.528274	Other	NA	Electronic	151.18	151.72
Red Hat	13-09-18	13:32-15:30			144.85	13-09-18 15:24	1342.362149	Other	NA	Electronic	144.85	145.54
Regeneron	08-08-18	15:32-17:30			374.34	08-08-18 17:07	3292.058746	Other	NA	Electronic	373.03	374.34

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Regeneron	17-09-18	15:32-17:30			391.03	17-09-18 15:56	20633.01381	Other	NA	Electronic	389.35	391.03
Relx	10-08-18	11:32-13:30			18.774	10-08-18 13:07	187.74	Other	NA	Electronic	18.774	18.817
Relx	13-08-18	13:32-15:30			18.902	13-08-18 14:11	189.02	Other	NA	Electronic	18.864	18.902
REN	25-07-18	13:32-15:30			2.479	25-07-18 15:21	24.79	Other	NA	Electronic	2.469	2.479
REN	10-09-18	09:32-11:30			2.425	10-09-18 10:19	24.25	Other	NA	Electronic	2.425	2.435
Renault	09-07-18	13:32-15:30			73.39	09-07-18 13:58	733.9	Other	NA	Electronic	73.16	73.39
Renault	10-07-18	09:32-11:30			74.62	10-07-18 10:43	746.2	Other	NA	Electronic	74.41	74.62
Renault	10-07-18	11:32-13:30			74.84	10-07-18 13:00	746.2	Other	NA	Electronic	74.84	75.04
Renault	11-07-18	13:32-15:30			73.35	11-07-18 14:51	733.5	Other	NA	Electronic	73.14	73.35
Renault	23-07-18	09:32-11:30			72.75	23-07-18 10:56	730.4	Other	NA	Electronic	72.54	72.75
Renault	24-07-18	13:32-15:30			73.94	24-07-18 15:07	733.5	Other	NA	Electronic	73.94	74.15
Renault	26-07-18	09:32-11:30			73.39	26-07-18 10:29	5135.9	Other	NA	Electronic	73.39	73.6
Renault	31-07-18	13:32-15:30			75.55	31-07-18 13:45	753.9	Other	NA	Electronic	75.55	75.77
Renault	01-08-18	11:32-13:30			74.43	01-08-18 12:52	874.5	Other	NA	Electronic	74.43	74.65
Renault	08-08-18	09:32-11:30			73.46	08-08-18 11:16	1469.2	Other	NA	Electronic	73.24	73.46

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Renault	20-08-18	13:32-15:30			73.48	20-08-18 14:03	1469.6	Other	NA	Electronic	73.27	73.48
Renault	27-08-18	13:32-15:30			72.93	27-08-18 15:04	729.3	Other	NA	Electronic	72.93	73.14
Renault	18-09-18	13:32-15:30			74.48	18-09-18 13:51	769.1	Other	NA	Electronic	74.48	74.69
Renault	25-09-18	09:32-11:30			74.9	25-09-18 11:17	1520.8	Other	NA	Electronic	74.9	75.18
Renault	27-09-18	13:32-15:30			74.63	27-09-18 14:33	736.2	Other	NA	Electronic	74.41	74.63
Repsol	26-07-18	09:32-11:30			16.711	26-07-18 11:29	165.05	Other	NA	Electronic	16.711	16.75
Repsol	26-07-18	11:32-13:30			16.706	26-07-18 11:34	825.25	Other	NA	Electronic	16.706	16.74
Repsol	31-07-18	13:32-15:30			17.016	31-07-18 15:07	170.16	Other	NA	Electronic	17.016	17.05
Repsol	01-08-18	11:32-13:30			16.876	01-08-18 12:51	173.4	Other	NA	Electronic	16.876	16.91
Rheinmetall	18-09-18	09:32-11:30			87.76	18-09-18 09:43	43880	Other	NA	Electronic	87.76	88.03
Rheinmetall	25-09-18	13:32-15:30			88.58	25-09-18 14:30	15944.4	Other	NA	Electronic	88.58	88.85
Rheinmetall	26-09-18	13:32-15:30			88.89	26-09-18 14:26	888.9	Other	NA	Electronic	88.64	88.89
Rheinmetall	27-09-18	09:32-11:30			89.23	27-09-18 10:32	26574	Other	NA	Electronic	88.98	89.23
Rheinmetall	27-09-18	11:32-13:30			89.63	27-09-18 12:40	15944.4	Other	NA	Electronic	89.38	89.63
Rio Tinto	13-08-18	13:32-15:30			38.321	13-08-18 14:55	880.8807698	Other	NA	Electronic	38.321	38.39

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Rio Tinto	15-08-18	13:32-15:30			36.361	15-08-18 14:28	883.7663563	Other	NA	Electronic	36.361	36.43
Rio Tinto	25-09-18	13:32-15:30			39.625	25-09-18 14:14	3877.162803	Other	NA	Electronic	39.561	39.625
Rite-Aid	17-09-18	15:32-17:30			1.34	17-09-18 16:58	117.8436373	Other	NA	Electronic	1.28	1.34
Rite-Aid	21-09-18	15:32-17:30			1.3	21-09-18 16:55	11.43259168	Other	NA	Electronic	1.24	1.3
Rite-Aid	24-09-18	13:32-15:30			1.29	24-09-18 13:53	11.34464867	Other	NA	Electronic	1.23	1.29
Rite-Aid	26-09-18	15:32-17:30			1.28	26-09-18 15:57	11.25670565	Other	NA	Electronic	1.22	1.28
Rite-Aid	27-09-18	13:32-15:30			1.35	27-09-18 14:41	59.36153373	Other	NA	Electronic	1.29	1.35
Roche	04-07-18	09:32-11:30			224.12	04-07-18 10:54	1983.503257	Other	NA	Electronic	223.63	224.12
Rolls-Royce	02-07-18	11:32-13:30			9.761	02-07-18 13:13	1083.315761	Other	NA	Electronic	9.745	9.761
Rolls-Royce	05-07-18	09:32-11:30			9.779	05-07-18 11:16	1085.313475	Other	NA	Electronic	9.779	9.797
Rolls-Royce	05-07-18	13:32-15:30			9.873	05-07-18 14:56	1095.74598	Other	NA	Electronic	9.873	9.891
Rolls-Royce	11-07-18	13:32-15:30			9.839	11-07-18 15:05	1091.97252	Other	NA	Electronic	9.839	9.855
Rolls-Royce	13-07-18	11:32-13:30			9.971	13-07-18 11:43	1106.622421	Other	NA	Electronic	9.971	9.989
Rolls-Royce	13-07-18	13:32-15:30			9.949	13-07-18 14:09	1105.956516	Other	NA	Electronic	9.933	9.949
Rolls-Royce	16-07-18	09:32-11:30			9.805	16-07-18 11:23	5440.995305	Other	NA	Electronic	9.805	9.825

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Rolls-Royce	16-07-18	11:32-13:30			9.803	16-07-18 11:57	5459.862602	Other	NA	Electronic	9.785	9.803
Rolls-Royce	17-07-18	09:32-11:30			9.843	17-07-18 09:54	1092.416457	Other	NA	Electronic	9.843	9.861
Rolls-Royce	31-07-18	09:32-11:30			9.917	31-07-18 09:32	22012.5856	Other	NA	Electronic	9.917	9.933
Rolls-Royce	31-07-18	11:32-13:30			9.923	31-07-18 11:41	11017.39121	Other	NA	Electronic	9.905	9.923
Rolls-Royce	31-07-18	13:30-13:32	9.971	1106.622421								
Rolls-Royce	01-08-18	09:32-11:30			9.863	01-08-18 10:18	10968.55821	Other	NA	Electronic	9.845	9.863
Rolls-Royce	01-08-18	11:32-13:30			9.845	01-08-18 12:52	927.4940901	Other	NA	Electronic	9.845	9.865
Royal Mail	22-08-18	09:32-11:30			4.63	22-08-18 10:56	51.38563644	Other	NA	Electronic	4.63	4.66
Royal Mail	22-08-18	11:32-13:30			4.66	22-08-18 11:42	51.38563644	Other	NA	Electronic	4.63	4.66
RSA Insurance	21-08-18	13:32-15:30			6.4	21-08-18 15:18	71.02982143	Other	NA	Electronic	6.37	6.4
RWE	02-07-18	11:32-13:30			19.585	02-07-18 13:27	196.95	Other	NA	Electronic	19.585	19.635
RWE	03-07-18	13:32-15:30			20.34	03-07-18 13:40	201.1	Other	NA	Electronic	20.34	20.39
RWE	06-07-18	11:32-13:30			21.91	06-07-18 12:30	219.1	Other	NA	Electronic	21.86	21.91
RWE	09-07-18	09:32-11:30			22.05	09-07-18 11:22	220.5	Other	NA	Electronic	21.99	22.05
RWE	27-07-18	09:32-11:30			22.35	27-07-18 10:29	220.5	Other	NA	Electronic	22.35	22.4

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RWE	30-07-18	09:32-11:30			22.45	30-07-18 11:03	223.5	Other	NA	Electronic	22.39	22.45
RWE	07-09-18	13:32-15:30			21.57	07-09-18 14:14	215.7	Other	NA	Electronic	21.52	21.57
RWE	10-09-18	13:32-15:30			22.18	10-09-18 15:22	215.7	Other	NA	Electronic	22.18	22.23
Sacyr	20-09-18	09:30-09:32	2.692	26.92								
Sage	20-09-18	13:32-15:30			5.8	20-09-18 13:45	64.37077567	Other	NA	Electronic	5.77	5.8
Sage	28-09-18	11:32-13:30			5.86	28-09-18 13:03	64.37077567	Other	NA	Electronic	5.86	5.89
Sainsbury	06-07-18	09:32-11:30			3.263	06-07-18 09:35	362.1411052	Other	NA	Electronic	3.257	3.263
Sainsbury	13-07-18	13:30-13:32	3.297	365.9145644								
Sainsbury	16-07-18	09:32-11:30			3.282	16-07-18 10:43	362.2520893	Other	NA	Electronic	3.277	3.282
Sainsbury	16-07-18	13:32-15:30			3.277	16-07-18 13:51	362.1411052	Other	NA	Electronic	3.277	3.282
Sainsbury	24-07-18	09:32-11:30			3.237	24-07-18 10:30	365.9145644	Other	NA	Electronic	3.231	3.237
Sainsbury	24-07-18	11:32-13:30			3.238	24-07-18 12:30	359.3665028	Other	NA	Electronic	3.232	3.238
Sainsbury	26-07-18	13:32-15:30			3.218	26-07-18 14:33	357.1468209	Other	NA	Electronic	3.218	3.224
Sainsbury	27-07-18	13:32-15:30			3.269	27-07-18 14:33	357.1468209	Other	NA	Electronic	3.264	3.269
Sainsbury	31-07-18	11:32-13:30			3.273	31-07-18 12:01	359.3665028	Other	NA	Electronic	3.273	3.279

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Sainsbury	01-08-18	09:32-11:30			3.254	01-08-18 10:21	328.9568605	Other	NA	Electronic	3.248	3.254
Sainsbury	20-08-18	11:32-13:30			3.35	20-08-18 12:09	371.7967215	Other	NA	Electronic	3.343	3.35
Sainsbury	21-08-18	11:32-13:30			3.371	21-08-18 12:42	371.7967215	Other	NA	Electronic	3.371	3.377
Sainsbury	06-09-18	11:32-13:30			3.209	06-09-18 12:37	356.147964	Other	NA	Electronic	3.203	3.209
Sainsbury	27-09-18	13:32-15:30			3.188	27-09-18 15:05	351.5976161	Other	NA	Electronic	3.188	3.194
Saipem	03-07-18	11:32-13:30			3.93	03-07-18 12:00	384.7	Other	NA	Electronic	3.919	3.93
Saipem	09-07-18	11:32-13:30			4.095	09-07-18 12:04	409.5	Other	NA	Electronic	4.086	4.095
Saipem	09-07-18	13:32-15:30			4.088	09-07-18 13:50	204.4	Other	NA	Electronic	4.088	4.097
Saipem	10-07-18	09:32-11:30			4.138	10-07-18 10:23	82.96	Other	NA	Electronic	4.138	4.148
Saipem	24-07-18	11:32-13:30			4.141	24-07-18 12:50	39.4	Other	NA	Electronic	4.141	4.151
Saipem	01-08-18	13:32-15:30			4.42	01-08-18 14:31	37.75	Other	NA	Electronic	4.42	4.43
Saipem	20-08-18	13:32-15:30			4.4	20-08-18 13:42	4400	Other	NA	Electronic	4.39	4.4
Saipem	06-09-18	09:32-11:30			4.528	06-09-18 11:26	45.28	Other	NA	Electronic	4.528	4.54
Saipem	06-09-18	11:32-13:30			4.531	06-09-18 13:22	45.28	Other	NA	Electronic	4.522	4.531
Saipem	06-09-18	13:32-15:30			4.522	06-09-18 13:34	45.22	Other	NA	Electronic	4.522	4.532

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Saipem	07-09-18	11:32-13:30			4.402	07-09-18 11:36	4402	Other	NA	Electronic	4.391	4.402
Saipem	07-09-18	13:32-15:30			4.444	07-09-18 14:10	45.22	Other	NA	Electronic	4.433	4.444
Saipem	11-09-18	11:32-13:30			4.523	11-09-18 11:54	45.23	Other	NA	Electronic	4.523	4.534
Saipem	12-09-18	09:32-11:30			4.719	12-09-18 10:13	94.38	Other	NA	Electronic	4.708	4.719
Saipem	14-09-18	13:32-15:30			4.678	14-09-18 14:26	46.78	Other	NA	Electronic	4.678	4.689
Saipem	25-09-18	11:32-13:30			5.153	25-09-18 11:41	2562	Other	NA	Electronic	5.153	5.164
Saipem	28-09-18	11:32-13:30			5.119	28-09-18 11:50	47.81	Other	NA	Electronic	5.119	5.132
Salesforce	11-07-18	13:32-15:30			142.98	11-07-18 13:48	1257.409199	Other	NA	Electronic	142.98	143.26
Salesforce	11-07-18	15:32-17:30			144.23	11-07-18 16:33	1257.409199	Other	NA	Electronic	143.93	144.23
Salesforce	03-08-18	13:32-15:30			140.04	03-08-18 13:40	1231.553953	Other	NA	Electronic	139.76	140.04
Salesforce	13-08-18	13:32-15:30			146.83	13-08-18 13:59	1231.553953	Other	NA	Electronic	146.83	146.96
Salesforce	29-08-18	13:32-15:30			154.32	29-08-18 13:43	1357.136575	Other	NA	Electronic	153.93	154.32
Salesforce	29-08-18	15:32-17:30			154.37	29-08-18 15:48	1357.136575	Other	NA	Electronic	154.37	154.47
Salesforce	05-09-18	13:32-15:30			148.71	05-09-18 14:19	1307.800545	Other	NA	Electronic	148.71	149.03
Salesforce	06-09-18	13:32-15:30			148.48	06-09-18 13:50	1305.777856	Other	NA	Electronic	148.29	148.48



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Salesforce	10-09-18	13:32-15:30			148.65	10-09-18 14:18	1307.272887	Other	NA	Electronic	148.65	148.86
Salesforce	11-09-18	13:32-15:30			153.03	11-09-18 13:46	1345.791927	Other	NA	Electronic	152.89	153.03
Salesforce	19-09-18	13:32-15:30			154.14	19-09-18 14:08	1355.553601	Other	NA	Electronic	154.14	154.35
Salesforce	21-09-18	13:32-15:30			157.06	21-09-18 14:33	1381.232961	Other	NA	Electronic	156.94	157.06
Salesforce	21-09-18	15:32-17:30			155.74	21-09-18 16:33	1381.232961	Other	NA	Electronic	155.74	155.87
Salvatore	10-07-18	09:32-11:30			19.797	10-07-18 09:34	197.97	Other	NA	Electronic	19.738	19.797
Sampo	24-07-18	09:32-11:30			43.375	24-07-18 11:23	433.75	Other	NA	Electronic	43.275	43.375
Sampo	31-07-18	13:32-15:30			43.395	31-07-18 14:56	433.75	Other	NA	Electronic	43.395	43.495
Sanofi	26-07-18	11:32-13:30			73.41	26-07-18 12:38	734.1	Other	NA	Electronic	73.41	73.55
Sanofi	31-07-18	13:32-15:30			73.84	31-07-18 13:40	734.1	Other	NA	Electronic	73.68	73.84
Sanofi	18-09-18	09:32-11:30			74.65	18-09-18 09:39	37325	Other	NA	Electronic	74.65	74.8
Santander	03-07-18	09:32-11:30			4.645	03-07-18 09:51	46.45	Other	NA	Electronic	4.633	4.645
Santander	05-07-18	09:32-11:30			4.759	05-07-18 10:21	47.59	Other	NA	Electronic	4.747	4.759
Santander	05-07-18	11:32-13:30			4.774	05-07-18 12:14	1421.1	Other	NA	Electronic	4.774	4.786
Santander	05-07-18	13:32-15:30			4.733	05-07-18 13:35	189.32	Other	NA	Electronic	4.72	4.733

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Santander	09-07-18	09:32-11:30			4.798	09-07-18 10:03	47.59	Other	NA	Electronic	4.798	4.809
Santander	10-07-18	11:32-13:30			4.778	10-07-18 11:57	143.34	Other	NA	Electronic	4.766	4.778
Santander	10-07-18	13:32-15:30			4.766	10-07-18 14:11	9579.66	Other	NA	Electronic	4.754	4.766
Santander	11-07-18	13:32-15:30			4.655	11-07-18 14:12	1163.75	Other	NA	Electronic	4.655	4.667
Santander	13-07-18	13:32-15:30			4.619	13-07-18 14:04	1163.75	Other	NA	Electronic	4.608	4.619
Santander	16-07-18	13:32-15:30			4.647	16-07-18 13:38	46.47	Other	NA	Electronic	4.635	4.647
Santander	23-07-18	13:32-15:30			4.66	23-07-18 14:15	46.6	Other	NA	Electronic	4.66	4.671
Santander	24-07-18	09:32-11:30			4.724	24-07-18 10:09	94.48	Other	NA	Electronic	4.724	4.736
Santander	24-07-18	11:32-13:30			4.734	24-07-18 12:53	233.8	Other	NA	Electronic	4.734	4.745
Santander	25-07-18	09:32-11:30			4.751	25-07-18 10:18	475.1	Other	NA	Electronic	4.739	4.751
Santander	26-07-18	11:32-13:30			4.768	26-07-18 12:04	46.47	Other	NA	Electronic	4.768	4.779
Santander	26-07-18	13:32-15:30			4.747	26-07-18 13:45	475.1	Other	NA	Electronic	4.747	4.759
Santander	31-07-18	11:32-13:30			4.84	31-07-18 12:02	139.08	Other	NA	Electronic	4.84	4.851
Santander	01-08-18	11:32-13:30			4.77	01-08-18 12:52	239.75	Other	NA	Electronic	4.77	4.782
Santander	13-08-18	11:32-13:30			4.446	13-08-18 13:21	44.46	Other	NA	Electronic	4.434	4.446

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Santander	14-08-18	13:32-15:30			4.417	14-08-18 13:48	88.44	Other	NA	Electronic	4.406	4.417
Santander	20-08-18	11:32-13:30			4.365	20-08-18 11:39	218.25	Other	NA	Electronic	4.353	4.365
Santander	21-08-18	11:32-13:30			4.409	21-08-18 12:51	218.25	Other	NA	Electronic	4.409	4.42
Santander	22-08-18	13:32-15:30			4.377	22-08-18 15:04	43.38	Other	NA	Electronic	4.365	4.377
Santander	27-08-18	09:32-11:30			4.342	27-08-18 10:56	915.39	Other	NA	Electronic	4.342	4.354
Santander	31-08-18	09:32-11:30			4.291	31-08-18 10:08	42.91	Other	NA	Electronic	4.28	4.291
Santander	05-09-18	13:32-15:30			4.305	05-09-18 13:34	43.05	Other	NA	Electronic	4.293	4.305
Santander	14-09-18	11:32-13:30			4.268	14-09-18 13:21	42.68	Other	NA	Electronic	4.257	4.268
Santander	19-09-18	13:32-15:30			4.489	19-09-18 14:09	42.91	Other	NA	Electronic	4.489	4.502
Santander	20-09-18	09:32-11:30			4.57	20-09-18 10:53	45.41	Other	NA	Electronic	4.57	4.581
Santander	20-09-18	11:32-13:30			4.61	20-09-18 12:29	138.3	Other	NA	Electronic	4.594	4.61
Santander	20-09-18	13:32-15:30			4.554	20-09-18 13:44	45.54	Other	NA	Electronic	4.554	4.567
Santander	21-09-18	09:32-11:30			4.609	21-09-18 10:09	46.09	Other	NA	Electronic	4.596	4.609
Santander	24-09-18	11:32-13:30			4.505	24-09-18 13:15	45.05	Other	NA	Electronic	4.505	4.516
Santander	24-09-18	13:32-15:30			4.477	24-09-18 14:21	42.68	Other	NA	Electronic	4.477	4.488

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Santander	25-09-18	13:32-15:30			4.498	25-09-18 13:48	45.05	Other	NA	Electronic	4.487	4.498
Santander	28-09-18	11:32-13:30			4.317	28-09-18 12:50	86.34	Other	NA	Electronic	4.317	4.329
Santander	28-09-18	13:32-15:30			4.357	28-09-18 15:09	43.57	Other	NA	Electronic	4.345	4.357
SAP	02-07-18	13:32-15:30			98.43	02-07-18 15:20	2049.4	Other	NA	Electronic	98.43	98.62
SAP	12-07-18	11:32-13:30			101.08	12-07-18 12:30	1008.7	Other	NA	Electronic	101.08	101.31
SAP	20-07-18	11:32-13:30			100.67	20-07-18 12:52	1006.7	Other	NA	Electronic	100.46	100.67
SAP	26-07-18	11:32-13:30			102.33	26-07-18 13:18	1023.3	Other	NA	Electronic	102.12	102.33
SAP	27-07-18	11:32-13:30			103.62	27-07-18 12:16	1036.2	Other	NA	Electronic	103.62	103.83
SAP	14-08-18	09:32-11:30			100.34	14-08-18 11:23	1003.4	Other	NA	Electronic	100.34	100.55
SAP	17-08-18	11:32-13:30			101.17	17-08-18 12:18	1011.7	Other	NA	Electronic	100.98	101.17
SAP	10-09-18	13:32-15:30			101.92	10-09-18 15:12	1992.6	Other	NA	Electronic	101.92	102.13
SAP	14-09-18	09:32-11:30			103.6	14-09-18 10:28	1035.7	Other	NA	Electronic	103.6	103.79
SAP	17-09-18	11:32-13:30			102.64	17-09-18 12:16	1992.6	Other	NA	Electronic	102.64	102.83
SBEAN-AUG18	02-07-18	11:32-13:30			8.6527	02-07-18 12:14	3043.778032	Other	NA	Electronic	8.6322	8.6527
SBEAN-AUG18	02-07-18	13:32-15:30			8.5372	02-07-18 13:35	3071.919796	Other	NA	Electronic	8.5372	8.5577

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SBEAN-AUG18	05-07-18	13:32-15:30			8.4527	05-07-18 13:36	2973.423621	Other	NA	Electronic	8.4322	8.4527
SBEAN-AUG18	06-07-18	09:32-11:30			8.4177	06-07-18 10:26	29611.116	Other	NA	Electronic	8.3997	8.4177
SBEAN-AUG18	06-07-18	13:32-15:30			8.4227	06-07-18 13:35	2962.87046	Other	NA	Electronic	8.4022	8.4227
SBEAN-AUG18	06-07-18	15:32-17:30			8.6022	06-07-18 15:42	3013.877407	Other	NA	Electronic	8.6022	8.6202
SBEAN-AUG18	09-07-18	09:32-11:30			8.6702	09-07-18 09:47	3049.934043	Other	NA	Electronic	8.6522	8.6702
SBEAN-AUG18	09-07-18	13:32-15:30			8.6002	09-07-18 14:07	3025.309999	Other	NA	Electronic	8.5797	8.6002
SBEAN-AUG18	09-07-18	15:32-17:30			8.5222	09-07-18 16:44	3023.551139	Other	NA	Electronic	8.5222	8.5427
SBEAN-AUG18	10-07-18	11:32-13:30			8.5777	10-07-18 12:02	3017.395128	Other	NA	Electronic	8.5597	8.5777
SBEAN-AUG18	10-07-18	13:32-15:30			8.6122	10-07-18 13:36	2999.806525	Other	NA	Electronic	8.6122	8.6327
SBEAN-AUG18	11-07-18	09:32-11:30			8.4052	11-07-18 10:18	5913.428898	Other	NA	Electronic	8.3872	8.4052
SBEAN-AUG18	11-07-18	13:32-15:30			8.4652	11-07-18 13:37	2977.820772	Other	NA	Electronic	8.4447	8.4652
SBEAN-AUG18	12-07-18	11:32-13:30			8.3652	12-07-18 12:30	14713.21783	Other	NA	Electronic	8.3447	8.3652
SBEAN-AUG18	12-07-18	13:32-15:30			8.3322	12-07-18 15:25	14713.21783	Other	NA	Electronic	8.3322	8.3502
SBEAN-AUG18	12-07-18	15:32-17:30			8.3072	12-07-18 15:39	3001.565386	Other	NA	Electronic	8.3072	8.3277
SBEAN-AUG18	13-07-18	13:32-15:30			8.2227	13-07-18 13:35	28925.1605	Other	NA	Electronic	8.2047	8.2227

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SBEAN-AUG18	13-07-18	15:32-17:30			8.2052	13-07-18 17:29	2886.360039	Other	NA	Electronic	8.1872	8.2052
SBEAN-AUG18	16-07-18	09:32-11:30			8.0972	16-07-18 10:34	2886.360039	Other	NA	Electronic	8.0972	8.1177
SBEAN-AUG18	16-07-18	13:32-15:30			8.2322	16-07-18 13:36	3043.778032	Other	NA	Electronic	8.2322	8.2527
SBEAN-AUG18	16-07-18	15:32-17:30			8.3347	16-07-18 15:53	2931.914519	Other	NA	Electronic	8.3347	8.3527
SBEAN-AUG18	17-07-18	13:32-15:30			8.3897	17-07-18 15:12	2938.246416	Other	NA	Electronic	8.3897	8.4077
SBEAN-AUG18	17-07-18	15:30-15:32	8.4022	2955.659133								
SBEAN-AUG18	19-07-18	15:32-17:30			8.3972	19-07-18 16:49	5913.428898	Other	NA	Electronic	8.3972	8.4152
SBEAN-AUG18	20-07-18	15:32-17:30			8.4572	20-07-18 16:05	3024.430569	Other	NA	Electronic	8.4572	8.4752
SBEAN-AUG18	24-07-18	13:32-15:30			8.5802	24-07-18 14:59	2958.297423	Other	NA	Electronic	8.5622	8.5802
SBEAN-AUG18	24-07-18	15:32-17:30			8.6022	24-07-18 17:28	3013.877407	Other	NA	Electronic	8.6022	8.6202
SBEAN-AUG18	25-07-18	13:32-15:30			8.6052	25-07-18 14:48	3027.068859	Other	NA	Electronic	8.5847	8.6052
SBEAN-AUG18	26-07-18	11:32-13:30			8.8052	26-07-18 12:24	3097.42327	Other	NA	Electronic	8.7847	8.8052
SBEAN-AUG18	26-07-18	13:32-15:30			8.7052	26-07-18 14:34	3062.246065	Other	NA	Electronic	8.6872	8.7052
SBEAN-NOV18	29-08-18	11:30-11:32	8.3602	2940.884707								
SBEAN-NOV18	29-08-18	13:32-15:30			8.3647	29-08-18 13:38	2940.884707	Other	NA	Electronic	8.3647	8.3827

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SBEAN-NOV18	12-09-18	13:32-15:30			8.2827	12-09-18 13:35	2913.622373	Other	NA	Electronic	8.2647	8.2827
SBEAN-NOV18	12-09-18	15:32-17:30			8.2447	12-09-18 16:00	29002.55035	Other	NA	Electronic	8.2447	8.2677
SBEAN-NOV18	13-09-18	13:32-15:30			8.4652	13-09-18 14:14	2977.820772	Other	NA	Electronic	8.4472	8.4652
SBEAN-NOV18	17-09-18	13:32-15:30			8.2702	17-09-18 13:51	2909.225222	Other	NA	Electronic	8.2522	8.2702
SBEAN-NOV18	18-09-18	11:32-13:30			8.2152	18-09-18 12:21	2889.877759	Other	NA	Electronic	8.1972	8.2152
SBEAN-NOV18	18-09-18	13:32-15:30			8.1497	18-09-18 14:01	2965.50875	Other	NA	Electronic	8.1497	8.1677
SBEAN-NOV18	18-09-18	15:32-17:30			8.1452	18-09-18 16:13	2865.253716	Other	NA	Electronic	8.1272	8.1452
SBEAN-NOV18	19-09-18	09:32-11:30			8.1697	19-09-18 11:01	2865.253716	Other	NA	Electronic	8.1697	8.1877
SBEAN-NOV18	19-09-18	11:32-13:30			8.1652	19-09-18 12:37	2872.289157	Other	NA	Electronic	8.1472	8.1652
SBEAN-NOV18	19-09-18	13:32-15:30			8.1977	19-09-18 13:43	2883.721748	Other	NA	Electronic	8.1797	8.1977
SBEAN-NOV18	20-09-18	15:32-17:30			8.4222	20-09-18 16:04	2889.877759	Other	NA	Electronic	8.4222	8.4402
SBEAN-NOV18	21-09-18	13:32-15:30			8.4447	21-09-18 14:10	2873.168587	Other	NA	Electronic	8.4447	8.4627
SBEAN-NOV18	21-09-18	15:32-17:30			8.4247	21-09-18 15:52	2913.622373	Other	NA	Electronic	8.4247	8.4427
SBEAN-NOV18	25-09-18	11:32-13:30			8.4602	25-09-18 11:51	2976.061912	Other	NA	Electronic	8.4422	8.4602
SBEAN-NOV18	25-09-18	13:32-15:30			8.5352	25-09-18 13:45	3002.444816	Other	NA	Electronic	8.5172	8.5352

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SBEAN-NOV18	26-09-18	11:32-13:30			8.4897	26-09-18 12:17	2945.281857	Other	NA	Electronic	8.4897	8.5077
SBEAN-NOV18	26-09-18	13:32-15:30			8.4747	26-09-18 13:57	3002.444816	Other	NA	Electronic	8.4747	8.4952
SBEAN-NOV18	27-09-18	15:32-17:30			8.5597	27-09-18 17:03	2976.061912	Other	NA	Electronic	8.5597	8.5777
SBEAN-NOV18	28-09-18	13:32-15:30			8.4897	28-09-18 13:40	2961.1116	Other	NA	Electronic	8.4897	8.5077
SBEAN-SEP18	30-07-18	09:32-11:30			8.8252	30-07-18 10:36	3104.458711	Other	NA	Electronic	8.8047	8.8252
SBEAN-SEP18	30-07-18	13:32-15:30			8.8352	30-07-18 15:08	3107.976431	Other	NA	Electronic	8.8172	8.8352
SBEAN-SEP18	31-07-18	11:32-13:30			8.8727	31-07-18 12:08	3121.167883	Other	NA	Electronic	8.8547	8.8727
SBEAN-SEP18	31-07-18	13:32-15:30			9.0422	31-07-18 13:35	3121.167883	Other	NA	Electronic	9.0422	9.0627
SBEAN-SEP18	31-07-18	15:32-17:30			9.0772	31-07-18 15:38	3117.650163	Other	NA	Electronic	9.0772	9.0952
SBEAN-SEP18	07-08-18	09:32-11:30			8.8972	07-08-18 10:29	3150.189077	Other	NA	Electronic	8.8972	8.9152
SBEAN-SEP18	07-08-18	13:32-15:30			8.9552	07-08-18 13:47	3150.189077	Other	NA	Electronic	8.9347	8.9552
SBEAN-SEP18	07-08-18	15:32-17:30			8.8972	07-08-18 16:22	3150.189077	Other	NA	Electronic	8.8972	8.9177
SBEAN-SEP18	10-08-18	15:32-17:30			8.5827	10-08-18 17:22	3019.153988	Other	NA	Electronic	8.5647	8.5827
SBEAN-SEP18	13-08-18	15:32-17:30			8.5377	13-08-18 15:39	3003.324246	Other	NA	Electronic	8.5197	8.5377
SBEAN-SEP18	14-08-18	09:32-11:30			8.5877	14-08-18 11:15	3020.912848	Other	NA	Electronic	8.5672	8.5877



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SBEAN-SEP18	14-08-18	11:32-13:30			8.6702	14-08-18 12:24	3049.934043	Other	NA	Electronic	8.6522	8.6702
SBEAN-SEP18	14-08-18	13:32-15:30			8.6147	14-08-18 14:24	3003.324246	Other	NA	Electronic	8.6147	8.6327
SBEAN-SEP18	15-08-18	13:32-15:30			8.6247	15-08-18 14:50	3020.912848	Other	NA	Electronic	8.6247	8.6452
SBEAN-SEP18	16-08-18	13:32-15:30			8.8102	16-08-18 13:41	3099.18213	Other	NA	Electronic	8.7922	8.8102
SBEAN-SEP18	22-08-18	13:32-15:30			8.6152	22-08-18 14:48	3030.58658	Other	NA	Electronic	8.5947	8.6152
SBEAN-SEP18	23-08-18	13:32-15:30			8.4927	23-08-18 13:35	2987.494504	Other	NA	Electronic	8.4722	8.4927
SBEAN-SEP18	27-08-18	13:32-15:30			8.3002	27-08-18 14:01	2919.778384	Other	NA	Electronic	8.2797	8.3002
SBEAN-SEP18	28-08-18	15:32-17:30			8.2297	28-08-18 15:51	3011.239117	Other	NA	Electronic	8.2297	8.2502
SBEAN-SEP18	29-08-18	13:32-15:30			8.2472	29-08-18 13:40	2920.657814	Other	NA	Electronic	8.2472	8.2677
SBM	20-08-18	09:32-11:30			13.39	20-08-18 10:44	133.9	Other	NA	Electronic	13.39	13.44
Schlumberger	13-07-18	15:32-17:30			68.14	13-07-18 16:28	1198.48738	Other	NA	Electronic	68.07	68.14
Schlumberger	26-07-18	13:32-15:30			66.2	26-07-18 15:13	1746.548237	Other	NA	Electronic	66.13	66.2
Schlumberger	01-08-18	13:32-15:30			66.32	01-08-18 13:40	4840.383432	Other	NA	Electronic	66.32	66.43
Schlumberger	02-08-18	13:32-15:30			66.05	02-08-18 14:14	1746.548237	Other	NA	Electronic	66.05	66.12
Schneider Electric	03-07-18	09:32-11:30			70.97	03-07-18 11:13	709.7	Other	NA	Electronic	70.81	70.97

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Schneider Electric	05-07-18	13:32-15:30			68.97	05-07-18 13:54	709.7	Other	NA	Electronic	68.97	69.13
Schneider Electric	19-07-18	13:32-15:30			71.33	19-07-18 14:39	717.7	Other	NA	Electronic	71.33	71.49
Seagate	02-07-18	13:32-15:30			56.68	02-07-18 14:44	498.4609973	Other	NA	Electronic	56.58	56.68
Seagate	10-07-18	13:32-15:30			58.83	10-07-18 13:51	517.3687451	Other	NA	Electronic	58.68	58.83
Seagate	30-07-18	13:32-15:30			53.56	30-07-18 13:40	498.4609973	Other	NA	Electronic	53.56	53.8
Serco	20-09-18	09:32-11:30			0.959	20-09-18 09:42	10.6433748	Other	NA	Electronic	0.954	0.959
Serco	20-09-18	13:32-15:30			0.951	20-09-18 13:49	10.57678435	Other	NA	Electronic	0.947	0.951
SES	18-09-18	09:32-11:30			16.846	18-09-18 10:14	168.46	Other	NA	Electronic	16.799	16.846
SGDJPY	02-07-18	15:32-17:30			80.938	02-07-18 17:25	641.3216356	Other	NA	Electronic	80.742	80.938
SGDJPY	03-07-18	13:32-15:30			80.924	03-07-18 14:57	1282.643271	Other	NA	Electronic	80.924	81.118
SGDJPY	06-07-18	13:32-15:30			81.207	06-07-18 14:32	6413.216356	Other	NA	Electronic	81.207	81.401
SGDJPY	13-07-18	11:32-13:30			82.393	13-07-18 13:00	64132.16356	Other	NA	Electronic	82.197	82.393
SGDJPY	17-07-18	13:32-15:30			82.641	17-07-18 13:50	6413.216356	Other	NA	Electronic	82.641	82.838
SGDJPY	17-07-18	15:32-17:30			82.607	17-07-18 16:31	641.3216356	Other	NA	Electronic	82.607	82.805
SGDJPY	19-07-18	13:32-15:30			82.184	19-07-18 14:31	641.3216356	Other	NA	Electronic	82.184	82.381

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPY	19-07-18	15:32-17:30			82.165	19-07-18 17:11	641.3216356	Other	NA	Electronic	81.962	82.164
SGDJPY	20-07-18	09:32-11:30			82.124	20-07-18 09:32	6413.216356	Other	NA	Electronic	82.124	82.319
SGDJPY	20-07-18	11:32-13:30			82.112	20-07-18 12:26	6413.216356	Other	NA	Electronic	81.916	82.112
SGDJPY	20-07-18	13:32-15:30			82.069	20-07-18 13:35	3206.608178	Other	NA	Electronic	81.872	82.069
SGDJPY	20-07-18	15:32-17:30			82.066	20-07-18 15:52	12826.43271	Other	NA	Electronic	81.868	82.066
SGDJPY	23-07-18	09:32-11:30			81.333	23-07-18 09:37	641.3216356	Other	NA	Electronic	81.333	81.531
SGDJPY	24-07-18	15:32-17:30			81.662	24-07-18 15:49	641.3216356	Other	NA	Electronic	81.467	81.662
SGDJPY	27-07-18	13:32-15:30			81.417	27-07-18 14:51	3206.608178	Other	NA	Electronic	81.417	81.615
SGDJPY	27-07-18	15:32-17:30			81.379	27-07-18 16:14	641.3216356	Other	NA	Electronic	81.379	81.578
SGDJPY	30-07-18	11:32-13:30			81.425	30-07-18 13:23	641.3216356	Other	NA	Electronic	81.425	81.623
SGDJPY	31-07-18	11:32-13:30			82.165	31-07-18 13:24	641.3216356	Other	NA	Electronic	81.993	82.188
SGDJPY	31-07-18	13:32-15:30			82.248	31-07-18 13:50	641.3216356	Other	NA	Electronic	82.053	82.248
SGDJPY	01-08-18	11:32-13:30			82.107	01-08-18 12:16	641.3216356	Other	NA	Electronic	82.107	82.304
SGDJPY	01-08-18	13:32-15:30			82.281	01-08-18 14:47	1282.643271	Other	NA	Electronic	82.085	82.281
SGDJPY	01-08-18	15:32-17:30			81.942	01-08-18 15:58	641.3216356	Other	NA	Electronic	81.942	82.138

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPY	02-08-18	11:32-13:30			81.512	02-08-18 11:32	641.3216356	Other	NA	Electronic	81.512	81.708
SGDJPY	03-08-18	11:32-13:30			81.709	03-08-18 12:47	641.3216356	Other	NA	Electronic	81.513	81.709
SGDJPY	15-08-18	15:32-17:30			80.307	15-08-18 17:05	12826.43271	Other	NA	Electronic	80.112	80.307
SGDJPY	22-08-18	13:32-15:30			80.893	22-08-18 14:11	641.3216356	Other	NA	Electronic	80.699	80.893
SGDJPY	29-08-18	15:32-17:30			81.953	29-08-18 16:35	641.3216356	Other	NA	Electronic	81.754	81.953
SGDJPY	04-09-18	13:32-15:30			80.795	04-09-18 13:51	9619.824534	Other	NA	Electronic	80.597	80.795
SGDJPY	13-09-18	13:32-15:30			81.683	13-09-18 13:53	1282.643271	Other	NA	Electronic	81.487	81.683
SGDJPY	18-09-18	11:32-13:30			81.928	18-09-18 12:30	641.3216356	Other	NA	Electronic	81.731	81.928
SGDJPY	25-09-18	11:32-13:30			82.482	25-09-18 11:35	3206.608178	Other	NA	Electronic	82.482	82.677
SGDJPY	27-09-18	15:32-17:30			82.988	27-09-18 15:32	641.3216356	Other	NA	Electronic	82.789	82.983
SGDJPY.	06-07-18	09:32-11:30			81.307	06-07-18 09:52	3206.608178	Other	NA	Electronic	81.253	81.307
SGDJPY.	06-07-18	13:32-15:30			81.315	06-07-18 14:41	3206.608178	Other	NA	Electronic	81.315	81.371
SGDJPY.	09-07-18	11:32-13:30			81.638	09-07-18 13:20	3206.608178	Other	NA	Electronic	81.638	81.691
SGDJPY.	09-07-18	13:32-15:30			81.634	09-07-18 13:39	3206.608178	Other	NA	Electronic	81.634	81.689
SGDJPY.	09-07-18	15:32-17:30			81.641	09-07-18 17:14	641.3216356	Other	NA	Electronic	81.641	81.697

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPY.	10-07-18	13:32-15:30			82.073	10-07-18 15:26	641.3216356	Other	NA	Electronic	82.018	82.073
SGDJPY.	10-07-18	15:32-17:30			82.1	10-07-18 15:44	641.3216356	Other	NA	Electronic	82.046	82.1
SGDJPY.	11-07-18	09:30-09:32	81.755	1282.643271								
SGDJPY.	11-07-18	11:32-13:30			81.792	11-07-18 12:39	1282.643271	Other	NA	Electronic	81.792	81.847
SGDJPY.	11-07-18	13:32-15:30			81.98	11-07-18 15:18	641.3216356	Other	NA	Electronic	81.923	81.979
SGDJPY.	16-07-18	13:32-15:30			82.554	16-07-18 13:32	641.3216356	Other	NA	Electronic	82.499	82.554
SGDJPY.	18-07-18	09:32-11:30			82.566	18-07-18 09:55	1282.643271	Other	NA	Electronic	82.566	82.622
SGDJPY.	25-07-18	11:32-13:30			81.458	25-07-18 12:13	641.3216356	Other	NA	Electronic	81.458	81.513
SGDJPY.	16-08-18	13:32-15:30			80.521	16-08-18 13:45	641.3216356	Other	NA	Electronic	80.468	80.521
SGDJPY.	17-09-18	09:32-11:30			81.635	17-09-18 11:25	641.3216356	Other	NA	Electronic	81.581	81.635
SGDJPYmicro	02-07-18	09:32-11:30			80.894	02-07-18 10:41	173.1568416	Other	NA	Electronic	80.894	81.092
SGDJPYmicro	02-07-18	11:32-13:30			81.023	02-07-18 12:15	3206.608178	Other	NA	Electronic	80.826	81.023
SGDJPYmicro	02-07-18	13:32-15:30			80.886	02-07-18 14:59	173.1568416	Other	NA	Electronic	80.692	80.884
SGDJPYmicro	02-07-18	15:32-17:30			80.834	02-07-18 15:41	64.13216356	Other	NA	Electronic	80.637	80.834
SGDJPYmicro	03-07-18	15:32-17:30			81.033	03-07-18 16:28	64.13216356	Other	NA	Electronic	80.837	81.033

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPYmicro	04-07-18	09:32-11:30			81.057	04-07-18 11:06	6535.067467	Other	NA	Electronic	80.86	81.057
SGDJPYmicro	04-07-18	15:32-17:30			80.847	04-07-18 17:04	6535.067467	Other	NA	Electronic	80.847	81.047
SGDJPYmicro	05-07-18	15:32-17:30			80.962	05-07-18 16:09	288.594736	Other	NA	Electronic	80.962	81.159
SGDJPYmicro	06-07-18	13:32-15:30			81.403	06-07-18 14:29	64.13216356	Other	NA	Electronic	81.207	81.403
SGDJPYmicro	09-07-18	09:32-11:30			81.492	09-07-18 10:17	89.78502899	Other	NA	Electronic	81.492	81.691
SGDJPYmicro	09-07-18	13:32-15:30			81.57	09-07-18 13:35	128.2643271	Other	NA	Electronic	81.57	81.767
SGDJPYmicro	10-07-18	09:32-11:30			82.06	10-07-18 11:08	64.13216356	Other	NA	Electronic	81.862	82.06
SGDJPYmicro	10-07-18	11:32-13:30			81.887	10-07-18 13:08	641.3216356	Other	NA	Electronic	81.887	82.083
SGDJPYmicro	10-07-18	15:32-17:30			82.186	10-07-18 16:20	641.3216356	Other	NA	Electronic	81.988	82.186
SGDJPYmicro	11-07-18	13:32-15:30			81.922	11-07-18 14:05	64.13216356	Other	NA	Electronic	81.727	81.922
SGDJPYmicro	11-07-18	15:32-17:30			82.03	11-07-18 16:43	320.6608178	Other	NA	Electronic	82.03	82.228
SGDJPYmicro	12-07-18	09:32-11:30			82.413	12-07-18 10:15	320.6608178	Other	NA	Electronic	82.413	82.613
SGDJPYmicro	12-07-18	11:32-13:30			82.411	12-07-18 13:25	320.6608178	Other	NA	Electronic	82.411	82.611
SGDJPYmicro	12-07-18	15:32-17:30			82.643	12-07-18 15:40	6.413216356	Other	NA	Electronic	82.444	82.643
SGDJPYmicro	13-07-18	09:32-11:30			82.216	13-07-18 10:20	32.06608178	Other	NA	Electronic	82.216	82.413

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPYmicro	13-07-18	11:32-13:30			82.197	13-07-18 13:02	6.413216356	Other	NA	Electronic	82.197	82.397
SGDJPYmicro	13-07-18	15:32-17:30			82.329	13-07-18 15:56	89.78502899	Other	NA	Electronic	82.132	82.329
SGDJPYmicro	17-07-18	09:32-11:30			82.758	17-07-18 09:35	6.413216356	Other	NA	Electronic	82.561	82.758
SGDJPYmicro	17-07-18	13:32-15:30			82.716	17-07-18 14:30	128.2643271	Other	NA	Electronic	82.716	82.912
SGDJPYmicro	18-07-18	11:32-13:30			82.288	18-07-18 12:13	96.19824534	Other	NA	Electronic	82.289	82.487
SGDJPYmicro	18-07-18	13:32-15:30			82.463	18-07-18 14:32	6.413216356	Other	NA	Electronic	82.463	82.658
SGDJPYmicro	19-07-18	09:32-11:30			82.287	19-07-18 10:41	211.6361398	Other	NA	Electronic	82.287	82.483
SGDJPYmicro	19-07-18	11:32-13:30			82.207	19-07-18 12:38	38.47929814	Other	NA	Electronic	82.205	82.403
SGDJPYmicro	20-07-18	15:32-17:30			82.068	20-07-18 16:37	320.6608178	Other	NA	Electronic	81.869	82.068
SGDJPYmicro	23-07-18	09:32-11:30			81.532	23-07-18 10:07	641.3216356	Other	NA	Electronic	81.335	81.532
SGDJPYmicro	23-07-18	11:32-13:30			81.56	23-07-18 11:36	32.06608178	Other	NA	Electronic	81.363	81.56
SGDJPYmicro	23-07-18	15:32-17:30			81.787	23-07-18 16:57	32.06608178	Other	NA	Electronic	81.587	81.787
SGDJPYmicro	24-07-18	15:32-17:30			81.693	24-07-18 16:25	173.1568416	Other	NA	Electronic	81.496	81.693
SGDJPYmicro	25-07-18	11:32-13:30			81.603	25-07-18 11:47	64.13216356	Other	NA	Electronic	81.405	81.601
SGDJPYmicro	25-07-18	15:32-17:30			81.536	25-07-18 15:36	64.13216356	Other	NA	Electronic	81.339	81.536

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPYmicro	26-07-18	09:32-11:30			81.33	26-07-18 10:17	961.9824534	Other	NA	Electronic	81.33	81.528
SGDJPYmicro	27-07-18	15:32-17:30			81.372	27-07-18 16:34	32.06608178	Other	NA	Electronic	81.371	81.57
SGDJPYmicro	30-07-18	09:32-11:30			81.642	30-07-18 10:50	320.6608178	Other	NA	Electronic	81.444	81.642
SGDJPYmicro	31-07-18	13:30-13:32	82.182	64.13216356								
SGDJPYmicro	01-08-18	09:32-11:30			82.312	01-08-18 10:20	6.413216356	Other	NA	Electronic	82.114	82.312
SGDJPYmicro	01-08-18	11:32-13:30			82.303	01-08-18 12:16	166.7436253	Other	NA	Electronic	82.105	82.303
SGDJPYmicro	01-08-18	15:32-17:30			81.995	01-08-18 15:32	641.3216356	Other	NA	Electronic	81.995	82.192
SGDJPYmicro	02-08-18	13:32-15:30			81.64	02-08-18 14:58	89.78502899	Other	NA	Electronic	81.446	81.64
SGDJPYmicro	03-08-18	13:32-15:30			81.363	03-08-18 13:36	641.3216356	Other	NA	Electronic	81.365	81.562
SGDJPYmicro	06-08-18	11:32-13:30			81.347	06-08-18 11:39	961.9824534	Other	NA	Electronic	81.347	81.544
SGDJPYmicro	06-08-18	13:32-15:30			81.356	06-08-18 15:13	6413.216356	Other	NA	Electronic	81.356	81.553
SGDJPYmicro	06-08-18	15:32-17:30			81.553	06-08-18 15:33	961.9824534	Other	NA	Electronic	81.361	81.553
SGDJPYmicro	07-08-18	11:32-13:30			81.539	07-08-18 12:27	25.65286543	Other	NA	Electronic	81.342	81.539
SGDJPYmicro	08-08-18	13:32-15:30			81.298	08-08-18 14:52	64.13216356	Other	NA	Electronic	81.298	81.493
SGDJPYmicro	09-08-18	09:32-11:30			81.442	09-08-18 09:46	6.413216356	Other	NA	Electronic	81.442	81.643



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SGDJPYmicro	10-08-18	15:32-17:30			80.696	10-08-18 17:15	320.6608178	Other	NA	Electronic	80.497	80.696
SGDJPYmicro	13-08-18	13:32-15:30			80.595	13-08-18 14:05	6.413216356	Other	NA	Electronic	80.595	80.792
SGDJPYmicro	21-08-18	09:32-11:30			80.545	21-08-18 10:19	64.13216356	Other	NA	Electronic	80.545	80.742
SGDJPYmicro	21-08-18	11:32-13:30			80.801	21-08-18 12:04	70.54537992	Other	NA	Electronic	80.614	80.809
SGDJPYmicro	21-08-18	13:32-15:30			80.64	21-08-18 14:05	679.8009338	Other	NA	Electronic	80.64	80.835
SGDJPYmicro	21-08-18	15:30-15:32	80.802	128.2643271								
SGDJPYmicro	22-08-18	13:32-15:30			81.016	22-08-18 15:23	128.2643271	Other	NA	Electronic	80.812	81.008
SGDJPYmicro	24-08-18	09:32-11:30			81.249	24-08-18 10:39	1923.964907	Other	NA	Electronic	81.249	81.445
SGDJPYmicro	27-08-18	11:32-13:30			81.238	27-08-18 11:37	6.413216356	Other	NA	Electronic	81.238	81.433
SGDJPYmicro	27-08-18	13:32-15:30			81.277	27-08-18 14:18	128.2643271	Other	NA	Electronic	81.277	81.471
SGDJPYmicro	29-08-18	09:32-11:30			81.468	29-08-18 09:44	64.13216356	Other	NA	Electronic	81.272	81.468
SGDJPYmicro	29-08-18	13:32-15:30			81.503	29-08-18 14:09	513.0573085	Other	NA	Electronic	81.503	81.7
SGDJPYmicro	30-08-18	11:32-13:30			81.348	30-08-18 13:20	256.5286543	Other	NA	Electronic	81.348	81.543
SGDJPYmicro	31-08-18	11:32-13:30			80.928	31-08-18 12:11	192.3964907	Other	NA	Electronic	80.732	80.928
SGDJPYmicro	31-08-18	15:32-17:30			80.933	31-08-18 16:23	641.3216356	Other	NA	Electronic	80.736	80.933

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SGDJPYmicro	03-09-18	11:32-13:30			80.935	03-09-18 11:46	641.3216356	Other	NA	Electronic	80.935	81.132
SGDJPYmicro	04-09-18	11:32-13:30			80.923	04-09-18 11:57	6.413216356	Other	NA	Electronic	80.727	80.923
SGDJPYmicro	05-09-18	11:32-13:30			81.067	05-09-18 11:43	6.413216356	Other	NA	Electronic	80.868	81.067
SGDJPYmicro	13-09-18	11:32-13:30			81.345	13-09-18 13:23	641.3216356	Other	NA	Electronic	81.345	81.541
SGDJPYmicro	13-09-18	13:32-15:30			81.711	13-09-18 14:06	128.2643271	Other	NA	Electronic	81.512	81.711
SGDJPYmicro	18-09-18	13:32-15:30			82.048	18-09-18 14:26	641.3216356	Other	NA	Electronic	81.852	82.048
SGDJPYmicro	21-09-18	09:32-11:30			82.798	21-09-18 10:25	19.23964907	Other	NA	Electronic	82.6	82.798
SGDJPYmicro	21-09-18	11:32-13:30			82.512	21-09-18 12:07	256.5286543	Other	NA	Electronic	82.512	82.71
SGDJPYmicro	27-09-18	11:32-13:30			82.813	27-09-18 12:04	64.13216356	Other	NA	Electronic	82.618	82.813
SGDJPYmicro	27-09-18	13:32-15:30			82.915	27-09-18 14:29	64.13216356	Other	NA	Electronic	82.719	82.915
SGDJPYmicro	28-09-18	11:32-13:30			82.737	28-09-18 11:48	6.413216356	Other	NA	Electronic	82.737	82.932
SGL	13-09-18	13:32-15:30			9.99	13-09-18 14:22	999	Other	NA	Electronic	9.84	9.99
SHELL	02-07-18	11:32-13:30			26.907	02-07-18 13:20	2986.249071	Other	NA	Electronic	26.907	26.948
SHELL	02-07-18	13:32-15:30			26.798	02-07-18 13:44	2986.249071	Other	NA	Electronic	26.752	26.798
SHELL	03-07-18	11:32-13:30			26.927	03-07-18 11:37	2988.468752	Other	NA	Electronic	26.927	26.968

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SHELL	03-07-18	13:32-15:30			26.918	03-07-18 14:48	2988.468752	Other	NA	Electronic	26.872	26.918
SHELL	23-07-18	09:32-11:30			27.272	23-07-18 09:37	3026.758266	Other	NA	Electronic	27.272	27.318
SHELL	23-07-18	13:32-15:30			27.372	23-07-18 13:45	3037.856675	Other	NA	Electronic	27.372	27.418
Siemens	02-07-18	13:32-15:30			112.88	02-07-18 15:15	2257.6	Other	NA	Electronic	112.88	113.13
Siemens	04-07-18	13:32-15:30			113.14	04-07-18 14:22	2279.8	Other	NA	Electronic	113.14	113.37
Siemens	09-07-18	09:32-11:30			115.29	09-07-18 10:13	1152.9	Other	NA	Electronic	115.04	115.29
Siemens	09-07-18	13:32-15:30			115.8	09-07-18 15:12	1152.9	Other	NA	Electronic	115.8	116.05
Siemens	10-07-18	09:32-11:30			117.57	10-07-18 11:18	1175.7	Other	NA	Electronic	117.32	117.57
Siemens	19-07-18	09:32-11:30			117.86	19-07-18 10:55	11786	Other	NA	Electronic	117.86	118.11
Siemens	19-07-18	11:32-13:30			118.17	19-07-18 12:31	11786	Other	NA	Electronic	117.92	118.17
Siemens	23-07-18	09:32-11:30			116.35	23-07-18 10:45	1164.2	Other	NA	Electronic	116.1	116.35
Siemens	01-08-18	13:32-15:30			120.46	01-08-18 14:01	1204.6	Other	NA	Electronic	120.46	120.69
Siemens	10-08-18	11:32-13:30			110.26	10-08-18 12:06	1109.9	Other	NA	Electronic	110.26	110.49
Siemens	23-08-18	13:32-15:30			112.06	23-08-18 15:17	1111.9	Other	NA	Electronic	112.06	112.29
Siemens	07-09-18	13:32-15:30			108.29	07-09-18 15:19	1082.9	Other	NA	Electronic	108.06	108.29

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Siemens	24-09-18	11:32-13:30			111.11	24-09-18 13:16	1111.1	Other	NA	Electronic	110.86	111.11
Siemens	24-09-18	13:32-15:30			110.84	24-09-18 13:44	1111.1	Other	NA	Electronic	110.84	111.09
SILVER	02-07-18	09:32-11:30			15.978	02-07-18 10:14	148750.5057	Other	NA	Electronic	15.942	15.978
SILVER	02-07-18	11:32-13:30			15.992	02-07-18 11:56	1406.384663	Other	NA	Electronic	15.953	15.992
SILVER	02-07-18	13:32-15:30			15.841	02-07-18 13:46	35489.40287	Other	NA	Electronic	15.843	15.881
SILVER	02-07-18	15:30-15:32	15.857	2091.768534								
SILVER	03-07-18	09:30-09:32	15.932	1397.502418								
SILVER	03-07-18	11:32-13:30			15.969	03-07-18 12:11	1404.361973	Other	NA	Electronic	15.933	15.969
SILVER	03-07-18	13:32-15:30			15.991	03-07-18 13:35	702.4448158	Other	NA	Electronic	15.991	16.028
SILVER	03-07-18	15:32-17:30			15.996	03-07-18 15:45	704.4675051	Other	NA	Electronic	15.995	16.033
SILVER	04-07-18	09:32-11:30			16.084	04-07-18 09:36	707.23771	Other	NA	Electronic	16.046	16.084
SILVER	04-07-18	11:32-13:30			16.028	04-07-18 11:45	7047.753056	Other	NA	Electronic	15.991	16.028
SILVER	04-07-18	13:32-15:30			16.091	04-07-18 14:03	707.5455105	Other	NA	Electronic	16.053	16.091
SILVER	04-07-18	15:32-17:30			16.082	04-07-18 16:25	1414.299534	Other	NA	Electronic	16.082	16.121
SILVER	05-07-18	09:32-11:30			15.992	05-07-18 09:38	702.2249582	Other	NA	Electronic	15.955	15.992

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SILVER	05-07-18	11:32-13:30			16	05-07-18 11:48	703.5441034	Other	NA	Electronic	15.964	16
SILVER	05-07-18	13:32-15:30			16.05	05-07-18 13:32	4934.966142	Other	NA	Electronic	16.013	16.05
SILVER	05-07-18	15:32-17:30			16.073	05-07-18 15:51	7067.540234	Other	NA	Electronic	16.037	16.073
SILVER	06-07-18	09:30-09:32	16.033	704.9951631								
SILVER	06-07-18	11:32-13:30			16.018	06-07-18 12:02	1408.671181	Other	NA	Electronic	15.98	16.018
SILVER	06-07-18	13:32-15:30			15.989	06-07-18 13:50	703.0604168	Other	NA	Electronic	15.989	16.024
SILVER	06-07-18	15:32-17:30			16.006	06-07-18 16:01	31671.35696	Other	NA	Electronic	15.966	16.006
SILVER	09-07-18	09:32-11:30			16.201	09-07-18 09:38	7123.823762	Other	NA	Electronic	16.163	16.201
SILVER	09-07-18	11:32-13:30			16.188	09-07-18 11:41	2125.670565	Other	NA	Electronic	16.188	16.219
SILVER	09-07-18	13:32-15:30			16.22	09-07-18 13:36	713.2178348	Other	NA	Electronic	16.181	16.22
SILVER	09-07-18	15:32-17:30			16.131	09-07-18 15:35	709.3043708	Other	NA	Electronic	16.093	16.131
SILVER	10-07-18	09:30-09:32	16.018	704.3355905								
SILVER	10-07-18	11:30-11:32	15.951	4929.117932								
SILVER	10-07-18	13:30-13:32	16.11767	4249.230499								
SILVER	10-07-18	15:32-17:30			16.086	10-07-18 15:32	707.325653	Other	NA	Electronic	16.049	16.086

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SILVER	11-07-18	09:32-11:30			15.963	11-07-18 10:03	702.4008443	Other	NA	Electronic	15.925	15.963
SILVER	11-07-18	11:32-13:30			15.926	11-07-18 11:53	700.2902119	Other	NA	Electronic	15.889	15.926
SILVER	11-07-18	13:32-15:30			15.923	11-07-18 14:29	700.4221265	Other	NA	Electronic	15.886	15.923
SILVER	11-07-18	15:30-15:32	15.858	1396.710931								
SILVER	12-07-18	09:32-11:30			15.883	12-07-18 10:26	34919.97186	Other	NA	Electronic	15.844	15.883
SILVER	12-07-18	11:32-13:30			15.879	12-07-18 12:09	1396.447102	Other	NA	Electronic	15.842	15.879
SILVER	12-07-18	13:32-15:30			15.878	12-07-18 13:38	696.5086624	Other	NA	Electronic	15.878	15.915
SILVER	12-07-18	15:30-15:32	15.955	696.4646909								
SILVER	13-07-18	09:32-11:30			15.794	13-07-18 09:32	694.4859731	Other	NA	Electronic	15.794	15.831
SILVER	13-07-18	11:30-11:32	15.77175	9041.201302								
SILVER	13-07-18	13:32-15:30			15.801	13-07-18 14:05	2089.262158	Other	NA	Electronic	15.763	15.801
SILVER	13-07-18	15:32-17:30			15.872	13-07-18 15:44	1395.831501	Other	NA	Electronic	15.834	15.872
SILVER	16-07-18	09:32-11:30			15.854	16-07-18 09:43	697.1242635	Other	NA	Electronic	15.82	15.854
SILVER	16-07-18	11:32-13:30			15.824	16-07-18 11:40	1391.610237	Other	NA	Electronic	15.786	15.824
SILVER	16-07-18	13:30-13:32	15.794	4166.915839								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SILVER	16-07-18	15:32-17:30			15.74	16-07-18 15:37	1384.223023	Other	NA	Electronic	15.74	15.774
SILVER	17-07-18	09:32-11:30			15.86	17-07-18 09:35	697.3880925	Other	NA	Electronic	15.823	15.86
SILVER	17-07-18	11:32-13:30			15.777	17-07-18 11:48	13874.76915	Other	NA	Electronic	15.74	15.777
SILVER	17-07-18	13:30-13:32	15.58933	2754.858851								
SILVER	17-07-18	15:30-15:32	15.636	1375.07695								
SILVER	18-07-18	09:32-11:30			15.457	18-07-18 09:41	679.6675754	Other	NA	Electronic	15.426	15.457
SILVER	18-07-18	11:32-13:30			15.471	18-07-18 12:31	677.8207721	Other	NA	Electronic	15.438	15.474
SILVER	18-07-18	13:32-15:30			15.465	18-07-18 13:44	678.4803447	Other	NA	Electronic	15.429	15.465
SILVER	18-07-18	15:32-17:30			15.501	18-07-18 15:42	681.6023217	Other	NA	Electronic	15.466	15.501
SILVER	19-07-18	09:30-09:32	15.234	1349.08979								
SILVER	19-07-18	11:32-13:30			15.278	19-07-18 11:58	671.7966758	Other	NA	Electronic	15.241	15.278
SILVER	19-07-18	13:30-13:32	15.3	6819.980653								
SILVER	19-07-18	15:32-17:30			15.309	19-07-18 15:34	34031.74743	Other	NA	Electronic	15.275	15.309
SILVER	20-07-18	09:32-11:30			15.443	20-07-18 09:39	679.0519743	Other	NA	Electronic	15.409	15.443
SILVER	20-07-18	11:32-13:30			15.381	20-07-18 12:17	6763.257409	Other	NA	Electronic	15.347	15.381

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SILVER	20-07-18	13:32-15:30			15.451	20-07-18 13:39	679.4037464	Other	NA	Electronic	15.415	15.452
SILVER	20-07-18	15:32-17:30			15.458	20-07-18 15:34	679.4037464	Other	NA	Electronic	15.457	15.495
SILVER	23-07-18	09:32-11:30			15.517	23-07-18 10:54	682.3058658	Other	NA	Electronic	15.48	15.517
SILVER	23-07-18	11:32-13:30			15.533	23-07-18 11:38	33972.38589	Other	NA	Electronic	15.497	15.533
SILVER	23-07-18	13:32-15:30			15.445	23-07-18 13:38	681.2065781	Other	NA	Electronic	15.412	15.445
SILVER	23-07-18	15:32-17:30			15.429	23-07-18 15:50	6790.959458	Other	NA	Electronic	15.392	15.429
SILVER	24-07-18	09:32-11:30			15.437	24-07-18 09:44	3391.082578	Other	NA	Electronic	15.437	15.472
SILVER	24-07-18	11:32-13:30			15.5	24-07-18 11:37	678.1285727	Other	NA	Electronic	15.5	15.537
SILVER	24-07-18	13:32-15:30			15.57	24-07-18 13:40	1369.272711	Other	NA	Electronic	15.534	15.57
SILVER	24-07-18	15:30-15:32	15.538	6838.00897								
SILVER	25-07-18	09:32-11:30			15.562	25-07-18 09:50	1363.204643	Other	NA	Electronic	15.562	15.599
SILVER	25-07-18	11:30-11:32	15.5595	4221.000791								
SILVER	25-07-18	13:32-15:30			15.593	25-07-18 13:42	681.7782077	Other	NA	Electronic	15.593	15.63
SILVER	25-07-18	15:32-17:30			15.575	25-07-18 17:02	2054.56864	Other	NA	Electronic	15.539	15.575
SILVER	26-07-18	09:32-11:30			15.532	26-07-18 09:37	682.1739513	Other	NA	Electronic	15.532	15.568



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SILVER	26-07-18	11:32-13:30			15.54	26-07-18 12:07	3520.798523	Other	NA	Electronic	15.54	15.578
SILVER	26-07-18	13:30-13:32	15.467	34005.36452								
SILVER	26-07-18	15:32-17:30			15.486	26-07-18 16:08	1365.13939	Other	NA	Electronic	15.45	15.486
SILVER	27-07-18	09:32-11:30			15.326	27-07-18 09:45	673.9073081	Other	NA	Electronic	15.326	15.362
SILVER	27-07-18	11:32-13:30			15.398	27-07-18 11:42	677.0732565	Other	NA	Electronic	15.361	15.398
SILVER	27-07-18	13:32-15:30			15.46	27-07-18 13:35	1362.23727	Other	NA	Electronic	15.46	15.496
SILVER	27-07-18	15:30-15:32	15.49	680.239205								
SILVER	30-07-18	09:32-11:30			15.523	30-07-18 09:43	682.5257233	Other	NA	Electronic	15.489	15.523
SILVER	30-07-18	11:32-13:30			15.503	30-07-18 11:56	6809.427491	Other	NA	Electronic	15.503	15.539
SILVER	30-07-18	13:32-15:30			15.473	30-07-18 13:36	6782.604872	Other	NA	Electronic	15.472	15.511
SILVER	30-07-18	15:32-17:30			15.499	30-07-18 15:36	1363.028757	Other	NA	Electronic	15.499	15.535
SILVER	31-07-18	09:32-11:30			15.445	31-07-18 09:36	3395.699587	Other	NA	Electronic	15.409	15.445
SILVER	31-07-18	11:32-13:30			15.471	31-07-18 11:41	678.9200598	Other	NA	Electronic	15.471	15.508
SILVER	31-07-18	13:32-15:30			15.542	31-07-18 13:33	341394.7762	Other	NA	Electronic	15.547	15.583
SILVER	31-07-18	15:30-15:32	15.557	2052.194178								

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SILVER	01-08-18	09:32-11:30			15.427	01-08-18 09:39	678.3484302	Other	NA	Electronic	15.427	15.464
SILVER	01-08-18	11:32-13:30			15.439	01-08-18 11:47	7020.930437	Other	NA	Electronic	15.439	15.475
SILVER	01-08-18	13:32-15:30			15.412	01-08-18 13:45	6776.888576	Other	NA	Electronic	15.412	15.446
SILVER	01-08-18	15:32-17:30			15.449	01-08-18 15:34	679.3158034	Other	NA	Electronic	15.413	15.449
SILVER	02-08-18	09:32-11:30			15.358	02-08-18 09:38	703.5880749	Other	NA	Electronic	15.358	15.397
SILVER	02-08-18	11:32-13:30			15.402	02-08-18 11:49	1374.19752	Other	NA	Electronic	15.402	15.439
SILVER	02-08-18	15:32-17:30			15.415	02-08-18 15:38	2033.462316	Other	NA	Electronic	15.38	15.416
SILVER	03-08-18	09:32-11:30			15.316	03-08-18 10:22	2693.870372	Other	NA	Electronic	15.316	15.352
SILVER	03-08-18	11:32-13:30			15.45	03-08-18 12:21	679.3597749	Other	NA	Electronic	15.413	15.45
SILVER	03-08-18	13:32-15:30			15.416	03-08-18 13:32	679.3597749	Other	NA	Electronic	15.417	15.454
SILVER	03-08-18	15:32-17:30			15.482	03-08-18 15:41	680.8108346	Other	NA	Electronic	15.482	15.517
SILVER	06-08-18	09:32-11:30			15.378	06-08-18 09:43	676.1938264	Other	NA	Electronic	15.341	15.378
SILVER	06-08-18	11:32-13:30			15.317	06-08-18 12:34	673.5115645	Other	NA	Electronic	15.279	15.316
SILVER	06-08-18	13:32-15:30			15.337	06-08-18 13:53	33719.54973	Other	NA	Electronic	15.3	15.337
SILVER	06-08-18	15:32-17:30			15.337	06-08-18 15:58	13487.81989	Other	NA	Electronic	15.337	15.374

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SILVER	07-08-18	09:32-11:30			15.448	07-08-18 10:22	1358.543664	Other	NA	Electronic	15.448	15.483
SILVER	07-08-18	13:32-15:30			15.362	07-08-18 15:27	675.4902823	Other	NA	Electronic	15.362	15.398
SILVER	07-08-18	15:32-17:30			15.418	07-08-18 15:38	3389.763433	Other	NA	Electronic	15.382	15.418
SILVER	08-08-18	09:32-11:30			15.351	08-08-18 09:35	675.0065957	Other	NA	Electronic	15.351	15.387
SILVER	08-08-18	11:32-13:30			15.312	08-08-18 11:58	673.291707	Other	NA	Electronic	15.312	15.349
SILVER	08-08-18	13:32-15:30			15.373	08-08-18 13:39	3379.869844	Other	NA	Electronic	15.373	15.409
SILVER	09-08-18	09:32-11:30			15.493	09-08-18 10:20	3393.061296	Other	NA	Electronic	15.493	15.53
SILVER	09-08-18	11:32-13:30			15.515	09-08-18 11:57	2046.653768	Other	NA	Electronic	15.479	15.515
SILVER	09-08-18	13:32-15:30			15.425	09-08-18 13:48	690.9682526	Other	NA	Electronic	15.425	15.459
SILVER	09-08-18	15:32-17:30			15.477	09-08-18 16:37	680.5470055	Other	NA	Electronic	15.441	15.477
SILVER	10-08-18	11:32-13:30			15.355	10-08-18 12:32	1350.364964	Other	NA	Electronic	15.355	15.393
SILVER	10-08-18	13:32-15:30			15.395	10-08-18 14:46	3376.132266	Other	NA	Electronic	15.395	15.433
SILVER	10-08-18	15:32-17:30			15.311	10-08-18 17:27	13529.15311	Other	NA	Electronic	15.274	15.311
SILVER	13-08-18	09:32-11:30			15.244	13-08-18 09:45	670.3016445	Other	NA	Electronic	15.207	15.244
SILVER	13-08-18	11:32-13:30			15.118	13-08-18 11:44	664.7612347	Other	NA	Electronic	15.118	15.155

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SILVER	13-08-18	13:32-15:30			15.133	13-08-18 14:50	1375.07695	Other	NA	Electronic	15.133	15.17
SILVER	13-08-18	15:30-15:32	15.108	11957.78735								
SILVER	14-08-18	09:32-11:30			15.057	14-08-18 10:50	662.0789728	Other	NA	Electronic	15.02	15.057
SILVER	14-08-18	11:32-13:30			15.025	14-08-18 12:08	660.6718846	Other	NA	Electronic	15.025	15.063
SILVER	14-08-18	13:32-15:30			15.101	14-08-18 14:27	6640.137191	Other	NA	Electronic	15.064	15.101
SILVER	14-08-18	15:32-17:30			15.045	14-08-18 15:32	16350.36496	Other	NA	Electronic	15.045	15.081
SILVER	15-08-18	09:32-11:30			14.837	15-08-18 09:34	7828.862897	Other	NA	Electronic	14.837	14.874
SILVER	15-08-18	11:32-13:30			14.803	15-08-18 11:39	1301.82042	Other	NA	Electronic	14.803	14.84
SILVER	15-08-18	13:30-13:32	14.723	3236.962448								
SILVER	15-08-18	15:32-17:30			14.469	15-08-18 15:39	32447.41008	Other	NA	Electronic	14.432	14.469
SILVER	16-08-18	09:32-11:30			14.579	16-08-18 10:33	641.0605927	Other	NA	Electronic	14.579	14.615
SILVER	16-08-18	11:32-13:30			14.653	16-08-18 11:50	1288.628968	Other	NA	Electronic	14.616	14.653
SILVER	16-08-18	13:32-15:30			14.643	16-08-18 13:32	3219.373846	Other	NA	Electronic	14.643	14.68
SILVER	16-08-18	15:32-17:30			14.769	16-08-18 15:45	636.047841	Other	NA	Electronic	14.769	14.806
SILVER	17-08-18	09:32-11:30			14.638	17-08-18 09:43	3207.061824	Other	NA	Electronic	14.638	14.675

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SILVER	17-08-18	11:32-13:30			14.681	17-08-18 12:45	1936.637059	Other	NA	Electronic	14.645	14.681
SILVER	17-08-18	13:32-15:30			14.689	17-08-18 13:48	1936.637059	Other	NA	Electronic	14.689	14.725
SILVER	17-08-18	15:32-17:30			14.661	17-08-18 17:08	3223.990854	Other	NA	Electronic	14.624	14.661
SILVER	20-08-18	09:32-11:30			14.755	20-08-18 10:35	648.7995779	Other	NA	Electronic	14.718	14.755
SILVER	20-08-18	11:32-13:30			14.698	20-08-18 11:40	3231.46601	Other	NA	Electronic	14.698	14.736
SILVER	20-08-18	13:32-15:30			14.727	20-08-18 13:52	64756.83757	Other	NA	Electronic	14.69	14.727
SILVER	20-08-18	15:32-17:30			14.67	20-08-18 15:58	3225.309999	Other	NA	Electronic	14.67	14.706
SILVER	21-08-18	09:32-11:30			14.807	21-08-18 10:39	650.5584381	Other	NA	Electronic	14.807	14.845
SILVER	21-08-18	11:32-13:30			14.79	21-08-18 12:03	650.3385806	Other	NA	Electronic	14.752	14.788
SILVER	21-08-18	13:32-15:30			14.747	21-08-18 13:42	648.4478058	Other	NA	Electronic	14.747	14.782
SILVER	21-08-18	15:32-17:30			14.769	21-08-18 16:15	649.415179	Other	NA	Electronic	14.733	14.769
SILVER	22-08-18	09:32-11:30			14.783	22-08-18 10:37	650.0307801	Other	NA	Electronic	14.783	14.82
SILVER	22-08-18	11:30-11:32	14.856	1307.976431								
SILVER	22-08-18	13:32-15:30			14.756	22-08-18 13:58	648.8435494	Other	NA	Electronic	14.72	14.756
SILVER	22-08-18	15:32-17:30			14.768	22-08-18 15:44	649.3712075	Other	NA	Electronic	14.732	14.768

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SILVER	23-08-18	09:32-11:30			14.588	23-08-18 10:26	641.4563363	Other	NA	Electronic	14.551	14.588
SILVER	23-08-18	11:32-13:30			14.663	23-08-18 12:54	644.7541993	Other	NA	Electronic	14.627	14.663
SILVER	23-08-18	13:30-13:32	14.581	644.7541993								
SILVER	23-08-18	15:32-17:30			14.57	23-08-18 15:47	640.6648492	Other	NA	Electronic	14.57	14.606
SILVER	24-08-18	09:32-11:30			14.664	24-08-18 10:03	644.7981708	Other	NA	Electronic	14.628	14.664
SILVER	24-08-18	11:32-13:30			14.642	24-08-18 12:04	1278.515522	Other	NA	Electronic	14.642	14.679
SILVER	24-08-18	13:32-15:30			14.775	24-08-18 14:02	1295.136751	Other	NA	Electronic	14.738	14.775
SILVER	24-08-18	15:32-17:30			14.826	24-08-18 15:33	63938.96755	Other	NA	Electronic	14.826	14.864
SILVER	27-08-18	09:32-11:30			14.821	27-08-18 09:52	4569.914695	Other	NA	Electronic	14.783	14.821
SILVER	27-08-18	13:30-13:32	14.839	6498.988655								
SILVER	27-08-18	15:32-17:30			14.845	27-08-18 16:06	3178.92006	Other	NA	Electronic	14.845	14.882
SILVER	28-08-18	09:32-11:30			14.963	28-08-18 10:00	1315.891302	Other	NA	Electronic	14.963	14.999
SILVER	28-08-18	11:32-13:30			14.923	28-08-18 12:15	655.7031044	Other	NA	Electronic	14.923	14.958
SILVER	28-08-18	13:32-15:30			14.826	28-08-18 14:21	655.3073608	Other	NA	Electronic	14.826	14.862
SILVER	28-08-18	15:32-17:30			14.859	28-08-18 15:32	653.3726145	Other	NA	Electronic	14.859	14.894

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SILVER	29-08-18	09:32-11:30			14.751	29-08-18 09:58	64805.20623	Other	NA	Electronic	14.714	14.751
SILVER	29-08-18	11:32-13:30			14.707	29-08-18 12:17	646.6889456	Other	NA	Electronic	14.707	14.744
SILVER	29-08-18	13:32-15:30			14.721	29-08-18 13:40	3429.997362	Other	NA	Electronic	14.721	14.757
SILVER	30-08-18	09:32-11:30			14.661	30-08-18 09:38	644.6662563	Other	NA	Electronic	14.623	14.661
SILVER	30-08-18	11:32-13:30			14.678	30-08-18 12:02	645.4137719	Other	NA	Electronic	14.641	14.678
SILVER	30-08-18	13:30-13:32	14.61533	19255.5624								
SILVER	30-08-18	15:32-17:30			14.511	30-08-18 16:13	12801.86439	Other	NA	Electronic	14.511	14.55
SILVER	31-08-18	09:32-11:30			14.692	31-08-18 09:38	1292.058746	Other	NA	Electronic	14.654	14.692
SILVER	31-08-18	11:32-13:30			14.56	31-08-18 11:55	1297.862985	Other	NA	Electronic	14.56	14.593
SILVER	31-08-18	13:32-15:30			14.583	31-08-18 14:00	641.2364788	Other	NA	Electronic	14.547	14.583
SILVER	31-08-18	15:32-17:30			14.506	31-08-18 15:41	642.0719374	Other	NA	Electronic	14.506	14.543
SILVER	03-09-18	09:32-11:30			14.492	03-09-18 10:05	637.7627298	Other	NA	Electronic	14.492	14.53
SILVER	03-09-18	11:32-13:30			14.458	03-09-18 12:14	651.2619822	Other	NA	Electronic	14.458	14.494
SILVER	04-09-18	09:32-11:30			14.258	04-09-18 09:32	1253.891478	Other	NA	Electronic	14.258	14.295
SILVER	04-09-18	11:32-13:30			14.233	04-09-18 11:41	629.100343	Other	NA	Electronic	14.197	14.233

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SILVER	04-09-18	13:32-15:30			14.075	04-09-18 13:40	618.8989535	Other	NA	Electronic	14.075	14.113
SILVER	04-09-18	15:32-17:30			14.084	04-09-18 16:29	617.0961217	Other	NA	Electronic	14.084	14.12
SILVER	05-09-18	09:32-11:30			14.182	05-09-18 10:49	623.6039047	Other	NA	Electronic	14.145	14.182
SILVER	05-09-18	11:32-13:30			14.139	05-09-18 11:36	623.6039047	Other	NA	Electronic	14.139	14.175
SILVER	05-09-18	13:32-15:30			14.254	05-09-18 13:46	619.118811	Other	NA	Electronic	14.217	14.254
SILVER	05-09-18	15:32-17:30			14.216	05-09-18 15:55	625.0989359	Other	NA	Electronic	14.181	14.216
SILVER	06-09-18	09:32-11:30			14.259	06-09-18 09:50	627.9131123	Other	NA	Electronic	14.259	14.297
SILVER	06-09-18	11:32-13:30			14.221	06-09-18 12:14	623.2521326	Other	NA	Electronic	14.221	14.259
SILVER	06-09-18	13:32-15:30			14.239	06-09-18 14:02	627.8691408	Other	NA	Electronic	14.239	14.275
SILVER	06-09-18	15:32-17:30			14.145	06-09-18 15:44	621.9769589	Other	NA	Electronic	14.145	14.182
SILVER	07-09-18	09:32-11:30			14.171	07-09-18 10:54	12462.40436	Other	NA	Electronic	14.171	14.207
SILVER	07-09-18	11:32-13:30			14.204	07-09-18 11:49	12462.40436	Other	NA	Electronic	14.168	14.204
SILVER	07-09-18	15:32-17:30			14.21	07-09-18 15:44	624.8351069	Other	NA	Electronic	14.21	14.247
SILVER	10-09-18	11:32-13:30			14.194	10-09-18 11:32	628.1329698	Other	NA	Electronic	14.194	14.23
SILVER	10-09-18	13:32-15:30			14.166	10-09-18 15:06	623.5599332	Other	NA	Electronic	14.166	14.203



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SILVER	10-09-18	15:32-17:30			14.161	10-09-18 15:59	622.680503	Other	NA	Electronic	14.161	14.197
SILVER	11-09-18	09:32-11:30			14.13	11-09-18 09:39	1242.634773	Other	NA	Electronic	14.093	14.13
SILVER	11-09-18	11:32-13:30			14.11	11-09-18 12:11	6204.379562	Other	NA	Electronic	14.073	14.11
SILVER	11-09-18	13:32-15:30			13.992	11-09-18 13:35	625.0989359	Other	NA	Electronic	13.992	14.024
SILVER	11-09-18	15:32-17:30			14.08	11-09-18 15:39	619.118811	Other	NA	Electronic	14.044	14.08
SILVER	12-09-18	09:32-11:30			14.197	12-09-18 09:52	1248.526955	Other	NA	Electronic	14.16	14.197
SILVER	12-09-18	11:32-13:30			14.131	12-09-18 12:04	621.3613578	Other	NA	Electronic	14.095	14.131
SILVER	12-09-18	13:32-15:30			14.126	12-09-18 13:40	12422.83001	Other	NA	Electronic	14.089	14.126
SILVER	12-09-18	15:32-17:30			14.242	12-09-18 15:43	6262.421951	Other	NA	Electronic	14.204	14.242
SILVER	13-09-18	09:32-11:30			14.236	13-09-18 09:32	1251.165245	Other	NA	Electronic	14.236	14.273
SILVER	13-09-18	11:32-13:30			14.235	13-09-18 11:47	625.9343945	Other	NA	Electronic	14.197	14.235
SILVER	13-09-18	13:32-15:30			14.335	13-09-18 13:40	625.978366	Other	NA	Electronic	14.335	14.371
SILVER	13-09-18	15:32-17:30			14.246	13-09-18 16:34	626.6379386	Other	NA	Electronic	14.21	14.246
SILVER	14-09-18	09:32-11:30			14.238	14-09-18 10:16	1252.132618	Other	NA	Electronic	14.202	14.238
SILVER	14-09-18	11:32-13:30			14.219	14-09-18 13:03	625.2308504	Other	NA	Electronic	14.182	14.219

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SILVER	14-09-18	13:32-15:30			14.147	14-09-18 14:20	622.0649019	Other	NA	Electronic	14.112	14.147
SILVER	14-09-18	15:32-17:30			14.079	14-09-18 16:01	3113.182658	Other	NA	Electronic	14.079	14.113
SILVER	17-09-18	09:32-11:30			14.152	17-09-18 10:12	619.7344121	Other	NA	Electronic	14.152	14.188
SILVER	17-09-18	11:32-13:30			14.204	17-09-18 12:26	624.5712778	Other	NA	Electronic	14.168	14.204
SILVER	17-09-18	13:32-15:30			14.217	17-09-18 14:35	624.5712778	Other	NA	Electronic	14.217	14.254
SILVER	17-09-18	15:32-17:30			14.223	17-09-18 15:47	625.4067364	Other	NA	Electronic	14.188	14.223
SILVER	18-09-18	09:32-11:30			14.244	18-09-18 10:55	6263.301381	Other	NA	Electronic	14.209	14.244
SILVER	18-09-18	13:32-15:30			14.153	18-09-18 13:58	620.5258992	Other	NA	Electronic	14.153	14.19
SILVER	18-09-18	15:32-17:30			14.216	18-09-18 15:51	625.0989359	Other	NA	Electronic	14.179	14.216
SILVER	19-09-18	09:32-11:30			14.196	19-09-18 09:39	624.2195058	Other	NA	Electronic	14.159	14.196
SILVER	19-09-18	11:32-13:30			14.203	19-09-18 12:26	624.3514203	Other	NA	Electronic	14.203	14.239
SILVER	19-09-18	13:32-15:30			14.206	19-09-18 13:40	624.6592208	Other	NA	Electronic	14.206	14.242
SILVER	19-09-18	15:32-17:30			14.271	19-09-18 15:33	1244.745405	Other	NA	Electronic	14.271	14.307
SILVER	20-09-18	09:32-11:30			14.241	20-09-18 09:46	626.1982236	Other	NA	Electronic	14.205	14.241
SILVER	20-09-18	11:32-13:30			14.295	20-09-18 11:53	1257.14537	Other	NA	Electronic	14.257	14.295

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SILVER	20-09-18	13:32-15:30			14.227	20-09-18 13:52	4398.469792	Other	NA	Electronic	14.227	14.263
SILVER	20-09-18	15:32-17:30			14.254	20-09-18 15:40	626.7698531	Other	NA	Electronic	14.217	14.254
SILVER	21-09-18	09:32-11:30			14.394	21-09-18 09:51	632.925864	Other	NA	Electronic	14.357	14.394
SILVER	21-09-18	11:32-13:30			14.4	21-09-18 12:16	631.2989183	Other	NA	Electronic	14.363	14.4
SILVER	21-09-18	13:32-15:30			14.406	21-09-18 14:26	6255.38651	Other	NA	Electronic	14.369	14.406
SILVER	21-09-18	15:32-17:30			14.369	21-09-18 17:05	631.8265764	Other	NA	Electronic	14.333	14.369
SILVER	24-09-18	09:32-11:30			14.306	24-09-18 09:47	1352.475596	Other	NA	Electronic	14.306	14.343
SILVER	24-09-18	11:32-13:30			14.269	24-09-18 12:43	627.4294257	Other	NA	Electronic	14.269	14.306
SILVER	24-09-18	13:32-15:30			14.333	24-09-18 15:03	1253.451763	Other	NA	Electronic	14.333	14.368
SILVER	25-09-18	09:32-11:30			14.304	25-09-18 10:06	3127.25354	Other	NA	Electronic	14.266	14.304
SILVER	25-09-18	11:32-13:30			14.338	25-09-18 13:01	6272.095682	Other	NA	Electronic	14.338	14.372
SILVER	25-09-18	13:32-15:30			14.434	25-09-18 13:37	630.5514027	Other	NA	Electronic	14.434	14.471
SILVER	25-09-18	15:32-17:30			14.483	25-09-18 15:50	6368.393281	Other	NA	Electronic	14.483	14.519
SILVER	26-09-18	09:32-11:30			14.492	26-09-18 10:25	1273.063055	Other	NA	Electronic	14.455	14.492
SILVER	26-09-18	11:32-13:30			14.45	26-09-18 11:32	3145.281857	Other	NA	Electronic	14.45	14.487

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SILVER	26-09-18	13:30-13:32	14.413	633.7613227								
SILVER	27-09-18	11:32-13:30			14.393	27-09-18 11:41	632.8818925	Other	NA	Electronic	14.357	14.393
SILVER	27-09-18	13:32-15:30			14.237	27-09-18 13:39	31301.11688	Other	NA	Electronic	14.201	14.237
SILVER	27-09-18	15:32-17:30			14.258	27-09-18 15:40	1253.891478	Other	NA	Electronic	14.223	14.258
SILVER	28-09-18	09:32-11:30			14.307	28-09-18 09:53	628.9684285	Other	NA	Electronic	14.307	14.343
SILVER	28-09-18	11:32-13:30			14.255	28-09-18 11:44	626.2421951	Other	NA	Electronic	14.255	14.29
SILVER	28-09-18	13:30-13:32	14.485	7643.127254								
SILVER	28-09-18	15:32-17:30			14.707	28-09-18 15:41	646.6889456	Other	NA	Electronic	14.671	14.707
SILVER.	02-07-18	13:32-15:30			15.843	02-07-18 13:45	49271.612	Other	NA	Electronic	15.843	15.875
SILVER.	02-07-18	15:32-17:30			15.874	02-07-18 16:35	3490.018468	Other	NA	Electronic	15.844	15.874
SILVER.	03-07-18	11:32-13:30			15.989	03-07-18 12:57	702.3568727	Other	NA	Electronic	15.989	16.02
SILVER.	03-07-18	15:32-17:30			15.981	03-07-18 16:45	702.7086448	Other	NA	Electronic	15.981	16.012
SILVER.	04-07-18	09:32-11:30			16.073	04-07-18 10:37	74209.17246	Other	NA	Electronic	16.04	16.073
SILVER.	05-07-18	09:32-11:30			15.968	05-07-18 10:45	702.1370152	Other	NA	Electronic	15.936	15.968
SILVER.	05-07-18	11:32-13:30			15.967	05-07-18 11:40	702.1370152	Other	NA	Electronic	15.967	15.997

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SILVER.	05-07-18	13:32-15:30			16.103	05-07-18 15:27	70807.31686	Other	NA	Electronic	16.072	16.103
SILVER.	06-07-18	09:32-11:30			16.016	06-07-18 10:14	3521.238238	Other	NA	Electronic	15.984	16.016
SILVER.	09-07-18	09:32-11:30			16.169	09-07-18 09:45	3549.380002	Other	NA	Electronic	16.169	16.201
SILVER.	09-07-18	11:32-13:30			16.17	09-07-18 12:24	713.0419488	Other	NA	Electronic	16.17	16.199
SILVER.	09-07-18	13:32-15:30			16.099	09-07-18 15:16	70807.31686	Other	NA	Electronic	16.099	16.132
SILVER.	09-07-18	15:32-17:30			16.124	09-07-18 16:12	3544.982851	Other	NA	Electronic	16.093	16.124
SILVER.	10-07-18	09:30-09:32	16.015	3521.01838								
SILVER.	10-07-18	11:32-13:30			16.065	10-07-18 12:33	702.7086448	Other	NA	Electronic	16.032	16.062
SILVER.	11-07-18	13:32-15:30			15.849	11-07-18 14:52	706.1384223	Other	NA	Electronic	15.843	15.882
SILVER.	11-07-18	15:32-17:30			15.853	11-07-18 16:21	4213.349749	Other	NA	Electronic	15.822	15.853
SILVER.	12-07-18	11:32-13:30			15.867	12-07-18 11:46	3488.479465	Other	NA	Electronic	15.836	15.867
SILVER.	13-07-18	11:32-13:30			15.698	13-07-18 12:00	20707.94125	Other	NA	Electronic	15.698	15.731
SILVER.	13-07-18	13:32-15:30			15.858	13-07-18 15:08	4881.101047	Other	NA	Electronic	15.825	15.858
SILVER.	16-07-18	09:32-11:30			15.82	16-07-18 09:58	695.6292323	Other	NA	Electronic	15.82	15.849
SILVER.	16-07-18	11:32-13:30			15.813	16-07-18 12:27	695.6292323	Other	NA	Electronic	15.784	15.813

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SILVER.	16-07-18	13:32-15:30			15.748	16-07-18 15:20	4881.101047	Other	NA	Electronic	15.748	15.778
SILVER.	17-07-18	09:32-11:30			15.792	17-07-18 10:53	694.3980301	Other	NA	Electronic	15.761	15.792
SILVER.	17-07-18	11:32-13:30			15.772	17-07-18 11:46	3467.593	Other	NA	Electronic	15.741	15.773
SILVER.	17-07-18	13:32-15:30			15.645	17-07-18 14:16	5503.473749	Other	NA	Electronic	15.616	15.645
SILVER.	18-07-18	09:30-09:32	15.481	3397.898162								
SILVER.	18-07-18	11:32-13:30			15.468	18-07-18 12:45	678.8321168	Other	NA	Electronic	15.438	15.468
SILVER.	18-07-18	13:32-15:30			15.423	18-07-18 14:44	16998.28511	Other	NA	Electronic	15.423	15.453
SILVER.	18-07-18	15:32-17:30			15.544	18-07-18 16:12	3417.465482	Other	NA	Electronic	15.513	15.544
SILVER.	19-07-18	09:32-11:30			15.276	19-07-18 10:11	671.7087327	Other	NA	Electronic	15.247	15.276
SILVER.	19-07-18	11:32-13:30			15.215	19-07-18 12:30	682.0420368	Other	NA	Electronic	15.188	15.215
SILVER.	19-07-18	13:32-15:30			15.326	19-07-18 14:19	3369.53654	Other	NA	Electronic	15.296	15.326
SILVER.	19-07-18	15:32-17:30			15.362	19-07-18 17:16	1343.593352	Other	NA	Electronic	15.362	15.394
SILVER.	20-07-18	09:32-11:30			15.423	20-07-18 10:06	3385.805998	Other	NA	Electronic	15.424	15.454
SILVER.	20-07-18	15:32-17:30			15.51	20-07-18 17:16	681.9980653	Other	NA	Electronic	15.51	15.54
SILVER.	23-07-18	11:32-13:30			15.45	23-07-18 13:01	6812.945212	Other	NA	Electronic	15.419	15.45

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SILVER.	23-07-18	13:32-15:30			15.422	23-07-18 13:45	6781.285727	Other	NA	Electronic	15.391	15.422
SILVER.	24-07-18	09:32-11:30			15.469	24-07-18 10:11	6781.285727	Other	NA	Electronic	15.469	15.498
SILVER.	24-07-18	11:32-13:30			15.541	24-07-18 11:45	3374.373406	Other	NA	Electronic	15.512	15.542
SILVER.	24-07-18	13:32-15:30			15.557	24-07-18 13:40	23099.72738	Other	NA	Electronic	15.557	15.587
SILVER.	25-07-18	09:32-11:30			15.6	25-07-18 09:43	1371.911002	Other	NA	Electronic	15.568	15.6
SILVER.	25-07-18	11:32-13:30			15.616	25-07-18 13:13	3422.961921	Other	NA	Electronic	15.616	15.647
SILVER.	25-07-18	13:32-15:30			15.589	25-07-18 14:16	34273.59071	Other	NA	Electronic	15.558	15.588
SILVER.	25-07-18	15:32-17:30			15.562	25-07-18 15:41	3421.422918	Other	NA	Electronic	15.532	15.562
SILVER.	26-07-18	13:32-15:30			15.449	26-07-18 14:20	2050.479289	Other	NA	Electronic	15.449	15.483
SILVER.	27-07-18	09:32-11:30			15.319	27-07-18 10:00	673.5995075	Other	NA	Electronic	15.319	15.35
SILVER.	27-07-18	11:32-13:30			15.462	27-07-18 12:41	1359.774866	Other	NA	Electronic	15.431	15.462
SILVER.	27-07-18	13:32-15:30			15.542	27-07-18 14:31	678.7441738	Other	NA	Electronic	15.513	15.542
SILVER.	31-07-18	13:32-15:30			15.572	31-07-18 13:36	684.7242987	Other	NA	Electronic	15.54	15.572
SILVER.	31-07-18	15:32-17:30			15.566	31-07-18 15:39	3422.302348	Other	NA	Electronic	15.536	15.566
SILVER.	01-08-18	11:32-13:30			15.489	01-08-18 12:11	2043.223991	Other	NA	Electronic	15.458	15.488

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SILVER.	01-08-18	15:32-17:30			15.406	01-08-18 15:54	684.7242987	Other	NA	Electronic	15.406	15.437
SILVER.	02-08-18	11:32-13:30			15.394	02-08-18 11:52	2043.223991	Other	NA	Electronic	15.394	15.424
SILVER.	02-08-18	13:32-15:30			15.407	02-08-18 13:37	677.4690001	Other	NA	Electronic	15.377	15.407
SILVER.	03-08-18	09:32-11:30			15.34	03-08-18 09:32	674.5229092	Other	NA	Electronic	15.309	15.34
SILVER.	03-08-18	11:32-13:30			15.473	03-08-18 11:44	680.3711195	Other	NA	Electronic	15.444	15.473
SILVER.	03-08-18	13:32-15:30			15.551	03-08-18 15:04	683.800897	Other	NA	Electronic	15.519	15.551
SILVER.	07-08-18	15:32-17:30			15.409	07-08-18 16:58	677.5569431	Other	NA	Electronic	15.379	15.409
SILVER.	09-08-18	09:32-11:30			15.522	09-08-18 10:21	1356.081259	Other	NA	Electronic	15.493	15.522
SILVER.	13-08-18	15:32-17:30			15.028	13-08-18 16:23	708.9965702	Other	NA	Electronic	15.028	15.058
SILVER.	15-08-18	11:32-13:30			14.81	15-08-18 12:48	9768.270161	Other	NA	Electronic	14.779	14.81
SILVER.	15-08-18	13:30-13:32	14.712	1363.292586								
SILVER.	16-08-18	13:32-15:30			14.738	16-08-18 13:55	646.8208601	Other	NA	Electronic	14.738	14.769
SILVER.	21-08-18	09:32-11:30			14.815	21-08-18 11:03	651.4378683	Other	NA	Electronic	14.784	14.815
SILVER.	21-08-18	13:32-15:30			14.804	21-08-18 14:23	1301.908363	Other	NA	Electronic	14.774	14.804
SILVER.	22-08-18	11:32-13:30			14.837	22-08-18 11:33	1301.908363	Other	NA	Electronic	14.837	14.867



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SILVER.	22-08-18	13:32-15:30			14.754	22-08-18 14:09	648.7556064	Other	NA	Electronic	14.723	14.754
SILVER.	23-08-18	15:32-17:30			14.608	23-08-18 16:02	6423.357664	Other	NA	Electronic	14.578	14.608
SILVER.	24-08-18	15:32-17:30			14.87	24-08-18 15:51	653.8563011	Other	NA	Electronic	14.84	14.87
SILVER.	27-08-18	09:32-11:30			14.813	27-08-18 09:34	651.3499252	Other	NA	Electronic	14.782	14.813
SILVER.	27-08-18	13:32-15:30			14.895	27-08-18 14:27	651.3499252	Other	NA	Electronic	14.895	14.926
SILVER.	29-08-18	11:32-13:30			14.767	29-08-18 13:10	649.327236	Other	NA	Electronic	14.737	14.767
SILVER.	29-08-18	13:32-15:30			14.68	29-08-18 13:44	649.327236	Other	NA	Electronic	14.68	14.709
SILVER.	30-08-18	09:32-11:30			14.615	30-08-18 10:24	642.643567	Other	NA	Electronic	14.615	14.643
SILVER.	30-08-18	13:32-15:30			14.619	30-08-18 14:18	646.4251165	Other	NA	Electronic	14.588	14.619
SILVER.	04-09-18	09:32-11:30			14.287	04-09-18 09:35	3141.104564	Other	NA	Electronic	14.256	14.287
SILVER.	04-09-18	13:32-15:30			14.03	04-09-18 14:18	2164.585349	Other	NA	Electronic	14.03	14.061
SILVER.	04-09-18	15:32-17:30			14.084	04-09-18 16:15	2477.178788	Other	NA	Electronic	14.084	14.112
SILVER.	05-09-18	09:32-11:30			14.117	05-09-18 09:54	2482.983027	Other	NA	Electronic	14.117	14.148
SILVER.	05-09-18	11:32-13:30			14.155	05-09-18 12:54	3141.104564	Other	NA	Electronic	14.155	14.184
SILVER.	05-09-18	13:32-15:30			14.17	05-09-18 14:17	622.5485885	Other	NA	Electronic	14.17	14.199

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SILVER.	05-09-18	15:32-17:30			14.21	05-09-18 15:38	3881.980477	Other	NA	Electronic	14.18	14.21
SILVER.	06-09-18	11:32-13:30			14.279	06-09-18 11:46	627.8691408	Other	NA	Electronic	14.248	14.279
SILVER.	06-09-18	13:32-15:30			14.248	06-09-18 13:53	626.5060241	Other	NA	Electronic	14.248	14.279
SILVER.	06-09-18	15:32-17:30			14.164	06-09-18 17:16	626.5060241	Other	NA	Electronic	14.134	14.164
SILVER.	07-09-18	11:32-13:30			14.192	07-09-18 12:05	624.0436197	Other	NA	Electronic	14.161	14.192
SILVER.	07-09-18	13:32-15:30			14.183	07-09-18 13:34	10593.79122	Other	NA	Electronic	14.182	14.212
SILVER.	07-09-18	15:30-15:32	14.245	1877.011696								
SILVER.	11-09-18	09:32-11:30			14.132	11-09-18 11:25	31070.26647	Other	NA	Electronic	14.103	14.132
SILVER.	11-09-18	13:32-15:30			14.077	11-09-18 14:25	2482.983027	Other	NA	Electronic	14.047	14.077
SILVER.	12-09-18	11:32-13:30			14.123	12-09-18 12:21	31050.47929	Other	NA	Electronic	14.093	14.123
SILVER.	12-09-18	13:32-15:30			14.143	12-09-18 15:13	31050.47929	Other	NA	Electronic	14.143	14.173
SILVER.	13-09-18	13:32-15:30			14.334	13-09-18 13:36	630.2875737	Other	NA	Electronic	14.305	14.334
SILVER.	13-09-18	15:32-17:30			14.207	13-09-18 15:51	622.59256	Other	NA	Electronic	14.207	14.238
SILVER.	17-09-18	09:32-11:30			14.175	17-09-18 10:45	18642.15988	Other	NA	Electronic	14.175	14.205
SILVER.	17-09-18	11:32-13:30			14.161	17-09-18 12:30	1245.361006	Other	NA	Electronic	14.161	14.192

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SILVER.	19-09-18	15:32-17:30			14.236	19-09-18 17:19	623.4280186	Other	NA	Electronic	14.236	14.267
SILVER.	20-09-18	09:32-11:30			14.211	20-09-18 11:28	2499.516313	Other	NA	Electronic	14.211	14.243
SILVER.	21-09-18	09:32-11:30			14.349	21-09-18 10:14	626.8577961	Other	NA	Electronic	14.349	14.378
SILVER.	21-09-18	13:32-15:30			14.34	21-09-18 14:07	630.5514027	Other	NA	Electronic	14.309	14.34
SILVER.	24-09-18	13:32-15:30			14.309	24-09-18 13:42	6291.88286	Other	NA	Electronic	14.309	14.34
SILVER.	24-09-18	15:32-17:30			14.337	24-09-18 15:38	12603.11318	Other	NA	Electronic	14.337	14.368
SILVER.	25-09-18	09:32-11:30			14.295	25-09-18 10:28	3135.168411	Other	NA	Electronic	14.295	14.326
SILVER.	25-09-18	11:32-13:30			14.297	25-09-18 11:58	3138.466274	Other	NA	Electronic	14.297	14.329
SILVER.	25-09-18	13:32-15:30			14.51	25-09-18 13:42	638.0265588	Other	NA	Electronic	14.479	14.51
SILVER.	25-09-18	15:32-17:30			14.509	25-09-18 15:44	1913.947762	Other	NA	Electronic	14.509	14.538
SILVER.	27-09-18	11:32-13:30			14.369	27-09-18 12:07	3159.132882	Other	NA	Electronic	14.338	14.369
SILVER.	27-09-18	13:32-15:30			14.275	27-09-18 14:19	3138.466274	Other	NA	Electronic	14.245	14.275
SILVER.	28-09-18	09:32-11:30			14.345	28-09-18 10:02	630.7712602	Other	NA	Electronic	14.315	14.345
SILVER.	28-09-18	11:32-13:30			14.44	28-09-18 12:54	629.7599156	Other	NA	Electronic	14.44	14.47
SILVER.	28-09-18	13:32-15:30			14.636	28-09-18 14:57	1278.339636	Other	NA	Electronic	14.636	14.667

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SILVER.	28-09-18	15:32-17:30			14.658	28-09-18 17:22	638.8180459	Other	NA	Electronic	14.658	14.69
SILVERmicro	02-07-18	09:32-11:30			15.985	02-07-18 09:51	70.28845308	Other	NA	Electronic	15.947	15.985
SILVERmicro	02-07-18	11:32-13:30			15.994	02-07-18 12:12	1406.560549	Other	NA	Electronic	15.961	15.994
SILVERmicro	02-07-18	13:30-13:32	15.872	21060.81875								
SILVERmicro	02-07-18	15:32-17:30			15.845	02-07-18 15:36	1413.420104	Other	NA	Electronic	15.845	15.878
SILVERmicro	03-07-18	09:32-11:30			15.974	03-07-18 09:32	70.081787	Other	NA	Electronic	15.937	15.974
SILVERmicro	03-07-18	11:32-13:30			15.915	03-07-18 11:41	70.20490722	Other	NA	Electronic	15.915	15.949
SILVERmicro	03-07-18	13:32-15:30			16.043	03-07-18 13:35	21.03377012	Other	NA	Electronic	16.003	16.043
SILVERmicro	03-07-18	15:32-17:30			16.04	03-07-18 15:37	70.3939847	Other	NA	Electronic	16.003	16.04
SILVERmicro	04-07-18	09:32-11:30			16.084	04-07-18 09:32	70.723771	Other	NA	Electronic	16.047	16.084
SILVERmicro	04-07-18	11:30-11:32	16.0045	1409.110896								
SILVERmicro	04-07-18	13:32-15:30			16.053	04-07-18 13:36	705.8745933	Other	NA	Electronic	16.016	16.053
SILVERmicro	04-07-18	15:32-17:30			16.058	04-07-18 15:42	70.52150207	Other	NA	Electronic	16.058	16.097
SILVERmicro	05-07-18	09:30-09:32	15.98933	6327.675666								
SILVERmicro	05-07-18	11:32-13:30			15.996	05-07-18 11:36	14.06736435	Other	NA	Electronic	15.958	15.996

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SILVERmicro	05-07-18	13:32-15:30			16.035	05-07-18 13:45	1762.707765	Other	NA	Electronic	15.999	16.035
SILVERmicro	05-07-18	15:32-17:30			16.059	05-07-18 15:33	696.2448333	Other	NA	Electronic	16.059	16.097
SILVERmicro	06-07-18	09:32-11:30			15.99	06-07-18 09:35	14.26347727	Other	NA	Electronic	15.99	16.029
SILVERmicro	06-07-18	11:32-13:30			16.025	06-07-18 11:33	3523.216955	Other	NA	Electronic	15.985	16.025
SILVERmicro	06-07-18	13:32-15:30			15.962	06-07-18 13:34	1403.746372	Other	NA	Electronic	15.962	15.998
SILVERmicro	06-07-18	15:32-17:30			16.008	06-07-18 15:55	3526.518336	Other	NA	Electronic	15.971	16.008
SILVERmicro	09-07-18	09:32-11:30			16.203	09-07-18 09:32	1781.175798	Other	NA	Electronic	16.165	16.203
SILVERmicro	09-07-18	11:32-13:30			16.192	09-07-18 11:35	711.9426612	Other	NA	Electronic	16.193	16.224
SILVERmicro	09-07-18	13:30-13:32	16.151	127.8330842								
SILVERmicro	09-07-18	15:32-17:30			16.127	09-07-18 15:40	7091.284847	Other	NA	Electronic	16.087	16.127
SILVERmicro	10-07-18	09:32-11:30			15.999	10-07-18 09:54	3524.535661	Other	NA	Electronic	15.96	15.999
SILVERmicro	10-07-18	11:30-11:32	15.948	7026.601003								
SILVERmicro	10-07-18	13:30-13:32	16.12	212.6462053								
SILVERmicro	10-07-18	15:30-15:32	16.09	14.15003078								
SILVERmicro	11-07-18	09:32-11:30			15.972	11-07-18 09:46	351.1564506	Other	NA	Electronic	15.935	15.972

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SILVERmicro	11-07-18	11:32-13:30			15.962	11-07-18 11:35	7025.750594	Other	NA	Electronic	15.924	15.962
SILVERmicro	11-07-18	13:32-15:30			15.945	11-07-18 13:38	350.5628353	Other	NA	Electronic	15.908	15.945
SILVERmicro	11-07-18	15:30-15:32	15.85867	3584.30481								
SILVERmicro	12-07-18	09:32-11:30			15.873	12-07-18 09:47	1398.745053	Other	NA	Electronic	15.873	15.91
SILVERmicro	12-07-18	11:32-13:30			15.858	12-07-18 11:32	3493.473749	Other	NA	Electronic	15.821	15.858
SILVERmicro	12-07-18	13:32-15:30			15.889	12-07-18 13:32	34790.25591	Other	NA	Electronic	15.889	15.926
SILVERmicro	12-07-18	15:32-17:30			15.989	12-07-18 15:36	7.091284847	Other	NA	Electronic	15.954	15.989
SILVERmicro	13-07-18	09:30-09:32	15.834	69.62448333								
SILVERmicro	13-07-18	11:30-11:32	15.76717	2368.906429								
SILVERmicro	13-07-18	13:30-13:32	15.83	174.0172368								
SILVERmicro	13-07-18	15:32-17:30			15.874	13-07-18 15:32	3846.000352	Other	NA	Electronic	15.836	15.874
SILVERmicro	16-07-18	09:32-11:30			15.858	16-07-18 09:41	697.3001495	Other	NA	Electronic	15.823	15.858
SILVERmicro	16-07-18	11:32-13:30			15.82	16-07-18 11:39	347.8146161	Other	NA	Electronic	15.78	15.82
SILVERmicro	16-07-18	13:32-15:30			15.804	16-07-18 13:47	694.9256882	Other	NA	Electronic	15.768	15.804
SILVERmicro	16-07-18	15:30-15:32	15.743	692.2434263								

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SILVERmicro	17-07-18	09:32-11:30			15.815	17-07-18 09:52	69.54093747	Other	NA	Electronic	15.815	15.851
SILVERmicro	17-07-18	11:30-11:32	15.777	2254.649987								
SILVERmicro	17-07-18	13:30-13:32	15.5765	4839.479377								
SILVERmicro	17-07-18	15:30-15:32	15.602	68.60434438								
SILVERmicro	18-07-18	09:32-11:30			15.471	18-07-18 09:49	1360.566353	Other	NA	Electronic	15.435	15.471
SILVERmicro	18-07-18	11:30-11:32	15.414	1371.911002								
SILVERmicro	18-07-18	13:32-15:30			15.475	18-07-18 13:32	13.68481224	Other	NA	Electronic	15.438	15.475
SILVERmicro	18-07-18	15:32-17:30			15.499	18-07-18 15:39	68.15143787	Other	NA	Electronic	15.462	15.499
SILVERmicro	19-07-18	09:30-09:32	15.245	1143.31853								
SILVERmicro	19-07-18	11:32-13:30			15.294	19-07-18 11:32	134.500044	Other	NA	Electronic	15.258	15.294
SILVERmicro	19-07-18	13:30-13:32	15.3	672.7640489								
SILVERmicro	19-07-18	15:32-17:30			15.27	19-07-18 15:34	678.1593527	Other	NA	Electronic	15.27	15.304
SILVERmicro	20-07-18	09:32-11:30			15.462	20-07-18 10:00	741.0773019	Other	NA	Electronic	15.426	15.462
SILVERmicro	20-07-18	11:32-13:30			15.368	20-07-18 11:34	270.3016445	Other	NA	Electronic	15.331	15.368
SILVERmicro	20-07-18	13:32-15:30			15.411	20-07-18 13:32	2007.475156	Other	NA	Electronic	15.411	15.45

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SILVERmicro	20-07-18	15:32-17:30			15.471	20-07-18 15:57	1359.511037	Other	NA	Electronic	15.471	15.507
SILVERmicro	23-07-18	09:32-11:30			15.434	23-07-18 09:35	134.7726673	Other	NA	Electronic	15.434	15.47
SILVERmicro	23-07-18	11:30-11:32	15.51957	628.2332249								
SILVERmicro	23-07-18	13:32-15:30			15.423	23-07-18 13:33	33.90862721	Other	NA	Electronic	15.424	15.46
SILVERmicro	23-07-18	15:32-17:30			15.416	23-07-18 15:38	5422.917949	Other	NA	Electronic	15.377	15.416
SILVERmicro	24-07-18	09:32-11:30			15.437	24-07-18 09:47	2006.683669	Other	NA	Electronic	15.437	15.473
SILVERmicro	24-07-18	11:30-11:32	15.485	13.56169202								
SILVERmicro	24-07-18	13:32-15:30			15.5	24-07-18 13:35	13.61269897	Other	NA	Electronic	15.5	15.538
SILVERmicro	24-07-18	15:32-17:30			15.544	24-07-18 15:50	683.4930965	Other	NA	Electronic	15.508	15.544
SILVERmicro	25-07-18	09:30-09:32	15.589	341.7641368								
SILVERmicro	25-07-18	11:32-13:30			15.582	25-07-18 11:43	68.51640137	Other	NA	Electronic	15.582	15.618
SILVERmicro	25-07-18	13:32-15:30			15.633	25-07-18 13:34	137.4813121	Other	NA	Electronic	15.597	15.633
SILVERmicro	25-07-18	15:32-17:30			15.541	25-07-18 15:58	683.361182	Other	NA	Electronic	15.541	15.578
SILVERmicro	26-07-18	09:32-11:30			15.525	26-07-18 09:50	6.826576379	Other	NA	Electronic	15.525	15.562
SILVERmicro	26-07-18	11:32-13:30			15.548	26-07-18 11:42	68.36689825	Other	NA	Electronic	15.511	15.548



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SILVERmicro	26-07-18	13:30-13:32	15.465	10268.22619								
SILVERmicro	26-07-18	15:30-15:32	15.489	136.3248615								
SILVERmicro	27-07-18	09:30-09:32	15.372	13.51859995								
SILVERmicro	27-07-18	11:32-13:30			15.399	27-07-18 11:41	203.1351684	Other	NA	Electronic	15.362	15.399
SILVERmicro	27-07-18	13:32-15:30			15.498	27-07-18 13:37	68.14704072	Other	NA	Electronic	15.462	15.498
SILVERmicro	27-07-18	15:32-17:30			15.489	27-07-18 15:37	69.60689473	Other	NA	Electronic	15.489	15.525
SILVERmicro	30-07-18	09:32-11:30			15.523	30-07-18 09:38	1700.488084	Other	NA	Electronic	15.488	15.523
SILVERmicro	30-07-18	11:32-13:30			15.541	30-07-18 11:33	231.2215284	Other	NA	Electronic	15.504	15.541
SILVERmicro	30-07-18	13:32-15:30			15.511	30-07-18 13:41	682.0420368	Other	NA	Electronic	15.475	15.511
SILVERmicro	30-07-18	15:32-17:30			15.53	30-07-18 15:39	682.8774954	Other	NA	Electronic	15.494	15.53
SILVERmicro	31-07-18	09:32-11:30			15.444	31-07-18 09:38	685.8869053	Other	NA	Electronic	15.406	15.442
SILVERmicro	31-07-18	11:32-13:30			15.511	31-07-18 11:38	34.10210184	Other	NA	Electronic	15.473	15.511
SILVERmicro	31-07-18	13:30-13:32	15.532	6.829654384								
SILVERmicro	31-07-18	15:32-17:30			15.54	31-07-18 15:40	34157.06622	Other	NA	Electronic	15.54	15.577
SILVERmicro	01-08-18	09:32-11:30			15.432	01-08-18 09:42	7.45097177	Other	NA	Electronic	15.432	15.468

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SILVERmicro	01-08-18	11:32-13:30			15.484	01-08-18 11:39	136.1709612	Other	NA	Electronic	15.447	15.484
SILVERmicro	01-08-18	13:32-15:30			15.422	01-08-18 13:32	68.36689825	Other	NA	Electronic	15.422	15.46
SILVERmicro	01-08-18	15:30-15:32	15.446	679.2278603								
SILVERmicro	02-08-18	09:32-11:30			15.425	02-08-18 09:32	678.2604872	Other	NA	Electronic	15.387	15.425
SILVERmicro	02-08-18	11:32-13:30			15.412	02-08-18 11:48	67.90959458	Other	NA	Electronic	15.412	15.448
SILVERmicro	02-08-18	13:32-15:30			15.412	02-08-18 14:00	67.76888576	Other	NA	Electronic	15.376	15.412
SILVERmicro	02-08-18	15:32-17:30			15.372	02-08-18 17:00	2027.789992	Other	NA	Electronic	15.372	15.409
SILVERmicro	03-08-18	09:30-09:32	15.341	337.2834403								
SILVERmicro	03-08-18	11:30-11:32	15.4525	134.5747955								
SILVERmicro	03-08-18	13:32-15:30			15.408	03-08-18 13:38	33.71954973	Other	NA	Electronic	15.408	15.444
SILVERmicro	03-08-18	15:30-15:32	15.529	682.8335239								
SILVERmicro	06-08-18	09:32-11:30			15.342	06-08-18 09:41	33.73054261	Other	NA	Electronic	15.342	15.378
SILVERmicro	06-08-18	11:32-13:30			15.422	06-08-18 11:35	135.3530912	Other	NA	Electronic	15.29	15.327
SILVERmicro	06-08-18	13:32-15:30			15.353	06-08-18 14:46	13.50189077	Other	NA	Electronic	15.316	15.353
SILVERmicro	06-08-18	15:32-17:30			15.358	06-08-18 17:17	6.753143963	Other	NA	Electronic	15.321	15.358

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SILVERmicro	07-08-18	09:32-11:30			15.495	07-08-18 09:33	74.13464075	Other	NA	Electronic	15.459	15.496
SILVERmicro	07-08-18	11:32-13:30			15.433	07-08-18 11:43	339.3061296	Other	NA	Electronic	15.433	15.469
SILVERmicro	07-08-18	13:32-15:30			15.374	07-08-18 13:43	13.51508223	Other	NA	Electronic	15.374	15.41
SILVERmicro	07-08-18	15:32-17:30			15.395	07-08-18 15:39	676.941342	Other	NA	Electronic	15.395	15.431
SILVERmicro	08-08-18	09:32-11:30			15.389	08-08-18 09:35	33.8646557	Other	NA	Electronic	15.353	15.389
SILVERmicro	08-08-18	11:32-13:30			15.358	08-08-18 11:55	20.26338932	Other	NA	Electronic	15.322	15.358
SILVERmicro	08-08-18	13:30-13:32	15.419	271.1986633								
SILVERmicro	08-08-18	15:32-17:30			15.381	08-08-18 17:07	6.761938264	Other	NA	Electronic	15.381	15.418
SILVERmicro	09-08-18	09:30-09:32	15.461	2720.780934								
SILVERmicro	09-08-18	11:32-13:30			15.476	09-08-18 11:33	20.41509102	Other	NA	Electronic	15.476	15.513
SILVERmicro	09-08-18	13:32-15:30			15.463	09-08-18 13:36	67.87002023	Other	NA	Electronic	15.43	15.463
SILVERmicro	09-08-18	15:32-17:30			15.422	09-08-18 15:51	101.7192859	Other	NA	Electronic	15.422	15.459
SILVERmicro	10-08-18	09:32-11:30			15.357	10-08-18 10:32	67.50505672	Other	NA	Electronic	15.357	15.395
SILVERmicro	10-08-18	11:32-13:30			15.346	10-08-18 11:32	6.747867382	Other	NA	Electronic	15.346	15.384
SILVERmicro	10-08-18	13:30-13:32	15.333	352.0679799								

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SILVERmicro	10-08-18	15:32-17:30			15.345	10-08-18 15:32	19698.02216	Other	NA	Electronic	15.345	15.383
SILVERmicro	13-08-18	09:32-11:30			15.207	13-08-18 09:44	33.43373494	Other	NA	Electronic	15.207	15.244
SILVERmicro	13-08-18	11:32-13:30			15.172	13-08-18 11:33	6.671356961	Other	NA	Electronic	15.136	15.172
SILVERmicro	13-08-18	13:32-15:30			15.266	13-08-18 13:36	67.12690177	Other	NA	Electronic	15.229	15.266
SILVERmicro	13-08-18	15:32-17:30			15.09	13-08-18 15:36	6.641016621	Other	NA	Electronic	15.055	15.09
SILVERmicro	14-08-18	09:32-11:30			15.011	14-08-18 10:16	132.0112567	Other	NA	Electronic	15.011	15.047
SILVERmicro	14-08-18	11:32-13:30			15.032	14-08-18 11:53	66.04959986	Other	NA	Electronic	15.032	15.069
SILVERmicro	14-08-18	13:30-13:32	15.072	331.3692727								
SILVERmicro	14-08-18	15:32-17:30			15.091	14-08-18 15:46	66.3574004	Other	NA	Electronic	15.054	15.091
SILVERmicro	15-08-18	09:32-11:30			14.868	15-08-18 09:37	98.12461525	Other	NA	Electronic	14.832	14.868
SILVERmicro	15-08-18	11:32-13:30			14.8	15-08-18 11:32	6.59572597	Other	NA	Electronic	14.764	14.8
SILVERmicro	15-08-18	13:30-13:32	14.75057	1125.52546								
SILVERmicro	15-08-18	15:32-17:30			14.42	15-08-18 15:33	63.69272711	Other	NA	Electronic	14.42	14.454
SILVERmicro	16-08-18	09:32-11:30			14.624	16-08-18 09:51	199.3421863	Other	NA	Electronic	14.587	14.624
SILVERmicro	16-08-18	11:30-11:32	14.67	32.25309999								

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SILVERmicro	16-08-18	13:32-15:30			14.7	16-08-18 13:35	12.69369449	Other	NA	Electronic	14.663	14.7
SILVERmicro	16-08-18	15:32-17:30			14.759	16-08-18 15:38	519.1803711	Other	NA	Electronic	14.759	14.795
SILVERmicro	17-08-18	09:32-11:30			14.672	17-08-18 09:36	519.1803711	Other	NA	Electronic	14.637	14.672
SILVERmicro	17-08-18	11:32-13:30			14.626	17-08-18 12:08	6.431272535	Other	NA	Electronic	14.59	14.625
SILVERmicro	17-08-18	13:32-15:30			14.706	17-08-18 13:33	32.3322487	Other	NA	Electronic	14.67	14.706
SILVERmicro	17-08-18	15:32-17:30			14.665	17-08-18 15:41	154.3083282	Other	NA	Electronic	14.665	14.701
SILVERmicro	20-08-18	09:32-11:30			14.804	20-08-18 09:54	156.2290036	Other	NA	Electronic	14.766	14.804
SILVERmicro	20-08-18	11:32-13:30			14.692	20-08-18 11:37	64.6029373	Other	NA	Electronic	14.692	14.731
SILVERmicro	20-08-18	13:32-15:30			14.712	20-08-18 13:57	6.469088031	Other	NA	Electronic	14.677	14.712
SILVERmicro	20-08-18	15:32-17:30			14.71	20-08-18 15:39	194.046258	Other	NA	Electronic	14.674	14.71
SILVERmicro	21-08-18	09:32-11:30			14.816	21-08-18 09:32	6.519215548	Other	NA	Electronic	14.78	14.816
SILVERmicro	21-08-18	11:32-13:30			14.772	21-08-18 11:35	1296.104125	Other	NA	Electronic	14.772	14.809
SILVERmicro	21-08-18	13:32-15:30			14.757	21-08-18 13:33	654.9766951	Other	NA	Electronic	14.757	14.792
SILVERmicro	21-08-18	15:32-17:30			14.749	21-08-18 16:34	658.6628265	Other	NA	Electronic	14.749	14.785
SILVERmicro	22-08-18	09:32-11:30			14.814	22-08-18 09:40	651.3938968	Other	NA	Electronic	14.776	14.814

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SILVERmicro	22-08-18	11:30-11:32	14.837	130.1688506								
SILVERmicro	22-08-18	13:32-15:30			14.751	22-08-18 13:35	650.9102102	Other	NA	Electronic	14.751	14.788
SILVERmicro	22-08-18	15:32-17:30			14.762	22-08-18 15:53	649.1073784	Other	NA	Electronic	14.726	14.762
SILVERmicro	23-08-18	09:30-09:32	14.56	1415.434438								
SILVERmicro	23-08-18	11:32-13:30			14.619	23-08-18 11:45	64.2819453	Other	NA	Electronic	14.581	14.619
SILVERmicro	23-08-18	13:32-15:30			14.614	23-08-18 13:48	12.86782165	Other	NA	Electronic	14.58	14.615
SILVERmicro	23-08-18	15:32-17:30			14.568	23-08-18 15:38	161.0236567	Other	NA	Electronic	14.568	14.601
SILVERmicro	24-08-18	09:32-11:30			14.654	24-08-18 09:50	64.43584557	Other	NA	Electronic	14.619	14.654
SILVERmicro	24-08-18	11:30-11:32	14.627	1607.928063								
SILVERmicro	24-08-18	13:30-13:32	14.702	5809.383519								
SILVERmicro	24-08-18	15:30-15:32	14.821	91.23823762								
SILVERmicro	27-08-18	09:32-11:30			14.825	27-08-18 09:44	573.845748	Other	NA	Electronic	14.787	14.825
SILVERmicro	27-08-18	11:32-13:30			14.798	27-08-18 11:34	65.19655263	Other	NA	Electronic	14.761	14.798
SILVERmicro	27-08-18	13:30-13:32	14.80323	746.2668191								
SILVERmicro	27-08-18	15:30-15:32	14.889	67.3643479								

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SILVERmicro	28-08-18	09:32-11:30			14.958	28-08-18 09:42	655.3073608	Other	NA	Electronic	14.958	14.995
SILVERmicro	28-08-18	11:32-13:30			14.909	28-08-18 11:34	92.21704336	Other	NA	Electronic	14.909	14.944
SILVERmicro	28-08-18	13:32-15:30			14.921	28-08-18 13:32	1642.775481	Other	NA	Electronic	14.886	14.921
SILVERmicro	28-08-18	15:32-17:30			14.871	28-08-18 16:37	653.9002726	Other	NA	Electronic	14.835	14.871
SILVERmicro	29-08-18	09:32-11:30			14.728	29-08-18 09:47	6.476123472	Other	NA	Electronic	14.69	14.728
SILVERmicro	29-08-18	11:32-13:30			14.727	29-08-18 11:47	395.0167092	Other	NA	Electronic	14.689	14.727
SILVERmicro	29-08-18	13:30-13:32	14.735	19.43760443								
SILVERmicro	29-08-18	15:32-17:30			14.729	29-08-18 16:17	64.72166036	Other	NA	Electronic	14.729	14.766
SILVERmicro	30-08-18	09:32-11:30			14.655	30-08-18 09:41	1617.05215	Other	NA	Electronic	14.617	14.655
SILVERmicro	30-08-18	11:32-13:30			14.698	30-08-18 12:05	322.2231994	Other	NA	Electronic	14.662	14.698
SILVERmicro	30-08-18	13:32-15:30			14.643	30-08-18 13:32	798.4047137	Other	NA	Electronic	14.607	14.644
SILVERmicro	30-08-18	15:30-15:32	14.535	263.0023745								
SILVERmicro	31-08-18	09:32-11:30			14.671	31-08-18 11:11	64.51059713	Other	NA	Electronic	14.636	14.671
SILVERmicro	31-08-18	11:30-11:32	14.58938	220.7382816								
SILVERmicro	31-08-18	13:32-15:30			14.579	31-08-18 13:34	192.3181778	Other	NA	Electronic	14.543	14.579

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SILVERmicro	31-08-18	15:32-17:30			14.547	31-08-18 16:01	63.96535045	Other	NA	Electronic	14.511	14.547
SILVERmicro	03-09-18	09:32-11:30			14.536	03-09-18 09:34	63.9169818	Other	NA	Electronic	14.499	14.536
SILVERmicro	03-09-18	11:32-13:30			14.534	03-09-18 11:41	32.39600739	Other	NA	Electronic	14.497	14.534
SILVERmicro	03-09-18	13:32-15:30			14.542	03-09-18 15:12	63.9433647	Other	NA	Electronic	14.505	14.542
SILVERmicro	03-09-18	15:32-17:30			14.51	03-09-18 15:32	638.0265588	Other	NA	Electronic	14.51	14.547
SILVERmicro	04-09-18	09:32-11:30			14.25	04-09-18 09:36	31329.69836	Other	NA	Electronic	14.25	14.287
SILVERmicro	04-09-18	11:32-13:30			14.22	04-09-18 11:32	625.2748219	Other	NA	Electronic	14.183	14.22
SILVERmicro	04-09-18	13:30-13:32	14.087	92.91399173								
SILVERmicro	04-09-18	15:32-17:30			14.118	04-09-18 15:36	62.07897283	Other	NA	Electronic	14.08	14.118
SILVERmicro	05-09-18	09:32-11:30			14.168	05-09-18 09:36	12.45976607	Other	NA	Electronic	14.133	14.168
SILVERmicro	05-09-18	11:32-13:30			14.139	05-09-18 11:37	621.0535573	Other	NA	Electronic	14.139	14.176
SILVERmicro	05-09-18	13:30-13:32	14.193	31.03948641								
SILVERmicro	05-09-18	15:32-17:30			14.171	05-09-18 15:42	87.23683053	Other	NA	Electronic	14.171	14.207
SILVERmicro	06-09-18	09:32-11:30			14.297	06-09-18 09:53	62.86606279	Other	NA	Electronic	14.259	14.297
SILVERmicro	06-09-18	11:32-13:30			14.287	06-09-18 11:56	63.79825873	Other	NA	Electronic	14.25	14.287



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SILVERmicro	06-09-18	13:32-15:30			14.25	06-09-18 14:12	626.5939671	Other	NA	Electronic	14.214	14.25
SILVERmicro	06-09-18	15:30-15:32	14.192	93.60654296								
SILVERmicro	07-09-18	09:32-11:30			14.159	07-09-18 09:43	155.64814	Other	NA	Electronic	14.122	14.159
SILVERmicro	07-09-18	11:32-13:30			14.169	07-09-18 11:36	311.0984082	Other	NA	Electronic	14.169	14.207
SILVERmicro	07-09-18	13:32-15:30			14.184	07-09-18 13:35	2130.551403	Other	NA	Electronic	14.184	14.22
SILVERmicro	07-09-18	15:32-17:30			14.215	07-09-18 15:35	156.0109049	Other	NA	Electronic	14.215	14.252
SILVERmicro	10-09-18	09:30-09:32	14.264	93.28335239								
SILVERmicro	10-09-18	11:32-13:30			14.21	10-09-18 11:42	31.24175534	Other	NA	Electronic	14.174	14.21
SILVERmicro	10-09-18	13:30-13:32	14.237	623.3400756								
SILVERmicro	10-09-18	15:30-15:32	14.161	62.47911353								
SILVERmicro	11-09-18	09:30-09:32	14.134	62.14932724								
SILVERmicro	11-09-18	11:32-13:30			14.139	11-09-18 11:33	62.17131299	Other	NA	Electronic	14.101	14.139
SILVERmicro	11-09-18	13:32-15:30			14.045	11-09-18 13:33	271.7351156	Other	NA	Electronic	14.009	14.045
SILVERmicro	11-09-18	15:30-15:32	14.055	30.82622461								
SILVERmicro	12-09-18	09:32-11:30			14.173	12-09-18 09:34	62.44393633	Other	NA	Electronic	14.173	14.21

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SILVERmicro	12-09-18	11:30-11:32	14.112	18.7041597								
SILVERmicro	12-09-18	13:30-13:32	14.12	1862.633014								
SILVERmicro	12-09-18	15:30-15:32	14.2375	156.1252309								
SILVERmicro	13-09-18	09:32-11:30			14.273	13-09-18 09:40	62.76053118	Other	NA	Electronic	14.236	14.273
SILVERmicro	13-09-18	11:30-11:32	14.222	275.1596166								
SILVERmicro	13-09-18	13:32-15:30			14.357	13-09-18 13:39	63.12989183	Other	NA	Electronic	14.321	14.357
SILVERmicro	13-09-18	15:32-17:30			14.204	13-09-18 15:39	188.0837217	Other	NA	Electronic	14.204	14.24
SILVERmicro	14-09-18	09:32-11:30			14.233	14-09-18 09:40	12.51692903	Other	NA	Electronic	14.197	14.233
SILVERmicro	14-09-18	11:32-13:30			14.219	14-09-18 11:41	62.52308504	Other	NA	Electronic	14.182	14.219
SILVERmicro	14-09-18	13:30-13:32	14.1905	1249.670214								
SILVERmicro	14-09-18	15:32-17:30			14.106	14-09-18 16:00	630.5514027	Other	NA	Electronic	14.106	14.142
SILVERmicro	17-09-18	09:32-11:30			14.147	17-09-18 09:39	1239.380881	Other	NA	Electronic	14.147	14.182
SILVERmicro	17-09-18	11:32-13:30			14.171	17-09-18 11:38	62.29443321	Other	NA	Electronic	14.171	14.208
SILVERmicro	17-09-18	13:32-15:30			14.216	17-09-18 13:38	175.027702	Other	NA	Electronic	14.18	14.216
SILVERmicro	17-09-18	15:32-17:30			14.232	17-09-18 15:42	31.21317386	Other	NA	Electronic	14.197	14.232

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SILVERmicro	18-09-18	09:30-09:32	14.174	273.7859467								
SILVERmicro	18-09-18	11:32-13:30			14.22	18-09-18 12:01	1250.549644	Other	NA	Electronic	14.184	14.22
SILVERmicro	18-09-18	13:30-13:32	14.209	187.4373406								
SILVERmicro	18-09-18	15:32-17:30			14.191	18-09-18 15:34	6.239996482	Other	NA	Electronic	14.154	14.191
SILVERmicro	19-09-18	09:32-11:30			14.189	19-09-18 10:02	249.5646821	Other	NA	Electronic	14.153	14.189
SILVERmicro	19-09-18	11:32-13:30			14.206	19-09-18 12:07	68.71251429	Other	NA	Electronic	14.169	14.206
SILVERmicro	19-09-18	13:32-15:30			14.196	19-09-18 13:36	6.228563891	Other	NA	Electronic	14.196	14.233
SILVERmicro	19-09-18	15:30-15:32	14.302	1886.641456								
SILVERmicro	20-09-18	09:32-11:30			14.216	20-09-18 09:51	62.48790784	Other	NA	Electronic	14.216	14.251
SILVERmicro	20-09-18	11:32-13:30			14.29	20-09-18 11:49	6.283528274	Other	NA	Electronic	14.252	14.29
SILVERmicro	20-09-18	13:30-13:32	14.256	626.4180811								
SILVERmicro	20-09-18	15:32-17:30			14.249	20-09-18 15:50	275.8561252	Other	NA	Electronic	14.212	14.249
SILVERmicro	21-09-18	09:32-11:30			14.358	21-09-18 09:41	31.05707502	Other	NA	Electronic	14.358	14.396
SILVERmicro	21-09-18	11:32-13:30			14.396	21-09-18 11:37	63.30138071	Other	NA	Electronic	14.36	14.396
SILVERmicro	21-09-18	13:32-15:30			14.221	21-09-18 13:32	625.3187934	Other	NA	Electronic	14.185	14.221

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SILVERmicro	21-09-18	15:30-15:32	14.344	6.273414827								
SILVERmicro	24-09-18	09:32-11:30			14.311	24-09-18 09:38	314.2643567	Other	NA	Electronic	14.311	14.348
SILVERmicro	24-09-18	11:32-13:30			14.359	24-09-18 11:33	6.313868613	Other	NA	Electronic	14.321	14.359
SILVERmicro	24-09-18	13:32-15:30			14.334	24-09-18 13:34	6.302875737	Other	NA	Electronic	14.298	14.334
SILVERmicro	24-09-18	15:32-17:30			14.377	24-09-18 15:33	632.1783484	Other	NA	Electronic	14.34	14.377
SILVERmicro	25-09-18	09:32-11:30			14.299	25-09-18 09:38	314.3742855	Other	NA	Electronic	14.261	14.299
SILVERmicro	25-09-18	11:32-13:30			14.3	25-09-18 11:37	62.81329698	Other	NA	Electronic	14.3	14.337
SILVERmicro	25-09-18	13:32-15:30			14.479	25-09-18 13:32	445.6644095	Other	NA	Electronic	14.444	14.479
SILVERmicro	25-09-18	15:32-17:30			14.511	25-09-18 15:41	1868.569167	Other	NA	Electronic	14.511	14.547
SILVERmicro	26-09-18	09:32-11:30			14.474	26-09-18 10:04	63.64435846	Other	NA	Electronic	14.438	14.474
SILVERmicro	26-09-18	11:30-11:32	14.484	38.21827456								
SILVERmicro	26-09-18	13:32-15:30			14.374	26-09-18 13:35	315.6054876	Other	NA	Electronic	14.374	14.408
SILVERmicro	26-09-18	15:32-17:30			14.395	26-09-18 15:32	95.34121889	Other	NA	Electronic	14.357	14.395
SILVERmicro	27-09-18	09:30-09:32	14.413	126.7522645								
SILVERmicro	27-09-18	11:32-13:30			14.393	27-09-18 11:38	379.7291355	Other	NA	Electronic	14.357	14.393

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SILVERmicro	27-09-18	13:30-13:32	14.221	252.5195673								
SILVERmicro	27-09-18	15:32-17:30			14.258	27-09-18 15:40	6.269457392	Other	NA	Electronic	14.224	14.258
SILVERmicro	28-09-18	09:32-11:30			14.307	28-09-18 10:08	12.58464515	Other	NA	Electronic	14.307	14.343
SILVERmicro	28-09-18	11:32-13:30			14.298	28-09-18 11:44	31.43522997	Other	NA	Electronic	14.26	14.298
SILVERmicro	28-09-18	13:32-15:30			14.491	28-09-18 13:32	25.48764401	Other	NA	Electronic	14.491	14.527
SILVERmicro	28-09-18	15:32-17:30			14.661	28-09-18 15:37	632.398206	Other	NA	Electronic	14.66	14.697
SING-AUG18	27-07-18	09:32-11:30			369.7	27-07-18 10:06	237.0966087	Other	NA	Electronic	368.8	369.7
SING-AUG18	02-08-18	15:30-15:32	364.6	233.8258683								
SING-AUG18	03-08-18	11:32-13:30			363.9	03-08-18 11:43	233.8258683	Other	NA	Electronic	363	363.9
SING-AUG18	22-08-18	09:32-11:30			361.8	22-08-18 10:08	232.0301678	Other	NA	Electronic	360.9	361.8
SING-AUG18	22-08-18	13:32-15:30			361.6	22-08-18 14:07	232.0301678	Other	NA	Electronic	361.6	362.5
SINGCash	02-07-18	11:32-13:30			363.87	02-07-18 12:26	233.3577036	Other	NA	Electronic	363.87	364.52
SINGCash	02-07-18	13:32-15:30			365.52	02-07-18 14:33	1172.239752	Other	NA	Electronic	364.87	365.52
SINGCash	02-07-18	15:32-17:30			364.07	02-07-18 15:58	233.4859679	Other	NA	Electronic	364.07	364.72
SINGCash	03-07-18	15:32-17:30			363.37	03-07-18 15:52	233.9028269	Other	NA	Electronic	363.37	364.02

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SINGCash	05-07-18	09:32-11:30			367.02	05-07-18 10:25	235.3778667	Other	NA	Electronic	366.37	367.02
SINGCash	06-07-18	13:32-15:30			359.62	06-07-18 15:00	230.8565492	Other	NA	Electronic	358.97	359.62
SINGCash	09-07-18	13:32-15:30			363.02	09-07-18 14:50	232.8125802	Other	NA	Electronic	362.37	363.02
SINGCash	09-07-18	15:32-17:30			362.97	09-07-18 16:35	232.7805141	Other	NA	Electronic	362.97	363.62
SINGCash	11-07-18	09:32-11:30			364.82	11-07-18 10:51	233.9669591	Other	NA	Electronic	364.17	364.82
SINGCash	11-07-18	11:32-13:30			365.22	11-07-18 12:44	234.2234878	Other	NA	Electronic	364.57	365.22
SINGCash	11-07-18	13:32-15:30			364.57	11-07-18 13:47	233.5821661	Other	NA	Electronic	364.57	365.22
SINGCash	11-07-18	15:32-17:30			363.97	11-07-18 15:58	233.4218357	Other	NA	Electronic	363.97	364.62
SINGCash	12-07-18	13:32-15:30			365.17	12-07-18 13:51	234.1914217	Other	NA	Electronic	365.17	365.82
SINGCash	13-07-18	09:32-11:30			364.62	13-07-18 10:39	233.8386948	Other	NA	Electronic	363.97	364.62
SINGCash	13-07-18	11:32-13:30			364.72	13-07-18 11:34	233.9028269	Other	NA	Electronic	364.07	364.72
SINGCash	13-07-18	15:32-17:30			364.67	13-07-18 15:47	233.8386948	Other	NA	Electronic	364.67	365.32
SINGCash	16-07-18	09:32-11:30			363.62	16-07-18 10:36	466.8436714	Other	NA	Electronic	362.97	363.62
SINGCash	16-07-18	11:32-13:30			363.62	16-07-18 11:40	933.6873429	Other	NA	Electronic	362.97	363.62
SINGCash	17-07-18	11:32-13:30			364.42	17-07-18 12:14	233.7104305	Other	NA	Electronic	363.77	364.42

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SINGCash	17-07-18	13:32-15:30			364.12	17-07-18 13:56	233.518034	Other	NA	Electronic	363.47	364.12
SINGCash	17-07-18	15:32-17:30			364.92	17-07-18 15:59	468.0621825	Other	NA	Electronic	364.27	364.92
SINGCash	18-07-18	11:32-13:30			363.32	18-07-18 11:58	233.3577036	Other	NA	Electronic	362.67	363.32
SINGCash	18-07-18	15:32-17:30			364.22	18-07-18 16:41	934.3286645	Other	NA	Electronic	363.57	364.22
SINGCash	19-07-18	09:32-11:30			366.87	19-07-18 09:48	934.3286645	Other	NA	Electronic	366.87	367.52
SINGCash	19-07-18	13:32-15:30			366.37	19-07-18 15:01	468.0621825	Other	NA	Electronic	366.37	367.02
SINGCash	19-07-18	15:32-17:30			366.37	19-07-18 16:46	233.518034	Other	NA	Electronic	366.37	367.02
SINGCash	20-07-18	11:32-13:30			368.37	20-07-18 12:53	234.2234878	Other	NA	Electronic	368.37	369.02
SINGCash	20-07-18	15:32-17:30			370.07	20-07-18 15:32	237.3338977	Other	NA	Electronic	370.07	370.72
SINGCash	24-07-18	09:32-11:30			369.47	24-07-18 09:49	237.6224924	Other	NA	Electronic	369.47	370.12
SINGCash	24-07-18	11:32-13:30			369.77	24-07-18 12:44	236.7246421	Other	NA	Electronic	369.77	370.42
SINGCash	24-07-18	13:32-15:30			371.42	24-07-18 14:50	245.3504181	Other	NA	Electronic	370.77	371.42
SINGCash	24-07-18	15:32-17:30			370.72	24-07-18 16:43	237.7507568	Other	NA	Electronic	370.07	370.72
SINGCash	25-07-18	09:32-11:30			374.52	25-07-18 11:02	259.5236263	Other	NA	Electronic	373.87	374.52
SINGCash	25-07-18	11:32-13:30			373.87	25-07-18 12:23	239.7709199	Other	NA	Electronic	373.87	374.52

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SINGCash	26-07-18	09:32-11:30			374.47	26-07-18 11:28	1899.440768	Other	NA	Electronic	374.47	375.12
SINGCash	26-07-18	13:32-15:30			375.07	26-07-18 15:12	480.6320866	Other	NA	Electronic	375.07	375.72
SINGCash	31-07-18	13:32-15:30			373.62	31-07-18 13:34	233.2935714	Other	NA	Electronic	372.97	373.62
SINGCash	31-07-18	15:32-17:30			374.92	31-07-18 17:01	240.4443076	Other	NA	Electronic	374.27	374.92
SINGCash	01-08-18	09:32-11:30			373.17	01-08-18 10:36	251.2185111	Other	NA	Electronic	373.17	373.82
SINGCash	01-08-18	11:32-13:30			373.62	01-08-18 12:06	239.6105895	Other	NA	Electronic	372.97	373.62
SINGCash	02-08-18	15:32-17:30			368.37	02-08-18 15:53	239.6105895	Other	NA	Electronic	368.37	369.02
SINGCash	03-08-18	09:32-11:30			365.97	03-08-18 11:26	234.6724129	Other	NA	Electronic	365.97	366.62
SINGCash	06-08-18	09:32-11:30			368.37	06-08-18 09:50	236.2436509	Other	NA	Electronic	368.37	369.02
SINGCash	06-08-18	15:32-17:30			369.62	06-08-18 16:12	234.319686	Other	NA	Electronic	368.97	369.62
SINGCash	10-08-18	11:32-13:30			368.57	10-08-18 11:51	236.3719152	Other	NA	Electronic	368.57	369.22
SINGCash	10-08-18	15:32-17:30			368.12	10-08-18 15:34	236.3719152	Other	NA	Electronic	367.47	368.12
SINGCash	14-08-18	11:32-13:30			363.77	14-08-18 12:06	233.9669591	Other	NA	Electronic	363.77	364.42
SINGCash	15-08-18	09:32-11:30			361.37	15-08-18 11:16	231.7543995	Other	NA	Electronic	361.37	362.02
SINGCash	15-08-18	13:32-15:30			359.77	15-08-18 14:05	247.3705813	Other	NA	Electronic	359.77	360.42



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SINGCash	16-08-18	11:32-13:30			362.12	16-08-18 12:35	231.7543995	Other	NA	Electronic	361.47	362.12
SINGCash	16-08-18	15:32-17:30			363.32	16-08-18 17:29	233.0049767	Other	NA	Electronic	362.67	363.32
SINGCash	17-08-18	09:32-11:30			359.57	17-08-18 11:00	230.6000205	Other	NA	Electronic	359.57	360.22
SINGCash	20-08-18	13:32-15:30			361.82	20-08-18 14:04	232.0429942	Other	NA	Electronic	361.17	361.82
SINGCash	21-08-18	15:32-17:30			362.87	21-08-18 16:54	231.978862	Other	NA	Electronic	362.87	363.52
SINGCash	24-08-18	13:32-15:30			363.82	24-08-18 13:43	1166.628187	Other	NA	Electronic	363.17	363.82
SINGCash	30-08-18	09:32-11:30			366.72	30-08-18 10:44	235.1854702	Other	NA	Electronic	366.07	366.72
SINGCash	03-09-18	11:32-13:30			362.77	03-09-18 13:05	232.363655	Other	NA	Electronic	362.77	363.42
SINGCash	06-09-18	11:32-13:30			356.82	06-09-18 12:21	228.836386	Other	NA	Electronic	356.17	356.82
SINGCash	06-09-18	13:32-15:30			355.42	06-09-18 15:16	227.9385357	Other	NA	Electronic	354.77	355.42
SINGCash	06-09-18	15:32-17:30			354.97	06-09-18 17:20	227.9385357	Other	NA	Electronic	354.97	355.62
SINGCash	10-09-18	15:32-17:30			352.52	10-09-18 15:51	226.078703	Other	NA	Electronic	351.87	352.52
SINGCash	13-09-18	09:32-11:30			354.57	13-09-18 11:27	226.2710995	Other	NA	Electronic	354.57	355.22
SINGCash	13-09-18	13:32-15:30			355.67	13-09-18 13:55	228.836386	Other	NA	Electronic	355.67	356.32
SINGCash	17-09-18	09:32-11:30			354.07	17-09-18 10:13	229.7983685	Other	NA	Electronic	354.07	354.72

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SINGCash	18-09-18	11:32-13:30			354.87	18-09-18 13:20	226.5276281	Other	NA	Electronic	354.87	355.52
SINGCash	18-09-18	15:32-17:30			356.22	18-09-18 16:28	226.1107691	Other	NA	Electronic	355.57	356.22
SINGCash	19-09-18	13:32-15:30			359.07	19-09-18 14:25	1148.02986	Other	NA	Electronic	359.07	359.72
SINGCash	19-09-18	15:32-17:30			359.77	19-09-18 16:58	230.7282848	Other	NA	Electronic	359.77	360.42
SINGCash	28-09-18	15:32-17:30			369.52	28-09-18 16:58	236.9811708	Other	NA	Electronic	368.87	369.52
SING-JUL18	02-07-18	11:32-13:30			362.6	02-07-18 12:13	232.5432251	Other	NA	Electronic	361.7	362.6
SING-JUL18	02-07-18	13:32-15:30			362.1	02-07-18 13:49	232.5432251	Other	NA	Electronic	362.1	363
SING-JUL18	03-07-18	13:32-15:30			362.8	03-07-18 14:54	232.6714894	Other	NA	Electronic	361.9	362.8
SING-JUL18	04-07-18	13:32-15:30			363.7	04-07-18 13:32	232.6714894	Other	NA	Electronic	363.7	364.6
SING-JUL18	06-07-18	13:32-15:30			358.1	06-07-18 15:07	229.6572777	Other	NA	Electronic	357.2	358.1
SING-JUL18	16-07-18	13:32-15:30			361.1	16-07-18 14:50	17383.02293	Other	NA	Electronic	360.2	361.1
SING-JUL18	20-07-18	15:32-17:30			367.5	20-07-18 16:29	235.6857011	Other	NA	Electronic	367.5	368.4
SING-JUL18	23-07-18	11:32-13:30			366.1	23-07-18 12:25	234.7878508	Other	NA	Electronic	366.1	367
SING-JUL18	23-07-18	13:32-15:30			365.7	23-07-18 14:10	234.5313221	Other	NA	Electronic	365.7	366.6
SING-SEP18	17-09-18	13:32-15:30			354.1	17-09-18 13:53	227.0919912	Other	NA	Electronic	354.1	355

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SING-SEP18	25-09-18	09:32-11:30			368.4	25-09-18 11:25	236.2628906	Other	NA	Electronic	367.5	368.4
Sirius XM	25-07-18	13:32-15:30			7.1	25-07-18 13:51	61.99982411	Other	NA	Electronic	7.1	7.16
Sirius XM	27-07-18	13:32-15:30			7.21	27-07-18 13:40	128.0450268	Other	NA	Electronic	7.21	7.27
Sirius XM	01-08-18	13:32-15:30			7	01-08-18 13:40	54.26083898	Other	NA	Electronic	6.94	7
Sirius XM	15-08-18	13:32-15:30			6.9	15-08-18 13:50	60.68067892	Other	NA	Electronic	6.9	6.96
Sirius XM	24-08-18	13:32-15:30			6.94	24-08-18 13:40	61.03245097	Other	NA	Electronic	6.94	7
Sirius XM	29-08-18	15:32-17:30			7.12	29-08-18 16:15	61.03245097	Other	NA	Electronic	7.06	7.12
Sirius XM	04-09-18	13:32-15:30			7.08	04-09-18 14:43	62.26365315	Other	NA	Electronic	7.08	7.14
Sirius XM	06-09-18	13:32-15:30			6.96	06-09-18 14:42	62.70336822	Other	NA	Electronic	6.96	7.02
Sirius XM	11-09-18	13:32-15:30			7.2	11-09-18 14:48	63.31896931	Other	NA	Electronic	7.14	7.2
Sirius XM	20-09-18	13:32-15:30			6.96	20-09-18 14:30	63.31896931	Other	NA	Electronic	6.96	7.02
Sirius XM	24-09-18	15:32-17:30			6.49	24-09-18 16:32	57.07501539	Other	NA	Electronic	6.43	6.49
SKF	06-07-18	13:32-15:30			160.08	06-07-18 14:22	173.0088045	Other	NA	Electronic	160.08	160.53
SKY	16-07-18	13:32-15:30			15.31	16-07-18 13:38	1689.288925	Other	NA	Electronic	15.31	15.341
SKY	19-07-18	11:32-13:30			14.875	19-07-18 12:51	1693.728289	Other	NA	Electronic	14.875	14.916

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SKY	26-07-18	13:32-15:30			15.12	26-07-18 14:41	1678.079531	Other	NA	Electronic	15.12	15.146
SKY	31-07-18	09:32-11:30			15.185	31-07-18 10:59	1688.734004	Other	NA	Electronic	15.185	15.216
SKY	01-08-18	09:32-11:30			15.201	01-08-18 10:20	1483.302443	Other	NA	Electronic	15.175	15.201
Skyworks	20-07-18	15:32-17:30			97.57	20-07-18 16:28	2574.179931	Other	NA	Electronic	97.35	97.57
Skyworks	23-07-18	13:32-15:30			94.47	23-07-18 15:20	2492.392929	Other	NA	Electronic	94.29	94.47
Skyworks	23-07-18	15:32-17:30			95.75	23-07-18 16:19	2492.392929	Other	NA	Electronic	95.75	95.97
Smith & Nephew	27-07-18	11:32-13:30			13.82	27-07-18 12:15	153.1580525	Other	NA	Electronic	13.82	13.85
Snam	03-07-18	13:32-15:30			3.595	03-07-18 14:53	358.6	Other	NA	Electronic	3.595	3.604
Snam	16-07-18	13:32-15:30			3.636	16-07-18 14:37	363.6	Other	NA	Electronic	3.628	3.636
Snam	27-07-18	09:32-11:30			3.7	27-07-18 09:45	40.92	Other	NA	Electronic	3.7	3.71
Snam	27-07-18	11:32-13:30			3.694	27-07-18 12:06	1296.75	Other	NA	Electronic	3.694	3.702
Snam	21-09-18	09:32-11:30			3.742	21-09-18 10:01	37.4	Other	NA	Electronic	3.742	3.751
Snam	28-09-18	11:32-13:30			3.62	28-09-18 12:49	36.2	Other	NA	Electronic	3.612	3.62
Snap	12-09-18	15:32-17:30			9.09	12-09-18 15:47	79.94019875	Other	NA	Electronic	9.03	9.09
Snap	17-09-18	15:32-17:30			9.19	17-09-18 17:11	80.81962888	Other	NA	Electronic	9.13	9.19

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Snap	19-09-18	13:32-15:30			9.14	19-09-18 13:49	80.37991382	Other	NA	Electronic	9.08	9.14
Snap	26-09-18	13:32-15:30			9.01	26-09-18 14:10	237.7099639	Other	NA	Electronic	8.95	9.01
Snap	26-09-18	15:32-17:30			8.96	26-09-18 15:40	78.79693958	Other	NA	Electronic	8.9	8.96
SocieteGen	03-07-18	11:32-13:30			36.379	03-07-18 12:32	363.79	Other	NA	Electronic	36.281	36.379
SocieteGen	12-07-18	09:32-11:30			35.956	12-07-18 09:44	2509.14	Other	NA	Electronic	35.956	36.054
SocieteGen	13-07-18	13:32-15:30			36.176	13-07-18 13:52	1085.28	Other	NA	Electronic	36.176	36.274
SocieteGen	19-07-18	11:32-13:30			36.241	19-07-18 12:37	367.24	Other	NA	Electronic	36.241	36.339
SocieteGen	04-09-18	09:32-11:30			35.291	04-09-18 10:40	352.91	Other	NA	Electronic	35.291	35.389
SocieteGen	12-09-18	09:32-11:30			35.259	12-09-18 09:39	352.91	Other	NA	Electronic	35.161	35.259
Sodexo	19-07-18	13:32-15:30			91.5	19-07-18 13:56	910.4	Other	NA	Electronic	91.5	91.76
Sodexo	25-07-18	09:32-11:30			91.2	25-07-18 09:37	897	Other	NA	Electronic	91.2	91.44
Sodexo	26-07-18	13:32-15:30			92.22	26-07-18 13:52	919.6	Other	NA	Electronic	92.22	92.46
Sodexo	08-08-18	11:32-13:30			93.3	08-08-18 13:10	933	Other	NA	Electronic	93.06	93.3
Sonae	09-07-18	09:32-11:30			1.034	09-07-18 10:25	10.34	Other	NA	Electronic	1.029	1.034
Sonae	11-07-18	11:32-13:30			1.009	11-07-18 12:07	10.09	Other	NA	Electronic	1.009	1.013

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Sonae	13-07-18	13:32-15:30			1.016	13-07-18 13:39	10.14	Other	NA	Electronic	1.016	1.02
Sonae	16-07-18	11:32-13:30			1.029	16-07-18 12:24	10.29	Other	NA	Electronic	1.024	1.029
Sonae	23-07-18	13:32-15:30			0.993	23-07-18 15:13	9.93	Other	NA	Electronic	0.989	0.993
Sonae	24-07-18	09:32-11:30			0.979	24-07-18 10:50	10.29	Other	NA	Electronic	0.979	0.985
Sonae	24-07-18	13:32-15:30			0.98	24-07-18 13:34	9.8	Other	NA	Electronic	0.976	0.98
Sonae	25-07-18	13:32-15:30			0.981	25-07-18 14:05	9.8	Other	NA	Electronic	0.981	0.985
Sonae	26-07-18	13:32-15:30			0.964	26-07-18 14:47	9.64	Other	NA	Electronic	0.959	0.964
Sonae	31-07-18	09:32-11:30			0.974	31-07-18 09:42	9.64	Other	NA	Electronic	0.974	0.978
Sonae	01-08-18	11:32-13:30			0.982	01-08-18 12:31	98.6	Other	NA	Electronic	0.982	0.986
Sonae	02-08-18	13:32-15:30			0.973	02-08-18 14:44	233.52	Other	NA	Electronic	0.973	0.976
Sonae	13-09-18	13:32-15:30			0.91	13-09-18 14:48	9.1	Other	NA	Electronic	0.906	0.91
Sonae	24-09-18	09:32-11:30			0.902	24-09-18 10:16	17.86	Other	NA	Electronic	0.898	0.902
Sonae	24-09-18	13:32-15:30			0.893	24-09-18 15:01	9.02	Other	NA	Electronic	0.893	0.897
Sonae	28-09-18	09:32-11:30			0.895	28-09-18 10:17	26.79	Other	NA	Electronic	0.89	0.895
Southern	05-07-18	13:32-15:30			47.2	05-07-18 14:39	824.5536892	Other	NA	Electronic	47.2	47.27

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Southern	06-09-18	13:32-15:30			44.82	06-09-18 14:29	439.8909507	Other	NA	Electronic	44.82	44.88
Southern	12-09-18	13:32-15:30			43.72	12-09-18 13:43	439.8909507	Other	NA	Electronic	43.72	43.78
Southern	13-09-18	13:32-15:30			44.03	13-09-18 14:31	439.8909507	Other	NA	Electronic	44.03	44.09
Southwestern Energy	13-09-18	13:32-15:30			5.02	13-09-18 14:56	44.14739249	Other	NA	Electronic	4.96	5.02
Southwestern Energy	21-09-18	13:32-15:30			5.72	21-09-18 15:29	222.4958227	Other	NA	Electronic	5.72	5.78
Southwestern Energy	21-09-18	15:32-17:30			5.72	21-09-18 16:01	44.14739249	Other	NA	Electronic	5.72	5.78
Southwestern Energy	26-09-18	13:32-15:30			5.55	26-09-18 13:43	50.12751737	Other	NA	Electronic	5.55	5.61
SPAIN35Cash	02-07-18	09:30-09:32	9,512.00	951.2								
SPAIN35Cash	02-07-18	11:32-13:30			9,540.00	02-07-18 11:47	9602	Other	NA	Electronic	9,534.00	9,540.00
SPAIN35Cash	02-07-18	13:32-15:30			9,554.00	02-07-18 13:33	955.4	Other	NA	Electronic	9,554.00	9,560.00
SPAIN35Cash	02-07-18	15:32-17:30			9,547.00	02-07-18 15:41	3818.8	Other	NA	Electronic	9,547.00	9,553.00
SPAIN35Cash	03-07-18	09:32-11:30			9,665.00	03-07-18 09:33	964.2	Other	NA	Electronic	9,659.00	9,665.00
SPAIN35Cash	03-07-18	11:32-13:30			9,685.00	03-07-18 11:40	10653.5	Other	NA	Electronic	9,679.00	9,685.00
SPAIN35Cash	03-07-18	15:32-17:30			9,659.00	03-07-18 15:54	965.9	Other	NA	Electronic	9,659.00	9,665.00
SPAIN35Cash	04-07-18	09:32-11:30			9,708.00	04-07-18 10:03	1941.6	Other	NA	Electronic	9,702.00	9,708.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SPAIN35Cash	04-07-18	13:32-15:30			9,740.00	04-07-18 14:08	974	Other	NA	Electronic	9,740.00	9,746.00
SPAIN35Cash	04-07-18	15:32-17:30			9,745.00	04-07-18 16:26	2923.5	Other	NA	Electronic	9,745.00	9,751.00
SPAIN35Cash	05-07-18	09:32-11:30			9,883.00	05-07-18 09:49	988.3	Other	NA	Electronic	9,877.00	9,883.00
SPAIN35Cash	05-07-18	11:32-13:30			9,912.00	05-07-18 11:53	4956	Other	NA	Electronic	9,906.00	9,912.00
SPAIN35Cash	05-07-18	13:32-15:30			9,884.00	05-07-18 14:10	3953.6	Other	NA	Electronic	9,878.00	9,884.00
SPAIN35Cash	05-07-18	15:32-17:30			9,875.00	05-07-18 15:54	4956	Other	NA	Electronic	9,875.00	9,881.00
SPAIN35Cash	06-07-18	09:32-11:30			9,871.00	06-07-18 09:38	990	Other	NA	Electronic	9,871.00	9,877.00
SPAIN35Cash	06-07-18	11:32-13:30			9,851.00	06-07-18 12:10	985.1	Other	NA	Electronic	9,845.00	9,851.00
SPAIN35Cash	06-07-18	13:32-15:30			9,860.00	06-07-18 13:40	986	Other	NA	Electronic	9,854.00	9,860.00
SPAIN35Cash	06-07-18	15:32-17:30			9,906.00	06-07-18 15:32	2950.5	Other	NA	Electronic	9,900.00	9,906.00
SPAIN35Cash	09-07-18	09:32-11:30			9,942.00	09-07-18 09:47	984.1	Other	NA	Electronic	9,936.00	9,942.00
SPAIN35Cash	09-07-18	11:32-13:30			9,935.00	09-07-18 13:02	993.5	Other	NA	Electronic	9,929.00	9,935.00
SPAIN35Cash	09-07-18	13:32-15:30			9,927.00	09-07-18 13:50	992.7	Other	NA	Electronic	9,927.00	9,933.00
SPAIN35Cash	09-07-18	15:30-15:32	9,924.00	9924								
SPAIN35Cash	10-07-18	09:32-11:30			9,928.00	10-07-18 11:24	4964	Other	NA	Electronic	9,922.00	9,928.00



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SPAIN35Cash	10-07-18	11:32-13:30			9,886.00	10-07-18 12:43	19772	Other	NA	Electronic	9,880.00	9,886.00
SPAIN35Cash	10-07-18	13:32-15:30			9,881.00	10-07-18 13:37	4964	Other	NA	Electronic	9,881.00	9,887.00
SPAIN35Cash	10-07-18	15:32-17:30			9,876.00	10-07-18 15:54	988.2	Other	NA	Electronic	9,876.00	9,882.00
SPAIN35Cash	11-07-18	09:32-11:30			9,759.00	11-07-18 10:00	4879.5	Other	NA	Electronic	9,759.00	9,765.00
SPAIN35Cash	11-07-18	11:32-13:30			9,790.00	11-07-18 12:42	978.1	Other	NA	Electronic	9,790.00	9,796.00
SPAIN35Cash	11-07-18	13:32-15:30			9,748.00	11-07-18 13:59	4874	Other	NA	Electronic	9,748.00	9,754.00
SPAIN35Cash	12-07-18	09:32-11:30			9,725.00	12-07-18 09:47	3897.6	Other	NA	Electronic	9,725.00	9,731.00
SPAIN35Cash	12-07-18	11:32-13:30			9,750.00	12-07-18 12:00	973.1	Other	NA	Electronic	9,750.00	9,756.00
SPAIN35Cash	12-07-18	13:32-15:30			9,727.00	12-07-18 13:48	972.7	Other	NA	Electronic	9,727.00	9,733.00
SPAIN35Cash	12-07-18	15:32-17:30			9,764.00	12-07-18 15:52	976.4	Other	NA	Electronic	9,764.00	9,770.00
SPAIN35Cash	13-07-18	09:32-11:30			9,731.00	13-07-18 09:41	1946.2	Other	NA	Electronic	9,725.00	9,731.00
SPAIN35Cash	13-07-18	11:32-13:30			9,746.00	13-07-18 11:59	974.6	Other	NA	Electronic	9,740.00	9,746.00
SPAIN35Cash	13-07-18	13:32-15:30			9,719.00	13-07-18 13:55	971.9	Other	NA	Electronic	9,713.00	9,719.00
SPAIN35Cash	16-07-18	09:32-11:30			9,756.00	16-07-18 09:34	9791	Other	NA	Electronic	9,756.00	9,762.00
SPAIN35Cash	16-07-18	11:32-13:30			9,700.00	16-07-18 11:34	971.2	Other	NA	Electronic	9,693.00	9,699.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SPAIN35Cash	16-07-18	13:32-15:30			9,754.00	16-07-18 13:54	1946.4	Other	NA	Electronic	9,754.00	9,760.00
SPAIN35Cash	16-07-18	15:32-17:30			9,725.00	16-07-18 15:49	9725	Other	NA	Electronic	9,719.00	9,725.00
SPAIN35Cash	17-07-18	09:32-11:30			9,690.00	17-07-18 10:05	9690	Other	NA	Electronic	9,684.00	9,690.00
SPAIN35Cash	17-07-18	11:30-11:32	9,669.00	1933.8								
SPAIN35Cash	17-07-18	13:32-15:30			9,686.00	17-07-18 14:30	967.1	Other	NA	Electronic	9,686.00	9,692.00
SPAIN35Cash	17-07-18	15:32-17:30			9,750.00	17-07-18 16:18	9761	Other	NA	Electronic	9,750.00	9,756.00
SPAIN35Cash	18-07-18	09:32-11:30			9,735.00	18-07-18 09:38	973.5	Other	NA	Electronic	9,735.00	9,741.00
SPAIN35Cash	18-07-18	11:32-13:30			9,717.00	18-07-18 12:50	9704	Other	NA	Electronic	9,717.00	9,723.00
SPAIN35Cash	18-07-18	13:32-15:30			9,727.00	18-07-18 13:34	9718	Other	NA	Electronic	9,727.00	9,733.00
SPAIN35Cash	18-07-18	15:32-17:30			9,751.00	18-07-18 16:03	976.4	Other	NA	Electronic	9,745.00	9,751.00
SPAIN35Cash	19-07-18	11:32-13:30			9,713.00	19-07-18 12:05	9713	Other	NA	Electronic	9,707.00	9,713.00
SPAIN35Cash	19-07-18	13:32-15:30			9,701.00	19-07-18 14:10	970.5	Other	NA	Electronic	9,695.00	9,701.00
SPAIN35Cash	19-07-18	15:32-17:30			9,723.00	19-07-18 15:39	1943.8	Other	NA	Electronic	9,723.00	9,729.00
SPAIN35Cash	20-07-18	09:32-11:30			9,731.00	20-07-18 09:53	1947.6	Other	NA	Electronic	9,725.00	9,731.00
SPAIN35Cash	20-07-18	11:32-13:30			9,668.00	20-07-18 12:28	985	Other	NA	Electronic	9,668.00	9,674.00

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SPAIN35Cash	20-07-18	13:32-15:30			9,706.00	20-07-18 14:21	9696	Other	NA	Electronic	9,706.00	9,712.00
SPAIN35Cash	20-07-18	15:32-17:30			9,722.00	20-07-18 16:44	967.8	Other	NA	Electronic	9,722.00	9,728.00
SPAIN35Cash	23-07-18	09:32-11:30			9,730.00	23-07-18 09:42	9730	Other	NA	Electronic	9,724.00	9,730.00
SPAIN35Cash	23-07-18	11:32-13:30			9,705.00	23-07-18 12:54	9680	Other	NA	Electronic	9,705.00	9,711.00
SPAIN35Cash	23-07-18	13:32-15:30			9,736.00	23-07-18 13:48	9739	Other	NA	Electronic	9,730.00	9,736.00
SPAIN35Cash	23-07-18	15:32-17:30			9,734.00	23-07-18 16:01	9734	Other	NA	Electronic	9,734.00	9,740.00
SPAIN35Cash	24-07-18	09:32-11:30			9,814.00	24-07-18 09:34	9814	Other	NA	Electronic	9,808.00	9,814.00
SPAIN35Cash	24-07-18	11:30-11:32	9,789.00	9779								
SPAIN35Cash	24-07-18	13:32-15:30			9,777.00	24-07-18 13:58	978.3	Other	NA	Electronic	9,777.00	9,783.00
SPAIN35Cash	25-07-18	09:32-11:30			9,734.00	25-07-18 10:03	9734	Other	NA	Electronic	9,728.00	9,734.00
SPAIN35Cash	25-07-18	13:32-15:30			9,699.00	25-07-18 14:27	9734	Other	NA	Electronic	9,699.00	9,705.00
SPAIN35Cash	26-07-18	11:32-13:30			9,767.00	26-07-18 12:59	9767	Other	NA	Electronic	9,767.00	9,773.00
SPAIN35Cash	26-07-18	13:32-15:30			9,761.00	26-07-18 13:52	9767	Other	NA	Electronic	9,755.00	9,761.00
SPAIN35Cash	26-07-18	15:32-17:30			9,758.00	26-07-18 16:42	9739	Other	NA	Electronic	9,758.00	9,764.00
SPAIN35Cash	27-07-18	09:32-11:30			9,883.00	27-07-18 09:36	9905	Other	NA	Electronic	9,883.00	9,889.00

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SPAIN35Cash	27-07-18	11:32-13:30			9,867.00	27-07-18 12:18	978.7	Other	NA	Electronic	9,867.00	9,873.00
SPAIN35Cash	27-07-18	15:32-17:30			9,843.00	27-07-18 16:19	9816	Other	NA	Electronic	9,843.00	9,849.00
SPAIN35Cash	30-07-18	11:32-13:30			9,857.00	30-07-18 12:11	9857	Other	NA	Electronic	9,851.00	9,857.00
SPAIN35Cash	30-07-18	13:32-15:30			9,859.00	30-07-18 14:26	9857	Other	NA	Electronic	9,859.00	9,865.00
SPAIN35Cash	31-07-18	09:32-11:30			9,903.00	31-07-18 09:41	1980.6	Other	NA	Electronic	9,903.00	9,909.00
SPAIN35Cash	31-07-18	11:32-13:30			9,918.00	31-07-18 12:00	19840	Other	NA	Electronic	9,912.00	9,918.00
SPAIN35Cash	31-07-18	15:30-15:32	9,880.00	19782								
SPAIN35Cash	01-08-18	09:32-11:30			9,828.00	01-08-18 09:40	9828	Other	NA	Electronic	9,822.00	9,828.00
SPAIN35Cash	01-08-18	11:32-13:30			9,809.00	01-08-18 12:16	9751	Other	NA	Electronic	9,803.00	9,809.00
SPAIN35Cash	03-08-18	09:32-11:30			9,753.00	03-08-18 11:28	9753	Other	NA	Electronic	9,747.00	9,753.00
SPAIN35Cash	03-08-18	11:32-13:30			9,760.00	03-08-18 11:56	9753	Other	NA	Electronic	9,760.00	9,766.00
SPAIN35Cash	06-08-18	09:32-11:30			9,734.00	06-08-18 10:49	9734	Other	NA	Electronic	9,728.00	9,734.00
SPAIN35Cash	06-08-18	15:32-17:30			9,727.00	06-08-18 16:25	9755	Other	NA	Electronic	9,727.00	9,733.00
SPAIN35Cash	07-08-18	09:32-11:30			9,790.00	07-08-18 10:15	9790	Other	NA	Electronic	9,790.00	9,796.00
SPAIN35Cash	08-08-18	11:32-13:30			9,713.00	08-08-18 12:14	9713	Other	NA	Electronic	9,707.00	9,713.00

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SPAIN35Cash	08-08-18	13:32-15:30			9,740.00	08-08-18 15:04	9713	Other	NA	Electronic	9,740.00	9,746.00
SPAIN35Cash	09-08-18	09:32-11:30			9,727.00	09-08-18 10:58	9727	Other	NA	Electronic	9,721.00	9,727.00
SPAIN35Cash	09-08-18	11:32-13:30			9,727.00	09-08-18 11:44	9726	Other	NA	Electronic	9,721.00	9,727.00
SPAIN35Cash	10-08-18	09:32-11:30			9,644.00	10-08-18 11:10	1928.8	Other	NA	Electronic	9,644.00	9,650.00
SPAIN35Cash	10-08-18	11:32-13:30			9,614.00	10-08-18 12:05	9626	Other	NA	Electronic	9,608.00	9,614.00
SPAIN35Cash	10-08-18	13:30-13:32	9,592.00	964.4								
SPAIN35Cash	13-08-18	09:32-11:30			9,496.00	13-08-18 10:16	949.6	Other	NA	Electronic	9,490.00	9,496.00
SPAIN35Cash	13-08-18	11:32-13:30			9,527.00	13-08-18 11:55	4767.5	Other	NA	Electronic	9,520.00	9,526.00
SPAIN35Cash	14-08-18	11:32-13:30			9,521.00	14-08-18 12:34	9521	Other	NA	Electronic	9,521.00	9,527.00
SPAIN35Cash	14-08-18	13:32-15:30			9,492.00	14-08-18 13:49	9492	Other	NA	Electronic	9,492.00	9,498.00
SPAIN35Cash	14-08-18	15:32-17:30			9,543.00	14-08-18 15:50	951.6	Other	NA	Electronic	9,543.00	9,549.00
SPAIN35Cash	15-08-18	09:32-11:30			9,425.00	15-08-18 10:32	9425	Other	NA	Electronic	9,425.00	9,431.00
SPAIN35Cash	15-08-18	11:32-13:30			9,364.00	15-08-18 12:13	954.3	Other	NA	Electronic	9,364.00	9,370.00
SPAIN35Cash	15-08-18	13:32-15:30			9,364.00	15-08-18 15:17	936.4	Other	NA	Electronic	9,358.00	9,364.00
SPAIN35Cash	15-08-18	15:32-17:30			9,382.00	15-08-18 15:48	9403	Other	NA	Electronic	9,376.00	9,382.00

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SPAIN35Cash	16-08-18	11:32-13:30			9,432.00	16-08-18 11:41	9432	Other	NA	Electronic	9,432.00	9,438.00
SPAIN35Cash	16-08-18	15:32-17:30			9,445.00	16-08-18 16:05	1889	Other	NA	Electronic	9,439.00	9,445.00
SPAIN35Cash	17-08-18	09:32-11:30			9,371.00	17-08-18 09:52	937.1	Other	NA	Electronic	9,365.00	9,371.00
SPAIN35Cash	17-08-18	11:32-13:30			9,378.00	17-08-18 12:39	937.1	Other	NA	Electronic	9,378.00	9,384.00
SPAIN35Cash	17-08-18	15:32-17:30			9,418.00	17-08-18 16:05	941.7	Other	NA	Electronic	9,418.00	9,424.00
SPAIN35Cash	20-08-18	09:32-11:30			9,467.00	20-08-18 09:44	9500	Other	NA	Electronic	9,461.00	9,467.00
SPAIN35Cash	20-08-18	13:32-15:30			9,488.00	20-08-18 14:15	948.8	Other	NA	Electronic	9,482.00	9,488.00
SPAIN35Cash	20-08-18	15:32-17:30			9,471.00	20-08-18 15:56	2838	Other	NA	Electronic	9,471.00	9,477.00
SPAIN35Cash	21-08-18	15:32-17:30			9,550.00	21-08-18 15:40	9550	Other	NA	Electronic	9,550.00	9,556.00
SPAIN35Cash	23-08-18	09:32-11:30			9,599.00	23-08-18 09:35	9617	Other	NA	Electronic	9,593.00	9,599.00
SPAIN35Cash	23-08-18	13:32-15:30			9,578.00	23-08-18 14:14	9578	Other	NA	Electronic	9,578.00	9,584.00
SPAIN35Cash	23-08-18	15:32-17:30			9,558.00	23-08-18 16:18	955.8	Other	NA	Electronic	9,552.00	9,558.00
SPAIN35Cash	24-08-18	15:32-17:30			9,589.00	24-08-18 16:58	958.9	Other	NA	Electronic	9,589.00	9,595.00
SPAIN35Cash	28-08-18	15:32-17:30			9,603.00	28-08-18 15:36	18980	Other	NA	Electronic	9,603.00	9,609.00
SPAIN35Cash	29-08-18	09:32-11:30			9,540.00	29-08-18 10:29	954	Other	NA	Electronic	9,534.00	9,540.00

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SPAIN35Cash	29-08-18	13:32-15:30			9,504.00	29-08-18 13:53	9504	Other	NA	Electronic	9,504.00	9,510.00
SPAIN35Cash	29-08-18	15:32-17:30			9,568.00	29-08-18 15:40	956.4	Other	NA	Electronic	9,568.00	9,574.00
SPAIN35Cash	30-08-18	09:32-11:30			9,512.00	30-08-18 10:43	9512	Other	NA	Electronic	9,512.00	9,518.00
SPAIN35Cash	30-08-18	11:32-13:30			9,456.00	30-08-18 13:16	9495	Other	NA	Electronic	9,450.00	9,456.00
SPAIN35Cash	30-08-18	13:32-15:30			9,459.00	30-08-18 13:33	945.9	Other	NA	Electronic	9,453.00	9,459.00
SPAIN35Cash	31-08-18	09:32-11:30			9,385.00	31-08-18 10:17	9407	Other	NA	Electronic	9,379.00	9,385.00
SPAIN35Cash	31-08-18	11:32-13:30			9,402.00	31-08-18 12:58	9402	Other	NA	Electronic	9,402.00	9,408.00
SPAIN35Cash	31-08-18	15:32-17:30			9,363.00	31-08-18 16:45	936.3	Other	NA	Electronic	9,357.00	9,363.00
SPAIN35Cash	03-09-18	09:32-11:30			9,403.00	03-09-18 10:31	936.3	Other	NA	Electronic	9,403.00	9,409.00
SPAIN35Cash	03-09-18	11:32-13:30			9,391.00	03-09-18 12:20	955.2	Other	NA	Electronic	9,385.00	9,391.00
SPAIN35Cash	03-09-18	13:32-15:30			9,367.00	03-09-18 14:11	936.7	Other	NA	Electronic	9,361.00	9,367.00
SPAIN35Cash	04-09-18	09:32-11:30			9,347.00	04-09-18 09:42	9389	Other	NA	Electronic	9,341.00	9,347.00
SPAIN35Cash	04-09-18	11:32-13:30			9,333.00	04-09-18 11:43	9348	Other	NA	Electronic	9,327.00	9,333.00
SPAIN35Cash	04-09-18	13:32-15:30			9,317.00	04-09-18 13:52	931.7	Other	NA	Electronic	9,311.00	9,317.00
SPAIN35Cash	04-09-18	15:32-17:30			9,355.00	04-09-18 16:06	933.1	Other	NA	Electronic	9,355.00	9,361.00

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SPAIN35Cash	05-09-18	09:32-11:30			9,310.00	05-09-18 09:42	936.9	Other	NA	Electronic	9,304.00	9,310.00
SPAIN35Cash	05-09-18	11:32-13:30			9,354.00	05-09-18 13:08	9354	Other	NA	Electronic	9,354.00	9,360.00
SPAIN35Cash	05-09-18	13:32-15:30			9,328.00	05-09-18 14:22	931.7	Other	NA	Electronic	9,328.00	9,334.00
SPAIN35Cash	05-09-18	15:32-17:30			9,298.00	05-09-18 15:39	9354	Other	NA	Electronic	9,292.00	9,298.00
SPAIN35Cash	06-09-18	09:32-11:30			9,249.00	06-09-18 09:51	924.9	Other	NA	Electronic	9,243.00	9,249.00
SPAIN35Cash	06-09-18	13:32-15:30			9,263.00	06-09-18 13:49	9263	Other	NA	Electronic	9,263.00	9,269.00
SPAIN35Cash	07-09-18	11:32-13:30			9,133.00	07-09-18 12:45	9133	Other	NA	Electronic	9,133.00	9,139.00
SPAIN35Cash	07-09-18	13:32-15:30			9,162.00	07-09-18 13:54	9214	Other	NA	Electronic	9,156.00	9,162.00
SPAIN35Cash	07-09-18	15:32-17:30			9,174.00	07-09-18 15:34	9174	Other	NA	Electronic	9,174.00	9,180.00
SPAIN35Cash	10-09-18	09:32-11:30			9,272.00	10-09-18 10:51	9272	Other	NA	Electronic	9,266.00	9,272.00
SPAIN35Cash	11-09-18	13:32-15:30			9,264.00	11-09-18 14:43	927	Other	NA	Electronic	9,258.00	9,264.00
SPAIN35Cash	11-09-18	15:32-17:30			9,292.00	11-09-18 15:59	929.2	Other	NA	Electronic	9,292.00	9,298.00
SPAIN35Cash	12-09-18	09:32-11:30			9,287.00	12-09-18 10:53	9287	Other	NA	Electronic	9,287.00	9,293.00
SPAIN35Cash	12-09-18	11:32-13:30			9,270.00	12-09-18 11:41	929.2	Other	NA	Electronic	9,264.00	9,270.00
SPAIN35Cash	12-09-18	13:32-15:30			9,292.00	12-09-18 13:56	1858.4	Other	NA	Electronic	9,292.00	9,298.00



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SPAIN35Cash	12-09-18	15:32-17:30			9,297.00	12-09-18 15:42	4648.5	Other	NA	Electronic	9,297.00	9,303.00
SPAIN35Cash	13-09-18	09:32-11:30			9,303.00	13-09-18 10:15	2790.9	Other	NA	Electronic	9,303.00	9,309.00
SPAIN35Cash	14-09-18	11:32-13:30			9,332.00	14-09-18 11:44	9350	Other	NA	Electronic	9,326.00	9,332.00
SPAIN35Cash	14-09-18	13:32-15:30			9,335.00	14-09-18 14:08	46040	Other	NA	Electronic	9,335.00	9,341.00
SPAIN35Cash	17-09-18	09:32-11:30			9,398.00	17-09-18 10:13	9398	Other	NA	Electronic	9,398.00	9,404.00
SPAIN35Cash	18-09-18	11:32-13:30			9,400.00	18-09-18 13:07	939.1	Other	NA	Electronic	9,400.00	9,406.00
SPAIN35Cash	19-09-18	09:32-11:30			9,446.00	19-09-18 10:05	2833.8	Other	NA	Electronic	9,446.00	9,452.00
SPAIN35Cash	19-09-18	11:32-13:30			9,450.00	19-09-18 12:59	2840.7	Other	NA	Electronic	9,444.00	9,450.00
SPAIN35Cash	19-09-18	13:32-15:30			9,483.00	19-09-18 14:40	948.3	Other	NA	Electronic	9,483.00	9,489.00
SPAIN35Cash	20-09-18	09:32-11:30			9,583.00	20-09-18 10:18	9398	Other	NA	Electronic	9,578.00	9,584.00
SPAIN35Cash	20-09-18	11:30-11:32	9,586.00	9367								
SPAIN35Cash	24-09-18	09:32-11:30			9,530.00	24-09-18 09:42	953	Other	NA	Electronic	9,530.00	9,536.00
SPAIN35Cash	24-09-18	13:32-15:30			9,530.00	24-09-18 14:11	953	Other	NA	Electronic	9,530.00	9,536.00
SPAIN35Cash	25-09-18	09:32-11:30			9,519.00	25-09-18 09:48	951.9	Other	NA	Electronic	9,519.00	9,525.00
SPAIN35Cash	25-09-18	11:30-11:32	9,524.00	9530								

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SPAIN35Cash	25-09-18	15:32-17:30			9,495.00	25-09-18 16:34	949.5	Other	NA	Electronic	9,495.00	9,501.00
SPAIN35Cash	26-09-18	13:32-15:30			9,522.00	26-09-18 15:15	9537	Other	NA	Electronic	9,516.00	9,522.00
SPAIN35Cash	27-09-18	09:32-11:30			9,458.00	27-09-18 10:03	1891.6	Other	NA	Electronic	9,458.00	9,464.00
SPAIN35Cash	27-09-18	11:32-13:30			9,493.00	27-09-18 13:19	1895	Other	NA	Electronic	9,493.00	9,499.00
SPAIN35Cash	27-09-18	13:32-15:30			9,531.00	27-09-18 14:35	1891.6	Other	NA	Electronic	9,525.00	9,531.00
SPAIN35Cash	27-09-18	15:32-17:30			9,529.00	27-09-18 15:44	952.9	Other	NA	Electronic	9,523.00	9,529.00
SPAIN35Cash	28-09-18	09:32-11:30			9,417.00	28-09-18 09:34	4708.5	Other	NA	Electronic	9,417.00	9,423.00
SPAIN35Cash	28-09-18	11:30-11:32	9,348.00	4708.5								
SPAIN35Cash	28-09-18	13:32-15:30			9,408.00	28-09-18 14:21	937	Other	NA	Electronic	9,402.00	9,408.00
SPAIN35Cash	28-09-18	15:32-17:30			9,371.00	28-09-18 16:14	951.9	Other	NA	Electronic	9,365.00	9,371.00
SportsDirect	27-09-18	09:32-11:30			3.438	27-09-18 10:49	38.1563322	Other	NA	Electronic	3.438	3.451
SportsDirect	27-09-18	11:32-13:30			3.435	27-09-18 11:41	38.1563322	Other	NA	Electronic	3.42	3.435
Sprint	06-07-18	13:32-15:30			5.58	06-07-18 14:23	49.07220121	Other	NA	Electronic	5.52	5.58
Sprint	18-07-18	13:32-15:30			5.62	18-07-18 13:53	49.42397327	Other	NA	Electronic	5.56	5.62
Sprint	27-07-18	15:32-17:30			5.5	27-07-18 16:08	47.84099903	Other	NA	Electronic	5.5	5.56

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Sprint	31-07-18	13:32-15:30			5.42	31-07-18 14:54	47.66511301	Other	NA	Electronic	5.42	5.48
Sprint	31-07-18	15:32-17:30			5.53	31-07-18 15:53	47.66511301	Other	NA	Electronic	5.47	5.53
Sprint	02-08-18	13:32-15:30			5.52	02-08-18 14:52	49.42397327	Other	NA	Electronic	5.52	5.58
Sprint	08-08-18	15:30-15:32	6.19	108.87345								
Sprint	10-08-18	13:32-15:30			5.99	10-08-18 13:55	108.87345	Other	NA	Electronic	5.99	6.05
Sprint	14-08-18	13:32-15:30			6.14	14-08-18 15:03	107.9940199	Other	NA	Electronic	6.08	6.14
Sprint	15-08-18	13:32-15:30			6.01	15-08-18 14:55	107.9940199	Other	NA	Electronic	6.01	6.07
Sprint	04-09-18	13:32-15:30			6.04	04-09-18 13:41	53.99700994	Other	NA	Electronic	6.04	6.1
Sprint	10-09-18	13:32-15:30			5.95	10-09-18 14:12	52.32609269	Other	NA	Electronic	5.95	6.01
Sprint	11-09-18	13:32-15:30			6.12	11-09-18 14:23	52.32609269	Other	NA	Electronic	6.06	6.12
Sprint	20-09-18	15:32-17:30			6.4	20-09-18 16:25	53.82112391	Other	NA	Electronic	6.4	6.46
Sprint	24-09-18	15:30-15:32	6.38	54.52466802								
Square	25-09-18	15:32-17:30			92.2	25-09-18 16:31	810.8345792	Other	NA	Electronic	92.2	92.28
Square	27-09-18	15:32-17:30			97.5	27-09-18 16:21	857.444376	Other	NA	Electronic	97.5	97.6
Square	28-09-18	13:32-15:30			99.52	28-09-18 14:52	875.2088647	Other	NA	Electronic	99.52	99.61

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Square	28-09-18	15:32-17:30			100.31	28-09-18 15:50	882.1563627	Other	NA	Electronic	100.31	100.38
SSAB	06-09-18	09:32-11:30			33.28	06-09-18 09:38	31.97154639	Other	NA	Electronic	33.28	33.43
Standard Life	20-08-18	13:32-15:30			3.2	20-08-18 14:19	35.51491071	Other	NA	Electronic	3.17	3.2
Standard Life	20-09-18	11:32-13:30			3.24	20-09-18 12:25	35.9588471	Other	NA	Electronic	3.24	3.27
Starbucks	03-07-18	13:32-15:30			48.89	03-07-18 13:49	429.9533902	Other	NA	Electronic	48.83	48.89
Starbucks	09-07-18	15:32-17:30			49.85	09-07-18 16:06	876.7918389	Other	NA	Electronic	49.85	49.91
Starbucks	10-07-18	13:32-15:30			50.26	10-07-18 13:41	4420.01583	Other	NA	Electronic	50.2	50.26
Starbucks	10-07-18	15:32-17:30			50.37	10-07-18 16:50	878.5506991	Other	NA	Electronic	50.37	50.44
Starbucks	12-07-18	15:32-17:30			50.5	12-07-18 17:11	444.1122153	Other	NA	Electronic	50.44	50.5
Starbucks	13-07-18	13:32-15:30			51.23	13-07-18 13:52	450.5320552	Other	NA	Electronic	51.17	51.23
Starbucks	17-07-18	15:32-17:30			51.19	17-07-18 16:36	895.2598716	Other	NA	Electronic	51.19	51.25
Starbucks	23-07-18	15:32-17:30			51.24	23-07-18 17:09	450.6199982	Other	NA	Electronic	51.18	51.24
Starbucks	24-07-18	13:32-15:30			51.59	24-07-18 13:42	2248.263125	Other	NA	Electronic	51.59	51.65
Starbucks	26-07-18	13:32-15:30			51.74	26-07-18 13:49	450.6199982	Other	NA	Electronic	51.74	51.8
Starbucks	27-07-18	13:32-15:30			52.24	27-07-18 14:20	2269.369449	Other	NA	Electronic	52.24	52.31

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Starbucks	27-07-18	15:32-17:30			52.45	27-07-18 15:40	909.1548676	Other	NA	Electronic	52.45	52.51
Starbucks	30-07-18	13:32-15:30			52.7	30-07-18 13:52	914.7832205	Other	NA	Electronic	52.7	52.76
Starbucks	06-08-18	15:32-17:30			52.12	06-08-18 16:24	458.3589834	Other	NA	Electronic	52.06	52.12
Starbucks	14-08-18	13:32-15:30			52.19	14-08-18 14:48	458.3589834	Other	NA	Electronic	52.19	52.25
Starbucks	14-08-18	15:32-17:30			52.57	14-08-18 16:53	462.316419	Other	NA	Electronic	52.57	52.63
Starbucks	16-08-18	13:32-15:30			53.18	16-08-18 13:42	462.316419	Other	NA	Electronic	53.12	53.18
Starbucks	22-08-18	15:32-17:30			53.09	22-08-18 15:41	466.8894556	Other	NA	Electronic	53.03	53.09
Starbucks	23-08-18	13:32-15:30			53.14	23-08-18 14:44	466.8894556	Other	NA	Electronic	53.14	53.2
Starbucks	27-08-18	13:32-15:30			53.05	27-08-18 13:52	466.5376836	Other	NA	Electronic	52.98	53.05
Starbucks	27-08-18	15:32-17:30			53.02	27-08-18 17:12	466.2738545	Other	NA	Electronic	52.96	53.02
Starbucks	13-09-18	13:32-15:30			55.48	13-09-18 13:45	3386.421599	Other	NA	Electronic	55.42	55.48
Starbucks	24-09-18	13:32-15:30			56.73	24-09-18 13:50	498.9007123	Other	NA	Electronic	56.67	56.73
State Street	07-08-18	13:32-15:30			87.45	07-08-18 13:43	769.0616481	Other	NA	Electronic	87.29	87.45
State Street	13-08-18	15:32-17:30			83	13-08-18 15:54	764.7524404	Other	NA	Electronic	83	83.12
State Street	17-09-18	15:32-17:30			86.05	17-09-18 17:22	756.7496262	Other	NA	Electronic	86.05	86.15

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
State Street	18-09-18	13:32-15:30			85.79	18-09-18 15:05	757.6290564	Other	NA	Electronic	85.68	85.79
StdCharter	31-08-18	09:32-11:30			6.289	31-08-18 09:32	697.9789796	Other	NA	Electronic	6.276	6.289
StdCharter	20-09-18	09:32-11:30			6.372	20-09-18 10:55	697.9789796	Other	NA	Electronic	6.372	6.387
St James	17-09-18	09:32-11:30			10.98	17-09-18 09:39	121.8605374	Other	NA	Electronic	10.95	10.98
St James	19-09-18	11:32-13:30			11.12	19-09-18 13:15	123.4143147	Other	NA	Electronic	11.08	11.12
St James	20-09-18	11:32-13:30			11.29	20-09-18 12:25	123.9692352	Other	NA	Electronic	11.29	11.32
St James	24-09-18	13:32-15:30			11.33	24-09-18 13:38	125.7449807	Other	NA	Electronic	11.33	11.37
St James	28-09-18	13:32-15:30			11.45	28-09-18 14:07	125.7449807	Other	NA	Electronic	11.42	11.45
STMicroelectronics	05-07-18	09:32-11:30			18.8	05-07-18 09:32	189.8	Other	NA	Electronic	18.8	18.85
STMicroelectronics	09-07-18	13:32-15:30			19.085	09-07-18 15:02	190.85	Other	NA	Electronic	19.035	19.085
STMicroelectronics	10-07-18	11:32-13:30			19.295	10-07-18 12:40	192.95	Other	NA	Electronic	19.245	19.295
STMicroelectronics	10-07-18	13:32-15:30			19.545	10-07-18 13:36	195.45	Other	NA	Electronic	19.49	19.545
STMicroelectronics	11-07-18	11:32-13:30			19.145	11-07-18 12:55	190.85	Other	NA	Electronic	19.145	19.195
STMicroelectronics	12-07-18	13:32-15:30			19.185	12-07-18 13:42	383.7	Other	NA	Electronic	19.125	19.185
STMicroelectronics	13-07-18	09:32-11:30			19.6	13-07-18 09:57	196	Other	NA	Electronic	19.55	19.6

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
STMicroelectronics	13-07-18	11:32-13:30			19.55	13-07-18 12:29	1955	Other	NA	Electronic	19.505	19.55
STMicroelectronics	13-07-18	13:32-15:30			19.49	13-07-18 13:53	1949	Other	NA	Electronic	19.44	19.49
STMicroelectronics	16-07-18	13:32-15:30			19.54	16-07-18 13:44	1758.6	Other	NA	Electronic	19.49	19.54
STMicroelectronics	17-07-18	13:32-15:30			19.605	17-07-18 14:36	392.1	Other	NA	Electronic	19.555	19.605
STMicroelectronics	18-07-18	13:32-15:30			20.32	18-07-18 13:52	1758.6	Other	NA	Electronic	20.32	20.37
STMicroelectronics	20-07-18	13:32-15:30			20.04	20-07-18 13:48	601.2	Other	NA	Electronic	19.98	20.04
STMicroelectronics	23-07-18	11:32-13:30			19.8	23-07-18 11:44	601.2	Other	NA	Electronic	19.8	19.85
STMicroelectronics	25-07-18	11:30-11:32	19.63	196								
STMicroelectronics	25-07-18	13:32-15:30			18.83	25-07-18 14:32	188.3	Other	NA	Electronic	18.78	18.83
STMicroelectronics	26-07-18	09:32-11:30			19.085	26-07-18 10:36	188.3	Other	NA	Electronic	19.085	19.135
STMicroelectronics	26-07-18	11:32-13:30			19.07	26-07-18 12:09	399.5	Other	NA	Electronic	19.07	19.125
STMicroelectronics	26-07-18	13:32-15:30			19.07	26-07-18 14:14	762.8	Other	NA	Electronic	19.015	19.07
STMicroelectronics	30-07-18	13:32-15:30			18.72	30-07-18 13:54	762.8	Other	NA	Electronic	18.72	18.78
STMicroelectronics	01-08-18	11:32-13:30			18.54	01-08-18 12:52	190.9	Other	NA	Electronic	18.54	18.595
STMicroelectronics	01-08-18	13:32-15:30			18.705	01-08-18 14:57	187.05	Other	NA	Electronic	18.655	18.705

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STMicroelectronics	06-08-18	09:32-11:30			18.82	06-08-18 10:07	188.2	Other	NA	Electronic	18.77	18.82
STMicroelectronics	06-08-18	11:32-13:30			18.82	06-08-18 13:21	187.05	Other	NA	Electronic	18.82	18.87
STMicroelectronics	10-08-18	13:32-15:30			18.055	10-08-18 14:14	180.55	Other	NA	Electronic	18	18.055
STMicroelectronics	13-08-18	11:32-13:30			18.045	13-08-18 12:13	181.75	Other	NA	Electronic	17.995	18.045
STMicroelectronics	14-08-18	13:32-15:30			17.89	14-08-18 14:31	178.9	Other	NA	Electronic	17.89	17.94
STMicroelectronics	17-08-18	09:32-11:30			17.01	17-08-18 10:00	170.1	Other	NA	Electronic	16.96	17.01
STMicroelectronics	17-08-18	13:32-15:30			16.785	17-08-18 14:58	180.55	Other	NA	Electronic	16.785	16.835
STMicroelectronics	21-08-18	13:32-15:30			17.185	21-08-18 14:41	178.9	Other	NA	Electronic	17.135	17.185
STMicroelectronics	23-08-18	11:32-13:30			17.06	23-08-18 12:29	170.1	Other	NA	Electronic	17.06	17.105
STMicroelectronics	24-08-18	11:32-13:30			17.275	24-08-18 12:22	172.75	Other	NA	Electronic	17.225	17.275
STMicroelectronics	24-08-18	13:32-15:30			17.375	24-08-18 14:52	172.75	Other	NA	Electronic	17.375	17.42
STMicroelectronics	28-08-18	11:32-13:30			17.88	28-08-18 11:53	178.8	Other	NA	Electronic	17.83	17.88
STMicroelectronics	29-08-18	13:32-15:30			17.78	29-08-18 15:12	179.1	Other	NA	Electronic	17.78	17.83
STMicroelectronics	04-09-18	09:32-11:30			17.315	04-09-18 10:25	173.15	Other	NA	Electronic	17.315	17.365
STMicroelectronics	04-09-18	11:32-13:30			17.17	04-09-18 12:06	176	Other	NA	Electronic	17.17	17.225



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STMicroelectronics	05-09-18	09:32-11:30			16.735	05-09-18 10:04	167.35	Other	NA	Electronic	16.69	16.735
STMicroelectronics	05-09-18	11:32-13:30			16.815	05-09-18 11:45	168.15	Other	NA	Electronic	16.76	16.815
STMicroelectronics	05-09-18	13:30-13:32	16.705	169.55								
STMicroelectronics	07-09-18	11:32-13:30			16.04	07-09-18 12:09	168.6	Other	NA	Electronic	15.99	16.04
STMicroelectronics	07-09-18	13:32-15:30			16.185	07-09-18 14:12	159.65	Other	NA	Electronic	16.13	16.185
STMicroelectronics	10-09-18	09:32-11:30			16.14	10-09-18 10:34	159.3	Other	NA	Electronic	16.09	16.14
STMicroelectronics	10-09-18	13:32-15:30			16.255	10-09-18 13:34	162.55	Other	NA	Electronic	16.255	16.31
STMicroelectronics	12-09-18	09:32-11:30			15.835	12-09-18 09:37	158.35	Other	NA	Electronic	15.835	15.89
STMicroelectronics	12-09-18	11:32-13:30			15.76	12-09-18 13:12	178.8	Other	NA	Electronic	15.76	15.81
STMicroelectronics	12-09-18	13:32-15:30			15.575	12-09-18 13:42	159	Other	NA	Electronic	15.575	15.63
STMicroelectronics	17-09-18	09:32-11:30			15.57	17-09-18 10:48	155.7	Other	NA	Electronic	15.57	15.62
STMicroelectronics	27-09-18	13:32-15:30			15.72	27-09-18 13:48	158.9	Other	NA	Electronic	15.72	15.765
STMicroelectronics	28-09-18	11:32-13:30			15.635	28-09-18 11:45	151.75	Other	NA	Electronic	15.635	15.685
STMicroelectronics	28-09-18	13:32-15:30			15.74	28-09-18 14:35	156.1	Other	NA	Electronic	15.69	15.74
Stora Enso	06-09-18	09:32-11:30			15.561	06-09-18 09:48	155.61	Other	NA	Electronic	15.52	15.561

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Storebrand	14-08-18	09:32-11:30			72.566	14-08-18 10:09	148.9475904	Other	NA	Electronic	72.375	72.566
Storebrand	16-08-18	09:32-11:30			72.595	16-08-18 10:05	148.9475904	Other	NA	Electronic	72.595	72.746
SUG-AR-MAR19	26-09-18	11:32-13:30			0.1102	26-09-18 12:04	969.1320025	Other	NA	Electronic	0.1093	0.1102
SUG-AR-MAR19	27-09-18	09:32-11:30			0.1095	27-09-18 10:11	4814.879958	Other	NA	Electronic	0.1086	0.1095
SUG-AR-MAR19	27-09-18	15:32-17:30			0.1094	27-09-18 16:52	962.0965614	Other	NA	Electronic	0.1085	0.1094
SUG-AR-MAR19	28-09-18	11:32-13:30			0.1095	28-09-18 11:49	962.9759916	Other	NA	Electronic	0.1095	0.1104
SUG-AR-MAR19	28-09-18	13:32-15:30			0.1114	28-09-18 14:32	969.1320025	Other	NA	Electronic	0.1114	0.1123
SUG-AR-MAR19	28-09-18	15:32-17:30			0.1109	28-09-18 16:00	966.4937121	Other	NA	Electronic	0.1109	0.1118
SUG-AR-OCT18	02-07-18	09:32-11:30			0.1212	02-07-18 10:23	1065.869317	Other	NA	Electronic	0.1203	0.1212
SUG-AR-OCT18	02-07-18	11:32-13:30			0.1199	02-07-18 12:03	1054.436725	Other	NA	Electronic	0.119	0.1199
SUG-AR-OCT18	02-07-18	13:30-13:32	0.1168	21317.38633								
SUG-AR-OCT18	03-07-18	13:32-15:30			0.1155	03-07-18 13:55	1015.741799	Other	NA	Electronic	0.1146	0.1155
SUG-AR-OCT18	03-07-18	15:32-17:30			0.1135	03-07-18 16:08	1006.068068	Other	NA	Electronic	0.1126	0.1135
SUG-AR-OCT18	05-07-18	09:32-11:30			0.1145	05-07-18 11:07	1006.947498	Other	NA	Electronic	0.1145	0.1154
SUG-AR-OCT18	05-07-18	11:32-13:30			0.1152	05-07-18 11:56	1013.103509	Other	NA	Electronic	0.1143	0.1152

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SUG-AR-OCT18	05-07-18	13:32-15:30			0.1138	05-07-18 14:15	1000.791487	Other	NA	Electronic	0.1129	0.1138
SUG-AR-OCT18	05-07-18	15:32-17:30			0.1139	05-07-18 15:47	1001.670917	Other	NA	Electronic	0.113	0.1139
SUG-AR-OCT18	06-07-18	13:32-15:30			0.1144	06-07-18 13:59	1001.670917	Other	NA	Electronic	0.1144	0.1153
SUG-AR-OCT18	06-07-18	15:32-17:30			0.1143	06-07-18 15:38	1007.826928	Other	NA	Electronic	0.1143	0.1152
SUG-AR-OCT18	09-07-18	11:32-13:30			0.1166	09-07-18 12:50	1005.188638	Other	NA	Electronic	0.1157	0.1166
SUG-AR-OCT18	10-07-18	11:32-13:30			0.1154	10-07-18 12:35	1014.862369	Other	NA	Electronic	0.1145	0.1154
SUG-AR-OCT18	10-07-18	13:32-15:30			0.1135	10-07-18 13:49	998.1531967	Other	NA	Electronic	0.1135	0.1144
SUG-AR-OCT18	11-07-18	13:32-15:30			0.1125	11-07-18 14:37	1016.621229	Other	NA	Electronic	0.1125	0.1134
SUG-AR-OCT18	11-07-18	15:32-17:30			0.1134	11-07-18 16:15	997.2737666	Other	NA	Electronic	0.1125	0.1134
SUG-AR-OCT18	12-07-18	09:32-11:30			0.1117	12-07-18 10:17	982.3234544	Other	NA	Electronic	0.1108	0.1117
SUG-AR-OCT18	12-07-18	11:32-13:30			0.1116	12-07-18 13:17	981.4440243	Other	NA	Electronic	0.1107	0.1116
SUG-AR-OCT18	12-07-18	13:32-15:30			0.1107	12-07-18 13:39	1029.812681	Other	NA	Electronic	0.1107	0.1116
SUG-AR-OCT18	12-07-18	15:32-17:30			0.1106	12-07-18 15:34	972.649723	Other	NA	Electronic	0.1097	0.1106
SUG-AR-OCT18	13-07-18	11:32-13:30			0.1104	13-07-18 11:45	970.8908627	Other	NA	Electronic	0.1104	0.1113
SUG-AR-OCT18	13-07-18	15:32-17:30			0.1101	13-07-18 16:50	978.8057339	Other	NA	Electronic	0.1092	0.1101

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SUG-AR-OCT18	16-07-18	11:32-13:30			0.1102	16-07-18 12:02	965.6142819	Other	NA	Electronic	0.1102	0.1111
SUG-AR-OCT18	16-07-18	13:32-15:30			0.1112	16-07-18 13:32	977.9263038	Other	NA	Electronic	0.1112	0.1121
SUG-AR-OCT18	16-07-18	15:32-17:30			0.1124	16-07-18 16:04	1976.958931	Other	NA	Electronic	0.1124	0.1133
SUG-AR-OCT18	17-07-18	09:32-11:30			0.1114	17-07-18 11:21	962.0965614	Other	NA	Electronic	0.1114	0.1123
SUG-AR-OCT18	17-07-18	11:32-13:30			0.1113	17-07-18 11:39	988.4794653	Other	NA	Electronic	0.1113	0.1122
SUG-AR-OCT18	17-07-18	13:32-15:30			0.1108	17-07-18 14:05	977.9263038	Other	NA	Electronic	0.1099	0.1108
SUG-AR-OCT18	18-07-18	15:32-17:30			0.1115	18-07-18 16:10	980.5645941	Other	NA	Electronic	0.1106	0.1115
SUG-AR-OCT18	19-07-18	11:32-13:30			0.1103	19-07-18 12:33	970.0114326	Other	NA	Electronic	0.1094	0.1103
SUG-AR-OCT18	20-07-18	09:32-11:30			0.1112	20-07-18 10:43	977.9263038	Other	NA	Electronic	0.1103	0.1112
SUG-AR-OCT18	20-07-18	11:32-13:30			0.1111	20-07-18 12:58	969.1320025	Other	NA	Electronic	0.1111	0.112
SUG-AR-OCT18	20-07-18	15:32-17:30			0.1127	20-07-18 15:40	991.1177557	Other	NA	Electronic	0.1118	0.1127
SUG-AR-OCT18	23-07-18	09:32-11:30			0.1128	23-07-18 10:12	991.9971858	Other	NA	Electronic	0.1119	0.1128
SUG-AR-OCT18	23-07-18	11:32-13:30			0.1116	23-07-18 12:44	981.4440243	Other	NA	Electronic	0.1107	0.1116
SUG-AR-OCT18	23-07-18	13:32-15:30			0.1107	23-07-18 14:59	1982.235511	Other	NA	Electronic	0.1107	0.1116
SUG-AR-OCT18	24-07-18	11:32-13:30			0.112	24-07-18 12:25	981.4440243	Other	NA	Electronic	0.112	0.1129

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SUG-AR-OCT18	24-07-18	15:32-17:30			0.1119	24-07-18 15:39	997.2737666	Other	NA	Electronic	0.1119	0.1128
SUG-AR-OCT18	25-07-18	09:32-11:30			0.1132	25-07-18 11:21	995.5149063	Other	NA	Electronic	0.1123	0.1132
SUG-AR-OCT18	25-07-18	11:32-13:30			0.1129	25-07-18 12:15	987.6000352	Other	NA	Electronic	0.1129	0.1138
SUG-AR-OCT18	25-07-18	13:30-13:32	0.1123	987.6000352								
SUG-AR-OCT18	25-07-18	15:32-17:30			0.1118	25-07-18 16:01	983.2028845	Other	NA	Electronic	0.1109	0.1118
SUG-AR-OCT18	26-07-18	11:32-13:30			0.11	26-07-18 12:16	995.5149063	Other	NA	Electronic	0.11	0.1109
SUG-AR-OCT18	26-07-18	13:32-15:30			0.109	26-07-18 13:56	1013.982939	Other	NA	Electronic	0.109	0.1099
SUG-AR-OCT18	26-07-18	15:32-17:30			0.109	26-07-18 16:14	958.5788409	Other	NA	Electronic	0.1081	0.109
SUG-AR-OCT18	27-07-18	09:32-11:30			0.1095	27-07-18 10:14	977.9263038	Other	NA	Electronic	0.1095	0.1104
SUG-AR-OCT18	27-07-18	11:32-13:30			0.1102	27-07-18 11:37	958.5788409	Other	NA	Electronic	0.1102	0.1111
SUG-AR-OCT18	27-07-18	13:32-15:30			0.1091	27-07-18 15:15	2878.374813	Other	NA	Electronic	0.1082	0.1091
SUG-AR-OCT18	30-07-18	09:32-11:30			0.1087	30-07-18 09:52	955.9405505	Other	NA	Electronic	0.1087	0.1096
SUG-AR-OCT18	30-07-18	11:32-13:30			0.1093	30-07-18 11:54	2883.651394	Other	NA	Electronic	0.1084	0.1093
SUG-AR-OCT18	30-07-18	13:32-15:30			0.1094	30-07-18 14:59	962.0965614	Other	NA	Electronic	0.1085	0.1094
SUG-AR-OCT18	30-07-18	15:32-17:30			0.1085	30-07-18 16:07	962.0965614	Other	NA	Electronic	0.1085	0.1094

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SUG-AR-OCT18	31-07-18	09:32-11:30			0.1079	31-07-18 10:53	948.9051095	Other	NA	Electronic	0.107	0.1079
SUG-AR-OCT18	31-07-18	11:32-13:30			0.1068	31-07-18 12:54	997.2737666	Other	NA	Electronic	0.1068	0.1077
SUG-AR-OCT18	31-07-18	13:32-15:30			0.1077	31-07-18 13:59	9471.462492	Other	NA	Electronic	0.1052	0.1061
SUG-AR-OCT18	31-07-18	15:30-15:32	0.1056	928.6782165								
SUG-AR-OCT18	01-08-18	09:32-11:30			0.105	01-08-18 09:43	948.9051095	Other	NA	Electronic	0.105	0.1059
SUG-AR-OCT18	01-08-18	11:32-13:30			0.1046	01-08-18 12:16	982.3234544	Other	NA	Electronic	0.1046	0.1055
SUG-AR-OCT18	01-08-18	13:32-15:30			0.1047	01-08-18 14:13	920.7633454	Other	NA	Electronic	0.1047	0.1056
SUG-AR-OCT18	01-08-18	15:30-15:32	0.1039	933.0753672								
SUG-AR-OCT18	02-08-18	11:32-13:30			0.1042	02-08-18 12:20	916.3661947	Other	NA	Electronic	0.1033	0.1042
SUG-AR-OCT18	02-08-18	13:32-15:30			0.1044	02-08-18 13:41	916.3661947	Other	NA	Electronic	0.1044	0.1053
SUG-AR-OCT18	03-08-18	11:32-13:30			0.1084	03-08-18 12:36	949.7845396	Other	NA	Electronic	0.1084	0.1093
SUG-AR-OCT18	03-08-18	13:32-15:30			0.1101	03-08-18 14:36	4841.262862	Other	NA	Electronic	0.1092	0.1101
SUG-AR-OCT18	03-08-18	15:32-17:30			0.1082	03-08-18 16:53	4841.262862	Other	NA	Electronic	0.1082	0.1091
SUG-AR-OCT18	06-08-18	09:32-11:30			0.1112	06-08-18 11:28	952.42283	Other	NA	Electronic	0.1103	0.1112
SUG-AR-OCT18	06-08-18	13:32-15:30			0.111	06-08-18 14:40	920.7633454	Other	NA	Electronic	0.1101	0.111

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SUG-AR-OCT18	06-08-18	15:32-17:30			0.1096	06-08-18 16:50	963.8554217	Other	NA	Electronic	0.1096	0.1105
SUG-AR-OCT18	07-08-18	13:32-15:30			0.1096	07-08-18 13:52	927.7987864	Other	NA	Electronic	0.1096	0.1105
SUG-AR-OCT18	09-08-18	11:32-13:30			0.1097	09-08-18 11:45	964.7348518	Other	NA	Electronic	0.1088	0.1097
SUG-AR-OCT18	09-08-18	13:30-13:32	0.1086	964.7348518								
SUG-AR-OCT18	10-08-18	09:32-11:30			0.1075	10-08-18 09:33	948.0256794	Other	NA	Electronic	0.1066	0.1075
SUG-AR-OCT18	10-08-18	11:32-13:30			0.1058	10-08-18 13:18	1924.193123	Other	NA	Electronic	0.1058	0.1067
SUG-AR-OCT18	10-08-18	13:32-15:30			0.1061	10-08-18 14:05	933.9547973	Other	NA	Electronic	0.1052	0.1061
SUG-AR-OCT18	10-08-18	15:32-17:30			0.1052	10-08-18 16:32	953.3022601	Other	NA	Electronic	0.1043	0.1052
SUG-AR-OCT18	13-08-18	11:32-13:30			0.1037	13-08-18 12:10	923.4016357	Other	NA	Electronic	0.1028	0.1037
SUG-AR-OCT18	14-08-18	09:32-11:30			0.103	14-08-18 10:24	916.3661947	Other	NA	Electronic	0.103	0.1039
SUG-AR-OCT18	14-08-18	11:32-13:30			0.1047	14-08-18 12:26	920.7633454	Other	NA	Electronic	0.1038	0.1047
SUG-AR-OCT18	15-08-18	11:32-13:30			0.1046	15-08-18 12:59	919.8839152	Other	NA	Electronic	0.1037	0.1046
SUG-AR-OCT18	15-08-18	13:32-15:30			0.102	15-08-18 15:24	929.5576466	Other	NA	Electronic	0.102	0.1029
SUG-AR-OCT18	15-08-18	15:32-17:30			0.1018	15-08-18 16:37	911.0896139	Other	NA	Electronic	0.1018	0.1027
SUG-AR-OCT18	20-08-18	09:32-11:30			0.1012	20-08-18 10:59	889.9832908	Other	NA	Electronic	0.1012	0.1021

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SUG-AR-OCT18	20-08-18	11:32-13:30			0.1017	20-08-18 12:12	894.3804415	Other	NA	Electronic	0.1008	0.1017
SUG-AR-OCT18	20-08-18	13:32-15:30			0.1003	20-08-18 13:56	882.0684197	Other	NA	Electronic	0.0994	0.1003
SUG-AR-OCT18	21-08-18	09:32-11:30			0.1006	21-08-18 10:27	884.7067101	Other	NA	Electronic	0.0997	0.1006
SUG-AR-OCT18	21-08-18	11:32-13:30			0.1011	21-08-18 12:26	889.9832908	Other	NA	Electronic	0.1002	0.1011
SUG-AR-OCT18	21-08-18	13:32-15:30			0.102	21-08-18 13:58	897.0187319	Other	NA	Electronic	0.1011	0.102
SUG-AR-OCT18	21-08-18	15:32-17:30			0.1015	21-08-18 16:15	892.6215812	Other	NA	Electronic	0.1006	0.1015
SUG-AR-OCT18	22-08-18	13:32-15:30			0.1012	22-08-18 13:36	889.9832908	Other	NA	Electronic	0.1003	0.1012
SUG-AR-OCT18	22-08-18	15:32-17:30			0.1004	22-08-18 15:39	889.9832908	Other	NA	Electronic	0.0995	0.1004
SUG-AR-OCT18	24-08-18	11:32-13:30			0.1038	24-08-18 12:58	912.8484742	Other	NA	Electronic	0.1029	0.1038
SUG-AR-OCT18	24-08-18	13:32-15:30			0.104	24-08-18 14:05	918.125055	Other	NA	Electronic	0.104	0.1049
SUG-AR-OCT18	24-08-18	15:32-17:30			0.1037	24-08-18 15:37	911.9690441	Other	NA	Electronic	0.1037	0.1046
SUG-AR-OCT18	27-08-18	13:32-15:30			0.1042	27-08-18 13:41	916.3661947	Other	NA	Electronic	0.1033	0.1042
SUG-AR-OCT18	27-08-18	15:32-17:30			0.1056	27-08-18 16:53	911.9690441	Other	NA	Electronic	0.1047	0.1056
SUG-AR-OCT18	28-08-18	11:32-13:30			0.1043	28-08-18 12:30	917.2456248	Other	NA	Electronic	0.1034	0.1043
SUG-AR-OCT18	29-08-18	13:32-15:30			0.103	29-08-18 13:40	912.8484742	Other	NA	Electronic	0.103	0.1039



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SUG-AR-OCT18	30-08-18	09:32-11:30			0.1037	30-08-18 10:50	993.7560461	Other	NA	Electronic	0.1037	0.1046
SUG-AR-OCT18	30-08-18	13:32-15:30			0.104	30-08-18 14:37	911.0896139	Other	NA	Electronic	0.104	0.1049
SUG-AR-OCT18	30-08-18	15:32-17:30			0.104	30-08-18 15:44	914.6073344	Other	NA	Electronic	0.104	0.1049
SUG-AR-OCT18	31-08-18	13:32-15:30			0.1066	31-08-18 13:56	937.4725178	Other	NA	Electronic	0.1066	0.1075
SUG-AR-OCT18	05-09-18	09:32-11:30			0.1064	05-09-18 10:38	937.4725178	Other	NA	Electronic	0.1055	0.1064
SUG-AR-OCT18	05-09-18	13:32-15:30			0.1089	05-09-18 14:11	957.6994108	Other	NA	Electronic	0.1089	0.1098
SUG-AR-OCT18	07-09-18	13:32-15:30			0.1097	07-09-18 13:51	4823.674259	Other	NA	Electronic	0.1088	0.1097
SUG-AR-OCT18	10-09-18	13:32-15:30			0.1119	10-09-18 15:25	984.0823147	Other	NA	Electronic	0.1119	0.1128
SUG-AR-OCT18	10-09-18	15:32-17:30			0.1117	10-09-18 15:59	984.0823147	Other	NA	Electronic	0.1108	0.1117
SUG-AR-OCT18	11-09-18	09:32-11:30			0.112	11-09-18 09:52	1013.103509	Other	NA	Electronic	0.112	0.1129
SUG-AR-OCT18	12-09-18	11:32-13:30			0.1137	12-09-18 12:34	914.6073344	Other	NA	Electronic	0.1128	0.1137
SUG-AR-OCT18	13-09-18	11:32-13:30			0.1167	13-09-18 11:53	1026.294961	Other	NA	Electronic	0.1167	0.1176
SUG-AR-OCT18	13-09-18	13:32-15:30			0.1162	13-09-18 14:44	1021.89781	Other	NA	Electronic	0.1153	0.1162
SUG-AR-OCT18	14-09-18	09:32-11:30			0.1132	14-09-18 10:25	985.8411749	Other	NA	Electronic	0.1132	0.1141
SUG-AR-OCT18	17-09-18	13:32-15:30			0.1082	17-09-18 14:39	9471.462492	Other	NA	Electronic	0.1082	0.1091

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SUG-AR-OCT18	19-09-18	13:32-15:30			0.108	19-09-18 14:01	949.7845396	Other	NA	Electronic	0.1071	0.108
SUG-AR-OCT18	20-09-18	09:30-09:32	0.1099	978.8057339								
SUG-AR-OCT18	20-09-18	11:32-13:30			0.1095	20-09-18 11:38	949.7845396	Other	NA	Electronic	0.1095	0.1104
SUG-AR-OCT18	20-09-18	15:32-17:30			0.1081	20-09-18 16:24	950.6639697	Other	NA	Electronic	0.1081	0.109
SUG-AR-OCT18	21-09-18	15:32-17:30			0.1088	21-09-18 16:11	956.8199807	Other	NA	Electronic	0.1079	0.1088
SUG-AR-OCT18	24-09-18	09:32-11:30			0.1066	24-09-18 10:13	14062.08777	Other	NA	Electronic	0.1057	0.1066
SUG-AR-OCT18	24-09-18	11:32-13:30			0.1049	24-09-18 13:10	922.5222056	Other	NA	Electronic	0.104	0.1049
SUG-AR-OCT18	24-09-18	13:32-15:30			0.1037	24-09-18 14:50	13679.53566	Other	NA	Electronic	0.1028	0.1037
SUG-AR-OCT18	25-09-18	11:32-13:30			0.105	25-09-18 12:03	2770.204907	Other	NA	Electronic	0.1041	0.105
SUG-AR-OCT18	26-09-18	13:32-15:30			0.0999	26-09-18 14:37	1962.888049	Other	NA	Electronic	0.0999	0.1008
SUG-AR-OCT18	26-09-18	15:32-17:30			0.0996	26-09-18 15:32	5179.843461	Other	NA	Electronic	0.0996	0.1005
Sunrise	27-09-18	09:32-11:30			90.14	27-09-18 10:06	797.7555933	Other	NA	Electronic	89.86	90.14
SWI20Cash	02-07-18	11:32-13:30			8,538.00	02-07-18 11:47	7566.907392	Other	NA	Electronic	8,533.00	8,538.00
SWI20Cash	02-07-18	13:32-15:30			8,538.00	02-07-18 13:44	4533.772302	Other	NA	Electronic	8,533.00	8,538.00
SWI20Cash	02-07-18	15:32-17:30			8,522.00	02-07-18 16:56	3769.293401	Other	NA	Electronic	8,522.00	8,527.00

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SWI20Cash	03-07-18	09:32-11:30			8,625.00	03-07-18 09:54	763.3283772	Other	NA	Electronic	8,620.00	8,625.00
SWI20Cash	03-07-18	13:32-15:30			8,626.00	03-07-18 13:41	762.0008496	Other	NA	Electronic	8,626.00	8,631.00
SWI20Cash	03-07-18	15:32-17:30			8,616.00	03-07-18 16:39	7625.318607	Other	NA	Electronic	8,611.00	8,616.00
SWI20Cash	04-07-18	09:32-11:30			8,658.00	04-07-18 09:43	1528.957802	Other	NA	Electronic	8,658.00	8,663.00
SWI20Cash	04-07-18	11:32-13:30			8,658.00	04-07-18 11:42	7672.224582	Other	NA	Electronic	8,658.00	8,663.00
SWI20Cash	04-07-18	13:32-15:30			8,653.00	04-07-18 13:46	7658.064288	Other	NA	Electronic	8,653.00	8,658.00
SWI20Cash	04-07-18	15:32-17:30			8,673.00	04-07-18 15:35	7656.294251	Other	NA	Electronic	8,668.00	8,673.00
SWI20Cash	05-07-18	09:30-09:32	8,696.00	7696.120079								
SWI20Cash	05-07-18	11:32-13:30			8,713.00	05-07-18 12:00	771.3820447	Other	NA	Electronic	8,713.00	8,718.00
SWI20Cash	05-07-18	15:32-17:30			8,690.00	05-07-18 16:04	769.0809969	Other	NA	Electronic	8,685.00	8,690.00
SWI20Cash	06-07-18	13:32-15:30			8,682.00	06-07-18 15:08	768.3729822	Other	NA	Electronic	8,677.00	8,682.00
SWI20Cash	06-07-18	15:32-17:30			8,706.00	06-07-18 16:16	7691.694987	Other	NA	Electronic	8,706.00	8,711.00
SWI20Cash	09-07-18	09:32-11:30			8,749.00	09-07-18 10:19	774.3026055	Other	NA	Electronic	8,744.00	8,749.00
SWI20Cash	09-07-18	11:32-13:30			8,731.00	09-07-18 12:00	774.3026055	Other	NA	Electronic	8,731.00	8,736.00
SWI20Cash	09-07-18	13:32-15:30			8,760.00	09-07-18 15:04	7752.761257	Other	NA	Electronic	8,755.00	8,760.00

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SWI20Cash	10-07-18	09:32-11:30			8,786.00	10-07-18 11:10	777.5771736	Other	NA	Electronic	8,781.00	8,786.00
SWI20Cash	10-07-18	11:32-13:30			8,788.00	10-07-18 13:01	777.7541773	Other	NA	Electronic	8,783.00	8,788.00
SWI20Cash	10-07-18	13:32-15:30			8,789.00	10-07-18 13:42	777.5771736	Other	NA	Electronic	8,789.00	8,794.00
SWI20Cash	10-07-18	15:32-17:30			8,775.00	10-07-18 16:12	15532.07307	Other	NA	Electronic	8,770.00	8,775.00
SWI20Cash	11-07-18	09:32-11:30			8,692.00	11-07-18 10:25	767.8419711	Other	NA	Electronic	8,692.00	8,697.00
SWI20Cash	11-07-18	11:32-13:30			8,698.00	11-07-18 12:43	1538.870008	Other	NA	Electronic	8,698.00	8,703.00
SWI20Cash	11-07-18	13:32-15:30			8,695.00	11-07-18 13:36	769.5235061	Other	NA	Electronic	8,690.00	8,695.00
SWI20Cash	11-07-18	15:32-17:30			8,671.00	11-07-18 17:05	767.3994619	Other	NA	Electronic	8,671.00	8,676.00
SWI20Cash	12-07-18	09:32-11:30			8,727.00	12-07-18 09:32	7723.55565	Other	NA	Electronic	8,722.00	8,727.00
SWI20Cash	12-07-18	13:32-15:30			8,819.00	12-07-18 15:05	766.248938	Other	NA	Electronic	8,814.00	8,819.00
SWI20Cash	13-07-18	09:32-11:30			8,829.00	13-07-18 10:08	764.4789012	Other	NA	Electronic	8,829.00	8,834.00
SWI20Cash	13-07-18	11:32-13:30			8,855.00	13-07-18 13:13	5485.786604	Other	NA	Electronic	8,855.00	8,860.00
SWI20Cash	13-07-18	13:32-15:30			8,862.00	13-07-18 13:40	7668.684509	Other	NA	Electronic	8,862.00	8,867.00
SWI20Cash	17-07-18	09:32-11:30			8,805.00	17-07-18 10:06	7792.587086	Other	NA	Electronic	8,805.00	8,810.00
SWI20Cash	17-07-18	11:32-13:30			8,798.00	17-07-18 13:21	7841.263098	Other	NA	Electronic	8,793.00	8,798.00

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SWI20Cash	18-07-18	09:32-11:30			8,890.00	18-07-18 09:51	15725.00708	Other	NA	Electronic	8,890.00	8,895.00
SWI20Cash	18-07-18	11:32-13:30			8,891.00	18-07-18 12:38	786.8698669	Other	NA	Electronic	8,891.00	8,896.00
SWI20Cash	18-07-18	13:32-15:30			8,927.00	18-07-18 14:31	8063.402719	Other	NA	Electronic	8,927.00	8,932.00
SWI20Cash	19-07-18	09:32-11:30			8,961.00	19-07-18 11:17	7930.649958	Other	NA	Electronic	8,956.00	8,961.00
SWI20Cash	19-07-18	11:32-13:30			8,959.00	19-07-18 11:53	15827.66922	Other	NA	Electronic	8,959.00	8,964.00
SWI20Cash	19-07-18	13:32-15:30			8,923.00	19-07-18 14:52	8014.726706	Other	NA	Electronic	8,923.00	8,928.00
SWI20Cash	20-07-18	09:32-11:30			8,980.00	20-07-18 09:54	7947.465307	Other	NA	Electronic	8,980.00	8,985.00
SWI20Cash	20-07-18	11:32-13:30			8,960.00	20-07-18 12:06	7929.764939	Other	NA	Electronic	8,960.00	8,965.00
SWI20Cash	20-07-18	13:32-15:30			8,950.00	20-07-18 13:43	7920.914755	Other	NA	Electronic	8,950.00	8,955.00
SWI20Cash	20-07-18	15:32-17:30			8,982.00	20-07-18 15:45	794.569527	Other	NA	Electronic	8,982.00	8,987.00
SWI20Cash	24-07-18	09:32-11:30			9,011.00	24-07-18 09:39	786.8698669	Other	NA	Electronic	9,007.00	9,012.00
SWI20Cash	24-07-18	11:32-13:30			8,999.00	24-07-18 12:28	796.4280657	Other	NA	Electronic	8,999.00	9,004.00
SWI20Cash	24-07-18	13:32-15:30			9,008.00	24-07-18 14:15	796.251062	Other	NA	Electronic	9,008.00	9,013.00
SWI20Cash	25-07-18	09:32-11:30			9,003.00	25-07-18 09:55	1593.564146	Other	NA	Electronic	9,003.00	9,008.00
SWI20Cash	25-07-18	11:30-11:32	9,002.00	3987.450439								

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SWI20Cash	25-07-18	13:32-15:30			8,998.00	25-07-18 14:43	1592.679128	Other	NA	Electronic	8,998.00	9,003.00
SWI20Cash	26-07-18	09:32-11:30			9,115.00	26-07-18 09:47	8053.667516	Other	NA	Electronic	9,115.00	9,120.00
SWI20Cash	26-07-18	11:32-13:30			9,117.00	26-07-18 11:35	24206.13849	Other	NA	Electronic	9,112.00	9,117.00
SWI20Cash	26-07-18	15:32-17:30			9,130.00	26-07-18 16:08	24206.13849	Other	NA	Electronic	9,130.00	9,135.00
SWI20Cash	27-07-18	09:32-11:30			9,164.00	27-07-18 09:38	811.0308694	Other	NA	Electronic	9,159.00	9,164.00
SWI20Cash	27-07-18	11:32-13:30			9,176.00	27-07-18 11:53	811.0308694	Other	NA	Electronic	9,176.00	9,181.00
SWI20Cash	27-07-18	15:32-17:30			9,156.00	27-07-18 16:15	810.3228547	Other	NA	Electronic	9,156.00	9,161.00
SWI20Cash	30-07-18	09:32-11:30			9,194.00	30-07-18 09:55	810.0573492	Other	NA	Electronic	9,189.00	9,194.00
SWI20Cash	30-07-18	13:32-15:30			9,163.00	30-07-18 15:03	810.9423676	Other	NA	Electronic	9,163.00	9,168.00
SWI20Cash	31-07-18	11:32-13:30			9,193.00	31-07-18 11:51	24407.92268	Other	NA	Electronic	9,188.00	9,193.00
SWI20Cash	02-08-18	09:32-11:30			9,134.00	02-08-18 10:09	810.3228547	Other	NA	Electronic	9,129.00	9,134.00
SWI20Cash	02-08-18	11:30-11:32	9,147.50	1622.681252								
SWI20Cash	02-08-18	13:32-15:30			9,155.00	02-08-18 14:13	812.2698952	Other	NA	Electronic	9,150.00	9,155.00
SWI20Cash	03-08-18	09:32-11:30			9,174.00	03-08-18 09:56	8119.158879	Other	NA	Electronic	9,169.00	9,174.00
SWI20Cash	03-08-18	11:32-13:30			9,152.00	03-08-18 12:26	8099.688474	Other	NA	Electronic	9,152.00	9,157.00

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SWI20Cash	03-08-18	13:32-15:30			9,135.00	03-08-18 14:18	2425.392948	Other	NA	Electronic	9,135.00	9,140.00
SWI20Cash	06-08-18	09:32-11:30			9,174.00	06-08-18 11:25	8119.158879	Other	NA	Electronic	9,174.00	9,179.00
SWI20Cash	06-08-18	11:32-13:30			9,164.00	06-08-18 11:38	8119.158879	Other	NA	Electronic	9,159.00	9,164.00
SWI20Cash	06-08-18	13:32-15:30			9,154.00	06-08-18 15:23	8101.45851	Other	NA	Electronic	9,154.00	9,159.00
SWI20Cash	06-08-18	15:32-17:30			9,154.00	06-08-18 15:32	8101.45851	Other	NA	Electronic	9,149.00	9,154.00
SWI20Cash	07-08-18	11:32-13:30			9,188.00	07-08-18 11:50	8131.549136	Other	NA	Electronic	9,188.00	9,193.00
SWI20Cash	08-08-18	11:32-13:30			9,169.00	08-08-18 12:01	811.4733786	Other	NA	Electronic	9,169.00	9,174.00
SWI20Cash	08-08-18	13:32-15:30			9,152.00	08-08-18 13:46	809.9688474	Other	NA	Electronic	9,152.00	9,157.00
SWI20Cash	09-08-18	09:30-09:32	9,153.50	16200.26197								
SWI20Cash	09-08-18	11:32-13:30			9,140.00	09-08-18 11:51	810.3228547	Other	NA	Electronic	9,135.00	9,140.00
SWI20Cash	09-08-18	13:32-15:30			9,151.00	09-08-18 13:33	8101.45851	Other	NA	Electronic	9,151.00	9,156.00
SWI20Cash	13-08-18	11:32-13:30			9,005.00	13-08-18 13:24	796.9590767	Other	NA	Electronic	9,000.00	9,005.00
SWI20Cash	14-08-18	11:32-13:30			9,007.00	14-08-18 11:54	796.6935712	Other	NA	Electronic	9,007.00	9,012.00
SWI20Cash	14-08-18	13:32-15:30			9,007.00	14-08-18 13:32	794.2155197	Other	NA	Electronic	9,002.00	9,007.00
SWI20Cash	15-08-18	13:32-15:30			8,898.00	15-08-18 14:59	7981.096007	Other	NA	Electronic	8,898.00	8,903.00

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SWI20Cash	16-08-18	11:32-13:30			8,954.00	16-08-18 11:42	792.4454829	Other	NA	Electronic	8,949.00	8,954.00
SWI20Cash	20-08-18	13:32-15:30			9,069.00	20-08-18 14:50	802.6231946	Other	NA	Electronic	9,064.00	9,069.00
SWI20Cash	21-08-18	11:32-13:30			9,088.00	21-08-18 11:55	803.0657038	Other	NA	Electronic	9,088.00	9,093.00
SWI20Cash	21-08-18	15:32-17:30			9,098.00	21-08-18 16:54	802.6231946	Other	NA	Electronic	9,098.00	9,103.00
SWI20Cash	22-08-18	09:32-11:30			9,071.00	22-08-18 11:29	802.8001982	Other	NA	Electronic	9,066.00	9,071.00
SWI20Cash	22-08-18	11:32-13:30			9,068.00	22-08-18 11:43	802.5346927	Other	NA	Electronic	9,063.00	9,068.00
SWI20Cash	22-08-18	13:32-15:30			9,053.00	22-08-18 14:07	801.2071651	Other	NA	Electronic	9,048.00	9,053.00
SWI20Cash	27-08-18	11:32-13:30			9,080.00	27-08-18 13:23	803.5967148	Other	NA	Electronic	9,075.00	9,080.00
SWI20Cash	27-08-18	13:32-15:30			9,100.00	27-08-18 14:11	803.5967148	Other	NA	Electronic	9,100.00	9,105.00
SWI20Cash	28-08-18	13:32-15:30			9,093.00	28-08-18 15:12	801.2071651	Other	NA	Electronic	9,093.00	9,098.00
SWI20Cash	29-08-18	11:32-13:30			9,084.00	29-08-18 12:11	802.2691872	Other	NA	Electronic	9,084.00	9,089.00
SWI20Cash	29-08-18	13:32-15:30			9,052.00	29-08-18 14:00	801.1186633	Other	NA	Electronic	9,047.00	9,052.00
SWI20Cash	29-08-18	15:32-17:30			9,083.00	29-08-18 16:52	801.1186633	Other	NA	Electronic	9,083.00	9,088.00
SWI20Cash	30-08-18	09:32-11:30			9,057.00	30-08-18 11:25	799.7911357	Other	NA	Electronic	9,057.00	9,062.00
SWI20Cash	04-09-18	15:32-17:30			8,941.00	04-09-18 15:40	791.2949589	Other	NA	Electronic	8,941.00	8,946.00



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SWI20Cash	05-09-18	13:32-15:30			8,880.00	05-09-18 14:53	1571.792693	Other	NA	Electronic	8,875.00	8,880.00
SWI20Cash	05-09-18	15:32-17:30			8,887.00	05-09-18 16:37	789.0824129	Other	NA	Electronic	8,882.00	8,887.00
SWI20Cash	07-09-18	09:32-11:30			8,821.00	07-09-18 10:19	791.2949589	Other	NA	Electronic	8,816.00	8,821.00
SWI20Cash	07-09-18	13:32-15:30			8,821.00	07-09-18 13:40	780.674738	Other	NA	Electronic	8,816.00	8,821.00
SWI20Cash	10-09-18	15:32-17:30			8,936.00	10-09-18 17:06	784.6573209	Other	NA	Electronic	8,936.00	8,941.00
SWI20Cash	14-09-18	15:32-17:30			8,945.00	14-09-18 16:24	792.8879921	Other	NA	Electronic	8,940.00	8,945.00
SWI20Cash	18-09-18	09:32-11:30			8,925.00	18-09-18 11:06	15797.57859	Other	NA	Electronic	8,925.00	8,930.00
SWI20Cash	18-09-18	11:32-13:30			8,909.00	18-09-18 12:57	788.4629	Other	NA	Electronic	8,904.00	8,909.00
SWI20Cash	18-09-18	13:32-15:30			8,917.00	18-09-18 13:49	788.4629	Other	NA	Electronic	8,917.00	8,922.00
SWI20Cash	18-09-18	15:32-17:30			8,938.00	18-09-18 17:20	15806.42877	Other	NA	Electronic	8,938.00	8,943.00
SWI20Cash	19-09-18	11:32-13:30			8,912.00	19-09-18 12:07	23691.05777	Other	NA	Electronic	8,907.00	8,912.00
SWI20Cash	19-09-18	13:32-15:30			8,939.00	19-09-18 14:20	23709.64316	Other	NA	Electronic	8,939.00	8,944.00
SWI20Cash	20-09-18	09:32-11:30			8,985.00	20-09-18 09:49	2376.274427	Other	NA	Electronic	8,985.00	8,990.00
SWI20Cash	21-09-18	11:32-13:30			9,002.00	21-09-18 12:24	796.6935712	Other	NA	Electronic	9,002.00	9,007.00
SWI20Cash	21-09-18	15:32-17:30			9,006.00	21-09-18 15:43	7970.475786	Other	NA	Electronic	9,001.00	9,006.00

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SWI20Cash	24-09-18	09:32-11:30			8,967.00	24-09-18 09:37	796.6935712	Other	NA	Electronic	8,962.00	8,967.00
SWI20Cash	24-09-18	13:32-15:30			8,948.00	24-09-18 14:27	793.8615123	Other	NA	Electronic	8,943.00	8,948.00
SWI20Cash	25-09-18	09:32-11:30			9,005.00	25-09-18 10:43	796.9590767	Other	NA	Electronic	9,005.00	9,010.00
SWI20Cash	25-09-18	11:32-13:30			9,012.00	25-09-18 12:25	2373.353866	Other	NA	Electronic	9,012.00	9,017.00
SWI20Cash	26-09-18	09:32-11:30			9,034.00	26-09-18 09:40	23667.16228	Other	NA	Electronic	9,029.00	9,034.00
SWI20Cash	26-09-18	11:32-13:30			9,040.00	26-09-18 13:08	800.0566412	Other	NA	Electronic	9,035.00	9,040.00
SWI20Cash	27-09-18	11:32-13:30			9,064.00	27-09-18 13:02	802.1806854	Other	NA	Electronic	9,059.00	9,064.00
SWI20Cash	27-09-18	13:32-15:30			9,077.00	27-09-18 13:55	802.1806854	Other	NA	Electronic	9,077.00	9,082.00
SWI20-SEP18	04-07-18	11:32-13:30			8,628.00	04-07-18 13:20	763.5938828	Other	NA	Electronic	8,628.00	8,634.00
SWI20-SEP18	04-07-18	13:30-13:32	8,626.00	763.5938828								
SWI20-SEP18	04-07-18	15:32-17:30			8,650.00	04-07-18 15:39	765.5409233	Other	NA	Electronic	8,644.00	8,650.00
SWI20-SEP18	18-07-18	09:32-11:30			8,864.00	18-07-18 11:03	23534.40952	Other	NA	Electronic	8,858.00	8,864.00
SWI20-SEP18	18-07-18	11:32-13:30			8,867.00	18-07-18 11:39	23534.40952	Other	NA	Electronic	8,867.00	8,873.00
SWI20-SEP18	18-07-18	15:32-17:30			8,917.00	18-07-18 17:08	789.1709148	Other	NA	Electronic	8,911.00	8,917.00
SWI20-SEP18	25-07-18	11:32-13:30			8,970.00	25-07-18 11:45	7938.615123	Other	NA	Electronic	8,970.00	8,976.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
SWI20-SEP18	25-07-18	13:32-15:30			8,974.00	25-07-18 13:33	7938.615123	Other	NA	Electronic	8,968.00	8,974.00
SWI20-SEP18	27-07-18	13:32-15:30			9,148.00	27-07-18 13:56	809.61484	Other	NA	Electronic	9,142.00	9,148.00
SWI20-SEP18	30-07-18	13:32-15:30			9,157.00	30-07-18 13:32	809.61484	Other	NA	Electronic	9,157.00	9,163.00
Swiss Re	04-07-18	09:32-11:30			86.88	04-07-18 10:54	768.9039932	Other	NA	Electronic	86.65	86.88
Symantec	03-07-18	13:32-15:30			20.91	03-07-18 14:33	171.8406473	Other	NA	Electronic	20.91	20.97
Symantec	10-07-18	13:32-15:30			21.31	10-07-18 13:45	187.4065605	Other	NA	Electronic	21.31	21.37
Symantec	12-07-18	13:32-15:30			21.5	12-07-18 13:48	560.9005365	Other	NA	Electronic	21.5	21.56
Symantec	19-07-18	15:32-17:30			21.55	19-07-18 16:00	190.572509	Other	NA	Electronic	21.49	21.55
Symantec	24-07-18	13:32-15:30			21.14	24-07-18 13:45	185.9115293	Other	NA	Electronic	21.07	21.14
Symantec	31-07-18	13:32-15:30			20.14	31-07-18 13:42	185.9115293	Other	NA	Electronic	20.14	20.22
Symantec	03-08-18	13:32-15:30			18.07	03-08-18 13:40	158.9130244	Other	NA	Electronic	18.01	18.07
Symantec	03-08-18	15:32-17:30			18.69	03-08-18 16:50	3287.309823	Other	NA	Electronic	18.63	18.69
Symantec	08-08-18	15:32-17:30			19.4	08-08-18 15:34	341.2188902	Other	NA	Electronic	19.4	19.46
Symantec	15-08-18	13:32-15:30			18.58	15-08-18 13:50	341.2188902	Other	NA	Electronic	18.52	18.58
Symantec	24-09-18	13:32-15:30			21.67	24-09-18 14:21	190.572509	Other	NA	Electronic	21.61	21.67

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Symantec	25-09-18	13:32-15:30			21.47	25-09-18 14:31	190.572509	Other	NA	Electronic	21.47	21.54
Synchrony Financial	16-07-18	13:32-15:30			32.73	16-07-18 15:27	287.8374813	Other	NA	Electronic	32.67	32.73
Synchrony Financial	16-07-18	15:32-17:30			32.58	16-07-18 16:06	287.8374813	Other	NA	Electronic	32.58	32.64
Taiwan-Semi-conductor	24-09-18	13:32-15:30			44.15	24-09-18 14:43	388.2684021	Other	NA	Electronic	44.15	44.21
Taiwan-Semi-conductor	28-09-18	13:32-15:30			44.27	28-09-18 14:29	389.3237182	Other	NA	Electronic	44.27	44.33
Target	25-09-18	13:32-15:30			87.51	25-09-18 13:46	769.5893061	Other	NA	Electronic	87.41	87.51
Taylor Wimpey	04-07-18	13:32-15:30			1.738	04-07-18 15:13	96.44517941	Other	NA	Electronic	1.738	1.742
Taylor Wimpey	05-07-18	11:32-13:30			1.722	05-07-18 12:08	191.1146133	Other	NA	Electronic	1.722	1.727
Taylor Wimpey	06-07-18	09:32-11:30			1.732	06-07-18 10:02	96.44517941	Other	NA	Electronic	1.727	1.732
Taylor Wimpey	30-07-18	13:32-15:30			1.736	30-07-18 13:52	19.26683906	Other	NA	Electronic	1.731	1.736
Taylor Wimpey	03-08-18	09:32-11:30			1.708	03-08-18 10:16	287.3378245	Other	NA	Electronic	1.704	1.708
Taylor Wimpey	13-08-18	09:32-11:30			1.693	13-08-18 10:02	187.8960745	Other	NA	Electronic	1.693	1.697
Taylor Wimpey	16-08-18	13:32-15:30			1.696	16-08-18 13:38	191.1146133	Other	NA	Electronic	1.692	1.696
Taylor Wimpey	07-09-18	13:32-15:30			1.648	07-09-18 14:36	128.0312531	Other	NA	Electronic	1.648	1.652
Taylor Wimpey	28-09-18	09:32-11:30			1.72	28-09-18 11:03	128.0312531	Other	NA	Electronic	1.715	1.72

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Teekay	03-07-18	13:32-15:30			8.03	03-07-18 13:42	68.85937912	Other	NA	Electronic	7.95	8.03
Teekay	03-07-18	15:32-17:30			7.83	03-07-18 16:04	68.85937912	Other	NA	Electronic	7.83	7.89
Teekay	12-07-18	15:32-17:30			7.59	12-07-18 17:27	200.2462404	Other	NA	Electronic	7.53	7.59
Teekay	13-07-18	13:32-15:30			7.55	13-07-18 15:05	132.7939495	Other	NA	Electronic	7.49	7.55
Teekay	01-08-18	13:32-15:30			6.8	01-08-18 13:58	132.7939495	Other	NA	Electronic	6.8	6.89
Teekay	06-08-18	15:32-17:30			6.94	06-08-18 16:13	122.0649019	Other	NA	Electronic	6.87	6.94
Teekay	07-08-18	15:30-15:32	6.94	122.0649019								
Teekay	08-08-18	13:32-15:30			6.9	08-08-18 13:48	121.3613578	Other	NA	Electronic	6.9	6.97
Teekay	09-08-18	13:32-15:30			6.93	09-08-18 13:44	200.2462404	Other	NA	Electronic	6.93	7
Teekay	16-08-18	15:32-17:30			6.74	16-08-18 17:25	59.27359071	Other	NA	Electronic	6.68	6.74
Teekay	21-08-18	13:32-15:30			6.97	21-08-18 14:09	293.2899481	Other	NA	Electronic	6.97	7.03
Teekay	23-08-18	13:32-15:30			7	23-08-18 14:38	304.7225398	Other	NA	Electronic	7	7.06
Teekay	24-08-18	15:32-17:30			7.03	24-08-18 17:22	309.1196904	Other	NA	Electronic	6.97	7.03
Teekay	30-08-18	13:32-15:30			6.94	30-08-18 13:40	309.1196904	Other	NA	Electronic	6.94	7.01
Teekay	30-08-18	15:32-17:30			6.89	30-08-18 16:38	60.59273591	Other	NA	Electronic	6.83	6.89

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Teekay	31-08-18	15:32-17:30			6.75	31-08-18 16:08	304.7225398	Other	NA	Electronic	6.75	6.81
Teekay	04-09-18	13:32-15:30			6.87	04-09-18 15:01	1197.783836	Other	NA	Electronic	6.87	6.93
Teekay	04-09-18	15:32-17:30			6.77	04-09-18 15:38	2994.45959	Other	NA	Electronic	6.77	6.83
Teekay	07-09-18	13:32-15:30			6.32	07-09-18 15:02	3890.598892	Other	NA	Electronic	6.26	6.32
Teekay	07-09-18	15:32-17:30			6.34	07-09-18 15:54	3890.598892	Other	NA	Electronic	6.34	6.4
Teekay	10-09-18	13:32-15:30			6.38	10-09-18 13:49	1108.081963	Other	NA	Electronic	6.38	6.46
Telecom Italia	03-07-18	11:32-13:30			0.6512	03-07-18 13:09	6.474	Other	NA	Electronic	0.6512	0.653
Telecom Italia	04-07-18	09:32-11:30			0.6594	04-07-18 11:21	32.97	Other	NA	Electronic	0.6576	0.6594
Telecom Italia	04-07-18	11:32-13:30			0.6582	04-07-18 12:03	13.164	Other	NA	Electronic	0.6562	0.6582
Telecom Italia	04-07-18	13:32-15:30			0.6534	04-07-18 14:53	52.688	Other	NA	Electronic	0.6534	0.6552
Telecom Italia	05-07-18	11:32-13:30			0.6556	05-07-18 11:33	72.116	Other	NA	Electronic	0.6536	0.6556
Telecom Italia	09-07-18	09:32-11:30			0.652	09-07-18 10:10	13.04	Other	NA	Electronic	0.652	0.654
Telecom Italia	09-07-18	11:32-13:30			0.6534	09-07-18 11:46	13.068	Other	NA	Electronic	0.6516	0.6534
Telecom Italia	10-07-18	09:32-11:30			0.6398	10-07-18 10:23	255.92	Other	NA	Electronic	0.638	0.6398
Telecom Italia	11-07-18	09:30-09:32	0.6282	62.82								

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Telecom Italia	11-07-18	13:32-15:30			0.6344	11-07-18 14:57	63.44	Other	NA	Electronic	0.6326	0.6344
Telecom Italia	12-07-18	09:32-11:30			0.621	12-07-18 09:53	31.05	Other	NA	Electronic	0.621	0.6228
Telecom Italia	12-07-18	11:32-13:30			0.6204	12-07-18 11:43	31.05	Other	NA	Electronic	0.6186	0.6204
Telecom Italia	12-07-18	13:32-15:30			0.6164	12-07-18 14:50	62.82	Other	NA	Electronic	0.6164	0.6182
Telecom Italia	13-07-18	09:32-11:30			0.6176	13-07-18 09:33	6.176	Other	NA	Electronic	0.6156	0.6176
Telecom Italia	13-07-18	11:32-13:30			0.6104	13-07-18 12:26	6.124	Other	NA	Electronic	0.6086	0.6104
Telecom Italia	16-07-18	11:32-13:30			0.6106	16-07-18 11:57	6.106	Other	NA	Electronic	0.6088	0.6106
Telecom Italia	16-07-18	13:32-15:30			0.6092	16-07-18 15:07	351	Other	NA	Electronic	0.6092	0.6112
Telecom Italia	17-07-18	09:32-11:30			0.6022	17-07-18 09:55	6.022	Other	NA	Electronic	0.6022	0.604
Telecom Italia	17-07-18	13:32-15:30			0.6048	17-07-18 14:11	6.048	Other	NA	Electronic	0.6048	0.6066
Telecom Italia	18-07-18	09:32-11:30			0.602	18-07-18 10:34	6.048	Other	NA	Electronic	0.6002	0.602
Telecom Italia	18-07-18	11:32-13:30			0.5984	18-07-18 11:41	6.002	Other	NA	Electronic	0.5984	0.6002
Telecom Italia	18-07-18	13:32-15:30			0.6048	18-07-18 14:45	60.48	Other	NA	Electronic	0.603	0.6048
Telecom Italia	19-07-18	09:32-11:30			0.6018	19-07-18 10:11	120.36	Other	NA	Electronic	0.6	0.6018
Telecom Italia	19-07-18	13:32-15:30			0.605	19-07-18 13:38	60.24	Other	NA	Electronic	0.605	0.6068

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Telecom Italia	20-07-18	13:32-15:30			0.603	20-07-18 15:22	120.6	Other	NA	Electronic	0.601	0.603
Telecom Italia	23-07-18	13:32-15:30			0.6008	23-07-18 13:38	30.04	Other	NA	Electronic	0.5988	0.6008
Telecom Italia	25-07-18	09:32-11:30			0.6118	25-07-18 10:05	6.118	Other	NA	Electronic	0.6098	0.6118
Telecom Italia	25-07-18	11:32-13:30			0.6152	25-07-18 11:50	6.106	Other	NA	Electronic	0.6152	0.6172
Telecom Italia	25-07-18	13:32-15:30			0.6236	25-07-18 13:32	93.54	Other	NA	Electronic	0.6214	0.6236
Telecom Italia	27-07-18	11:32-13:30			0.6506	27-07-18 12:53	194.34	Other	NA	Electronic	0.6506	0.6526
Telecom Italia	30-07-18	09:32-11:30			0.6536	30-07-18 09:54	6.044	Other	NA	Electronic	0.6536	0.6554
Telecom Italia	31-07-18	11:32-13:30			0.6612	31-07-18 13:21	6.48	Other	NA	Electronic	0.6612	0.663
Telecom Italia	31-07-18	13:32-15:30			0.66	31-07-18 15:14	93.54	Other	NA	Electronic	0.66	0.662
Telecom Italia	01-08-18	11:32-13:30			0.6474	01-08-18 12:30	1059.1	Other	NA	Electronic	0.6474	0.6494
Telecom Italia	01-08-18	13:32-15:30			0.647	01-08-18 14:00	90.18	Other	NA	Electronic	0.647	0.649
Telecom Italia	03-08-18	09:32-11:30			0.6414	03-08-18 11:23	6.402	Other	NA	Electronic	0.6414	0.6434
Telecom Italia	09-08-18	13:32-15:30			0.6308	09-08-18 15:15	6.308	Other	NA	Electronic	0.629	0.6308
Telecom Italia	13-08-18	13:32-15:30			0.6108	13-08-18 14:34	61.08	Other	NA	Electronic	0.6088	0.6108
Telecom Italia	16-08-18	09:32-11:30			0.6074	16-08-18 11:15	6.102	Other	NA	Electronic	0.6074	0.6092



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Telecom Italia	17-08-18	09:32-11:30			0.6052	17-08-18 10:16	66.946	Other	NA	Electronic	0.6052	0.6072
Telecom Italia	17-08-18	13:32-15:30			0.6012	17-08-18 13:44	192.384	Other	NA	Electronic	0.5994	0.6012
Telecom Italia	21-08-18	09:32-11:30			0.6126	21-08-18 09:47	91.89	Other	NA	Electronic	0.6108	0.6126
Telecom Italia	22-08-18	11:32-13:30			0.614	22-08-18 13:13	6.14	Other	NA	Electronic	0.6122	0.614
Telecom Italia	24-08-18	13:32-15:30			0.5998	24-08-18 14:11	6.308	Other	NA	Electronic	0.5998	0.6016
Telecom Italia	27-08-18	13:32-15:30			0.6014	27-08-18 14:06	6.014	Other	NA	Electronic	0.5994	0.6014
Telecom Italia	28-08-18	09:32-11:30			0.5932	28-08-18 10:08	237.28	Other	NA	Electronic	0.5912	0.5932
Telecom Italia	31-08-18	13:32-15:30			0.5494	31-08-18 15:14	5.494	Other	NA	Electronic	0.5476	0.5494
Telecom Italia	03-09-18	11:32-13:30			0.5514	03-09-18 11:57	5.496	Other	NA	Electronic	0.5514	0.5532
Telecom Italia	04-09-18	13:32-15:30			0.5214	04-09-18 13:43	27.72	Other	NA	Electronic	0.5214	0.5232
Telecom Italia	05-09-18	09:32-11:30			0.5328	05-09-18 10:54	5.328	Other	NA	Electronic	0.531	0.5328
Telecom Italia	05-09-18	13:32-15:30			0.527	05-09-18 13:56	52.7	Other	NA	Electronic	0.5252	0.527
Telecom Italia	06-09-18	11:32-13:30			0.5254	06-09-18 11:55	5.254	Other	NA	Electronic	0.5236	0.5254
Telecom Italia	06-09-18	13:32-15:30			0.5256	06-09-18 13:38	5.262	Other	NA	Electronic	0.5236	0.5256
Telecom Italia	07-09-18	11:32-13:30			0.5222	07-09-18 11:46	104.44	Other	NA	Electronic	0.5202	0.5222

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Telecom Italia	10-09-18	11:32-13:30			0.549	10-09-18 12:04	208.64	Other	NA	Electronic	0.5472	0.549
Telecom Italia	11-09-18	09:32-11:30			0.5494	11-09-18 11:20	5.494	Other	NA	Electronic	0.5474	0.5494
Telecom Italia	11-09-18	11:32-13:30			0.5488	11-09-18 11:57	5.488	Other	NA	Electronic	0.547	0.5488
Telecom Italia	12-09-18	13:32-15:30			0.535	12-09-18 14:01	5.542	Other	NA	Electronic	0.535	0.537
Telecom Italia	13-09-18	09:30-09:32	0.5316	5.49								
Telecom Italia	13-09-18	13:32-15:30			0.5342	13-09-18 13:36	6.014	Other	NA	Electronic	0.5342	0.5362
Telecom Italia	14-09-18	11:30-11:32	0.528	5.28								
Telecom Italia	14-09-18	13:32-15:30			0.5272	14-09-18 14:02	5.378	Other	NA	Electronic	0.5272	0.529
Telecom Italia	17-09-18	09:32-11:30			0.5496	17-09-18 10:39	5.496	Other	NA	Electronic	0.5478	0.5496
Telecom Italia	18-09-18	11:32-13:30			0.5624	18-09-18 12:26	113.24	Other	NA	Electronic	0.5624	0.5642
Telecom Italia	18-09-18	13:32-15:30			0.5708	18-09-18 14:56	5.654	Other	NA	Electronic	0.5708	0.5728
Telecom Italia	19-09-18	09:32-11:30			0.571	19-09-18 09:47	52.7	Other	NA	Electronic	0.571	0.573
Telecom Italia	19-09-18	11:32-13:30			0.5644	19-09-18 12:39	5.644	Other	NA	Electronic	0.5624	0.5644
Telecom Italia	20-09-18	09:32-11:30			0.5688	20-09-18 09:46	5.688	Other	NA	Electronic	0.567	0.5688
Telecom Italia	20-09-18	11:32-13:30			0.5668	20-09-18 13:22	5.272	Other	NA	Electronic	0.5668	0.5686

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Telecom Italia	20-09-18	13:32-15:30			0.5644	20-09-18 13:44	5.336	Other	NA	Electronic	0.5644	0.5664
Telecom Italia	24-09-18	09:32-11:30			0.5584	24-09-18 09:58	55.68	Other	NA	Electronic	0.5584	0.5604
Telecom Italia	24-09-18	11:32-13:30			0.5668	24-09-18 12:05	11.204	Other	NA	Electronic	0.5668	0.5686
Telecom Italia	26-09-18	13:32-15:30			0.5452	26-09-18 15:07	54.48	Other	NA	Electronic	0.5452	0.547
Telecom Italia	27-09-18	09:32-11:30			0.5382	27-09-18 10:32	274.482	Other	NA	Electronic	0.5364	0.5382
Telecom Italia	27-09-18	11:32-13:30			0.5392	27-09-18 11:42	5.392	Other	NA	Electronic	0.5374	0.5392
Telecom Italia	27-09-18	13:32-15:30			0.541	27-09-18 13:41	54.02	Other	NA	Electronic	0.541	0.543
Telecom Italia	28-09-18	09:32-11:30			0.5346	28-09-18 09:33	53.46	Other	NA	Electronic	0.5328	0.5346
Telecom Italia	28-09-18	13:32-15:30			0.5256	28-09-18 14:36	5.272	Other	NA	Electronic	0.5238	0.5256
Telefonica	02-07-18	13:32-15:30			7.265	02-07-18 15:05	363.25	Other	NA	Electronic	7.247	7.265
Telefonica	03-07-18	09:32-11:30			7.365	03-07-18 11:10	363.25	Other	NA	Electronic	7.365	7.383
Telefonica	04-07-18	09:32-11:30			7.62	04-07-18 10:59	750.4	Other	NA	Electronic	7.62	7.638
Telefonica	04-07-18	13:32-15:30			7.622	04-07-18 14:10	373.6	Other	NA	Electronic	7.622	7.639
Telefonica	11-07-18	13:32-15:30			7.61	11-07-18 14:56	380.5	Other	NA	Electronic	7.61	7.628
Telefonica	12-07-18	09:32-11:30			7.602	12-07-18 11:15	380.1	Other	NA	Electronic	7.585	7.602

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Telefonica	12-07-18	11:32-13:30			7.615	12-07-18 11:50	380.75	Other	NA	Electronic	7.598	7.615
Telefonica	12-07-18	13:32-15:30			7.597	12-07-18 14:50	144.28	Other	NA	Electronic	7.597	7.615
Telefonica	16-07-18	11:32-13:30			7.503	16-07-18 12:35	219.57	Other	NA	Electronic	7.503	7.521
Telefonica	16-07-18	13:32-15:30			7.54	16-07-18 14:28	374.7	Other	NA	Electronic	7.54	7.557
Telefonica	17-07-18	11:32-13:30			7.368	17-07-18 13:18	377.25	Other	NA	Electronic	7.368	7.386
Telefonica	25-07-18	09:32-11:30			7.387	25-07-18 10:39	73.87	Other	NA	Electronic	7.368	7.387
Telefonica	31-07-18	13:32-15:30			7.69	31-07-18 14:58	76.9	Other	NA	Electronic	7.69	7.707
Telefonica	02-08-18	09:30-09:32	7.572	75.72								
Telefonica	10-08-18	09:32-11:30			7.513	10-08-18 10:54	75.13	Other	NA	Electronic	7.513	7.531
Telefonica	10-08-18	11:32-13:30			7.503	10-08-18 11:43	75.3	Other	NA	Electronic	7.503	7.52
Telefonica	13-08-18	09:32-11:30			7.416	13-08-18 10:06	150.04	Other	NA	Electronic	7.416	7.433
Telefonica	13-08-18	11:32-13:30			7.446	13-08-18 12:47	223.38	Other	NA	Electronic	7.429	7.446
Telefonica	13-08-18	13:32-15:30			7.454	13-08-18 14:08	223.38	Other	NA	Electronic	7.454	7.472
Telefonica	21-08-18	09:32-11:30			7.385	21-08-18 09:44	73.85	Other	NA	Electronic	7.367	7.385
Telefonica	22-08-18	09:32-11:30			7.392	22-08-18 11:24	73.85	Other	NA	Electronic	7.392	7.409

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Telefonica	03-09-18	09:32-11:30			6.992	03-09-18 11:09	69.88	Other	NA	Electronic	6.992	7.01
Telefonica	06-09-18	13:32-15:30			6.749	06-09-18 14:13	1261.05	Other	NA	Electronic	6.749	6.766
Telefonica	12-09-18	09:32-11:30			6.664	12-09-18 10:23	1332.8	Other	NA	Electronic	6.646	6.664
Telefonica	13-09-18	11:32-13:30			6.705	13-09-18 11:34	1332.8	Other	NA	Electronic	6.705	6.722
Telefonica	20-09-18	13:32-15:30			6.839	20-09-18 14:15	68.39	Other	NA	Electronic	6.822	6.839
Telefonica	28-09-18	13:32-15:30			6.821	28-09-18 15:09	68.21	Other	NA	Electronic	6.804	6.821
Telekom Austria	13-09-18	09:30-09:32	7.15	71.5								
Telekom Austria	13-09-18	13:32-15:30			7.13	13-09-18 14:24	71.5	Other	NA	Electronic	7.07	7.13
Telenet	28-09-18	11:32-13:30			46.953	28-09-18 12:38	469.53	Other	NA	Electronic	46.807	46.953
TeliaSonera	30-08-18	13:32-15:30			41.09	30-08-18 14:18	39.82148655	Other	NA	Electronic	41	41.09
TeliaSonera	03-09-18	13:32-15:30			41.26	03-09-18 14:47	39.82148655	Other	NA	Electronic	41.26	41.36
TeliaSonera	07-09-18	11:32-13:30			39.96	07-09-18 11:47	38.72637144	Other	NA	Electronic	39.96	40.05
TeliaSonera	07-09-18	13:32-15:30			40.05	07-09-18 14:52	38.72637144	Other	NA	Electronic	39.96	40.05
Tenaris	21-08-18	11:32-13:30			14.775	21-08-18 11:33	147.75	Other	NA	Electronic	14.735	14.775
Tenaris	22-08-18	11:32-13:30			14.76	22-08-18 12:47	144.5	Other	NA	Electronic	14.725	14.76

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Tenaris	23-08-18	13:32-15:30			14.71	23-08-18 14:00	147.1	Other	NA	Electronic	14.71	14.75
Tenaris	27-08-18	13:32-15:30			15.305	27-08-18 14:42	147.1	Other	NA	Electronic	15.27	15.305
Tenaris	28-08-18	13:32-15:30			15.095	28-08-18 14:42	150.95	Other	NA	Electronic	15.095	15.135
Tenaris	31-08-18	09:32-11:30			14.305	31-08-18 09:58	147.75	Other	NA	Electronic	14.305	14.345
Tenaris	31-08-18	11:32-13:30			14.47	31-08-18 13:26	150.95	Other	NA	Electronic	14.43	14.47
Tenaris	05-09-18	11:32-13:30			14.365	05-09-18 11:37	142.55	Other	NA	Electronic	14.325	14.365
Tenaris	06-09-18	09:32-11:30			13.84	06-09-18 11:24	138.4	Other	NA	Electronic	13.84	13.88
Tenaris	07-09-18	13:32-15:30			13.485	07-09-18 14:14	144.7	Other	NA	Electronic	13.485	13.52
Tenaris	12-09-18	11:32-13:30			13.795	12-09-18 12:36	137.95	Other	NA	Electronic	13.76	13.795
Tenaris	13-09-18	09:32-11:30			13.7	13-09-18 09:34	137	Other	NA	Electronic	13.7	13.74
Tenaris	13-09-18	13:32-15:30			13.735	13-09-18 13:52	137.35	Other	NA	Electronic	13.735	13.77
Tenaris	24-09-18	09:32-11:30			13.985	24-09-18 09:43	139.85	Other	NA	Electronic	13.94	13.985
Terna	24-07-18	11:32-13:30			4.645	24-07-18 12:18	46.45	Other	NA	Electronic	4.634	4.645
Terna	06-08-18	09:32-11:30			4.669	06-08-18 10:53	46.45	Other	NA	Electronic	4.669	4.68
Terna	13-08-18	09:32-11:30			4.571	13-08-18 10:54	45.36	Other	NA	Electronic	4.571	4.582

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Terna	07-09-18	13:32-15:30			4.683	07-09-18 14:20	46.83	Other	NA	Electronic	4.673	4.683
Terna	11-09-18	09:32-11:30			4.801	11-09-18 10:10	46.83	Other	NA	Electronic	4.801	4.812
Tesco	31-07-18	11:32-13:30			2.5944	31-07-18 12:02	284.8628791	Other	NA	Electronic	2.5944	2.5987
Tesco	01-08-18	09:32-11:30			2.5597	01-08-18 10:45	284.0859905	Other	NA	Electronic	2.5554	2.5597
Tesco	01-08-18	11:32-13:30			2.5684	01-08-18 12:52	284.0859905	Other	NA	Electronic	2.5684	2.5727
Tesla	02-07-18	13:32-15:30			359.62	02-07-18 13:40	9263.301381	Other	NA	Electronic	359.62	362.18
Tesla	02-07-18	15:32-17:30			345.18	02-07-18 15:36	3099.551491	Other	NA	Electronic	345.18	345.86
Tesla	03-07-18	13:32-15:30			327.61	03-07-18 13:40	8643.30314	Other	NA	Electronic	326.73	327.61
Tesla	03-07-18	15:32-17:30			318.28	03-07-18 15:47	8397.150646	Other	NA	Electronic	317.44	318.28
Tesla	05-07-18	13:32-15:30			308.89	05-07-18 13:40	2876.791839	Other	NA	Electronic	308.11	308.89
Tesla	05-07-18	15:32-17:30			305.56	05-07-18 15:43	8061.560109	Other	NA	Electronic	304.65	305.56
Tesla	06-07-18	13:32-15:30			305.91	06-07-18 13:42	8070.794125	Other	NA	Electronic	305.18	305.91
Tesla	06-07-18	15:32-17:30			310.75	06-07-18 16:16	5431.360478	Other	NA	Electronic	310.75	311.66
Tesla	09-07-18	13:32-15:30			313.36	09-07-18 13:41	8229.619207	Other	NA	Electronic	313.36	314.21
Tesla	09-07-18	15:32-17:30			311.82	09-07-18 15:46	2718.230587	Other	NA	Electronic	311.08	311.82

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Tesla	10-07-18	13:32-15:30			323.34	10-07-18 13:40	5584.029549	Other	NA	Electronic	323.34	324.28
Tesla	10-07-18	15:32-17:30			320.38	10-07-18 16:46	5635.036496	Other	NA	Electronic	320.38	321
Tesla	11-07-18	13:32-15:30			318.87	11-07-18 13:40	5635.036496	Other	NA	Electronic	317.26	318.87
Tesla	11-07-18	15:32-17:30			320.02	11-07-18 16:17	2814.3523	Other	NA	Electronic	320.02	320.66
Tesla	12-07-18	13:32-15:30			320.18	12-07-18 13:42	2815.759388	Other	NA	Electronic	320.18	320.89
Tesla	12-07-18	15:32-17:30			315.58	12-07-18 15:52	2773.19497	Other	NA	Electronic	313.92	315.58
Tesla	13-07-18	13:32-15:30			314.02	13-07-18 13:46	8312.197696	Other	NA	Electronic	313.36	314.02
Tesla	13-07-18	15:32-17:30			316.53	13-07-18 15:43	2743.382288	Other	NA	Electronic	316.53	317.15
Tesla	16-07-18	13:32-15:30			308.35	16-07-18 13:40	2711.722804	Other	NA	Electronic	308.35	309.4
Tesla	17-07-18	13:32-15:30			311.33	17-07-18 13:40	2724.298654	Other	NA	Electronic	311.33	313.11
Tesla	17-07-18	15:32-17:30			319.56	17-07-18 16:47	2415.266907	Other	NA	Electronic	318.99	319.56
Tesla	18-07-18	13:32-15:30			319.85	18-07-18 13:40	5625.714537	Other	NA	Electronic	319.85	322.96
Tesla	19-07-18	13:32-15:30			317.06	19-07-18 13:40	8364.963504	Other	NA	Electronic	315.55	317.06
Tesla	19-07-18	15:30-15:32	317.18	2789.376484								
Tesla	20-07-18	13:32-15:30			321.54	20-07-18 13:45	5655.439275	Other	NA	Electronic	320.82	321.54



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Tesla	20-07-18	15:32-17:30			315.3	20-07-18 16:16	5563.978542	Other	NA	Electronic	314.45	315.3
Tesla	23-07-18	13:32-15:30			294.06	23-07-18 13:40	2586.052238	Other	NA	Electronic	294.06	295.04
Tesla	23-07-18	15:32-17:30			301.79	23-07-18 16:25	7962.096561	Other	NA	Electronic	301.12	301.79
Tesla	24-07-18	13:32-15:30			304.52	24-07-18 13:41	2678.04063	Other	NA	Electronic	303.47	304.52
Tesla	24-07-18	15:32-17:30			293.83	24-07-18 16:58	2584.029549	Other	NA	Electronic	293.83	294.43
Tesla	25-07-18	13:32-15:30			299.74	25-07-18 13:40	7844.956468	Other	NA	Electronic	299.74	300.55
Tesla	25-07-18	15:32-17:30			301.77	25-07-18 15:38	2653.856301	Other	NA	Electronic	301	301.77
Tesla	26-07-18	13:32-15:30			309.59	26-07-18 13:41	5445.255474	Other	NA	Electronic	308.44	309.59
Tesla	26-07-18	15:32-17:30			305.81	26-07-18 17:24	5374.19752	Other	NA	Electronic	304.98	305.81
Tesla	27-07-18	13:32-15:30			304.66	27-07-18 13:55	8037.815496	Other	NA	Electronic	304	304.66
Tesla	27-07-18	15:32-17:30			297.68	27-07-18 17:07	7853.662826	Other	NA	Electronic	296.99	297.68
Tesla	30-07-18	13:32-15:30			293.18	30-07-18 13:40	7725.705743	Other	NA	Electronic	292.33	293.18
Tesla	30-07-18	15:32-17:30			287.29	30-07-18 15:46	2781.37367	Other	NA	Electronic	287.29	287.92
Tesla	31-07-18	13:32-15:30			297.25	31-07-18 13:40	2614.106059	Other	NA	Electronic	296.73	297.25
Tesla	31-07-18	15:32-17:30			295.97	31-07-18 16:39	5205.698707	Other	NA	Electronic	295.97	296.47

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Tesla	01-08-18	13:32-15:30			294.25	01-08-18 13:42	2587.723155	Other	NA	Electronic	294.25	295.45
Tesla	01-08-18	15:32-17:30			296.59	01-08-18 16:44	2619.910298	Other	NA	Electronic	295.89	296.59
Tesla	02-08-18	13:32-15:30			326.93	02-08-18 13:40	5548.676458	Other	NA	Electronic	326.93	327.89
Tesla	02-08-18	15:32-17:30			331.08	02-08-18 15:55	5823.234544	Other	NA	Electronic	330.5	331.08
Tesla	03-08-18	13:32-15:30			345.72	03-08-18 13:46	5742.326972	Other	NA	Electronic	345.07	345.72
Tesla	06-08-18	13:32-15:30			350.49	06-08-18 13:45	6132.79395	Other	NA	Electronic	350.49	351.42
Tesla	07-08-18	13:32-15:30			345.16	07-08-18 13:40	6070.882068	Other	NA	Electronic	344.44	345.16
Tesla	07-08-18	15:32-17:30			341.64	07-08-18 15:40	3004.485094	Other	NA	Electronic	340.98	341.64
Tesla	08-08-18	13:32-15:30			374.94	08-08-18 13:40	6472.253979	Other	NA	Electronic	374.94	375.71
Tesla	08-08-18	15:32-17:30			371.67	08-08-18 15:47	3319.145194	Other	NA	Electronic	371.67	372.5
Tesla	09-08-18	13:32-15:30			361.57	09-08-18 13:40	9761.938264	Other	NA	Electronic	360.69	361.57
Tesla	09-08-18	15:32-17:30			355.04	09-08-18 16:14	28100.95858	Other	NA	Electronic	354.32	355.04
Tesla	10-08-18	13:32-15:30			346.38	10-08-18 13:40	3065.341659	Other	NA	Electronic	345.77	346.38
Tesla	10-08-18	15:32-17:30			355.84	10-08-18 16:06	3091.021018	Other	NA	Electronic	355.84	356.56
Tesla	13-08-18	13:32-15:30			357.37	13-08-18 13:51	3142.819453	Other	NA	Electronic	356.34	357.37

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Tesla	13-08-18	15:32-17:30			351.12	13-08-18 15:56	3087.85507	Other	NA	Electronic	351.12	351.78
Tesla	14-08-18	13:32-15:30			357.37	14-08-18 13:40	6285.638906	Other	NA	Electronic	356.19	357.37
Tesla	15-08-18	13:32-15:30			340.74	15-08-18 13:40	3087.85507	Other	NA	Electronic	339.88	340.74
Tesla	15-08-18	15:32-17:30			338.5	15-08-18 16:00	8930.612963	Other	NA	Electronic	337.57	338.5
Tesla	16-08-18	13:32-15:30			333.89	16-08-18 14:00	8930.612963	Other	NA	Electronic	333.89	334.96
Tesla	16-08-18	15:32-17:30			338.93	16-08-18 16:00	5961.305074	Other	NA	Electronic	337.91	338.93
Tesla	17-08-18	13:32-15:30			320.83	17-08-18 13:40	28100.95858	Other	NA	Electronic	320.83	321.81
Tesla	20-08-18	13:32-15:30			294.7	20-08-18 13:41	2591.680591	Other	NA	Electronic	293.51	294.7
Tesla	20-08-18	15:32-17:30			300.65	20-08-18 15:58	2644.006684	Other	NA	Electronic	300.65	301.63
Tesla	21-08-18	13:32-15:30			312.31	21-08-18 14:10	2746.548237	Other	NA	Electronic	312.31	312.96
Tesla	21-08-18	15:32-17:30			319.43	21-08-18 15:51	2809.163662	Other	NA	Electronic	319.43	320.21
Tesla	22-08-18	13:32-15:30			318.11	22-08-18 14:14	2809.163662	Other	NA	Electronic	317.17	318.11
Tesla	23-08-18	13:32-15:30			319.82	23-08-18 13:42	2812.593439	Other	NA	Electronic	319.82	320.8
Tesla	23-08-18	15:32-17:30			320.75	23-08-18 15:50	2805.733884	Other	NA	Electronic	320.75	321.84
Tesla	27-08-18	13:32-15:30			316.97	27-08-18 13:59	2787.529681	Other	NA	Electronic	315.96	316.97

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Tesla	28-08-18	13:32-15:30			315.76	28-08-18 15:01	2791.750945	Other	NA	Electronic	314.91	315.76
Tesla	28-08-18	15:32-17:30			317.66	28-08-18 16:38	5587.195497	Other	NA	Electronic	317.66	318.22
Tesla	31-08-18	13:32-15:30			299.56	31-08-18 14:52	2634.420895	Other	NA	Electronic	299.56	300.23
Tesla	31-08-18	15:32-17:30			299.79	31-08-18 16:06	2636.443585	Other	NA	Electronic	299.08	299.79
Tesla	04-09-18	13:32-15:30			292.89	04-09-18 13:40	2636.443585	Other	NA	Electronic	292.89	293.58
Tesla	04-09-18	15:32-17:30			293.05	04-09-18 16:38	2577.169994	Other	NA	Electronic	293.05	293.62
Tesla	05-09-18	13:32-15:30			282.22	05-09-18 13:53	2481.927711	Other	NA	Electronic	282.22	283.55
Tesla	05-09-18	15:32-17:30			281.86	05-09-18 16:44	2478.761762	Other	NA	Electronic	281.15	281.86
Tesla	06-09-18	13:32-15:30			286.8	06-09-18 13:40	2488.259608	Other	NA	Electronic	286.94	287.77
Tesla	06-09-18	15:32-17:30			280.56	06-09-18 16:15	2528.273679	Other	NA	Electronic	280.56	281.14
Tesla	07-09-18	13:32-15:30			253.5	07-09-18 13:40	10083.0182	Other	NA	Electronic	253.5	254.36
Tesla	10-09-18	13:32-15:30			274.56	10-09-18 14:03	2352.29971	Other	NA	Electronic	274.56	275.18
Tesla	10-09-18	15:32-17:30			279.72	10-09-18 17:24	4919.883915	Other	NA	Electronic	279.04	279.72
Tesla	11-09-18	13:32-15:30			280.22	11-09-18 13:41	2464.339108	Other	NA	Electronic	278.81	280.22
Tesla	11-09-18	15:32-17:30			273.75	11-09-18 15:37	2407.439979	Other	NA	Electronic	273.75	274.38

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Tesla	12-09-18	13:32-15:30			289.94	12-09-18 14:09	2549.819717	Other	NA	Electronic	289.22	289.94
Tesla	12-09-18	15:32-17:30			289.56	12-09-18 15:58	5092.955765	Other	NA	Electronic	288.82	289.56
Tesla	14-09-18	13:32-15:30			290.03	14-09-18 15:21	2549.819717	Other	NA	Electronic	290.03	290.59
Tesla	14-09-18	15:32-17:30			293.05	14-09-18 16:10	5092.955765	Other	NA	Electronic	293.05	294.73
Tesla	17-09-18	13:32-15:30			288.65	17-09-18 14:07	2308.679975	Other	NA	Electronic	288.65	289.32
Tesla	17-09-18	15:32-17:30			296.79	17-09-18 16:04	2586.491953	Other	NA	Electronic	296.79	297.8
Tesla	18-09-18	13:32-15:30			298.76	18-09-18 14:33	2627.385454	Other	NA	Electronic	298.01	298.76
Tesla	18-09-18	15:32-17:30			287.99	18-09-18 15:42	2660.100255	Other	NA	Electronic	287.99	289.78
Tesla	19-09-18	13:32-15:30			291.47	19-09-18 15:15	2445.959019	Other	NA	Electronic	290.6	291.47
Tesla	20-09-18	13:32-15:30			305.19	20-09-18 13:40	5121.976959	Other	NA	Electronic	305.19	306.23
Tesla	20-09-18	15:30-15:32	293.42	5236.302876								
Tesla	21-09-18	13:32-15:30			297.02	21-09-18 13:57	2597.924545	Other	NA	Electronic	297.02	297.8
Tesla	24-09-18	13:32-15:30			296.94	24-09-18 15:11	2454.929206	Other	NA	Electronic	296.94	297.87
Tesla	24-09-18	15:32-17:30			295.93	24-09-18 15:40	2602.497582	Other	NA	Electronic	295.18	295.93
Tesla	25-09-18	13:32-15:30			301.54	25-09-18 13:40	2622.02093	Other	NA	Electronic	301.54	302.55

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Tesla	26-09-18	13:32-15:30			303.71	26-09-18 13:40	2670.917246	Other	NA	Electronic	303.71	304.49
Tesla	26-09-18	15:32-17:30			309.26	26-09-18 15:41	2719.725618	Other	NA	Electronic	309.26	309.76
Tesla	27-09-18	13:32-15:30			311.12	27-09-18 13:47	2736.083018	Other	NA	Electronic	310.16	311.12
Tesla	28-09-18	13:32-15:30			269.7	28-09-18 13:40	2371.823059	Other	NA	Electronic	268.96	269.7
Tesla	28-09-18	15:32-17:30			272.32	28-09-18 16:18	2394.864128	Other	NA	Electronic	271.71	272.32
Teva	17-09-18	13:32-15:30			24.19	17-09-18 15:08	212.7341483	Other	NA	Electronic	24.13	24.19
Texas Instruments	17-07-18	13:32-15:30			113.25	17-07-18 14:10	1011.608478	Other	NA	Electronic	113.15	113.25
Texas Instruments	16-08-18	15:32-17:30			110.03	16-08-18 16:28	1935.273942	Other	NA	Electronic	109.95	110.03
Texas Instruments	21-08-18	13:32-15:30			110.39	21-08-18 13:58	1935.273942	Other	NA	Electronic	110.39	110.48
ThomasCook	19-07-18	09:32-11:30			0.9826	19-07-18 10:08	545.2648635	Other	NA	Electronic	0.9789	0.9826
ThomasCook	15-08-18	11:32-13:30			0.8391	15-08-18 12:00	93.12675494	Other	NA	Electronic	0.8364	0.8391
ThomasCook	06-09-18	11:32-13:30			0.7709	06-09-18 11:53	85.55763959	Other	NA	Electronic	0.7709	0.7746
ThomasCook	06-09-18	13:32-15:30			0.7839	06-09-18 15:23	86.96713761	Other	NA	Electronic	0.7839	0.7886
ThomasCook	28-09-18	11:32-13:30			0.5769	28-09-18 13:29	66.99000033	Other	NA	Electronic	0.5769	0.5811
Thyssenkrupp	02-07-18	09:32-11:30			20.55	02-07-18 10:33	1233	Other	NA	Electronic	20.5	20.55

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Thyssenkrupp	02-07-18	11:32-13:30			20.63	02-07-18 13:23	206.3	Other	NA	Electronic	20.58	20.63
Thyssenkrupp	02-07-18	13:32-15:30			20.69	02-07-18 14:51	206.3	Other	NA	Electronic	20.69	20.74
Thyssenkrupp	03-07-18	11:32-13:30			20.92	03-07-18 12:32	209.2	Other	NA	Electronic	20.86	20.92
Thyssenkrupp	04-07-18	11:32-13:30			21.02	04-07-18 12:06	210.2	Other	NA	Electronic	20.97	21.02
Thyssenkrupp	05-07-18	11:32-13:30			21.37	05-07-18 12:21	210.2	Other	NA	Electronic	21.37	21.43
Thyssenkrupp	06-07-18	13:32-15:30			21.81	06-07-18 13:36	221.9	Other	NA	Electronic	21.76	21.81
Thyssenkrupp	09-07-18	09:32-11:30			21.64	09-07-18 11:24	216.4	Other	NA	Electronic	21.64	21.69
Thyssenkrupp	10-07-18	13:32-15:30			21.63	10-07-18 14:54	216.4	Other	NA	Electronic	21.57	21.63
Thyssenkrupp	11-07-18	13:32-15:30			20.68	11-07-18 13:49	218.1	Other	NA	Electronic	20.68	20.73
Thyssenkrupp	17-07-18	09:32-11:30			22.37	17-07-18 10:09	1118.5	Other	NA	Electronic	22.37	22.42
Thyssenkrupp	18-07-18	09:32-11:30			22.85	18-07-18 11:25	228.5	Other	NA	Electronic	22.85	22.9
Thyssenkrupp	19-07-18	09:32-11:30			22.7	19-07-18 09:44	1118.5	Other	NA	Electronic	22.65	22.7
Thyssenkrupp	23-07-18	11:32-13:30			22.46	23-07-18 11:51	1768	Other	NA	Electronic	22.46	22.51
Thyssenkrupp	27-07-18	11:32-13:30			23.55	27-07-18 12:00	235.5	Other	NA	Electronic	23.55	23.61
Thyssenkrupp	31-07-18	13:32-15:30			22.95	31-07-18 15:09	235.5	Other	NA	Electronic	22.9	22.95

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Thyssenkrupp	01-08-18	09:32-11:30			22.51	01-08-18 10:34	225.1	Other	NA	Electronic	22.51	22.57
Thyssenkrupp	01-08-18	11:32-13:30			22.54	01-08-18 12:52	225.1	Other	NA	Electronic	22.49	22.54
Thyssenkrupp	15-08-18	11:32-13:30			19.48	15-08-18 13:14	1558.4	Other	NA	Electronic	19.42	19.48
Thyssenkrupp	15-08-18	13:32-15:30			19.27	15-08-18 13:55	2605.2	Other	NA	Electronic	19.27	19.33
Thyssenkrupp	20-08-18	13:32-15:30			19.79	20-08-18 13:57	1550.4	Other	NA	Electronic	19.79	19.84
Tiffany&Co	29-08-18	13:32-15:30			126.12	29-08-18 13:50	2218.274558	Other	NA	Electronic	125.88	126.12
TJX	24-09-18	13:32-15:30			110.1	24-09-18 14:35	9682.525723	Other	NA	Electronic	110.01	110.1
TJX	27-09-18	13:32-15:30			111.86	27-09-18 14:14	9682.525723	Other	NA	Electronic	111.86	111.95
T-Mobile	23-07-18	15:32-17:30			58.45	23-07-18 16:20	516.3134289	Other	NA	Electronic	58.45	58.51
T-Mobile	24-07-18	13:32-15:30			57.99	24-07-18 13:53	509.981532	Other	NA	Electronic	57.91	57.99
T-Mobile	18-09-18	13:32-15:30			67.63	18-09-18 15:14	594.7585964	Other	NA	Electronic	67.56	67.63
TomTom	18-09-18	09:32-11:30			6.44	18-09-18 10:45	64.4	Other	NA	Electronic	6.31	6.44
TomTom	18-09-18	13:32-15:30			6.54	18-09-18 14:03	64.4	Other	NA	Electronic	6.54	6.6
TomTom	20-09-18	11:32-13:30			6.35	20-09-18 12:03	62.8	Other	NA	Electronic	6.35	6.42
TomTom	24-09-18	09:32-11:30			5.95	24-09-18 10:23	119	Other	NA	Electronic	5.9	5.95



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
TomTom	25-09-18	11:32-13:30			6.2	25-09-18 12:29	61.5	Other	NA	Electronic	6.2	6.23
Total	02-07-18	13:32-15:30			52.374	02-07-18 15:08	1553.01	Other	NA	Electronic	52.374	52.477
Total	10-07-18	09:32-11:30			54.707	10-07-18 10:03	547.07	Other	NA	Electronic	54.604	54.707
Total	10-07-18	11:32-13:30			54.504	10-07-18 12:41	547.07	Other	NA	Electronic	54.504	54.607
Total	11-07-18	13:32-15:30			53.547	11-07-18 13:52	1618.32	Other	NA	Electronic	53.444	53.547
Total	13-07-18	13:32-15:30			53.357	13-07-18 14:47	1066.48	Other	NA	Electronic	53.254	53.357
Total	16-07-18	09:32-11:30			53.114	16-07-18 10:15	1593.42	Other	NA	Electronic	53.114	53.217
Total	16-07-18	11:32-13:30			52.927	16-07-18 13:05	1593.42	Other	NA	Electronic	52.824	52.927
Total	17-07-18	13:32-15:30			52.757	17-07-18 14:33	1049.48	Other	NA	Electronic	52.644	52.757
Total	02-08-18	09:32-11:30			54.927	02-08-18 10:04	551.14	Other	NA	Electronic	54.814	54.927
Total	02-08-18	11:32-13:30			54.824	02-08-18 13:15	548.24	Other	NA	Electronic	54.824	54.927
Total	06-08-18	09:32-11:30			55.027	06-08-18 10:17	548.24	Other	NA	Electronic	54.924	55.027
Total	15-08-18	13:32-15:30			52.084	15-08-18 14:33	2164.28	Other	NA	Electronic	52.084	52.197
Total	24-09-18	13:32-15:30			55.567	24-09-18 15:19	555.67	Other	NA	Electronic	55.464	55.567
Tractor Supply	17-09-18	15:32-17:30			88.1	17-09-18 17:11	774.7779439	Other	NA	Electronic	87.99	88.1

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Transocean	02-07-18	15:32-17:30			13.2	02-07-18 16:35	580.4238853	Other	NA	Electronic	13.14	13.2
Transocean	03-07-18	13:32-15:30			13.46	03-07-18 13:41	580.4238853	Other	NA	Electronic	13.46	13.52
Travelers Companies	30-07-18	15:32-17:30			131.59	30-07-18 15:56	1151.437868	Other	NA	Electronic	131.59	131.72
Tui	06-08-18	09:32-11:30			15.8	06-08-18 09:56	350.7097433	Other	NA	Electronic	15.76	15.8
Tui	15-08-18	09:32-11:30			14.75	15-08-18 10:46	350.7097433	Other	NA	Electronic	14.75	14.78
Tui	07-09-18	13:32-15:30			13.28	07-09-18 13:35	588.6596451	Other	NA	Electronic	13.28	13.31
Twitter	02-07-18	13:32-15:30			44.01	02-07-18 13:43	3870.371999	Other	NA	Electronic	43.95	44.01
Twitter	02-07-18	15:32-17:30			44.42	02-07-18 16:50	390.6428634	Other	NA	Electronic	44.36	44.42
Twitter	03-07-18	13:32-15:30			44.54	03-07-18 13:49	1958.490898	Other	NA	Electronic	44.54	44.6
Twitter	03-07-18	15:32-17:30			44.71	03-07-18 15:32	390.9946355	Other	NA	Electronic	44.71	44.78
Twitter	05-07-18	13:32-15:30			44.11	05-07-18 14:46	775.83326	Other	NA	Electronic	44.04	44.11
Twitter	05-07-18	15:32-17:30			44.85	05-07-18 15:48	394.424413	Other	NA	Electronic	44.78	44.85
Twitter	06-07-18	13:32-15:30			46.07	06-07-18 14:14	390.6428634	Other	NA	Electronic	46.07	46.13
Twitter	06-07-18	15:32-17:30			46.17	06-07-18 15:41	394.1605839	Other	NA	Electronic	46.17	46.23
Twitter	09-07-18	13:32-15:30			45.11	09-07-18 13:40	811.8898953	Other	NA	Electronic	45.11	45.18

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Twitter	09-07-18	15:32-17:30			42.39	09-07-18 16:04	1863.952159	Other	NA	Electronic	42.39	42.46
Twitter	10-07-18	13:32-15:30			45.07	10-07-18 13:40	1189.077478	Other	NA	Electronic	45	45.07
Twitter	10-07-18	15:32-17:30			44.23	10-07-18 15:44	388.9719462	Other	NA	Electronic	44.16	44.23
Twitter	11-07-18	15:32-17:30			43.49	11-07-18 15:32	382.4641632	Other	NA	Electronic	43.42	43.49
Twitter	12-07-18	13:32-15:30			45.2	12-07-18 13:40	781.989271	Other	NA	Electronic	45.2	45.27
Twitter	12-07-18	15:32-17:30			45.04	12-07-18 16:00	1931.668279	Other	NA	Electronic	45.04	45.1
Twitter	13-07-18	13:32-15:30			44.8	13-07-18 13:40	393.9846979	Other	NA	Electronic	44.8	44.87
Twitter	13-07-18	15:32-17:30			44.5	13-07-18 15:34	391.3464075	Other	NA	Electronic	44.5	44.56
Twitter	16-07-18	13:32-15:30			44.13	16-07-18 13:43	390.9066925	Other	NA	Electronic	44.06	44.13
Twitter	17-07-18	13:32-15:30			43.87	17-07-18 13:40	796.236039	Other	NA	Electronic	43.87	43.94
Twitter	17-07-18	15:32-17:30			44.65	17-07-18 15:54	392.6655527	Other	NA	Electronic	44.58	44.65
Twitter	18-07-18	13:32-15:30			44.03	18-07-18 13:40	387.2130859	Other	NA	Electronic	43.95	44.03
Twitter	18-07-18	15:32-17:30			43.38	18-07-18 15:38	381.4967901	Other	NA	Electronic	43.31	43.38
Twitter	19-07-18	13:32-15:30			43.57	19-07-18 14:11	1915.838537	Other	NA	Electronic	43.5	43.57
Twitter	20-07-18	13:32-15:30			43.83	20-07-18 14:44	385.4542257	Other	NA	Electronic	43.76	43.83

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Twitter	23-07-18	13:32-15:30			42.63	23-07-18 13:55	374.9010641	Other	NA	Electronic	42.56	42.63
Twitter	24-07-18	13:32-15:30			43.14	24-07-18 14:07	379.3861578	Other	NA	Electronic	43.14	43.21
Twitter	24-07-18	15:32-17:30			42.56	24-07-18 15:33	379.3861578	Other	NA	Electronic	42.5	42.56
Twitter	25-07-18	15:32-17:30			43.99	25-07-18 16:47	1915.838537	Other	NA	Electronic	43.99	44.06
Twitter	26-07-18	13:32-15:30			42.62	26-07-18 13:50	374.8131211	Other	NA	Electronic	42.56	42.62
Twitter	26-07-18	15:32-17:30			42.78	26-07-18 15:57	376.2202093	Other	NA	Electronic	42.71	42.78
Twitter	27-07-18	13:32-15:30			36.22	27-07-18 13:40	405.2414036	Other	NA	Electronic	36.22	36.29
Twitter	27-07-18	15:32-17:30			34.73	27-07-18 16:06	1221.704336	Other	NA	Electronic	34.67	34.73
Twitter	30-07-18	13:32-15:30			33.19	30-07-18 13:40	291.8828599	Other	NA	Electronic	33.13	33.19
Twitter	30-07-18	15:32-17:30			32.1	30-07-18 15:34	282.2970715	Other	NA	Electronic	32.04	32.1
Twitter	31-07-18	13:32-15:30			31.68	31-07-18 13:45	2786.03465	Other	NA	Electronic	31.58	31.68
Twitter	31-07-18	15:32-17:30			31.98	31-07-18 15:32	281.2417553	Other	NA	Electronic	31.91	31.98
Twitter	01-08-18	13:32-15:30			32.17	01-08-18 13:40	317.1225046	Other	NA	Electronic	32.17	32.23
Twitter	01-08-18	15:32-17:30			31.58	01-08-18 15:37	277.7240348	Other	NA	Electronic	31.52	31.58
Twitter	02-08-18	13:32-15:30			32.25	02-08-18 14:00	282.8247296	Other	NA	Electronic	32.25	32.31

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Twitter	02-08-18	15:32-17:30			32.38	02-08-18 16:12	284.7594759	Other	NA	Electronic	32.31	32.38
Twitter	03-08-18	13:32-15:30			32.56	03-08-18 13:43	572.6849002	Other	NA	Electronic	32.49	32.56
Twitter	03-08-18	15:32-17:30			32.1	03-08-18 15:35	1129.188286	Other	NA	Electronic	32.1	32.17
Twitter	06-08-18	13:32-15:30			32	06-08-18 13:55	1129.188286	Other	NA	Electronic	31.94	32
Twitter	07-08-18	13:32-15:30			33.03	07-08-18 13:45	1434.350541	Other	NA	Electronic	33.03	33.09
Twitter	07-08-18	15:32-17:30			32.64	07-08-18 15:35	307.0970011	Other	NA	Electronic	32.64	32.7
Twitter	08-08-18	13:32-15:30			32.43	08-08-18 13:58	288.8048545	Other	NA	Electronic	32.43	32.5
Twitter	08-08-18	15:32-17:30			32.15	08-08-18 15:41	282.2091285	Other	NA	Electronic	32.15	32.21
Twitter	09-08-18	13:32-15:30			32.13	09-08-18 13:40	282.5609005	Other	NA	Electronic	32.07	32.13
Twitter	13-08-18	13:32-15:30			33.15	13-08-18 14:40	288.1013104	Other	NA	Electronic	33.15	33.21
Twitter	13-08-18	15:32-17:30			33.1	13-08-18 15:33	1455.456864	Other	NA	Electronic	33.04	33.1
Twitter	14-08-18	15:32-17:30			33	14-08-18 17:29	2887.169114	Other	NA	Electronic	33	33.06
Twitter	15-08-18	13:32-15:30			32.89	15-08-18 13:46	289.2445695	Other	NA	Electronic	32.83	32.89
Twitter	15-08-18	15:32-17:30			32.13	15-08-18 15:46	282.5609005	Other	NA	Electronic	32.06	32.13
Twitter	16-08-18	13:32-15:30			32.93	16-08-18 14:40	1447.981708	Other	NA	Electronic	32.86	32.93

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Twitter	16-08-18	15:32-17:30			32.99	16-08-18 16:27	282.3850145	Other	NA	Electronic	32.99	33.05
Twitter	17-08-18	15:32-17:30			32.68	17-08-18 15:57	574.7955325	Other	NA	Electronic	32.61	32.68
Twitter	20-08-18	13:32-15:30			32.48	20-08-18 13:40	571.277812	Other	NA	Electronic	32.41	32.48
Twitter	20-08-18	15:32-17:30			32.47	20-08-18 17:03	284.4077038	Other	NA	Electronic	32.47	32.53
Twitter	21-08-18	13:32-15:30			33.2	21-08-18 13:59	282.5609005	Other	NA	Electronic	33.2	33.27
Twitter	21-08-18	15:32-17:30			33.87	21-08-18 15:34	893.5889544	Other	NA	Electronic	33.81	33.87
Twitter	22-08-18	13:32-15:30			33.6	22-08-18 14:26	886.4655703	Other	NA	Electronic	33.53	33.6
Twitter	22-08-18	15:32-17:30			33.76	22-08-18 15:32	593.7912233	Other	NA	Electronic	33.76	33.83
Twitter	23-08-18	13:32-15:30			33.93	23-08-18 13:40	1491.953214	Other	NA	Electronic	33.86	33.93
Twitter	23-08-18	15:32-17:30			34.14	23-08-18 16:02	300.2374461	Other	NA	Electronic	34.08	34.14
Twitter	24-08-18	13:32-15:30			34.26	24-08-18 13:41	300.0615601	Other	NA	Electronic	34.26	34.33
Twitter	24-08-18	15:32-17:30			34.12	24-08-18 17:02	300.0615601	Other	NA	Electronic	34.06	34.12
Twitter	27-08-18	13:32-15:30			34.96	27-08-18 14:08	307.0090581	Other	NA	Electronic	34.96	35.02
Twitter	27-08-18	15:32-17:30			35.6	27-08-18 17:11	3130.77126	Other	NA	Electronic	35.54	35.6
Twitter	28-08-18	13:32-15:30			35.41	28-08-18 13:40	934.2186263	Other	NA	Electronic	35.41	35.48

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Twitter	28-08-18	15:32-17:30			35.33	28-08-18 16:41	1231.553953	Other	NA	Electronic	35.33	35.39
Twitter	29-08-18	13:32-15:30			35.07	29-08-18 14:38	311.3182658	Other	NA	Electronic	35	35.07
Twitter	30-08-18	13:32-15:30			35.45	30-08-18 13:57	276.8446047	Other	NA	Electronic	35.45	35.52
Twitter	30-08-18	15:32-17:30			35.76	30-08-18 16:08	3130.77126	Other	NA	Electronic	35.76	35.82
Twitter	31-08-18	15:32-17:30			34.75	31-08-18 15:47	305.6019699	Other	NA	Electronic	34.69	34.75
Twitter	05-09-18	13:32-15:30			34.11	05-09-18 13:40	299.9736171	Other	NA	Electronic	34.03	34.11
Twitter	06-09-18	13:32-15:30			32.26	06-09-18 13:40	283.7041597	Other	NA	Electronic	32.19	32.26
Twitter	06-09-18	15:32-17:30			31.18	06-09-18 15:56	274.2063143	Other	NA	Electronic	31.12	31.18
Twitter	07-09-18	13:32-15:30			30.1	07-09-18 13:40	315.9792454	Other	NA	Electronic	30.1	30.17
Twitter	07-09-18	15:32-17:30			30.45	07-09-18 17:28	267.7864744	Other	NA	Electronic	30.39	30.45
Twitter	10-09-18	13:32-15:30			30.06	10-09-18 13:40	264.3566969	Other	NA	Electronic	29.98	30.06
Twitter	10-09-18	15:32-17:30			30.36	10-09-18 16:58	266.9949872	Other	NA	Electronic	30.3	30.36
Twitter	11-09-18	13:32-15:30			30.94	11-09-18 13:40	264.3566969	Other	NA	Electronic	30.94	31.01
Twitter	12-09-18	13:32-15:30			30.14	12-09-18 13:40	299.9736171	Other	NA	Electronic	30.14	30.21
Twitter	12-09-18	15:32-17:30			29.71	12-09-18 15:32	257.7609709	Other	NA	Electronic	29.64	29.71

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Twitter	13-09-18	13:32-15:30			30.33	13-09-18 13:40	266.7311582	Other	NA	Electronic	30.26	30.33
Twitter	13-09-18	15:32-17:30			30.45	13-09-18 15:44	258.728344	Other	NA	Electronic	30.45	30.51
Twitter	14-09-18	13:32-15:30			30.4	14-09-18 14:05	534.6935186	Other	NA	Electronic	30.4	30.46
Twitter	14-09-18	15:32-17:30			30.11	14-09-18 17:10	264.7964119	Other	NA	Electronic	30.04	30.11
Twitter	17-09-18	13:32-15:30			28.7	17-09-18 13:40	284.4077038	Other	NA	Electronic	28.7	28.76
Twitter	17-09-18	15:32-17:30			28.93	17-09-18 17:25	1008.882244	Other	NA	Electronic	28.93	29
Twitter	18-09-18	13:32-15:30			29.28	18-09-18 14:52	257.4971419	Other	NA	Electronic	29.22	29.28
Twitter	18-09-18	15:32-17:30			29.39	18-09-18 15:35	257.9368569	Other	NA	Electronic	29.39	29.45
Twitter	20-09-18	13:32-15:30			29.53	20-09-18 13:41	258.464515	Other	NA	Electronic	29.53	29.59
Twitter	21-09-18	13:32-15:30			29.75	21-09-18 13:43	261.6304635	Other	NA	Electronic	29.69	29.75
Twitter	21-09-18	15:32-17:30			29.08	21-09-18 17:06	257.0574268	Other	NA	Electronic	29.08	29.14
Twitter	24-09-18	13:32-15:30			28.53	24-09-18 13:40	250.9014159	Other	NA	Electronic	28.47	28.53
Twitter	24-09-18	15:32-17:30			28.56	24-09-18 16:30	502.3304898	Other	NA	Electronic	28.56	28.62
Twitter	25-09-18	13:32-15:30			28.74	25-09-18 13:58	252.7482192	Other	NA	Electronic	28.68	28.74
Twitter	25-09-18	15:32-17:30			28.96	25-09-18 16:18	252.4843901	Other	NA	Electronic	28.96	29.03



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Twitter	26-09-18	15:32-17:30			29.12	26-09-18 16:05	255.2106235	Other	NA	Electronic	29.12	29.18
Twitter	27-09-18	13:32-15:30			29.43	27-09-18 14:16	257.5850849	Other	NA	Electronic	29.43	29.49
Twitter	27-09-18	15:32-17:30			29.58	27-09-18 16:42	260.1354322	Other	NA	Electronic	29.52	29.58
Twitter	28-09-18	13:32-15:30			28.68	28-09-18 14:56	252.2205611	Other	NA	Electronic	28.62	28.68
UBI Banca	16-07-18	11:32-13:30			3.396	16-07-18 12:55	39.16	Other	NA	Electronic	3.396	3.408
UBI Banca	28-09-18	09:32-11:30			3.485	28-09-18 10:02	35.69	Other	NA	Electronic	3.472	3.485
UBS	02-07-18	13:32-15:30			15.13	02-07-18 14:01	573.1379213	Other	NA	Electronic	15.13	15.17
UBS	04-07-18	09:32-11:30			15.02	04-07-18 10:53	132.9297649	Other	NA	Electronic	14.98	15.02
UBS	16-07-18	09:32-11:30			15.31	16-07-18 09:42	406.488955	Other	NA	Electronic	15.27	15.31
UBS	19-07-18	11:32-13:30			15.46	19-07-18 12:36	405.1614274	Other	NA	Electronic	15.46	15.5
UBS	20-07-18	09:32-11:30			15.14	20-07-18 10:21	133.991787	Other	NA	Electronic	15.14	15.18
UBS	20-07-18	11:32-13:30			15.27	20-07-18 12:13	133.991787	Other	NA	Electronic	15.23	15.27
UBS	23-07-18	09:32-11:30			15.29	23-07-18 09:43	133.5492778	Other	NA	Electronic	15.25	15.29
UBS	31-07-18	11:32-13:30			16.43	31-07-18 11:54	289.0470122	Other	NA	Electronic	16.39	16.43
UBS	31-07-18	13:32-15:30			16.27	31-07-18 14:36	143.992495	Other	NA	Electronic	16.27	16.31

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UBS	21-09-18	09:32-11:30			15.99	21-09-18 10:53	141.5144435	Other	NA	Electronic	15.95	15.99
UK100Cash	02-07-18	09:30-09:32	7,564.58	41977.40364								
UK100Cash	02-07-18	11:32-13:30			7,573.60	02-07-18 11:35	8405.491493	Other	NA	Electronic	7,573.60	7,575.10
UK100Cash	02-07-18	13:32-15:30			7,572.30	02-07-18 13:37	840.40487	Other	NA	Electronic	7,572.30	7,573.80
UK100Cash	02-07-18	15:32-17:30			7,548.60	02-07-18 15:37	8386.624197	Other	NA	Electronic	7,546.10	7,548.60
UK100Cash	03-07-18	09:32-11:30			7,582.30	03-07-18 09:49	841.5147109	Other	NA	Electronic	7,580.80	7,582.30
UK100Cash	03-07-18	11:32-13:30			7,602.10	03-07-18 11:44	843.712196	Other	NA	Electronic	7,600.60	7,602.10
UK100Cash	03-07-18	13:30-13:32	7,620.10	845.7099098								
UK100Cash	03-07-18	15:32-17:30			7,595.60	03-07-18 15:33	8424.91371	Other	NA	Electronic	7,595.60	7,598.10
UK100Cash	04-07-18	09:32-11:30			7,581.10	04-07-18 09:45	8413.8153	Other	NA	Electronic	7,579.60	7,581.10
UK100Cash	04-07-18	11:32-13:30			7,580.60	04-07-18 11:42	16831.40406	Other	NA	Electronic	7,580.60	7,582.10
UK100Cash	04-07-18	13:30-13:32	7,581.10	8413.8153								
UK100Cash	04-07-18	15:32-17:30			7,576.60	04-07-18 15:58	8407.711175	Other	NA	Electronic	7,576.60	7,579.10
UK100Cash	05-07-18	09:32-11:30			7,599.10	05-07-18 09:35	8434.347358	Other	NA	Electronic	7,597.60	7,599.10
UK100Cash	05-07-18	11:30-11:32	7,618.30	845.4546463								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100Cash	05-07-18	13:32-15:30			7,603.60	05-07-18 13:35	8438.786722	Other	NA	Electronic	7,603.60	7,605.10
UK100Cash	05-07-18	15:32-17:30			7,605.30	05-07-18 15:36	42119.01934	Other	NA	Electronic	7,605.30	7,607.80
UK100Cash	06-07-18	09:32-11:30			7,601.10	06-07-18 09:35	8436.012119	Other	NA	Electronic	7,601.10	7,602.60
UK100Cash	06-07-18	11:30-11:32	7,578.60	5048.699821								
UK100Cash	06-07-18	13:32-15:30			7,570.30	06-07-18 13:33	8401.829018	Other	NA	Electronic	7,570.30	7,571.80
UK100Cash	06-07-18	15:30-15:32	7,613.10	844.7887418								
UK100Cash	09-07-18	09:32-11:30			7,641.60	09-07-18 09:33	1695.348657	Other	NA	Electronic	7,641.60	7,643.10
UK100Cash	09-07-18	11:30-11:32	7,639.10	16961.5884								
UK100Cash	09-07-18	13:30-13:32	7,633.60	8472.303919								
UK100Cash	09-07-18	15:30-15:32	7,686.10	42482.49226								
UK100Cash	10-07-18	09:32-11:30			7,694.80	10-07-18 09:32	8540.004217	Other	NA	Electronic	7,694.80	7,696.30
UK100Cash	10-07-18	11:30-11:32	7,706.67	51203.7335								
UK100Cash	10-07-18	13:32-15:30			7,691.60	10-07-18 13:32	17065.13657	Other	NA	Electronic	7,691.60	7,693.10
UK100Cash	10-07-18	15:32-17:30			7,692.10	10-07-18 15:34	17074.01529	Other	NA	Electronic	7,689.60	7,692.10
UK100Cash	11-07-18	09:32-11:30			7,579.10	11-07-18 09:35	842.491371	Other	NA	Electronic	7,579.10	7,580.60

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UK100Cash	11-07-18	11:32-13:30			7,610.10	11-07-18 12:11	8446.000688	Other	NA	Electronic	7,608.60	7,610.10
UK100Cash	11-07-18	13:32-15:30			7,609.60	11-07-18 13:38	8426.023551	Other	NA	Electronic	7,608.10	7,609.60
UK100Cash	11-07-18	15:32-17:30			7,590.60	11-07-18 15:32	8424.358789	Other	NA	Electronic	7,590.60	7,593.10
UK100Cash	12-07-18	09:32-11:30			7,643.10	12-07-18 09:33	848.262544	Other	NA	Electronic	7,643.10	7,644.60
UK100Cash	12-07-18	11:32-13:30			7,658.10	12-07-18 11:32	16998.54611	Other	NA	Electronic	7,658.10	7,659.60
UK100Cash	12-07-18	13:32-15:30			7,646.10	12-07-18 13:34	42429.77481	Other	NA	Electronic	7,646.10	7,647.60
UK100Cash	12-07-18	15:32-17:30			7,650.60	12-07-18 15:35	5091.240025	Other	NA	Electronic	7,648.60	7,651.10
UK100Cash	13-07-18	09:32-11:30			7,679.10	13-07-18 09:37	5113.547829	Other	NA	Electronic	7,678.80	7,680.30
UK100Cash	13-07-18	11:30-11:32	7,684.10	25627.67055								
UK100Cash	13-07-18	13:32-15:30			7,683.10	13-07-18 13:35	51152.1259	Other	NA	Electronic	7,683.10	7,684.60
UK100Cash	13-07-18	15:32-17:30			7,662.80	13-07-18 15:37	8513.700987	Other	NA	Electronic	7,660.30	7,662.80
UK100Cash	16-07-18	09:32-11:30			7,645.60	16-07-18 09:32	25456.20013	Other	NA	Electronic	7,645.60	7,647.10
UK100Cash	16-07-18	11:30-11:32	7,568.60	33599.76915								
UK100Cash	16-07-18	13:32-15:30			7,588.10	16-07-18 13:38	842.7133392	Other	NA	Electronic	7,586.60	7,588.10
UK100Cash	16-07-18	15:32-17:30			7,602.60	16-07-18 15:38	8437.676881	Other	NA	Electronic	7,600.10	7,602.60

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UK100Cash	17-07-18	09:32-11:30			7,604.80	17-07-18 10:02	8440.118531	Other	NA	Electronic	7,604.80	7,606.30
UK100Cash	17-07-18	11:32-13:30			7,588.60	17-07-18 11:42	33688.55643	Other	NA	Electronic	7,588.60	7,590.10
UK100Cash	17-07-18	13:32-15:30			7,608.60	17-07-18 13:34	8444.335927	Other	NA	Electronic	7,607.10	7,608.60
UK100Cash	17-07-18	15:30-15:32	7,629.60	8467.642587								
UK100Cash	18-07-18	09:32-11:30			7,680.10	18-07-18 09:53	8523.689555	Other	NA	Electronic	7,678.60	7,680.10
UK100Cash	18-07-18	11:32-13:30			7,676.60	18-07-18 11:58	8510.926384	Other	NA	Electronic	7,676.60	7,678.10
UK100Cash	18-07-18	13:32-15:30			7,674.10	18-07-18 13:42	8515.032796	Other	NA	Electronic	7,674.10	7,675.60
UK100Cash	18-07-18	15:32-17:30			7,672.60	18-07-18 15:40	2554.609724	Other	NA	Electronic	7,672.60	7,675.10
UK100Cash	19-07-18	09:32-11:30			7,687.10	19-07-18 09:42	8531.458442	Other	NA	Electronic	7,687.10	7,688.60
UK100Cash	19-07-18	11:32-13:30			7,686.10	19-07-18 11:40	8527.463015	Other	NA	Electronic	7,686.10	7,687.60
UK100Cash	19-07-18	13:30-13:32	7,694.60	8539.782249								
UK100Cash	19-07-18	15:30-15:32	7,689.80	8534.455013								
UK100Cash	20-07-18	09:32-11:30			7,700.10	20-07-18 09:49	4273.498108	Other	NA	Electronic	7,698.60	7,700.10
UK100Cash	20-07-18	11:32-13:30			7,659.60	20-07-18 11:52	2550.281345	Other	NA	Electronic	7,659.60	7,661.10
UK100Cash	20-07-18	13:32-15:30			7,641.10	20-07-18 13:35	8480.405758	Other	NA	Electronic	7,641.10	7,642.60

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UK100Cash	20-07-18	15:30-15:32	7,684.10	8524.244476								
UK100Cash	23-07-18	09:32-11:30			7,658.10	23-07-18 09:40	4249.636527	Other	NA	Electronic	7,658.10	7,659.60
UK100Cash	23-07-18	11:30-11:32	7,654.30	8495.055659								
UK100Cash	23-07-18	13:32-15:30			7,662.80	23-07-18 13:34	8504.489307	Other	NA	Electronic	7,662.80	7,664.30
UK100Cash	23-07-18	15:32-17:30			7,660.60	23-07-18 15:38	8502.047657	Other	NA	Electronic	7,658.10	7,660.60
UK100Cash	24-07-18	09:30-09:32	7,712.60	8559.759386								
UK100Cash	24-07-18	11:32-13:30			7,708.10	24-07-18 11:56	847.4856553	Other	NA	Electronic	7,707.80	7,709.30
UK100Cash	24-07-18	13:30-13:32	7,717.10	17129.50734								
UK100Cash	24-07-18	15:32-17:30			7,719.60	24-07-18 15:46	4244.753227	Other	NA	Electronic	7,717.10	7,719.60
UK100Cash	25-07-18	09:32-11:30			7,666.60	25-07-18 09:36	8508.706702	Other	NA	Electronic	7,665.10	7,666.60
UK100Cash	25-07-18	11:32-13:30			7,645.80	25-07-18 11:36	25456.86603	Other	NA	Electronic	7,644.30	7,645.80
UK100Cash	25-07-18	13:30-13:32	7,655.60	8496.498452								
UK100Cash	25-07-18	15:32-17:30			7,659.80	25-07-18 15:32	8496.498452	Other	NA	Electronic	7,659.80	7,662.30
UK100Cash	26-07-18	09:32-11:30			7,654.30	26-07-18 09:32	8495.055659	Other	NA	Electronic	7,652.80	7,654.30
UK100Cash	26-07-18	11:32-13:30			7,654.80	26-07-18 11:40	850.648702	Other	NA	Electronic	7,654.80	7,656.30

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100Cash	26-07-18	13:32-15:30			7,647.10	26-07-18 13:32	1697.080008	Other	NA	Electronic	7,647.10	7,648.60
UK100Cash	26-07-18	15:30-15:32	7,670.10	851.2591146								
UK100Cash	27-07-18	09:32-11:30			7,700.10	27-07-18 09:34	8545.886374	Other	NA	Electronic	7,700.10	7,701.60
UK100Cash	27-07-18	11:32-13:30			7,697.30	27-07-18 11:33	854.277882	Other	NA	Electronic	7,697.30	7,698.80
UK100Cash	27-07-18	13:32-15:30			7,709.30	27-07-18 13:32	856.419875	Other	NA	Electronic	7,707.80	7,709.30
UK100Cash	27-07-18	15:32-17:30			7,699.10	27-07-18 15:32	8544.776534	Other	NA	Electronic	7,696.60	7,699.10
UK100Cash	30-07-18	09:32-11:30			7,680.60	30-07-18 10:17	852.4244476	Other	NA	Electronic	7,679.10	7,680.60
UK100Cash	30-07-18	11:32-13:30			7,709.60	30-07-18 11:41	8556.429864	Other	NA	Electronic	7,709.60	7,711.10
UK100Cash	30-07-18	13:32-15:30			7,709.60	30-07-18 13:32	8556.429864	Other	NA	Electronic	7,708.10	7,709.60
UK100Cash	30-07-18	15:30-15:32	7,696.60	854.2001931								
UK100Cash	31-07-18	09:32-11:30			7,709.60	31-07-18 09:32	17113.30366	Other	NA	Electronic	7,708.10	7,709.60
UK100Cash	31-07-18	11:32-13:30			7,755.60	31-07-18 11:35	8607.482548	Other	NA	Electronic	7,754.10	7,755.60
UK100Cash	31-07-18	13:32-15:30			7,781.80	31-07-18 13:32	8636.560381	Other	NA	Electronic	7,781.80	7,783.30
UK100Cash	31-07-18	15:30-15:32	7,758.85	25872.94541								
UK100Cash	01-08-18	09:32-11:30			7,673.10	01-08-18 09:38	852.6464158	Other	NA	Electronic	7,673.10	7,674.60

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100Cash	01-08-18	11:32-13:30			7,658.60	01-08-18 11:50	1699.965595	Other	NA	Electronic	7,657.10	7,658.60
UK100Cash	01-08-18	13:30-13:32	7,668.60	8492.059088								
UK100Cash	01-08-18	15:30-15:32	7,653.60	8494.27877								
UK100Cash	02-08-18	09:30-09:32	7,573.80	8405.713461								
UK100Cash	02-08-18	11:30-11:32	7,562.85	1677.18056								
UK100Cash	02-08-18	13:32-15:30			7,564.10	02-08-18 13:50	2524.710609	Other	NA	Electronic	7,562.60	7,564.10
UK100Cash	02-08-18	15:32-17:30			7,586.60	02-08-18 15:43	8423.803869	Other	NA	Electronic	7,586.60	7,589.10
UK100Cash	03-08-18	09:32-11:30			7,612.80	03-08-18 09:35	4224.498629	Other	NA	Electronic	7,612.80	7,614.30
UK100Cash	03-08-18	11:32-13:30			7,646.80	03-08-18 11:46	8474.856553	Other	NA	Electronic	7,646.80	7,648.30
UK100Cash	03-08-18	13:32-15:30			7,638.10	03-08-18 13:58	8477.076235	Other	NA	Electronic	7,638.10	7,639.60
UK100Cash	03-08-18	15:30-15:32	7,670.10	8497.053372								
UK100Cash	06-08-18	09:32-11:30			7,662.60	06-08-18 09:53	17007.86877	Other	NA	Electronic	7,662.60	7,664.10
UK100Cash	06-08-18	11:32-13:30			7,658.30	06-08-18 11:39	16817.64203	Other	NA	Electronic	7,658.30	7,659.80
UK100Cash	06-08-18	13:32-15:30			7,643.60	06-08-18 13:48	848.9839406	Other	NA	Electronic	7,642.10	7,643.60
UK100Cash	07-08-18	09:32-11:30			7,709.80	07-08-18 09:39	855.6651832	Other	NA	Electronic	7,708.30	7,709.80



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UK100Cash	07-08-18	11:32-13:30			7,728.60	07-08-18 11:58	5998.823569	Other	NA	Electronic	7,728.60	7,730.10
UK100Cash	07-08-18	13:32-15:30			7,739.60	07-08-18 14:04	851.0593432	Other	NA	Electronic	7,739.60	7,741.10
UK100Cash	07-08-18	15:32-17:30			7,716.10	07-08-18 15:34	6877.551247	Other	NA	Electronic	7,716.10	7,718.60
UK100Cash	08-08-18	09:32-11:30			7,755.10	08-08-18 09:42	3442.771051	Other	NA	Electronic	7,755.10	7,756.60
UK100Cash	08-08-18	11:32-13:30			7,782.60	08-08-18 11:35	8637.448254	Other	NA	Electronic	7,782.60	7,784.10
UK100Cash	08-08-18	13:32-15:30			7,768.10	08-08-18 13:35	8634.118731	Other	NA	Electronic	7,766.60	7,768.10
UK100Cash	08-08-18	15:32-17:30			7,778.10	08-08-18 15:36	861.8026037	Other	NA	Electronic	7,778.10	7,780.60
UK100Cash	09-08-18	09:32-11:30			7,724.60	09-08-18 10:36	8573.077478	Other	NA	Electronic	7,724.60	7,726.10
UK100Cash	09-08-18	11:30-11:32	7,717.85	1713.172702								
UK100Cash	09-08-18	13:30-13:32	7,738.60	8588.615251								
UK100Cash	09-08-18	15:32-17:30			7,742.60	09-08-18 15:38	8586.39557	Other	NA	Electronic	7,742.60	7,745.10
UK100Cash	10-08-18	09:32-11:30			7,683.60	10-08-18 09:44	4263.786999	Other	NA	Electronic	7,683.60	7,685.10
UK100Cash	10-08-18	11:32-13:30			7,687.60	10-08-18 11:41	1711.285973	Other	NA	Electronic	7,687.60	7,689.10
UK100Cash	10-08-18	13:32-15:30			7,685.10	10-08-18 13:44	8529.23876	Other	NA	Electronic	7,685.10	7,686.60
UK100Cash	10-08-18	15:32-17:30			7,666.30	10-08-18 15:35	850.837375	Other	NA	Electronic	7,666.30	7,668.80

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100Cash	13-08-18	09:32-11:30			7,633.30	13-08-18 09:44	2541.025271	Other	NA	Electronic	7,633.30	7,634.80
UK100Cash	13-08-18	11:32-13:30			7,624.60	13-08-18 11:36	5081.71759	Other	NA	Electronic	7,623.10	7,624.60
UK100Cash	13-08-18	13:32-15:30			7,653.30	13-08-18 14:07	849.3945818	Other	NA	Electronic	7,653.60	7,655.10
UK100Cash	13-08-18	15:32-17:30			7,633.10	13-08-18 16:32	8477.076235	Other	NA	Electronic	7,630.60	7,633.10
UK100Cash	14-08-18	09:32-11:30			7,643.10	14-08-18 09:47	848.262544	Other	NA	Electronic	7,641.60	7,643.10
UK100Cash	14-08-18	11:32-13:30			7,633.30	14-08-18 11:36	847.1748998	Other	NA	Electronic	7,631.80	7,633.30
UK100Cash	14-08-18	13:32-15:30			7,614.60	14-08-18 13:36	4231.157675	Other	NA	Electronic	7,614.60	7,616.10
UK100Cash	14-08-18	15:32-17:30			7,618.60	14-08-18 15:32	8455.434336	Other	NA	Electronic	7,618.60	7,621.10
UK100Cash	15-08-18	09:32-11:30			7,591.80	15-08-18 09:33	842.5690599	Other	NA	Electronic	7,591.80	7,593.30
UK100Cash	15-08-18	11:32-13:30			7,520.10	15-08-18 12:12	834.6115002	Other	NA	Electronic	7,520.10	7,521.60
UK100Cash	15-08-18	13:32-15:30			7,479.80	15-08-18 14:56	8301.388411	Other	NA	Electronic	7,478.30	7,479.80
UK100Cash	15-08-18	15:30-15:32	7,483.60	8305.605807								
UK100Cash	16-08-18	09:32-11:30			7,544.10	16-08-18 10:05	8323.363262	Other	NA	Electronic	7,544.10	7,545.60
UK100Cash	16-08-18	11:32-13:30			7,549.60	16-08-18 12:32	8377.745469	Other	NA	Electronic	7,549.60	7,551.10
UK100Cash	16-08-18	13:32-15:30			7,546.10	16-08-18 14:14	836.4427378	Other	NA	Electronic	7,544.60	7,546.10

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UK100Cash	16-08-18	15:32-17:30			7,562.80	16-08-18 15:46	8393.505211	Other	NA	Electronic	7,562.80	7,565.30
UK100Cash	17-08-18	09:32-11:30			7,544.10	17-08-18 09:46	8372.751185	Other	NA	Electronic	7,544.10	7,545.60
UK100Cash	17-08-18	11:32-13:30			7,531.60	17-08-18 11:55	8358.878173	Other	NA	Electronic	7,531.60	7,533.10
UK100Cash	17-08-18	13:32-15:30			7,523.60	17-08-18 13:38	4174.999723	Other	NA	Electronic	7,523.60	7,525.10
UK100Cash	17-08-18	15:30-15:32	7,558.60	8387.734038								
UK100Cash	20-08-18	09:32-11:30			7,595.30	20-08-18 10:01	1680.099442	Other	NA	Electronic	7,595.30	7,596.80
UK100Cash	20-08-18	11:32-13:30			7,585.30	20-08-18 12:13	841.8476632	Other	NA	Electronic	7,583.80	7,585.30
UK100Cash	20-08-18	13:32-15:30			7,589.10	20-08-18 13:34	842.2694028	Other	NA	Electronic	7,587.60	7,589.10
UK100Cash	20-08-18	15:32-17:30			7,594.10	20-08-18 15:39	842.8243233	Other	NA	Electronic	7,594.10	7,596.60
UK100Cash	21-08-18	09:32-11:30			7,583.10	21-08-18 10:26	8419.919426	Other	NA	Electronic	7,581.60	7,583.10
UK100Cash	21-08-18	11:32-13:30			7,585.60	21-08-18 11:39	841.6034982	Other	NA	Electronic	7,585.60	7,587.10
UK100Cash	21-08-18	13:32-15:30			7,590.60	21-08-18 13:33	8412.150539	Other	NA	Electronic	7,590.60	7,592.10
UK100Cash	21-08-18	15:32-17:30			7,576.60	21-08-18 15:54	8389.398799	Other	NA	Electronic	7,576.60	7,579.10
UK100Cash	22-08-18	09:32-11:30			7,595.10	22-08-18 10:20	842.3803869	Other	NA	Electronic	7,595.10	7,596.60
UK100Cash	22-08-18	11:30-11:32	7,591.60	841.2927427								

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UK100Cash	22-08-18	13:32-15:30			7,578.10	22-08-18 13:47	8410.485777	Other	NA	Electronic	7,576.60	7,578.10
UK100Cash	23-08-18	09:30-09:32	7,576.10	8408.266095								
UK100Cash	23-08-18	11:30-11:32	7,577.10	841.4925141								
UK100Cash	23-08-18	13:32-15:30			7,566.10	23-08-18 13:36	8410.485777	Other	NA	Electronic	7,564.60	7,566.10
UK100Cash	23-08-18	15:32-17:30			7,566.10	23-08-18 15:33	840.1052129	Other	NA	Electronic	7,563.60	7,566.10
UK100Cash	24-08-18	09:32-11:30			7,580.10	24-08-18 09:51	3365.082184	Other	NA	Electronic	7,578.60	7,580.10
UK100Cash	24-08-18	11:32-13:30			7,573.80	24-08-18 11:36	8405.713461	Other	NA	Electronic	7,573.80	7,575.30
UK100Cash	24-08-18	13:32-15:30			7,573.80	24-08-18 13:45	8405.713461	Other	NA	Electronic	7,572.30	7,573.80
UK100Cash	28-08-18	09:32-11:30			7,608.10	28-08-18 09:42	844.3226086	Other	NA	Electronic	7,608.10	7,609.60
UK100Cash	28-08-18	11:32-13:30			7,596.80	28-08-18 11:49	2531.46954	Other	NA	Electronic	7,595.30	7,596.80
UK100Cash	28-08-18	15:32-17:30			7,619.60	28-08-18 15:34	840.160705	Other	NA	Electronic	7,617.10	7,619.60
UK100Cash	29-08-18	09:32-11:30			7,577.60	29-08-18 09:37	8316.149296	Other	NA	Electronic	7,577.60	7,579.10
UK100Cash	29-08-18	13:32-15:30			7,590.60	29-08-18 13:50	8399.942288	Other	NA	Electronic	7,590.60	7,592.10
UK100Cash	30-08-18	09:32-11:30			7,519.10	30-08-18 09:32	8331.687069	Other	NA	Electronic	7,519.10	7,520.60
UK100Cash	30-08-18	11:32-13:30			7,522.60	30-08-18 11:46	8342.230558	Other	NA	Electronic	7,522.60	7,524.10

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UK100Cash	30-08-18	13:32-15:30			7,520.10	30-08-18 14:59	8340.010876	Other	NA	Electronic	7,520.10	7,521.60
UK100Cash	30-08-18	15:30-15:32	7,520.70	34225.69726								
UK100Cash	31-08-18	09:32-11:30			7,488.10	31-08-18 09:45	831.2597805	Other	NA	Electronic	7,486.60	7,488.10
UK100Cash	31-08-18	11:32-13:30			7,492.60	31-08-18 11:40	33262.3775	Other	NA	Electronic	7,492.60	7,494.10
UK100Cash	31-08-18	13:32-15:30			7,475.60	31-08-18 13:37	830.0611522	Other	NA	Electronic	7,474.10	7,475.60
UK100Cash	31-08-18	15:30-15:32	7,436.10	8252.888361								
UK100Cash	03-09-18	09:32-11:30			7,485.60	03-09-18 09:52	1663.562811	Other	NA	Electronic	7,485.60	7,487.10
UK100Cash	03-09-18	11:32-13:30			7,497.80	03-09-18 11:53	665709.2439	Other	NA	Electronic	7,496.30	7,497.80
UK100Cash	03-09-18	15:30-15:32	7,507.60	833.224199								
UK100Cash	04-09-18	09:30-09:32	7,502.60	16653.38557								
UK100Cash	04-09-18	11:32-13:30			7,465.10	04-09-18 11:40	24890.18124	Other	NA	Electronic	7,463.60	7,465.10
UK100Cash	04-09-18	13:32-15:30			7,445.60	04-09-18 13:44	8263.43185	Other	NA	Electronic	7,444.10	7,445.60
UK100Cash	04-09-18	15:32-17:30			7,451.10	04-09-18 15:47	828.0634385	Other	NA	Electronic	7,451.10	7,453.60
UK100Cash	05-09-18	09:32-11:30			7,433.60	05-09-18 09:58	8250.113759	Other	NA	Electronic	7,433.60	7,435.10
UK100Cash	05-09-18	11:30-11:32	7,426.30	823.8460429								

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UK100Cash	05-09-18	13:32-15:30			7,386.10	05-09-18 13:32	8200.170916	Other	NA	Electronic	7,384.60	7,386.10
UK100Cash	05-09-18	15:30-15:32	7,380.10	819.0737267								
UK100Cash	06-09-18	09:32-11:30			7,394.10	06-09-18 09:43	1641.255008	Other	NA	Electronic	7,394.10	7,395.60
UK100Cash	06-09-18	11:32-13:30			7,372.60	06-09-18 12:46	3272.965384	Other	NA	Electronic	7,372.60	7,374.10
UK100Cash	06-09-18	13:32-15:30			7,368.60	06-09-18 13:37	3272.965384	Other	NA	Electronic	7,367.10	7,368.60
UK100Cash	06-09-18	15:32-17:30			7,313.10	06-09-18 15:46	8116.377923	Other	NA	Electronic	7,310.60	7,313.10
UK100Cash	07-09-18	09:32-11:30			7,293.60	07-09-18 09:33	8094.736024	Other	NA	Electronic	7,292.10	7,293.60
UK100Cash	07-09-18	11:32-13:30			7,254.60	07-09-18 11:53	40257.26113	Other	NA	Electronic	7,253.10	7,254.60
UK100Cash	07-09-18	13:32-15:30			7,251.80	07-09-18 13:47	8052.007147	Other	NA	Electronic	7,251.60	7,253.10
UK100Cash	07-09-18	15:32-17:30			7,271.80	07-09-18 15:33	8071.429364	Other	NA	Electronic	7,269.30	7,271.80
UK100Cash	10-09-18	09:32-11:30			7,288.10	10-09-18 09:52	8088.631899	Other	NA	Electronic	7,286.60	7,288.10
UK100Cash	10-09-18	11:32-13:30			7,302.10	10-09-18 11:45	16208.33934	Other	NA	Electronic	7,300.60	7,302.10
UK100Cash	10-09-18	13:32-15:30			7,282.60	10-09-18 13:53	40412.63887	Other	NA	Electronic	7,282.60	7,284.10
UK100Cash	10-09-18	15:32-17:30			7,274.60	10-09-18 16:22	48468.53046	Other	NA	Electronic	7,272.10	7,274.60
UK100Cash	11-09-18	09:32-11:30			7,225.80	11-09-18 09:38	8465.422905	Other	NA	Electronic	7,225.80	7,227.30

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100Cash	11-09-18	11:32-13:30			7,237.60	11-09-18 12:36	1610.95635	Other	NA	Electronic	7,236.10	7,237.60
UK100Cash	11-09-18	13:32-15:30			7,246.60	11-09-18 13:48	8028.700487	Other	NA	Electronic	7,246.60	7,248.10
UK100Cash	11-09-18	15:32-17:30			7,270.10	11-09-18 15:33	8068.654762	Other	NA	Electronic	7,270.10	7,272.60
UK100Cash	12-09-18	09:30-09:32	7,251.80	8048.344672								
UK100Cash	12-09-18	11:30-11:32	7,290.30	80814.17933								
UK100Cash	12-09-18	13:32-15:30			7,305.10	12-09-18 13:41	8107.499195	Other	NA	Electronic	7,305.10	7,306.60
UK100Cash	12-09-18	15:32-17:30			7,300.60	12-09-18 15:48	810.2504911	Other	NA	Electronic	7,298.10	7,300.60
UK100Cash	13-09-18	09:32-11:30			7,279.10	13-09-18 09:33	8113.825289	Other	NA	Electronic	7,279.10	7,280.60
UK100Cash	13-09-18	11:32-13:30			7,300.60	13-09-18 11:39	89127.55402	Other	NA	Electronic	7,299.10	7,300.60
UK100Cash	13-09-18	13:32-15:30			7,290.10	13-09-18 13:55	8090.851581	Other	NA	Electronic	7,288.60	7,290.10
UK100Cash	13-09-18	15:32-17:30			7,283.30	13-09-18 15:35	808.3304662	Other	NA	Electronic	7,280.80	7,283.30
UK100Cash	14-09-18	09:32-11:30			7,295.80	14-09-18 10:01	40312.75318	Other	NA	Electronic	7,295.80	7,297.30
UK100Cash	14-09-18	11:30-11:32	7,298.60	105303.708								
UK100Cash	14-09-18	13:32-15:30			7,310.10	14-09-18 13:47	811.30484	Other	NA	Electronic	7,308.60	7,310.10
UK100Cash	14-09-18	15:32-17:30			7,295.80	14-09-18 16:01	97210.0818	Other	NA	Electronic	7,293.30	7,295.80

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UK100Cash	17-09-18	09:32-11:30			7,269.60	17-09-18 09:32	104914.1538	Other	NA	Electronic	7,268.10	7,269.60
UK100Cash	17-09-18	11:32-13:30			7,297.80	17-09-18 11:37	8099.397356	Other	NA	Electronic	7,296.30	7,297.80
UK100Cash	17-09-18	13:32-15:30			7,305.10	17-09-18 13:37	4034.604841	Other	NA	Electronic	7,303.60	7,305.10
UK100Cash	17-09-18	15:32-17:30			7,291.10	17-09-18 17:13	8091.961422	Other	NA	Electronic	7,288.60	7,291.10
UK100Cash	18-09-18	09:30-09:32	7,312.30	24365.78138								
UK100Cash	18-09-18	11:32-13:30			7,306.10	18-09-18 11:45	56760.26325	Other	NA	Electronic	7,304.60	7,306.10
UK100Cash	18-09-18	13:32-15:30			7,299.60	18-09-18 13:32	8086.967138	Other	NA	Electronic	7,298.10	7,299.60
UK100Cash	18-09-18	15:30-15:32	7,293.80	4857.174567								
UK100Cash	19-09-18	09:30-09:32	7,300.10	8101.949991								
UK100Cash	19-09-18	11:30-11:32	7,327.10	812.6366492								
UK100Cash	19-09-18	13:32-15:30			7,330.10	19-09-18 13:33	8135.245219	Other	NA	Electronic	7,330.10	7,331.60
UK100Cash	19-09-18	15:32-17:30			7,340.30	19-09-18 17:06	8146.565597	Other	NA	Electronic	7,340.30	7,342.80
UK100Cash	20-09-18	09:32-11:30			7,341.10	20-09-18 09:35	814.745347	Other	NA	Electronic	7,341.10	7,342.60
UK100Cash	20-09-18	11:32-13:30			7,342.60	20-09-18 12:05	815.4112516	Other	NA	Electronic	7,341.10	7,342.60
UK100Cash	20-09-18	13:32-15:30			7,365.60	20-09-18 13:34	16328.20217	Other	NA	Electronic	7,365.60	7,367.10



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UK100Cash	21-09-18	09:32-11:30			7,432.30	21-09-18 09:52	8249.003918	Other	NA	Electronic	7,432.30	7,433.80
UK100Cash	21-09-18	11:32-13:30			7,423.80	21-09-18 11:37	19774.16956	Other	NA	Electronic	7,423.80	7,425.30
UK100Cash	21-09-18	13:32-15:30			7,475.60	21-09-18 13:37	829.6727079	Other	NA	Electronic	7,474.10	7,475.60
UK100Cash	21-09-18	15:32-17:30			7,489.80	21-09-18 15:45	830.1166443	Other	NA	Electronic	7,489.80	7,492.30
UK100Cash	24-09-18	09:32-11:30			7,468.60	24-09-18 09:51	8288.958192	Other	NA	Electronic	7,468.60	7,470.10
UK100Cash	24-09-18	11:32-13:30			7,467.10	24-09-18 12:21	8287.293431	Other	NA	Electronic	7,467.10	7,468.60
UK100Cash	24-09-18	13:32-15:30			7,472.10	24-09-18 13:36	8292.842636	Other	NA	Electronic	7,472.10	7,473.60
UK100Cash	24-09-18	15:32-17:30			7,460.10	24-09-18 15:37	4970.511526	Other	NA	Electronic	7,457.60	7,460.10
UK100Cash	25-09-18	09:32-11:30			7,492.60	25-09-18 10:34	828.7848351	Other	NA	Electronic	7,491.10	7,492.60
UK100Cash	25-09-18	11:32-13:30			7,494.10	25-09-18 11:45	8317.259137	Other	NA	Electronic	7,494.10	7,495.60
UK100Cash	25-09-18	13:32-15:30			7,517.10	25-09-18 13:33	832.8024594	Other	NA	Electronic	7,515.60	7,517.10
UK100Cash	25-09-18	15:32-17:30			7,510.10	25-09-18 15:34	5834.511614	Other	NA	Electronic	7,507.60	7,510.10
UK100Cash	26-09-18	09:32-11:30			7,511.60	26-09-18 09:40	5834.511614	Other	NA	Electronic	7,511.60	7,513.10
UK100Cash	26-09-18	11:32-13:30			7,506.10	26-09-18 11:42	8330.577228	Other	NA	Electronic	7,506.10	7,507.60
UK100Cash	26-09-18	13:32-15:30			7,494.80	26-09-18 13:37	2495.410808	Other	NA	Electronic	7,494.80	7,496.30

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UK100Cash	26-09-18	15:32-17:30			7,514.10	26-09-18 16:00	833.9455956	Other	NA	Electronic	7,514.10	7,516.60
UK100Cash	27-09-18	09:32-11:30			7,517.10	27-09-18 09:57	834.2785479	Other	NA	Electronic	7,515.60	7,517.10
UK100Cash	27-09-18	11:32-13:30			7,533.10	27-09-18 11:39	836.0542934	Other	NA	Electronic	7,533.10	7,534.60
UK100Cash	27-09-18	13:32-15:30			7,533.60	27-09-18 13:48	8361.097855	Other	NA	Electronic	7,532.10	7,533.60
UK100Cash	27-09-18	15:32-17:30			7,552.10	27-09-18 16:04	837.9077278	Other	NA	Electronic	7,552.10	7,554.60
UK100Cash	28-09-18	09:30-09:32	7,533.60	8361.097855								
UK100Cash	28-09-18	11:32-13:30			7,487.80	28-09-18 11:43	167288.5476	Other	NA	Electronic	7,486.30	7,487.80
UK100Cash	28-09-18	13:32-15:30			7,533.60	28-09-18 13:40	8361.097855	Other	NA	Electronic	7,533.60	7,535.10
UK100Cash	28-09-18	15:32-17:30			7,513.60	28-09-18 15:36	5838.784502	Other	NA	Electronic	7,511.10	7,513.60
UK100-DEC18	25-09-18	09:32-11:30			7,464.00	25-09-18 11:01	8249.447854	Other	NA	Electronic	7,458.00	7,464.00
UK100-DEC18	26-09-18	09:32-11:30			7,484.00	26-09-18 10:26	4153.024872	Other	NA	Electronic	7,478.00	7,484.00
UK100-DEC18	26-09-18	13:32-15:30			7,460.00	26-09-18 14:09	4153.024872	Other	NA	Electronic	7,460.00	7,466.00
UK100-DEC18	27-09-18	11:32-13:30			7,519.00	27-09-18 12:50	8256.1069	Other	NA	Electronic	7,513.00	7,519.00
UK100-DEC18	28-09-18	09:32-11:30			7,490.00	28-09-18 09:55	4156.354394	Other	NA	Electronic	7,490.00	7,496.00
UK100-DEC18	28-09-18	11:32-13:30			7,450.00	28-09-18 11:46	6634.185321	Other	NA	Electronic	7,444.00	7,450.00

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UK100-SEP18	02-07-18	13:32-15:30			7,501.00	02-07-18 14:56	41646.78202	Other	NA	Electronic	7,495.00	7,501.00
UK100-SEP18	02-07-18	15:32-17:30			7,489.00	02-07-18 15:35	8311.598948	Other	NA	Electronic	7,483.00	7,489.00
UK100-SEP18	03-07-18	15:32-17:30			7,531.00	03-07-18 15:42	2507.46368	Other	NA	Electronic	7,525.00	7,531.00
UK100-SEP18	04-07-18	11:32-13:30			7,518.00	04-07-18 13:27	1668.090963	Other	NA	Electronic	7,518.00	7,524.00
UK100-SEP18	04-07-18	13:32-15:30			7,514.00	04-07-18 15:20	833.9344972	Other	NA	Electronic	7,508.00	7,514.00
UK100-SEP18	05-07-18	13:32-15:30			7,553.00	05-07-18 13:38	824.8338013	Other	NA	Electronic	7,547.00	7,553.00
UK100-SEP18	05-07-18	15:32-17:30			7,546.00	05-07-18 15:42	4180.770896	Other	NA	Electronic	7,546.00	7,552.00
UK100-SEP18	06-07-18	09:32-11:30			7,529.00	06-07-18 09:49	8355.992586	Other	NA	Electronic	7,529.00	7,535.00
UK100-SEP18	06-07-18	13:32-15:30			7,541.00	06-07-18 14:56	4184.655339	Other	NA	Electronic	7,535.00	7,541.00
UK100-SEP18	06-07-18	15:32-17:30			7,557.00	06-07-18 15:33	8381.518928	Other	NA	Electronic	7,557.00	7,563.00
UK100-SEP18	09-07-18	13:32-15:30			7,594.00	09-07-18 14:29	5899.692574	Other	NA	Electronic	7,595.00	7,601.00
UK100-SEP18	09-07-18	15:32-17:30			7,647.00	09-07-18 16:00	848.695382	Other	NA	Electronic	7,641.00	7,647.00
UK100-SEP18	10-07-18	09:32-11:30			7,656.00	10-07-18 10:27	16938.39273	Other	NA	Electronic	7,650.00	7,656.00
UK100-SEP18	10-07-18	13:32-15:30			7,637.00	10-07-18 13:37	845.8097955	Other	NA	Electronic	7,637.00	7,643.00
UK100-SEP18	11-07-18	15:32-17:30			7,526.00	11-07-18 15:32	835.2663063	Other	NA	Electronic	7,526.00	7,532.00

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UK100-SEP18	12-07-18	13:32-15:30			7,587.00	12-07-18 14:21	5894.254353	Other	NA	Electronic	7,587.00	7,593.00
UK100-SEP18	13-07-18	09:32-11:30			7,629.00	13-07-18 10:57	21167.44171	Other	NA	Electronic	7,623.00	7,629.00
UK100-SEP18	13-07-18	11:32-13:30			7,619.00	13-07-18 13:25	42296.03898	Other	NA	Electronic	7,613.00	7,619.00
UK100-SEP18	13-07-18	13:32-15:30			7,617.00	13-07-18 13:37	8453.658591	Other	NA	Electronic	7,617.00	7,623.00
UK100-SEP18	16-07-18	09:32-11:30			7,506.00	16-07-18 11:25	1666.093249	Other	NA	Electronic	7,500.00	7,506.00
UK100-SEP18	16-07-18	11:32-13:30			7,509.00	16-07-18 11:35	8333.795767	Other	NA	Electronic	7,503.00	7,509.00
UK100-SEP18	16-07-18	13:32-15:30			7,539.00	16-07-18 13:52	8333.795767	Other	NA	Electronic	7,539.00	7,545.00
UK100-SEP18	16-07-18	15:32-17:30			7,544.00	16-07-18 17:25	8365.981155	Other	NA	Electronic	7,544.00	7,550.00
UK100-SEP18	17-07-18	13:32-15:30			7,577.00	17-07-18 14:37	840.9264952	Other	NA	Electronic	7,571.00	7,577.00
UK100-SEP18	18-07-18	13:32-15:30			7,607.00	18-07-18 14:03	16885.12036	Other	NA	Electronic	7,607.00	7,613.00
UK100-SEP18	20-07-18	11:32-13:30			7,580.00	20-07-18 13:05	837.5969724	Other	NA	Electronic	7,574.00	7,580.00
UK100-SEP18	20-07-18	13:32-15:30			7,610.00	20-07-18 14:38	16891.77941	Other	NA	Electronic	7,610.00	7,616.00
UK100-SEP18	23-07-18	09:32-11:30			7,584.00	23-07-18 10:21	16834.06768	Other	NA	Electronic	7,584.00	7,590.00
UK100-SEP18	23-07-18	11:32-13:30			7,602.00	23-07-18 12:01	16874.02195	Other	NA	Electronic	7,602.00	7,608.00
UK100-SEP18	23-07-18	13:32-15:30			7,599.00	23-07-18 14:28	16874.02195	Other	NA	Electronic	7,593.00	7,599.00

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UK100-SEP18	24-07-18	09:32-11:30			7,667.00	24-07-18 09:38	8401.496066	Other	NA	Electronic	7,661.00	7,667.00
UK100-SEP18	24-07-18	11:32-13:30			7,659.00	24-07-18 11:44	1700.054382	Other	NA	Electronic	7,653.00	7,659.00
UK100-SEP18	24-07-18	13:32-15:30			7,664.00	24-07-18 14:28	841.4814157	Other	NA	Electronic	7,664.00	7,670.00
UK100-SEP18	24-07-18	15:32-17:30			7,651.00	24-07-18 16:58	8491.393183	Other	NA	Electronic	7,651.00	7,657.00
UK100-SEP18	25-07-18	11:32-13:30			7,582.00	25-07-18 11:34	1682.962831	Other	NA	Electronic	7,576.00	7,582.00
UK100-SEP18	25-07-18	13:32-15:30			7,596.00	25-07-18 14:42	8402.605907	Other	NA	Electronic	7,590.00	7,596.00
UK100-SEP18	27-07-18	09:32-11:30			7,645.00	27-07-18 09:49	851.5809684	Other	NA	Electronic	7,645.00	7,651.00
UK100-SEP18	27-07-18	13:32-15:30			7,653.00	27-07-18 14:03	8493.612865	Other	NA	Electronic	7,653.00	7,659.00
UK100-SEP18	27-07-18	15:32-17:30			7,644.00	27-07-18 15:34	8490.283342	Other	NA	Electronic	7,638.00	7,644.00
UK100-SEP18	30-07-18	13:32-15:30			7,641.00	30-07-18 13:46	8480.294774	Other	NA	Electronic	7,641.00	7,647.00
UK100-SEP18	30-07-18	15:32-17:30			7,640.00	30-07-18 16:05	8481.404615	Other	NA	Electronic	7,634.00	7,640.00
UK100-SEP18	31-07-18	09:32-11:30			7,660.00	31-07-18 10:11	846.0317636	Other	NA	Electronic	7,660.00	7,666.00
UK100-SEP18	31-07-18	11:32-13:30			7,684.00	31-07-18 12:15	42640.08968	Other	NA	Electronic	7,684.00	7,690.00
UK100-SEP18	01-08-18	09:32-11:30			7,609.00	01-08-18 10:20	8444.779863	Other	NA	Electronic	7,603.00	7,609.00
UK100-SEP18	01-08-18	11:32-13:30			7,592.00	01-08-18 12:52	854.577539	Other	NA	Electronic	7,592.00	7,598.00

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UK100-SEP18	01-08-18	13:32-15:30			7,609.00	01-08-18 14:24	25334.33959	Other	NA	Electronic	7,603.00	7,609.00
UK100-SEP18	01-08-18	15:32-17:30			7,585.00	01-08-18 16:01	25334.33959	Other	NA	Electronic	7,585.00	7,591.00
UK100-SEP18	02-08-18	09:32-11:30			7,505.00	02-08-18 11:22	8329.356403	Other	NA	Electronic	7,499.00	7,505.00
UK100-SEP18	02-08-18	11:32-13:30			7,514.00	02-08-18 11:47	8339.344972	Other	NA	Electronic	7,508.00	7,514.00
UK100-SEP18	03-08-18	09:32-11:30			7,574.00	03-08-18 10:45	8384.848451	Other	NA	Electronic	7,568.00	7,574.00
UK100-SEP18	03-08-18	13:32-15:30			7,597.00	03-08-18 14:42	833.2685926	Other	NA	Electronic	7,597.00	7,603.00
UK100-SEP18	06-08-18	09:32-11:30			7,600.00	06-08-18 09:52	843.4791294	Other	NA	Electronic	7,594.00	7,600.00
UK100-SEP18	06-08-18	13:32-15:30			7,593.00	06-08-18 14:09	845.1438909	Other	NA	Electronic	7,587.00	7,593.00
UK100-SEP18	06-08-18	15:32-17:30			7,606.00	06-08-18 16:31	8534.676981	Other	NA	Electronic	7,606.00	7,612.00
UK100-SEP18	07-08-18	09:32-11:30			7,679.00	07-08-18 11:00	85224.6873	Other	NA	Electronic	7,673.00	7,679.00
UK100-SEP18	07-08-18	11:32-13:30			7,679.00	07-08-18 12:03	852.246873	Other	NA	Electronic	7,673.00	7,679.00
UK100-SEP18	07-08-18	13:30-13:32	7,681.00	852.4688412								
UK100-SEP18	08-08-18	09:32-11:30			7,696.00	08-08-18 10:00	8536.896663	Other	NA	Electronic	7,696.00	7,702.00
UK100-SEP18	08-08-18	13:32-15:30			7,695.00	08-08-18 13:57	8574.631255	Other	NA	Electronic	7,689.00	7,695.00
UK100-SEP18	09-08-18	11:32-13:30			7,694.00	09-08-18 11:33	25617.34903	Other	NA	Electronic	7,694.00	7,700.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
UK100-SEP18	10-08-18	09:32-11:30			7,662.00	10-08-18 10:01	8503.601434	Other	NA	Electronic	7,662.00	7,668.00
UK100-SEP18	15-08-18	09:32-11:30			7,532.00	15-08-18 10:16	8428.132249	Other	NA	Electronic	7,532.00	7,538.00
UK100-SEP18	15-08-18	13:32-15:30			7,464.00	15-08-18 14:42	828.3852924	Other	NA	Electronic	7,464.00	7,470.00
UK100-SEP18	17-08-18	13:32-15:30			7,533.00	17-08-18 15:07	836.043195	Other	NA	Electronic	7,527.00	7,533.00
UK100-SEP18	17-08-18	15:30-15:32	7,550.50	1676.525754								
UK100-SEP18	21-08-18	09:32-11:30			7,569.00	21-08-18 11:03	8400.386225	Other	NA	Electronic	7,563.00	7,569.00
UK100-SEP18	21-08-18	13:32-15:30			7,550.00	21-08-18 14:34	8400.386225	Other	NA	Electronic	7,550.00	7,556.00
UK100-SEP18	21-08-18	15:32-17:30			7,576.00	21-08-18 16:24	8408.155111	Other	NA	Electronic	7,570.00	7,576.00
UK100-SEP18	22-08-18	09:32-11:30			7,565.00	22-08-18 09:34	8395.946861	Other	NA	Electronic	7,565.00	7,571.00
UK100-SEP18	23-08-18	13:32-15:30			7,565.00	23-08-18 14:13	8395.946861	Other	NA	Electronic	7,565.00	7,571.00
UK100-SEP18	28-08-18	13:32-15:30			7,630.00	28-08-18 14:05	8429.24209	Other	NA	Electronic	7,624.00	7,630.00
UK100-SEP18	03-09-18	09:32-11:30			7,490.00	03-09-18 11:27	8312.708789	Other	NA	Electronic	7,490.00	7,496.00
UK100-SEP18	03-09-18	11:32-13:30			7,503.00	03-09-18 11:37	8312.708789	Other	NA	Electronic	7,497.00	7,503.00
UK100-SEP18	04-09-18	09:32-11:30			7,473.00	04-09-18 10:37	8293.841493	Other	NA	Electronic	7,473.00	7,479.00
UK100-SEP18	06-09-18	13:32-15:30			7,320.00	06-09-18 15:11	8293.841493	Other	NA	Electronic	7,314.00	7,320.00

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UK100-SEP18	07-09-18	09:32-11:30			7,277.00	07-09-18 09:54	8449.219227	Other	NA	Electronic	7,277.00	7,283.00
UK100-SEP18	07-09-18	11:32-13:30			7,250.00	07-09-18 12:03	804.6346958	Other	NA	Electronic	7,244.00	7,250.00
UK100-SEP18	11-09-18	09:32-11:30			7,242.00	11-09-18 10:51	40242.8332	Other	NA	Electronic	7,236.00	7,242.00
UK100-SEP18	12-09-18	09:32-11:30			7,289.00	12-09-18 10:59	8089.630756	Other	NA	Electronic	7,283.00	7,289.00
UK100-SEP18	12-09-18	13:32-15:30			7,308.00	12-09-18 13:37	16101.57264	Other	NA	Electronic	7,302.00	7,308.00
UK100-SEP18	13-09-18	09:30-09:32	7,282.00	32327.44748								
UK100-SEP18	13-09-18	15:32-17:30			7,281.00	13-09-18 15:41	48484.51217	Other	NA	Electronic	7,280.00	7,286.00
UK100-SEP18	14-09-18	11:32-13:30			7,299.00	14-09-18 11:46	8128.47519	Other	NA	Electronic	7,299.00	7,305.00
UK100-SEP18	18-09-18	09:32-11:30			7,309.00	18-09-18 09:33	8111.827575	Other	NA	Electronic	7,309.00	7,315.00
UK100-SEP18	18-09-18	11:32-13:30			7,305.00	18-09-18 13:03	1621.477642	Other	NA	Electronic	7,299.00	7,305.00
UK100-SEP18	18-09-18	15:32-17:30			7,306.00	18-09-18 16:28	1621.477642	Other	NA	Electronic	7,306.00	7,312.00
UK100-SEP18	19-09-18	11:32-13:30			7,313.00	19-09-18 12:16	8116.266939	Other	NA	Electronic	7,307.00	7,313.00
UK100-SEP18	19-09-18	13:32-15:30			7,339.00	19-09-18 15:08	814.5122804	Other	NA	Electronic	7,333.00	7,339.00
Ultr Beauty	31-08-18	13:32-15:30			264.12	31-08-18 14:20	2322.750857	Other	NA	Electronic	264.12	265.06
Umicore	23-07-18	13:32-15:30			50.665	23-07-18 14:20	522.35	Other	NA	Electronic	50.665	50.895



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Under Armour	02-07-18	13:32-15:30			22.32	02-07-18 14:24	402.4272272	Other	NA	Electronic	22.32	22.38
Under Armour	20-07-18	13:32-15:30			22.3	20-07-18 13:40	196.1129188	Other	NA	Electronic	22.22	22.3
Under Armour	27-07-18	15:32-17:30			20.26	27-07-18 16:59	196.1129188	Other	NA	Electronic	20.26	20.33
Under Armour	10-08-18	13:32-15:30			20.75	10-08-18 13:41	182.4817518	Other	NA	Electronic	20.75	20.81
Under Armour	26-09-18	13:32-15:30			20.46	26-09-18 13:51	179.9314044	Other	NA	Electronic	20.39	20.46
UniCredit	02-07-18	09:32-11:30			14.127	02-07-18 10:45	179.97	Other	NA	Electronic	14.127	14.167
UniCredit	02-07-18	13:32-15:30			14.215	02-07-18 14:13	142.15	Other	NA	Electronic	14.173	14.215
UniCredit	03-07-18	09:32-11:30			14.549	03-07-18 09:44	145.11	Other	NA	Electronic	14.549	14.591
UniCredit	03-07-18	11:32-13:30			14.615	03-07-18 13:17	146.15	Other	NA	Electronic	14.615	14.653
UniCredit	03-07-18	13:32-15:30			14.637	03-07-18 14:18	146.37	Other	NA	Electronic	14.601	14.637
UniCredit	04-07-18	11:32-13:30			14.621	04-07-18 12:23	146.21	Other	NA	Electronic	14.581	14.621
UniCredit	05-07-18	09:32-11:30			14.949	05-07-18 10:01	146.23	Other	NA	Electronic	14.909	14.949
UniCredit	05-07-18	11:32-13:30			14.827	05-07-18 12:40	296.54	Other	NA	Electronic	14.785	14.827
UniCredit	05-07-18	13:32-15:30			14.683	05-07-18 15:07	296.54	Other	NA	Electronic	14.683	14.721
UniCredit	11-07-18	09:32-11:30			14.311	11-07-18 11:08	572.44	Other	NA	Electronic	14.311	14.351

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UniCredit	11-07-18	11:32-13:30			14.381	11-07-18 12:19	572.44	Other	NA	Electronic	14.339	14.381
UniCredit	13-07-18	09:32-11:30			14.347	13-07-18 10:36	143.47	Other	NA	Electronic	14.347	14.385
UniCredit	16-07-18	11:32-13:30			14.295	16-07-18 12:59	142.95	Other	NA	Electronic	14.295	14.333
UniCredit	16-07-18	13:32-15:30			14.371	16-07-18 15:11	142.95	Other	NA	Electronic	14.335	14.371
UniCredit	17-07-18	09:32-11:30			14.347	17-07-18 11:26	143.47	Other	NA	Electronic	14.307	14.347
UniCredit	17-07-18	11:32-13:30			14.271	17-07-18 12:17	142.95	Other	NA	Electronic	14.235	14.271
UniCredit	19-07-18	13:32-15:30			13.961	19-07-18 13:42	139.61	Other	NA	Electronic	13.961	13.997
UniCredit	20-07-18	13:32-15:30			13.911	20-07-18 14:24	139.11	Other	NA	Electronic	13.911	13.953
UniCredit	25-07-18	09:32-11:30			14.565	25-07-18 10:06	145.65	Other	NA	Electronic	14.527	14.565
UniCredit	25-07-18	11:32-13:30			14.575	25-07-18 12:40	145.65	Other	NA	Electronic	14.575	14.613
UniCredit	26-07-18	11:32-13:30			14.777	26-07-18 12:15	1458.5	Other	NA	Electronic	14.777	14.815
UniCredit	27-07-18	09:32-11:30			14.875	27-07-18 11:29	148.75	Other	NA	Electronic	14.831	14.875
UniCredit	27-07-18	11:32-13:30			14.881	27-07-18 12:30	148.75	Other	NA	Electronic	14.881	14.921
UniCredit	30-07-18	13:32-15:30			14.889	30-07-18 13:37	743.45	Other	NA	Electronic	14.889	14.925
UniCredit	02-08-18	09:32-11:30			14.311	02-08-18 10:22	438.45	Other	NA	Electronic	14.271	14.311

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UniCredit	07-08-18	11:32-13:30			14.873	07-08-18 12:59	148.73	Other	NA	Electronic	14.873	14.911
UniCredit	09-08-18	09:32-11:30			14.549	09-08-18 10:56	145.49	Other	NA	Electronic	14.509	14.549
UniCredit	09-08-18	11:32-13:30			14.417	09-08-18 12:59	148.73	Other	NA	Electronic	14.379	14.417
UniCredit	10-08-18	09:32-11:30			14.017	10-08-18 09:33	420.51	Other	NA	Electronic	13.977	14.017
UniCredit	10-08-18	11:32-13:30			13.653	10-08-18 13:27	819.18	Other	NA	Electronic	13.653	13.717
UniCredit	10-08-18	13:32-15:30			13.515	10-08-18 13:54	135.15	Other	NA	Electronic	13.515	13.555
UniCredit	13-08-18	09:32-11:30			13.293	13-08-18 10:15	664.65	Other	NA	Electronic	13.293	13.333
UniCredit	16-08-18	11:32-13:30			13.017	16-08-18 12:26	145.49	Other	NA	Electronic	13.017	13.055
UniCredit	17-08-18	09:32-11:30			12.939	17-08-18 09:36	658.45	Other	NA	Electronic	12.897	12.939
UniCredit	17-08-18	11:32-13:30			12.931	17-08-18 13:02	646.55	Other	NA	Electronic	12.931	12.971
UniCredit	20-08-18	09:32-11:30			12.899	20-08-18 10:42	644.95	Other	NA	Electronic	12.899	12.939
UniCredit	21-08-18	09:32-11:30			13.323	21-08-18 10:26	140.31	Other	NA	Electronic	13.281	13.323
UniCredit	21-08-18	13:32-15:30			13.225	21-08-18 14:05	396.87	Other	NA	Electronic	13.225	13.265
UniCredit	27-08-18	09:32-11:30			13.001	27-08-18 09:59	130.01	Other	NA	Electronic	12.961	13.001
UniCredit	27-08-18	11:32-13:30			12.971	27-08-18 13:14	129.71	Other	NA	Electronic	12.971	13.007

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UniCredit	27-08-18	13:32-15:30			13.055	27-08-18 13:48	129.71	Other	NA	Electronic	13.017	13.055
UniCredit	28-08-18	11:32-13:30			12.815	28-08-18 13:20	128.83	Other	NA	Electronic	12.775	12.815
UniCredit	30-08-18	09:32-11:30			12.701	30-08-18 10:45	635.05	Other	NA	Electronic	12.701	12.741
UniCredit	31-08-18	09:32-11:30			12.509	31-08-18 09:59	130.01	Other	NA	Electronic	12.509	12.549
UniCredit	03-09-18	09:32-11:30			12.501	03-09-18 10:11	123.81	Other	NA	Electronic	12.461	12.501
UniCredit	04-09-18	09:32-11:30			12.695	04-09-18 10:27	634.75	Other	NA	Electronic	12.695	12.735
UniCredit	05-09-18	11:32-13:30			13.447	05-09-18 12:36	134.47	Other	NA	Electronic	13.405	13.447
UniCredit	06-09-18	09:32-11:30			13.323	06-09-18 09:38	134.47	Other	NA	Electronic	13.323	13.361
UniCredit	11-09-18	11:32-13:30			13.279	11-09-18 13:05	663.95	Other	NA	Electronic	13.279	13.317
UniCredit	12-09-18	09:32-11:30			13.227	12-09-18 09:56	663.95	Other	NA	Electronic	13.189	13.227
UniCredit	17-09-18	11:32-13:30			13.655	17-09-18 12:02	273.1	Other	NA	Electronic	13.617	13.655
UniCredit	20-09-18	09:32-11:30			14.237	20-09-18 11:22	706.25	Other	NA	Electronic	14.197	14.237
UniCredit	20-09-18	11:32-13:30			14.203	20-09-18 12:42	710.15	Other	NA	Electronic	14.203	14.239
UniCredit	21-09-18	11:32-13:30			14.063	21-09-18 12:59	281.26	Other	NA	Electronic	14.063	14.101
UniCredit	24-09-18	09:32-11:30			13.943	24-09-18 10:23	697.15	Other	NA	Electronic	13.943	13.983

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UniCredit	26-09-18	11:32-13:30			14.247	26-09-18 12:25	142.47	Other	NA	Electronic	14.211	14.247
UniCredit	27-09-18	09:32-11:30			13.663	27-09-18 09:55	136.63	Other	NA	Electronic	13.663	13.703
UniCredit	27-09-18	11:32-13:30			13.757	27-09-18 12:00	136.63	Other	NA	Electronic	13.717	13.757
UniCredit	28-09-18	09:32-11:30			12.997	28-09-18 09:33	137.11	Other	NA	Electronic	12.997	13.037
UniCredit	28-09-18	11:30-11:32	12.705	130.33								
Unilever	05-07-18	11:32-13:30			42.25	05-07-18 11:52	9361.508496	Other	NA	Electronic	42.25	42.32
Unilever	09-07-18	09:32-11:30			42.09	09-07-18 10:21	4671.3206	Other	NA	Electronic	42.09	42.155
Unilever	09-07-18	13:30-13:32	42.005	4671.3206								
Unilever	18-07-18	09:32-11:30			42.345	18-07-18 09:53	9390.364361	Other	NA	Electronic	42.345	42.41
Unilever	19-07-18	09:32-11:30			42.61	19-07-18 09:50	4697.401862	Other	NA	Electronic	42.61	42.685
Unilever	20-07-18	11:32-13:30			43.82	20-07-18 12:25	4863.323086	Other	NA	Electronic	43.75	43.82
Unilever	06-08-18	09:32-11:30			44.015	06-08-18 10:16	4879.41578	Other	NA	Electronic	44.015	44.085
Unilever	08-08-18	11:32-13:30			44.425	08-08-18 13:18	4926.0291	Other	NA	Electronic	44.425	44.49
Unilever	15-08-18	11:32-13:30			43.575	15-08-18 12:08	4836.131982	Other	NA	Electronic	43.505	43.575
Unilever	16-08-18	11:32-13:30			43.765	16-08-18 13:00	4857.218961	Other	NA	Electronic	43.765	43.83

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Unilever	16-08-18	13:32-15:30			44.1	16-08-18 14:50	4857.218961	Other	NA	Electronic	44.03	44.1
Unilever	21-08-18	11:32-13:30			44.35	21-08-18 13:04	4907.716724	Other	NA	Electronic	44.35	44.42
Unilever	21-08-18	13:32-15:30			44.175	21-08-18 14:59	4902.72244	Other	NA	Electronic	44.11	44.175
Unilever	22-08-18	09:32-11:30			44.555	22-08-18 10:48	4902.72244	Other	NA	Electronic	44.555	44.625
Unilever	24-08-18	09:32-11:30			44.38	24-08-18 11:05	4925.47418	Other	NA	Electronic	44.31	44.38
Unilever	24-08-18	11:32-13:30			44.225	24-08-18 12:31	4925.47418	Other	NA	Electronic	44.225	44.295
Unilever	20-09-18	09:32-11:30			41.515	20-09-18 11:15	4607.504745	Other	NA	Electronic	41.445	41.515
Unipol	04-07-18	13:32-15:30			3.382	04-07-18 13:47	33.78	Other	NA	Electronic	3.382	3.394
Unipol	13-08-18	09:32-11:30			3.413	13-08-18 10:06	34.13	Other	NA	Electronic	3.398	3.413
Unipol	17-08-18	09:32-11:30			3.614	17-08-18 10:45	34.13	Other	NA	Electronic	3.614	3.626
UnipolSai	02-07-18	13:32-15:30			1.91	02-07-18 14:29	210.1	Other	NA	Electronic	1.904	1.91
UnipolSai	03-07-18	13:32-15:30			1.951	03-07-18 13:59	292.65	Other	NA	Electronic	1.945	1.951
UnipolSai	06-07-18	13:32-15:30			2.016	06-07-18 13:44	20.33	Other	NA	Electronic	2.01	2.016
UnipolSai	13-08-18	09:32-11:30			1.857	13-08-18 10:06	18.57	Other	NA	Electronic	1.851	1.857
UnipolSai	16-08-18	09:32-11:30			1.948	16-08-18 10:49	18.57	Other	NA	Electronic	1.948	1.953

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UnipolSai	17-08-18	11:32-13:30			1.903	17-08-18 12:05	19.03	Other	NA	Electronic	1.903	1.909
UnipolSai	17-08-18	13:32-15:30			1.902	17-08-18 14:01	19.02	Other	NA	Electronic	1.902	1.908
UnipolSai	04-09-18	09:32-11:30			1.973	04-09-18 10:24	19.73	Other	NA	Electronic	1.967	1.973
UnipolSai	24-09-18	11:32-13:30			2.104	24-09-18 11:40	21.04	Other	NA	Electronic	2.098	2.104
UnipolSai	28-09-18	09:32-11:30			2.054	28-09-18 09:34	20.54	Other	NA	Electronic	2.054	2.059
UnipolSai	28-09-18	11:32-13:30			2.023	28-09-18 12:14	20.54	Other	NA	Electronic	2.017	2.023
UnitedHealth	24-07-18	13:32-15:30			254.07	24-07-18 14:27	2234.368129	Other	NA	Electronic	253.77	254.07
UnitedHealth	09-08-18	13:32-15:30			262.31	09-08-18 15:19	2234.368129	Other	NA	Electronic	262.31	262.5
UnitedTech	17-09-18	13:32-15:30			138.25	17-09-18 15:23	1208.68877	Other	NA	Electronic	138.25	138.36
United Utilities	03-07-18	09:32-11:30			7.75	03-07-18 10:41	86.01267438	Other	NA	Electronic	7.72	7.75
United Utilities	03-07-18	13:32-15:30			7.75	03-07-18 14:07	430.0633719	Other	NA	Electronic	7.72	7.75
United Utilities	05-07-18	11:32-13:30			7.77	05-07-18 12:09	430.0633719	Other	NA	Electronic	7.77	7.8
United Utilities	24-09-18	13:32-15:30			6.95	24-09-18 13:56	77.13394671	Other	NA	Electronic	6.92	6.95
United Utilities	28-09-18	13:32-15:30			7.02	28-09-18 15:03	77.13394671	Other	NA	Electronic	7.02	7.05
UPM-Kymmene	05-07-18	11:32-13:30			30.331	05-07-18 11:43	303.2	Other	NA	Electronic	30.331	30.4

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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UPS	09-07-18	15:32-17:30			107.81	09-07-18 15:32	948.1136224	Other	NA	Electronic	107.81	107.92
UPS	11-07-18	13:32-15:30			107.7	11-07-18 14:56	2841.438748	Other	NA	Electronic	107.64	107.7
UPS	11-07-18	15:32-17:30			107.65	11-07-18 17:26	1889.191804	Other	NA	Electronic	107.57	107.65
UPS	16-07-18	13:32-15:30			110.99	16-07-18 13:41	956.1164365	Other	NA	Electronic	110.99	111.12
UPS	18-07-18	13:32-15:30			111.98	18-07-18 13:51	984.7858588	Other	NA	Electronic	111.88	111.98
UPS	19-07-18	15:32-17:30			112.2	19-07-18 16:48	984.7858588	Other	NA	Electronic	112.2	112.29
UPS	25-07-18	15:32-17:30			117.71	25-07-18 16:05	971.9461789	Other	NA	Electronic	117.71	117.79
UPS	13-08-18	13:32-15:30			118.05	13-08-18 14:19	1038.167268	Other	NA	Electronic	117.97	118.05
UPS	20-08-18	13:32-15:30			122.13	20-08-18 15:02	1074.048017	Other	NA	Electronic	122.03	122.13
UPS	23-08-18	15:32-17:30			121.39	23-08-18 16:52	1067.540234	Other	NA	Electronic	121.39	121.48
UPS	27-08-18	13:32-15:30			123.43	27-08-18 13:48	1085.480609	Other	NA	Electronic	123.31	123.43
UPS	13-09-18	13:32-15:30			121.59	13-09-18 15:01	1074.048017	Other	NA	Electronic	121.59	121.94
UPS	24-09-18	13:32-15:30			117.72	24-09-18 14:29	1035.265148	Other	NA	Electronic	117.61	117.72
UPS	25-09-18	13:32-15:30			116.75	25-09-18 14:58	1035.265148	Other	NA	Electronic	116.75	116.84
US100Cash	02-07-18	09:32-11:30			6,996.00	02-07-18 09:33	6157.066221	Other	NA	Electronic	6,993.50	6,996.00



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US100Cash	02-07-18	11:32-13:30			6,994.80	02-07-18 11:32	1847.541993	Other	NA	Electronic	6,994.80	6,997.30
US100Cash	02-07-18	13:30-13:32	6,972.63	31935.23437								
US100Cash	02-07-18	15:30-15:32	7,031.25	1236.698619								
US100Cash	03-07-18	09:30-09:32	7,121.10	6258.376572								
US100Cash	03-07-18	11:30-11:32	7,140.70	6279.746724								
US100Cash	03-07-18	13:30-13:32	7,119.01	115805.9098								
US100Cash	03-07-18	15:32-17:30			7,080.75	03-07-18 15:32	12444.37604	Other	NA	Electronic	7,080.75	7,082.75
US100Cash	04-07-18	09:32-11:30			7,026.20	04-07-18 10:02	617.6457655	Other	NA	Electronic	7,026.20	7,028.70
US100Cash	04-07-18	11:32-13:30			7,022.40	04-07-18 11:35	618.3537068	Other	NA	Electronic	7,022.40	7,024.90
US100Cash	04-07-18	13:32-15:30			7,020.05	04-07-18 13:37	6173.643479	Other	NA	Electronic	7,020.05	7,022.05
US100Cash	04-07-18	15:32-17:30			7,011.15	04-07-18 15:54	3115.886905	Other	NA	Electronic	7,011.15	7,013.15
US100Cash	05-07-18	09:30-09:32	7,033.40	618.4680327								
US100Cash	05-07-18	11:32-13:30			7,060.80	05-07-18 11:39	6155.835019	Other	NA	Electronic	7,058.20	7,060.70
US100Cash	05-07-18	13:30-13:32	7,065.30	27341.12655								
US100Cash	05-07-18	15:30-15:32	7,065.48	13045.11916								

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US100Cash	06-07-18	09:32-11:30			7,098.20	06-07-18 09:37	624.2370944	Other	NA	Electronic	7,095.70	7,098.20
US100Cash	06-07-18	11:30-11:32	7,093.10	6252.836162								
US100Cash	06-07-18	13:30-13:32	7,112.85	60043.46583								
US100Cash	06-07-18	15:30-15:32	7,177.75	31561.64805								
US100Cash	09-07-18	09:30-09:32	7,242.50	636.9272711								
US100Cash	09-07-18	11:32-13:30			7,237.20	09-07-18 11:37	3185.295928	Other	NA	Electronic	7,237.20	7,239.70
US100Cash	09-07-18	13:30-13:32	7,253.09	55916.3618								
US100Cash	09-07-18	15:30-15:32	7,238.30	57331.58913								
US100Cash	10-07-18	09:32-11:30			7,297.80	10-07-18 09:34	6417.905197	Other	NA	Electronic	7,297.80	7,300.30
US100Cash	10-07-18	11:32-13:30			7,299.90	10-07-18 11:38	6419.752001	Other	NA	Electronic	7,299.90	7,302.40
US100Cash	10-07-18	13:30-13:32	7,289.40	6410.517984								
US100Cash	10-07-18	15:30-15:32	7,282.48	44837.78911								
US100Cash	11-07-18	09:30-09:32	7,214.45	3178.955237								
US100Cash	11-07-18	11:30-11:32	7,222.70	6351.859995								
US100Cash	11-07-18	13:30-13:32	7,233.25	8909.172456								

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US100Cash	11-07-18	15:30-15:32	7,232.72	3814.695277								
US100Cash	12-07-18	09:32-11:30			7,264.70	12-07-18 10:18	6388.79606	Other	NA	Electronic	7,262.20	7,264.70
US100Cash	12-07-18	11:32-13:30			7,276.30	12-07-18 12:23	6398.205963	Other	NA	Electronic	7,276.30	7,278.80
US100Cash	12-07-18	13:30-13:32	7,274.50	12794.82895								
US100Cash	12-07-18	15:30-15:32	7,331.65	7091.649811								
US100Cash	13-07-18	09:30-09:32	7,367.15	7785.172808								
US100Cash	13-07-18	11:32-13:30			7,368.90	13-07-18 11:33	6486.764577	Other	NA	Electronic	7,366.40	7,368.90
US100Cash	13-07-18	13:30-13:32	7,370.13	19443.23279								
US100Cash	13-07-18	15:32-17:30			7,387.35	13-07-18 15:32	6496.658166	Other	NA	Electronic	7,385.35	7,387.35
US100Cash	16-07-18	09:32-11:30			7,389.20	16-07-18 09:34	6496.746109	Other	NA	Electronic	7,389.20	7,391.70
US100Cash	16-07-18	11:30-11:32	7,374.25	3893.791223								
US100Cash	16-07-18	13:32-15:30			7,385.55	16-07-18 13:32	32475.37596	Other	NA	Electronic	7,383.55	7,385.55
US100Cash	16-07-18	15:32-17:30			7,364.75	16-07-18 15:32	1295.022425	Other	NA	Electronic	7,364.75	7,366.75
US100Cash	17-07-18	09:32-11:30			7,297.80	17-07-18 09:51	7059.695717	Other	NA	Electronic	7,297.80	7,300.30
US100Cash	17-07-18	11:32-13:30			7,298.50	17-07-18 11:35	641.8520799	Other	NA	Electronic	7,296.00	7,298.50

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US100Cash	17-07-18	13:30-13:32	7,291.18	24357.7214								
US100Cash	17-07-18	15:32-17:30			7,364.05	17-07-18 15:32	6476.167443	Other	NA	Electronic	7,362.25	7,364.25
US100Cash	18-07-18	09:30-09:32	7,406.80	6514.994284								
US100Cash	18-07-18	11:30-11:32	7,393.90	6502.418433								
US100Cash	18-07-18	13:30-13:32	7,404.15	1953.429778								
US100Cash	18-07-18	15:32-17:30			7,396.15	18-07-18 15:33	6501.319145	Other	NA	Electronic	7,396.15	7,398.15
US100Cash	19-07-18	09:32-11:30			7,375.60	19-07-18 09:36	649.0722012	Other	NA	Electronic	7,375.60	7,378.10
US100Cash	19-07-18	11:32-13:30			7,369.90	19-07-18 11:37	648.39504	Other	NA	Electronic	7,367.60	7,370.10
US100Cash	19-07-18	13:30-13:32	7,371.60	87498.67206								
US100Cash	19-07-18	15:30-15:32	7,373.95	19462.53628								
US100Cash	20-07-18	09:30-09:32	7,379.70	6489.930525								
US100Cash	20-07-18	11:30-11:32	7,374.80	41528.2385								
US100Cash	20-07-18	13:30-13:32	7,379.41	31721.74391								
US100Cash	20-07-18	15:30-15:32	7,396.80	12351.89077								
US100Cash	23-07-18	09:32-11:30			7,330.20	23-07-18 09:37	3220.165333	Other	NA	Electronic	7,327.70	7,330.20

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US100Cash	23-07-18	11:32-13:30			7,321.90	23-07-18 11:40	643.9099464	Other	NA	Electronic	7,319.40	7,321.90
US100Cash	23-07-18	13:30-13:32	7,338.36	32228.64744								
US100Cash	23-07-18	15:30-15:32	7,346.78	16141.17052								
US100Cash	24-07-18	09:32-11:30			7,427.30	24-07-18 09:32	653.1351684	Other	NA	Electronic	7,427.30	7,429.80
US100Cash	24-07-18	11:32-13:30			7,427.70	24-07-18 11:38	653.4517633	Other	NA	Electronic	7,427.70	7,430.20
US100Cash	24-07-18	13:30-13:32	7,454.02	2613.705919								
US100Cash	24-07-18	15:30-15:32	7,435.18	26792.45889								
US100Cash	25-07-18	09:32-11:30			7,407.90	25-07-18 09:35	13029.46091	Other	NA	Electronic	7,405.40	7,407.90
US100Cash	25-07-18	11:30-11:32	7,396.75	13037.90344								
US100Cash	25-07-18	13:30-13:32	7,409.00	21457.62906								
US100Cash	25-07-18	15:30-15:32	7,435.62	58833.47991								
US100Cash	26-07-18	09:32-11:30			7,399.60	26-07-18 09:33	6507.431185	Other	NA	Electronic	7,397.10	7,399.60
US100Cash	26-07-18	11:30-11:32	7,400.60	6508.310615								
US100Cash	26-07-18	13:30-13:32	7,417.93	293105.5976								
US100Cash	26-07-18	15:30-15:32	7,421.72	4588.000176								

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US100Cash	27-07-18	09:32-11:30			7,448.30	27-07-18 09:35	42529.81268	Other	NA	Electronic	7,448.30	7,450.80
US100Cash	27-07-18	11:32-13:30			7,432.30	27-07-18 11:34	6547.884971	Other	NA	Electronic	7,429.80	7,432.30
US100Cash	27-07-18	13:30-13:32	7,442.10	19633.54147								
US100Cash	27-07-18	15:30-15:32	7,363.45	6475.639785								
US100Cash	30-07-18	09:32-11:30			7,278.60	30-07-18 09:45	6392.841439	Other	NA	Electronic	7,278.60	7,281.10
US100Cash	30-07-18	11:30-11:32	7,273.30	6391.522294								
US100Cash	30-07-18	13:30-13:32	7,293.05	640.1899569								
US100Cash	30-07-18	15:30-15:32	7,206.55	1268.234984								
US100Cash	31-07-18	09:30-09:32	7,197.70	3165.227333								
US100Cash	31-07-18	11:32-13:30			7,211.10	31-07-18 11:39	633.8756486	Other	NA	Electronic	7,211.10	7,213.60
US100Cash	31-07-18	13:30-13:32	7,226.41	163876.251								
US100Cash	31-07-18	15:30-15:32	7,232.45	12715.24052								
US100Cash	01-08-18	09:32-11:30			7,248.10	01-08-18 09:35	637.419752	Other	NA	Electronic	7,245.60	7,248.10
US100Cash	01-08-18	11:32-13:30			7,253.60	01-08-18 11:37	1911.942661	Other	NA	Electronic	7,251.10	7,253.60
US100Cash	01-08-18	13:30-13:32	7,267.45	33201.65773								

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US100Cash	01-08-18	15:30-15:32	7,273.45	12796.06015								
US100Cash	02-08-18	09:30-09:32	7,212.95	16492.66555								
US100Cash	02-08-18	11:32-13:30			7,217.50	02-08-18 11:35	12693.69449	Other	NA	Electronic	7,217.50	7,220.00
US100Cash	02-08-18	13:30-13:32	7,223.38	21599.45475								
US100Cash	02-08-18	15:30-15:32	7,316.28	104568.4548								
US100Cash	03-08-18	09:30-09:32	7,378.50	6488.875209								
US100Cash	03-08-18	11:30-11:32	7,400.87	7802.23815								
US100Cash	03-08-18	13:30-13:32	7,381.68	5845.989799								
US100Cash	03-08-18	15:32-17:30			7,370.25	03-08-18 15:33	6481.61991	Other	NA	Electronic	7,370.25	7,372.25
US100Cash	06-08-18	09:32-11:30			7,390.80	06-08-18 09:37	650.1539003	Other	NA	Electronic	7,390.80	7,393.30
US100Cash	06-08-18	11:32-13:30			7,401.30	06-08-18 11:34	6515.873714	Other	NA	Electronic	7,401.30	7,403.80
US100Cash	06-08-18	13:32-15:30			7,384.05	06-08-18 13:32	25975.02418	Other	NA	Electronic	7,382.05	7,384.05
US100Cash	06-08-18	15:32-17:30			7,410.75	06-08-18 15:48	651.7236831	Other	NA	Electronic	7,410.75	7,412.75
US100Cash	07-08-18	09:32-11:30			7,458.80	07-08-18 09:37	6559.493448	Other	NA	Electronic	7,458.80	7,461.30
US100Cash	07-08-18	11:30-11:32	7,457.50	6558.350189								

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US100Cash	07-08-18	13:32-15:30			7,465.35	07-08-18 13:32	656.5253716	Other	NA	Electronic	7,463.35	7,465.35
US100Cash	07-08-18	15:32-17:30			7,442.55	07-08-18 15:34	656.1823938	Other	NA	Electronic	7,442.55	7,444.55
US100Cash	08-08-18	09:30-09:32	7,463.70	6563.802656								
US100Cash	08-08-18	11:32-13:30			7,466.80	08-08-18 11:38	656.6528889	Other	NA	Electronic	7,466.80	7,469.30
US100Cash	08-08-18	13:30-13:32	7,452.90	7207.637851								
US100Cash	08-08-18	15:30-15:32	7,483.05	1974.245889								
US100Cash	09-08-18	09:32-11:30			7,472.00	09-08-18 10:12	65708.82068	Other	NA	Electronic	7,472.00	7,474.50
US100Cash	09-08-18	11:30-11:32	7,467.40	4596.570222								
US100Cash	09-08-18	13:30-13:32	7,472.15	2627.482192								
US100Cash	09-08-18	15:32-17:30			7,486.25	09-08-18 15:37	3291.816903	Other	NA	Electronic	7,484.25	7,486.25
US100Cash	10-08-18	09:32-11:30			7,431.40	10-08-18 09:32	6535.397063	Other	NA	Electronic	7,431.40	7,433.90
US100Cash	10-08-18	11:32-13:30			7,424.50	10-08-18 11:54	3264.664497	Other	NA	Electronic	7,424.50	7,427.00
US100Cash	10-08-18	13:30-13:32	7,415.83	14355.87459								
US100Cash	10-08-18	15:32-17:30			7,423.45	10-08-18 15:53	6528.405593	Other	NA	Electronic	7,423.45	7,425.45
US100Cash	13-08-18	09:32-11:30			7,392.80	13-08-18 09:32	13648.98426	Other	NA	Electronic	7,392.80	7,395.30



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US100Cash	13-08-18	11:32-13:30			7,395.80	13-08-18 11:32	1950.989359	Other	NA	Electronic	7,395.80	7,398.30
US100Cash	13-08-18	13:30-13:32	7,417.70	13046.69774								
US100Cash	13-08-18	15:30-15:32	7,426.00	7185.379474								
US100Cash	14-08-18	09:32-11:30			7,443.50	14-08-18 09:42	654.6038167	Other	NA	Electronic	7,443.50	7,446.00
US100Cash	14-08-18	11:32-13:30			7,442.70	14-08-18 11:34	6545.950224	Other	NA	Electronic	7,440.20	7,442.70
US100Cash	14-08-18	13:30-13:32	7,430.05	53650.10993								
US100Cash	14-08-18	15:32-17:30			7,433.15	14-08-18 15:34	9151.710492	Other	NA	Electronic	7,433.15	7,435.15
US100Cash	15-08-18	09:32-11:30			7,432.30	15-08-18 09:45	6536.18855	Other	NA	Electronic	7,432.30	7,434.80
US100Cash	15-08-18	11:30-11:32	7,382.30	6492.217043								
US100Cash	15-08-18	13:30-13:32	7,390.55	45568.72746								
US100Cash	15-08-18	15:32-17:30			7,335.75	15-08-18 15:33	6451.279571	Other	NA	Electronic	7,335.75	7,337.75
US100Cash	16-08-18	09:32-11:30			7,408.10	16-08-18 09:36	6514.906341	Other	NA	Electronic	7,405.60	7,408.10
US100Cash	16-08-18	11:32-13:30			7,411.50	16-08-18 11:32	6523.172984	Other	NA	Electronic	7,409.00	7,411.50
US100Cash	16-08-18	13:30-13:32	7,405.83	11071.24263								
US100Cash	16-08-18	15:30-15:32	7,415.45	13043.09208								

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US100Cash	17-08-18	09:32-11:30			7,370.20	17-08-18 09:35	1297.898162	Other	NA	Electronic	7,367.70	7,370.20
US100Cash	17-08-18	11:30-11:32	7,365.00	6525.195673								
US100Cash	17-08-18	13:30-13:32	7,350.83	7118.709876								
US100Cash	17-08-18	15:30-15:32	7,339.85	1290.977047								
US100Cash	20-08-18	09:32-11:30			7,405.60	20-08-18 09:35	650.8398558	Other	NA	Electronic	7,403.10	7,405.60
US100Cash	20-08-18	11:30-11:32	7,393.50	28609.09331								
US100Cash	20-08-18	13:30-13:32	7,392.85	650.1495031								
US100Cash	20-08-18	15:30-15:32	7,358.05	1294.178173								
US100Cash	21-08-18	09:32-11:30			7,392.00	21-08-18 09:32	6503.825521	Other	NA	Electronic	7,392.00	7,394.50
US100Cash	21-08-18	11:32-13:30			7,395.50	21-08-18 11:33	6503.825521	Other	NA	Electronic	7,393.00	7,395.50
US100Cash	21-08-18	13:30-13:32	7,393.21	35108.99657								
US100Cash	21-08-18	15:30-15:32	7,410.70	14984.20104								
US100Cash	22-08-18	09:32-11:30			7,375.10	22-08-18 09:50	6489.666696	Other	NA	Electronic	7,375.10	7,377.60
US100Cash	22-08-18	11:32-13:30			7,387.70	22-08-18 11:34	647.313341	Other	NA	Electronic	7,387.70	7,390.20
US100Cash	22-08-18	13:30-13:32	7,382.65	4541.06499								

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US100Cash	22-08-18	15:30-15:32	7,425.25	6529.988567								
US100Cash	23-08-18	09:32-11:30			7,420.80	23-08-18 09:34	3263.037552	Other	NA	Electronic	7,420.80	7,423.30
US100Cash	23-08-18	11:32-13:30			7,415.90	23-08-18 11:36	3260.157418	Other	NA	Electronic	7,413.40	7,415.90
US100Cash	23-08-18	13:30-13:32	7,416.79	6522.047313								
US100Cash	23-08-18	15:30-15:32	7,418.65	26101.92595								
US100Cash	24-08-18	09:32-11:30			7,434.90	24-08-18 09:50	653.8475068	Other	NA	Electronic	7,432.40	7,434.90
US100Cash	24-08-18	11:32-13:30			7,437.70	24-08-18 11:41	653.5441034	Other	NA	Electronic	7,437.70	7,440.20
US100Cash	24-08-18	13:30-13:32	7,446.52	60863.60918								
US100Cash	24-08-18	15:30-15:32	7,481.25	32898.38185								
US100Cash	27-08-18	09:32-11:30			7,522.00	27-08-18 09:41	661.5073432	Other	NA	Electronic	7,519.50	7,522.00
US100Cash	27-08-18	11:32-13:30			7,515.30	27-08-18 11:50	660.9181251	Other	NA	Electronic	7,515.30	7,517.80
US100Cash	27-08-18	13:30-13:32	7,527.63	165424.0524								
US100Cash	27-08-18	15:30-15:32	7,549.65	66393.89675								
US100Cash	28-08-18	09:32-11:30			7,573.00	28-08-18 09:33	6659.924369	Other	NA	Electronic	7,573.00	7,575.50
US100Cash	28-08-18	11:32-13:30			7,573.70	28-08-18 11:48	6660.53997	Other	NA	Electronic	7,573.70	7,576.20

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US100Cash	28-08-18	13:30-13:32	7,581.85	666.317826								
US100Cash	28-08-18	15:30-15:32	7,569.85	665.6802392								
US100Cash	29-08-18	09:32-11:30			7,582.70	29-08-18 09:38	666.5772579	Other	NA	Electronic	7,583.00	7,585.50
US100Cash	29-08-18	11:32-13:30			7,581.80	29-08-18 12:22	6667.663354	Other	NA	Electronic	7,581.80	7,584.30
US100Cash	29-08-18	13:30-13:32	7,584.11	207463.6532								
US100Cash	29-08-18	15:30-15:32	7,646.69	71293.49222								
US100Cash	30-08-18	09:32-11:30			7,643.10	30-08-18 09:42	672.1572421	Other	NA	Electronic	7,643.10	7,645.60
US100Cash	30-08-18	11:32-13:30			7,649.90	30-08-18 11:33	6727.552546	Other	NA	Electronic	7,647.40	7,649.90
US100Cash	30-08-18	13:30-13:32	7,642.35	13441.8257								
US100Cash	30-08-18	15:30-15:32	7,658.88	5387.107554								
US100Cash	31-08-18	09:32-11:30			7,638.80	31-08-18 09:37	671.7790872	Other	NA	Electronic	7,638.60	7,641.10
US100Cash	31-08-18	11:30-11:32	7,633.60	671.3217835								
US100Cash	31-08-18	13:30-13:32	7,642.00	114237.71								
US100Cash	31-08-18	15:32-17:30			7,656.45	31-08-18 15:33	673.3312813	Other	NA	Electronic	7,654.45	7,656.45
US100Cash	03-09-18	09:32-11:30			7,663.60	03-09-18 09:52	2697.915751	Other	NA	Electronic	7,663.40	7,665.90

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US100Cash	03-09-18	11:32-13:30			7,672.00	03-09-18 11:43	1349.39759	Other	NA	Electronic	7,672.00	7,674.50
US100Cash	03-09-18	13:32-15:30			7,664.35	03-09-18 13:35	674.0260311	Other	NA	Electronic	7,662.35	7,664.35
US100Cash	03-09-18	15:30-15:32	7,674.35	1348.702841								
US100Cash	04-09-18	09:30-09:32	7,664.45	6749.648228								
US100Cash	04-09-18	11:32-13:30			7,634.10	04-09-18 11:37	6739.380881	Other	NA	Electronic	7,631.60	7,634.10
US100Cash	04-09-18	13:30-13:32	7,629.10	6709.260399								
US100Cash	04-09-18	15:32-17:30			7,631.45	04-09-18 15:34	13383.78331	Other	NA	Electronic	7,631.45	7,633.45
US100Cash	05-09-18	09:30-09:32	7,597.50	13362.94081								
US100Cash	05-09-18	11:32-13:30			7,610.70	05-09-18 12:20	669.088031	Other	NA	Electronic	7,608.20	7,610.70
US100Cash	05-09-18	13:30-13:32	7,607.61	87001.6929								
US100Cash	05-09-18	15:30-15:32	7,505.33	6603.508926								
US100Cash	06-09-18	09:32-11:30			7,530.10	06-09-18 09:51	662.2196816	Other	NA	Electronic	7,530.10	7,532.60
US100Cash	06-09-18	11:32-13:30			7,529.10	06-09-18 11:36	4635.968692	Other	NA	Electronic	7,526.60	7,529.10
US100Cash	06-09-18	13:30-13:32	7,525.83	13236.87451								
US100Cash	06-09-18	15:30-15:32	7,436.92	47695.00923								

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US100Cash	07-09-18	09:32-11:30			7,441.10	07-09-18 09:38	655.456864	Other	NA	Electronic	7,441.10	7,443.60
US100Cash	07-09-18	11:30-11:32	7,440.90	654.3751649								
US100Cash	07-09-18	13:30-13:32	7,411.82	100494.4244								
US100Cash	07-09-18	15:32-17:30			7,487.95	07-09-18 15:37	658.5128837	Other	NA	Electronic	7,487.95	7,489.95
US100Cash	10-09-18	09:30-09:32	7,472.60	19615.29329								
US100Cash	10-09-18	11:32-13:30			7,473.40	10-09-18 11:43	657.2333128	Other	NA	Electronic	7,470.90	7,473.40
US100Cash	10-09-18	13:30-13:32	7,463.13	40055.62396								
US100Cash	10-09-18	15:30-15:32	7,450.65	655.2326093								
US100Cash	11-09-18	09:32-11:30			7,437.50	11-09-18 09:37	4578.533111	Other	NA	Electronic	7,435.00	7,437.50
US100Cash	11-09-18	11:32-13:30			7,433.50	11-09-18 11:32	653.7243866	Other	NA	Electronic	7,431.00	7,433.50
US100Cash	11-09-18	13:30-13:32	7,423.50	26097.17703								
US100Cash	11-09-18	15:32-17:30			7,479.55	11-09-18 15:32	5262.193299	Other	NA	Electronic	7,477.55	7,479.55
US100Cash	12-09-18	09:30-09:32	7,522.80	19797.86298								
US100Cash	12-09-18	11:30-11:32	7,514.85	13216.25187								
US100Cash	12-09-18	13:30-13:32	7,487.35	23088.75649								

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US100Cash	12-09-18	15:30-15:32	7,484.82	7889.671093								
US100Cash	13-09-18	09:32-11:30			7,488.60	13-09-18 09:35	5927.130419	Other	NA	Electronic	7,488.60	7,491.10
US100Cash	13-09-18	11:32-13:30			7,510.60	13-09-18 11:55	6605.047929	Other	NA	Electronic	7,510.60	7,513.10
US100Cash	13-09-18	13:30-13:32	7,534.47	161082.5917								
US100Cash	13-09-18	15:32-17:30			7,557.15	13-09-18 15:35	1993.452643	Other	NA	Electronic	7,555.15	7,557.15
US100Cash	14-09-18	09:32-11:30			7,585.20	14-09-18 10:10	6670.653417	Other	NA	Electronic	7,585.20	7,587.70
US100Cash	14-09-18	11:32-13:30			7,586.20	14-09-18 12:26	13352.73942	Other	NA	Electronic	7,583.70	7,586.20
US100Cash	14-09-18	13:30-13:32	7,564.11	21279.9402								
US100Cash	14-09-18	15:30-15:32	7,565.45	665.3284672								
US100Cash	17-09-18	09:32-11:30			7,526.70	17-09-18 10:01	661.9206754	Other	NA	Electronic	7,526.70	7,529.20
US100Cash	17-09-18	11:32-13:30			7,523.10	17-09-18 11:36	3308.020403	Other	NA	Electronic	7,523.10	7,525.60
US100Cash	17-09-18	13:30-13:32	7,523.00	661.6832293								
US100Cash	17-09-18	15:32-17:30			7,477.45	17-09-18 15:41	5253.610061	Other	NA	Electronic	7,475.45	7,477.45
US100Cash	18-09-18	09:32-11:30			7,453.20	18-09-18 09:44	6555.272184	Other	NA	Electronic	7,450.70	7,453.20
US100Cash	18-09-18	11:30-11:32	7,438.70	654.1816903								

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US100Cash	18-09-18	13:30-13:32	7,447.93	88382.24431								
US100Cash	18-09-18	15:30-15:32	7,519.95	33066.353								
US100Cash	19-09-18	09:32-11:30			7,495.70	19-09-18 10:33	6592.647964	Other	NA	Electronic	7,493.20	7,495.70
US100Cash	19-09-18	11:32-13:30			7,487.40	19-09-18 11:43	6591.504705	Other	NA	Electronic	7,484.90	7,487.40
US100Cash	19-09-18	13:30-13:32	7,500.78	20446.59661								
US100Cash	19-09-18	15:30-15:32	7,467.85	10506.73643								
US100Cash	20-09-18	09:30-09:32	7,502.90	659.8276317								
US100Cash	20-09-18	11:30-11:32	7,522.37	13230.49864								
US100Cash	20-09-18	13:30-13:32	7,544.81	62333.4843								
US100Cash	20-09-18	15:30-15:32	7,566.10	1330.77126								
US100Cash	21-09-18	09:32-11:30			7,589.60	21-09-18 09:35	6685.427843	Other	NA	Electronic	7,587.10	7,589.60
US100Cash	21-09-18	11:32-13:30			7,579.50	21-09-18 11:40	666.0276141	Other	NA	Electronic	7,577.00	7,579.50
US100Cash	21-09-18	13:30-13:32	7,589.99	34704.10694								
US100Cash	21-09-18	15:30-15:32	7,573.75	13321.16788								
US100Cash	24-09-18	09:32-11:30			7,492.60	24-09-18 09:34	6589.218187	Other	NA	Electronic	7,490.10	7,492.60



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US100Cash	24-09-18	11:32-13:30			7,488.60	24-09-18 11:39	658.5700466	Other	NA	Electronic	7,486.10	7,488.60
US100Cash	24-09-18	13:30-13:32	7,467.49	39403.13517								
US100Cash	24-09-18	15:30-15:32	7,530.95	33202.84056								
US100Cash	25-09-18	09:32-11:30			7,552.60	25-09-18 09:56	6641.983994	Other	NA	Electronic	7,552.60	7,555.10
US100Cash	25-09-18	11:30-11:32	7,564.75	7316.902647								
US100Cash	25-09-18	13:30-13:32	7,542.30	13933.00062								
US100Cash	25-09-18	15:32-17:30			7,560.45	25-09-18 15:36	6648.887521	Other	NA	Electronic	7,558.45	7,560.45
US100Cash	26-09-18	09:32-11:30			7,590.20	26-09-18 10:08	13339.63592	Other	NA	Electronic	7,590.20	7,592.70
US100Cash	26-09-18	11:32-13:30			7,586.80	26-09-18 11:43	667.804063	Other	NA	Electronic	7,584.30	7,586.80
US100Cash	26-09-18	13:30-13:32	7,576.81	57886.04344								
US100Cash	26-09-18	15:30-15:32	7,612.15	27336.15777								
US100Cash	27-09-18	09:30-09:32	7,573.70	6660.53997								
US100Cash	27-09-18	11:30-11:32	7,585.70	6671.093132								
US100Cash	27-09-18	13:30-13:32	7,597.50	39988.87521								
US100Cash	27-09-18	15:30-15:32	7,642.65	6721.176678								

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US100Cash	28-09-18	09:32-11:30			7,623.70	28-09-18 09:57	17461.22593	Other	NA	Electronic	7,621.20	7,623.70
US100Cash	28-09-18	11:32-13:30			7,598.90	28-09-18 11:32	33413.50805	Other	NA	Electronic	7,598.90	7,601.40
US100Cash	28-09-18	13:30-13:32	7,615.04	46863.10791								
US100Cash	28-09-18	15:32-17:30			7,633.65	28-09-18 15:32	668.6703016	Other	NA	Electronic	7,633.65	7,635.65
US100-DEC18	20-09-18	11:32-13:30			7,566.30	20-09-18 12:44	6654.032187	Other	NA	Electronic	7,566.30	7,571.80
US100-DEC18	20-09-18	13:32-15:30			7,565.30	20-09-18 13:53	6653.152757	Other	NA	Electronic	7,565.30	7,569.80
US100-DEC18	20-09-18	15:32-17:30			7,600.60	20-09-18 17:02	133683.9328	Other	NA	Electronic	7,600.60	7,605.10
US100-DEC18	21-09-18	09:32-11:30			7,611.00	21-09-18 10:24	6693.342714	Other	NA	Electronic	7,611.00	7,616.50
US100-DEC18	21-09-18	11:32-13:30			7,611.30	21-09-18 11:44	6710.667487	Other	NA	Electronic	7,605.80	7,611.30
US100-DEC18	21-09-18	13:32-15:30			7,621.10	21-09-18 13:32	2010.403658	Other	NA	Electronic	7,616.60	7,621.10
US100-DEC18	24-09-18	09:32-11:30			7,521.70	24-09-18 09:56	13229.61921	Other	NA	Electronic	7,516.20	7,521.70
US100-DEC18	24-09-18	11:32-13:30			7,507.80	24-09-18 13:10	1322.59256	Other	NA	Electronic	7,502.30	7,507.80
US100-DEC18	24-09-18	13:30-13:32	7,500.60	1978.876088								
US100-DEC18	24-09-18	15:32-17:30			7,559.70	24-09-18 15:40	13961.27869	Other	NA	Electronic	7,559.70	7,564.20
US100-DEC18	25-09-18	11:32-13:30			7,601.10	25-09-18 11:35	6658.693167	Other	NA	Electronic	7,595.60	7,601.10

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US100-DEC18	25-09-18	15:32-17:30			7,582.80	25-09-18 17:24	20087.15153	Other	NA	Electronic	7,582.80	7,587.30
US100-DEC18	26-09-18	13:32-15:30			7,616.10	26-09-18 14:24	669.7827808	Other	NA	Electronic	7,611.60	7,616.10
US100-DEC18	26-09-18	15:32-17:30			7,634.80	26-09-18 15:33	3355.949345	Other	NA	Electronic	7,634.80	7,639.30
US100-DEC18	27-09-18	09:32-11:30			7,603.10	27-09-18 09:44	2002.673468	Other	NA	Electronic	7,597.10	7,602.60
US100-DEC18	27-09-18	13:32-15:30			7,644.10	27-09-18 13:40	6722.451851	Other	NA	Electronic	7,644.10	7,648.60
US100-DEC18	27-09-18	15:32-17:30			7,665.30	27-09-18 15:33	6726.585173	Other	NA	Electronic	7,665.30	7,669.80
US100-DEC18	28-09-18	09:32-11:30			7,640.30	28-09-18 10:12	6719.110017	Other	NA	Electronic	7,640.30	7,645.80
US100-DEC18	28-09-18	11:32-13:30			7,629.60	28-09-18 11:46	12088.54103	Other	NA	Electronic	7,624.10	7,629.60
US100-DEC18	28-09-18	13:30-13:32	7,644.55	40337.08557								
US100-DEC18	28-09-18	15:32-17:30			7,659.80	28-09-18 15:34	6736.258904	Other	NA	Electronic	7,655.30	7,659.80
US100-SEP18	02-07-18	09:32-11:30			7,006.70	02-07-18 10:21	616.1903087	Other	NA	Electronic	7,006.70	7,012.20
US100-SEP18	02-07-18	11:30-11:32	7,016.00	24652.88893								
US100-SEP18	02-07-18	13:32-15:30			7,049.10	02-07-18 15:15	6199.190924	Other	NA	Electronic	7,049.10	7,053.60
US100-SEP18	02-07-18	15:32-17:30			7,038.10	02-07-18 16:23	43326.62035	Other	NA	Electronic	7,038.10	7,042.60
US100-SEP18	03-07-18	09:32-11:30			7,151.60	03-07-18 11:26	627.4558086	Other	NA	Electronic	7,151.60	7,157.10

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US100-SEP18	03-07-18	11:32-13:30			7,165.10	03-07-18 11:37	3688.118899	Other	NA	Electronic	7,159.60	7,165.10
US100-SEP18	03-07-18	13:32-15:30			7,130.80	03-07-18 13:33	31355.20183	Other	NA	Electronic	7,126.30	7,130.80
US100-SEP18	03-07-18	15:32-17:30			7,085.10	03-07-18 15:52	43615.95286	Other	NA	Electronic	7,080.60	7,085.10
US100-SEP18	04-07-18	13:32-15:30			7,032.80	04-07-18 14:55	43326.62035	Other	NA	Electronic	7,028.30	7,032.80
US100-SEP18	04-07-18	15:32-17:30			7,029.20	04-07-18 15:58	1236.338053	Other	NA	Electronic	7,029.20	7,033.70
US100-SEP18	05-07-18	11:32-13:30			7,085.50	05-07-18 12:34	6255.474453	Other	NA	Electronic	7,085.50	7,091.00
US100-SEP18	05-07-18	13:32-15:30			7,085.60	05-07-18 13:51	6231.290124	Other	NA	Electronic	7,085.60	7,090.10
US100-SEP18	05-07-18	15:32-17:30			7,079.50	05-07-18 15:37	6225.9256	Other	NA	Electronic	7,079.50	7,084.00
US100-SEP18	06-07-18	09:32-11:30			7,109.80	06-07-18 10:54	6252.572333	Other	NA	Electronic	7,109.80	7,115.30
US100-SEP18	06-07-18	11:32-13:30			7,117.10	06-07-18 12:13	62537.15592	Other	NA	Electronic	7,111.60	7,117.10
US100-SEP18	06-07-18	13:32-15:30			7,148.80	06-07-18 13:39	31434.35054	Other	NA	Electronic	7,148.80	7,153.30
US100-SEP18	06-07-18	15:32-17:30			7,202.30	06-07-18 15:34	38003.51772	Other	NA	Electronic	7,202.30	7,206.80
US100-SEP18	09-07-18	13:32-15:30			7,278.30	09-07-18 13:34	31479.64119	Other	NA	Electronic	7,273.80	7,278.30
US100-SEP18	09-07-18	15:32-17:30			7,265.30	09-07-18 15:59	31946.61859	Other	NA	Electronic	7,265.30	7,269.80
US100-SEP18	10-07-18	09:32-11:30			7,323.80	10-07-18 09:40	644.1210096	Other	NA	Electronic	7,318.30	7,323.80

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US100-SEP18	10-07-18	11:32-13:30			7,320.30	10-07-18 11:46	6437.692375	Other	NA	Electronic	7,314.80	7,320.30
US100-SEP18	10-07-18	13:32-15:30			7,293.50	10-07-18 13:33	6389.67549	Other	NA	Electronic	7,293.50	7,298.00
US100-SEP18	10-07-18	15:32-17:30			7,307.10	10-07-18 15:50	6426.083898	Other	NA	Electronic	7,307.10	7,311.60
US100-SEP18	11-07-18	09:32-11:30			7,225.10	11-07-18 09:58	19061.91188	Other	NA	Electronic	7,225.10	7,230.60
US100-SEP18	11-07-18	11:32-13:30			7,249.20	11-07-18 12:12	12750.32979	Other	NA	Electronic	7,249.20	7,254.70
US100-SEP18	11-07-18	13:32-15:30			7,259.30	11-07-18 13:32	31920.23569	Other	NA	Electronic	7,259.30	7,263.80
US100-SEP18	12-07-18	09:32-11:30			7,276.80	12-07-18 10:18	6404.537859	Other	NA	Electronic	7,276.80	7,282.30
US100-SEP18	12-07-18	11:30-11:32	7,293.70	2565.719814								
US100-SEP18	12-07-18	13:30-13:32	7,289.80	12821.73951								
US100-SEP18	12-07-18	15:32-17:30			7,354.80	12-07-18 15:48	31913.63996	Other	NA	Electronic	7,350.30	7,354.80
US100-SEP18	13-07-18	09:32-11:30			7,381.10	13-07-18 09:32	32455.80864	Other	NA	Electronic	7,381.10	7,386.60
US100-SEP18	13-07-18	13:32-15:30			7,370.30	13-07-18 13:55	648.1663882	Other	NA	Electronic	7,370.30	7,374.80
US100-SEP18	13-07-18	15:32-17:30			7,395.80	13-07-18 15:43	650.5320552	Other	NA	Electronic	7,395.80	7,400.30
US100-SEP18	16-07-18	09:32-11:30			7,406.30	16-07-18 09:40	1302.664673	Other	NA	Electronic	7,406.30	7,411.80
US100-SEP18	16-07-18	11:32-13:30			7,397.60	16-07-18 11:37	1301.750066	Other	NA	Electronic	7,392.10	7,397.60

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US100-SEP18	16-07-18	13:32-15:30			7,389.70	16-07-18 13:46	1299.744965	Other	NA	Electronic	7,385.20	7,389.70
US100-SEP18	16-07-18	15:32-17:30			7,385.20	16-07-18 16:10	1298.707238	Other	NA	Electronic	7,380.70	7,385.20
US100-SEP18	17-07-18	09:32-11:30			7,315.60	17-07-18 11:06	12867.11811	Other	NA	Electronic	7,310.10	7,315.60
US100-SEP18	17-07-18	11:32-13:30			7,318.80	17-07-18 12:18	6426.963328	Other	NA	Electronic	7,318.80	7,324.30
US100-SEP18	17-07-18	13:32-15:30			7,319.10	17-07-18 13:38	12784.45168	Other	NA	Electronic	7,314.60	7,319.10
US100-SEP18	17-07-18	15:30-15:32	7,373.30	12867.11811								
US100-SEP18	18-07-18	11:32-13:30			7,407.50	18-07-18 12:43	32571.89341	Other	NA	Electronic	7,407.50	7,413.00
US100-SEP18	18-07-18	13:32-15:30			7,427.30	18-07-18 13:33	1306.35828	Other	NA	Electronic	7,422.80	7,427.30
US100-SEP18	18-07-18	15:32-17:30			7,405.10	18-07-18 15:41	651.226805	Other	NA	Electronic	7,405.10	7,409.60
US100-SEP18	19-07-18	09:32-11:30			7,383.80	19-07-18 11:11	32467.68094	Other	NA	Electronic	7,378.30	7,383.80
US100-SEP18	19-07-18	11:32-13:30			7,379.30	19-07-18 11:59	32447.89376	Other	NA	Electronic	7,373.80	7,379.30
US100-SEP18	19-07-18	13:30-13:32	7,386.20	64915.57471								
US100-SEP18	19-07-18	15:32-17:30			7,390.30	19-07-18 15:44	32496.26242	Other	NA	Electronic	7,390.30	7,394.80
US100-SEP18	20-07-18	09:32-11:30			7,378.70	20-07-18 10:17	32414.0357	Other	NA	Electronic	7,373.20	7,378.70
US100-SEP18	20-07-18	11:32-13:30			7,384.80	20-07-18 11:34	32472.07809	Other	NA	Electronic	7,384.80	7,390.30

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US100-SEP18	20-07-18	13:30-13:32	7,394.05	19509.89359								
US100-SEP18	20-07-18	15:32-17:30			7,393.20	20-07-18 15:57	45521.23824	Other	NA	Electronic	7,388.70	7,393.20
US100-SEP18	23-07-18	09:32-11:30			7,335.20	23-07-18 10:03	32253.97942	Other	NA	Electronic	7,329.70	7,335.20
US100-SEP18	23-07-18	11:32-13:30			7,343.30	23-07-18 12:50	32246.50427	Other	NA	Electronic	7,343.30	7,348.80
US100-SEP18	23-07-18	13:30-13:32	7,348.27	180547.0935								
US100-SEP18	23-07-18	15:32-17:30			7,364.80	23-07-18 15:38	32384.13508	Other	NA	Electronic	7,364.80	7,369.30
US100-SEP18	24-07-18	09:32-11:30			7,448.30	24-07-18 09:45	26201.03773	Other	NA	Electronic	7,442.80	7,448.30
US100-SEP18	24-07-18	11:32-13:30			7,453.30	24-07-18 12:06	32773.28291	Other	NA	Electronic	7,447.80	7,453.30
US100-SEP18	24-07-18	13:30-13:32	7,464.00	78762.29004								
US100-SEP18	24-07-18	15:32-17:30			7,444.60	24-07-18 15:32	59204.02779	Other	NA	Electronic	7,440.10	7,444.60
US100-SEP18	25-07-18	09:32-11:30			7,427.20	25-07-18 10:02	3265.851728	Other	NA	Electronic	7,421.70	7,427.20
US100-SEP18	25-07-18	11:32-13:30			7,412.10	25-07-18 12:22	6518.424061	Other	NA	Electronic	7,412.00	7,417.50
US100-SEP18	25-07-18	13:30-13:32	7,424.00	71789.72826								
US100-SEP18	25-07-18	15:32-17:30			7,456.10	25-07-18 15:40	6496.350365	Other	NA	Electronic	7,451.60	7,456.10
US100-SEP18	26-07-18	09:32-11:30			7,414.80	26-07-18 09:39	652.0798523	Other	NA	Electronic	7,409.30	7,414.80

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US100-SEP18	26-07-18	11:32-13:30			7,411.80	26-07-18 11:38	6515.873714	Other	NA	Electronic	7,411.80	7,417.30
US100-SEP18	26-07-18	13:30-13:32	7,424.70	65163.13429								
US100-SEP18	26-07-18	15:32-17:30			7,435.80	26-07-18 15:33	6539.266555	Other	NA	Electronic	7,431.30	7,435.80
US100-SEP18	27-07-18	09:30-09:32	7,460.10	653.9882156								
US100-SEP18	27-07-18	11:32-13:30			7,443.70	27-07-18 12:27	6546.214053	Other	NA	Electronic	7,438.20	7,443.70
US100-SEP18	27-07-18	13:32-15:30			7,444.30	27-07-18 13:32	65476.21142	Other	NA	Electronic	7,444.60	7,449.10
US100-SEP18	27-07-18	15:30-15:32	7,377.30	652.5899217								
US100-SEP18	30-07-18	09:32-11:30			7,291.70	30-07-18 09:57	54506.59573	Other	NA	Electronic	7,286.20	7,291.70
US100-SEP18	30-07-18	11:32-13:30			7,296.80	30-07-18 12:05	641.7025767	Other	NA	Electronic	7,291.30	7,296.80
US100-SEP18	30-07-18	13:30-13:32	7,309.85	5142.801864								
US100-SEP18	30-07-18	15:32-17:30			7,205.70	30-07-18 16:08	642.4500923	Other	NA	Electronic	7,205.70	7,210.20
US100-SEP18	31-07-18	11:32-13:30			7,224.30	31-07-18 11:40	6353.267083	Other	NA	Electronic	7,218.80	7,224.30
US100-SEP18	31-07-18	13:30-13:32	7,242.00	19051.18283								
US100-SEP18	31-07-18	15:32-17:30			7,243.30	31-07-18 15:33	636.601882	Other	NA	Electronic	7,243.30	7,247.80
US100-SEP18	01-08-18	09:32-11:30			7,265.00	01-08-18 10:15	7027.965878	Other	NA	Electronic	7,259.50	7,265.00



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US100-SEP18	01-08-18	11:32-13:30			7,262.60	01-08-18 11:53	25778.91127	Other	NA	Electronic	7,262.20	7,267.70
US100-SEP18	01-08-18	13:32-15:30			7,292.30	01-08-18 14:37	64130.68332	Other	NA	Electronic	7,292.30	7,296.80
US100-SEP18	01-08-18	15:32-17:30			7,259.70	01-08-18 15:52	6384.39891	Other	NA	Electronic	7,255.20	7,259.70
US100-SEP18	02-08-18	09:30-09:32	7,225.30	635.4146513								
US100-SEP18	02-08-18	13:30-13:32	7,231.80	6354.498285								
US100-SEP18	02-08-18	15:30-15:32	7,321.50	38632.48615								
US100-SEP18	03-08-18	09:32-11:30			7,388.80	03-08-18 09:56	649.7933339	Other	NA	Electronic	7,388.80	7,394.30
US100-SEP18	03-08-18	11:32-13:30			7,393.30	03-08-18 12:14	1301.6973	Other	NA	Electronic	7,393.30	7,398.80
US100-SEP18	06-08-18	09:32-11:30			7,411.50	06-08-18 10:20	651.7896403	Other	NA	Electronic	7,406.00	7,411.50
US100-SEP18	06-08-18	11:32-13:30			7,400.10	06-08-18 13:10	649.7933339	Other	NA	Electronic	7,394.60	7,400.10
US100-SEP18	06-08-18	13:32-15:30			7,402.30	06-08-18 15:05	32549.02823	Other	NA	Electronic	7,402.30	7,406.80
US100-SEP18	06-08-18	15:32-17:30			7,432.50	06-08-18 16:57	651.7896403	Other	NA	Electronic	7,432.50	7,437.00
US100-SEP18	07-08-18	09:32-11:30			7,467.80	07-08-18 10:37	656.7408319	Other	NA	Electronic	7,462.30	7,467.80
US100-SEP18	07-08-18	11:32-13:30			7,465.10	07-08-18 11:41	6565.033858	Other	NA	Electronic	7,459.60	7,465.10
US100-SEP18	07-08-18	13:32-15:30			7,484.10	07-08-18 13:35	649.6438308	Other	NA	Electronic	7,479.60	7,484.10

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US100-SEP18	07-08-18	15:32-17:30			7,459.30	07-08-18 15:45	19679.79949	Other	NA	Electronic	7,459.30	7,463.80
US100-SEP18	08-08-18	09:32-11:30			7,471.00	08-08-18 09:51	657.0222496	Other	NA	Electronic	7,471.00	7,476.50
US100-SEP18	08-08-18	11:32-13:30			7,459.70	08-08-18 12:24	654.05857	Other	NA	Electronic	7,459.70	7,465.20
US100-SEP18	08-08-18	13:32-15:30			7,463.80	08-08-18 13:51	65638.90599	Other	NA	Electronic	7,463.80	7,468.30
US100-SEP18	08-08-18	15:32-17:30			7,490.10	08-08-18 15:32	6565.033858	Other	NA	Electronic	7,490.10	7,494.60
US100-SEP18	09-08-18	09:32-11:30			7,478.20	09-08-18 10:12	657.558702	Other	NA	Electronic	7,478.20	7,483.70
US100-SEP18	09-08-18	11:32-13:30			7,476.30	09-08-18 11:34	6574.883476	Other	NA	Electronic	7,470.80	7,476.30
US100-SEP18	09-08-18	13:32-15:30			7,463.80	09-08-18 13:35	6573.124615	Other	NA	Electronic	7,463.80	7,468.30
US100-SEP18	10-08-18	11:32-13:30			7,430.20	10-08-18 12:10	6569.606895	Other	NA	Electronic	7,424.70	7,430.20
US100-SEP18	10-08-18	13:32-15:30			7,439.30	10-08-18 13:40	19373.49398	Other	NA	Electronic	7,434.80	7,439.30
US100-SEP18	13-08-18	11:32-13:30			7,440.80	13-08-18 12:40	6543.663706	Other	NA	Electronic	7,435.30	7,440.80
US100-SEP18	13-08-18	15:32-17:30			7,425.30	13-08-18 15:32	6539.090669	Other	NA	Electronic	7,425.30	7,429.80
US100-SEP18	14-08-18	09:32-11:30			7,454.30	14-08-18 11:25	6555.536013	Other	NA	Electronic	7,448.80	7,454.30
US100-SEP18	14-08-18	11:32-13:30			7,443.00	14-08-18 11:38	6545.598452	Other	NA	Electronic	7,443.00	7,448.50
US100-SEP18	14-08-18	13:32-15:30			7,438.10	14-08-18 13:39	6541.289245	Other	NA	Electronic	7,433.60	7,438.10

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US100-SEP18	14-08-18	15:32-17:30			7,451.60	14-08-18 16:09	52425.29241	Other	NA	Electronic	7,451.60	7,456.10
US100-SEP18	15-08-18	09:32-11:30			7,410.20	15-08-18 10:53	6516.753144	Other	NA	Electronic	7,404.70	7,410.20
US100-SEP18	15-08-18	11:30-11:32	7,394.30	6462.93202								
US100-SEP18	15-08-18	13:32-15:30			7,374.70	15-08-18 13:58	6485.533374	Other	NA	Electronic	7,374.70	7,379.20
US100-SEP18	15-08-18	15:32-17:30			7,354.60	15-08-18 16:35	6467.856829	Other	NA	Electronic	7,354.60	7,359.10
US100-SEP18	16-08-18	09:32-11:30			7,422.70	16-08-18 10:06	652.7746021	Other	NA	Electronic	7,422.70	7,428.20
US100-SEP18	16-08-18	11:32-13:30			7,412.30	16-08-18 12:50	6527.833964	Other	NA	Electronic	7,406.80	7,412.30
US100-SEP18	16-08-18	13:32-15:30			7,414.80	16-08-18 13:41	652.0798523	Other	NA	Electronic	7,410.30	7,414.80
US100-SEP18	16-08-18	15:32-17:30			7,426.60	16-08-18 15:53	6531.175798	Other	NA	Electronic	7,422.10	7,426.60
US100-SEP18	17-08-18	09:32-11:30			7,378.30	17-08-18 09:39	648.8699323	Other	NA	Electronic	7,372.80	7,378.30
US100-SEP18	17-08-18	11:32-13:30			7,363.60	17-08-18 12:07	647.57717	Other	NA	Electronic	7,358.10	7,363.60
US100-SEP18	17-08-18	13:32-15:30			7,368.60	17-08-18 13:42	3238.853223	Other	NA	Electronic	7,368.60	7,373.10
US100-SEP18	17-08-18	15:30-15:32	7,357.10	6470.055404								
US100-SEP18	20-08-18	11:32-13:30			7,406.30	20-08-18 11:32	651.4466626	Other	NA	Electronic	7,400.80	7,406.30
US100-SEP18	20-08-18	13:32-15:30			7,389.60	20-08-18 13:33	6510.685076	Other	NA	Electronic	7,389.60	7,394.10

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US100-SEP18	21-08-18	09:32-11:30			7,406.60	21-08-18 09:58	651.3587195	Other	NA	Electronic	7,401.10	7,406.60
US100-SEP18	21-08-18	13:32-15:30			7,412.10	21-08-18 13:34	651.8424061	Other	NA	Electronic	7,407.60	7,412.10
US100-SEP18	21-08-18	15:32-17:30			7,434.30	21-08-18 15:54	653.794741	Other	NA	Electronic	7,434.30	7,438.80
US100-SEP18	22-08-18	09:32-11:30			7,397.00	22-08-18 11:22	6505.144666	Other	NA	Electronic	7,391.50	7,397.00
US100-SEP18	22-08-18	11:32-13:30			7,389.60	22-08-18 11:53	25994.54753	Other	NA	Electronic	7,389.30	7,394.80
US100-SEP18	22-08-18	13:32-15:30			7,404.80	22-08-18 13:34	651.2004221	Other	NA	Electronic	7,404.80	7,409.30
US100-SEP18	22-08-18	15:32-17:30			7,430.80	22-08-18 15:34	6534.869405	Other	NA	Electronic	7,430.80	7,435.30
US100-SEP18	23-08-18	11:32-13:30			7,422.20	23-08-18 13:21	652.7306306	Other	NA	Electronic	7,416.70	7,422.20
US100-SEP18	23-08-18	13:32-15:30			7,431.80	23-08-18 13:33	652.7306306	Other	NA	Electronic	7,431.80	7,436.30
US100-SEP18	23-08-18	15:32-17:30			7,437.10	23-08-18 16:50	654.0409814	Other	NA	Electronic	7,437.10	7,441.60
US100-SEP18	24-08-18	09:32-11:30			7,444.00	24-08-18 10:33	654.6477882	Other	NA	Electronic	7,444.00	7,449.50
US100-SEP18	24-08-18	13:30-13:32	7,452.40	1966.159529								
US100-SEP18	24-08-18	15:32-17:30			7,496.50	24-08-18 15:49	655.7734588	Other	NA	Electronic	7,492.00	7,496.50
US100-SEP18	27-08-18	11:32-13:30			7,529.10	27-08-18 12:23	662.1317386	Other	NA	Electronic	7,529.10	7,534.60
US100-SEP18	27-08-18	13:32-15:30			7,550.10	27-08-18 14:03	653.6892094	Other	NA	Electronic	7,545.60	7,550.10

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US100-SEP18	27-08-18	15:32-17:30			7,568.30	27-08-18 16:27	649.4855334	Other	NA	Electronic	7,563.80	7,568.30
US100-SEP18	28-08-18	11:32-13:30			7,587.30	28-08-18 11:53	6672.50022	Other	NA	Electronic	7,581.80	7,587.30
US100-SEP18	28-08-18	15:32-17:30			7,570.60	28-08-18 16:04	662.1317386	Other	NA	Electronic	7,566.10	7,570.60
US100-SEP18	29-08-18	11:32-13:30			7,591.80	29-08-18 12:11	20029.37297	Other	NA	Electronic	7,591.80	7,597.30
US100-SEP18	29-08-18	13:32-15:30			7,605.60	29-08-18 13:50	20065.78137	Other	NA	Electronic	7,605.60	7,610.10
US100-SEP18	29-08-18	15:30-15:32	7,655.20	1309.172456								
US100-SEP18	30-08-18	11:32-13:30			7,656.10	30-08-18 12:19	40398.03008	Other	NA	Electronic	7,656.10	7,661.60
US100-SEP18	30-08-18	13:32-15:30			7,671.10	30-08-18 14:42	6746.196465	Other	NA	Electronic	7,671.10	7,675.60
US100-SEP18	30-08-18	15:32-17:30			7,677.10	30-08-18 16:30	6751.473045	Other	NA	Electronic	7,677.10	7,681.60
US100-SEP18	31-08-18	11:32-13:30			7,640.20	31-08-18 11:51	671.9022074	Other	NA	Electronic	7,634.70	7,640.20
US100-SEP18	31-08-18	13:32-15:30			7,654.60	31-08-18 13:35	40390.11521	Other	NA	Electronic	7,654.60	7,659.10
US100-SEP18	31-08-18	15:32-17:30			7,643.60	31-08-18 16:04	1349.978014	Other	NA	Electronic	7,643.60	7,648.10
US100-SEP18	04-09-18	09:32-11:30			7,673.30	04-09-18 10:03	40471.90221	Other	NA	Electronic	7,667.80	7,673.30
US100-SEP18	04-09-18	11:32-13:30			7,642.10	04-09-18 13:23	2016.207897	Other	NA	Electronic	7,636.60	7,642.10
US100-SEP18	04-09-18	13:32-15:30			7,611.50	04-09-18 13:38	6693.782429	Other	NA	Electronic	7,611.50	7,616.00

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US100-SEP18	04-09-18	15:32-17:30			7,623.80	04-09-18 15:49	40272.44745	Other	NA	Electronic	7,619.30	7,623.80
US100-SEP18	05-09-18	11:32-13:30			7,603.80	05-09-18 12:46	6687.010817	Other	NA	Electronic	7,603.80	7,609.30
US100-SEP18	05-09-18	13:32-15:30			7,597.80	05-09-18 13:43	6687.010817	Other	NA	Electronic	7,593.10	7,597.60
US100-SEP18	06-09-18	09:32-11:30			7,529.30	06-09-18 10:53	1325.881629	Other	NA	Electronic	7,523.80	7,529.30
US100-SEP18	06-09-18	13:32-15:30			7,495.10	06-09-18 13:41	13176.50163	Other	NA	Electronic	7,490.60	7,495.10
US100-SEP18	06-09-18	15:32-17:30			7,414.30	06-09-18 17:01	660.9357137	Other	NA	Electronic	7,410.00	7,414.50
US100-SEP18	07-09-18	11:32-13:30			7,442.60	07-09-18 12:20	654.524668	Other	NA	Electronic	7,437.10	7,442.60
US100-SEP18	07-09-18	13:30-13:32	7,414.23	1955.430481								
US100-SEP18	07-09-18	15:32-17:30			7,444.00	07-09-18 16:12	65464.77882	Other	NA	Electronic	7,439.50	7,444.00
US100-SEP18	10-09-18	09:32-11:30			7,474.10	10-09-18 10:24	6572.948729	Other	NA	Electronic	7,474.10	7,479.60
US100-SEP18	10-09-18	13:32-15:30			7,455.30	10-09-18 13:35	6556.415443	Other	NA	Electronic	7,450.80	7,455.30
US100-SEP18	10-09-18	15:32-17:30			7,452.10	10-09-18 15:32	6537.94741	Other	NA	Electronic	7,452.10	7,456.60
US100-SEP18	11-09-18	09:30-09:32	7,441.30	654.4103421								
US100-SEP18	11-09-18	11:32-13:30			7,440.30	11-09-18 11:43	1308.644798	Other	NA	Electronic	7,434.80	7,440.30
US100-SEP18	11-09-18	13:32-15:30			7,408.10	11-09-18 13:34	651.6665201	Other	NA	Electronic	7,403.20	7,407.70

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US100-SEP18	11-09-18	15:32-17:30			7,500.00	11-09-18 15:51	6572.948729	Other	NA	Electronic	7,495.50	7,500.00
US100-SEP18	12-09-18	09:32-11:30			7,523.30	12-09-18 09:53	1981.514379	Other	NA	Electronic	7,523.30	7,528.80
US100-SEP18	12-09-18	11:32-13:30			7,504.60	12-09-18 13:01	660.302524	Other	NA	Electronic	7,499.10	7,504.60
US100-SEP18	12-09-18	13:30-13:32	7,489.10	659.7308944								
US100-SEP18	12-09-18	15:32-17:30			7,459.60	12-09-18 15:50	1310.579544	Other	NA	Electronic	7,459.60	7,464.10
US100-SEP18	13-09-18	09:32-11:30			7,515.20	13-09-18 11:09	660.9093308	Other	NA	Electronic	7,509.70	7,515.20
US100-SEP18	13-09-18	11:32-13:30			7,518.30	13-09-18 11:48	1322.363908	Other	NA	Electronic	7,512.80	7,518.30
US100-SEP18	13-09-18	13:32-15:30			7,564.60	13-09-18 13:53	6652.537156	Other	NA	Electronic	7,564.60	7,569.10
US100-SEP18	13-09-18	15:32-17:30			7,571.30	13-09-18 16:59	665.8429338	Other	NA	Electronic	7,566.80	7,571.30
US100-SEP18	14-09-18	09:32-11:30			7,590.10	14-09-18 09:45	13349.92525	Other	NA	Electronic	7,590.10	7,595.60
US100-SEP18	14-09-18	13:32-15:30			7,563.00	14-09-18 14:08	13349.92525	Other	NA	Electronic	7,558.50	7,563.00
US100-SEP18	14-09-18	15:32-17:30			7,537.70	14-09-18 16:05	32779.43892	Other	NA	Electronic	7,537.70	7,542.20
US100-SEP18	17-09-18	13:32-15:30			7,481.80	17-09-18 14:01	664.7260575	Other	NA	Electronic	7,481.70	7,486.20
US100-SEP18	17-09-18	15:32-17:30			7,475.10	17-09-18 15:38	6573.828159	Other	NA	Electronic	7,470.60	7,475.10
US100-SEP18	18-09-18	09:32-11:30			7,455.60	18-09-18 10:17	655.6679272	Other	NA	Electronic	7,455.60	7,461.10

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US100-SEP18	18-09-18	11:32-13:30			7,454.60	18-09-18 12:00	655.6679272	Other	NA	Electronic	7,449.10	7,454.60
US100-SEP18	18-09-18	13:32-15:30			7,471.80	18-09-18 13:33	32854.6302	Other	NA	Electronic	7,467.30	7,471.80
US100-SEP18	18-09-18	15:30-15:32	7,519.50	6612.874857								
US100-SEP18	19-09-18	09:32-11:30			7,495.20	19-09-18 09:50	659.1504705	Other	NA	Electronic	7,495.20	7,500.70
US100-SEP18	19-09-18	11:32-13:30			7,487.30	19-09-18 12:36	26338.22883	Other	NA	Electronic	7,481.80	7,487.30
US100-SEP18	19-09-18	13:32-15:30			7,504.50	19-09-18 13:36	19799.05022	Other	NA	Electronic	7,500.00	7,504.50
US100-SEP18	19-09-18	15:32-17:30			7,461.20	19-09-18 16:41	26246.41632	Other	NA	Electronic	7,456.70	7,461.20
US100-SEP18	20-09-18	13:32-15:30			7,525.70	20-09-18 13:34	1320.904054	Other	NA	Electronic	7,525.60	7,530.10
US100-SEP18	20-09-18	15:32-17:30			7,572.00	20-09-18 16:51	33292.14669	Other	NA	Electronic	7,572.00	7,576.50
US30Cash	02-07-18	09:30-09:32	24,132.50	85001.2312								
US30Cash	02-07-18	11:30-11:32	24,127.00	4243.602146								
US30Cash	02-07-18	13:30-13:32	24,082.35	101843.3471								
US30Cash	02-07-18	15:30-15:32	24,165.88	170014.2028								
US30Cash	03-07-18	09:32-11:30			24,413.50	03-07-18 09:33	2145.985401	Other	NA	Electronic	24,409.50	24,413.50
US30Cash	03-07-18	11:30-11:32	24,428.00	21482.7192								



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US30Cash	03-07-18	13:30-13:32	24,429.53	204060.2849								
US30Cash	03-07-18	15:30-15:32	24,344.90	214096.3855								
US30Cash	04-07-18	09:30-09:32	24,254.57	63861.66564								
US30Cash	04-07-18	11:32-13:30			24,244.60	04-07-18 11:39	6396.429514	Other	NA	Electronic	24,239.40	24,244.60
US30Cash	04-07-18	13:30-13:32	24,243.15	21321.6076								
US30Cash	04-07-18	15:32-17:30			24,219.10	04-07-18 15:32	2129.900624	Other	NA	Electronic	24,219.10	24,221.90
US30Cash	05-07-18	09:32-11:30			24,263.50	05-07-18 09:32	2133.805294	Other	NA	Electronic	24,263.50	24,267.50
US30Cash	05-07-18	11:30-11:32	24,333.00	2138.510245								
US30Cash	05-07-18	13:30-13:32	24,347.03	286895.4094								
US30Cash	05-07-18	15:30-15:32	24,282.46	106739.4249								
US30Cash	06-07-18	09:32-11:30			24,320.00	06-07-18 09:36	21387.74074	Other	NA	Electronic	24,316.00	24,320.00
US30Cash	06-07-18	11:30-11:32	24,269.50	21343.32952								
US30Cash	06-07-18	13:30-13:32	24,310.68	297480.292								
US30Cash	06-07-18	15:30-15:32	24,471.23	64561.51614								
US30Cash	09-07-18	09:32-11:30			24,574.50	09-07-18 09:34	2161.155571	Other	NA	Electronic	24,574.50	24,578.50

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US30Cash	09-07-18	11:32-13:30			24,560.50	09-07-18 11:34	21599.24369	Other	NA	Electronic	24,560.50	24,564.50
US30Cash	09-07-18	13:30-13:32	24,586.19	183786.2633								
US30Cash	09-07-18	15:30-15:32	24,709.69	347791.5223								
US30Cash	10-07-18	09:30-09:32	24,827.50	21836.25011								
US30Cash	10-07-18	11:30-11:32	24,855.50	13115.20535								
US30Cash	10-07-18	13:30-13:32	24,872.16	255748.694								
US30Cash	10-07-18	15:30-15:32	24,896.10	21894.38044								
US30Cash	11-07-18	09:30-09:32	24,716.50	10868.2174								
US30Cash	11-07-18	11:30-11:32	24,722.25	43451.32354								
US30Cash	11-07-18	13:30-13:32	24,743.24	369843.3295								
US30Cash	11-07-18	15:30-15:32	24,736.27	235125.6442								
US30Cash	12-07-18	09:30-09:32	24,854.75	24045.90625								
US30Cash	12-07-18	11:32-13:30			24,875.50	12-07-18 11:33	65628.79254	Other	NA	Electronic	24,875.50	24,879.50
US30Cash	12-07-18	13:30-13:32	24,894.73	137936.1446								
US30Cash	12-07-18	15:30-15:32	24,881.88	52530.15566								

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US30Cash	13-07-18	09:30-09:32	24,911.50	109820.5963								
US30Cash	13-07-18	11:32-13:30			24,913.50	13-07-18 11:32	2191.100167	Other	NA	Electronic	24,909.50	24,913.50
US30Cash	13-07-18	13:30-13:32	24,924.32	96456.61771								
US30Cash	13-07-18	15:30-15:32	25,009.03	26403.69361								
US30Cash	16-07-18	09:32-11:30			25,068.00	16-07-18 09:38	2204.555448	Other	NA	Electronic	25,064.00	25,068.00
US30Cash	16-07-18	11:30-11:32	25,022.50	26412.71656								
US30Cash	16-07-18	13:30-13:32	25,040.97	88103.06921								
US30Cash	16-07-18	15:32-17:30			25,025.10	16-07-18 15:34	21989.18301	Other	NA	Electronic	25,025.10	25,027.90
US30Cash	17-07-18	09:30-09:32	25,065.50	2206.094451								
US30Cash	17-07-18	11:30-11:32	25,058.17	200474.1448								
US30Cash	17-07-18	13:30-13:32	25,054.82	365666.5904								
US30Cash	17-07-18	15:32-17:30			25,079.10	17-07-18 15:32	22050.74312	Other	NA	Electronic	25,079.10	25,081.90
US30Cash	18-07-18	09:32-11:30			25,139.50	18-07-18 09:33	2210.623516	Other	NA	Electronic	25,139.50	25,143.50
US30Cash	18-07-18	11:32-13:30			25,125.50	18-07-18 11:32	8838.448685	Other	NA	Electronic	25,121.50	25,125.50
US30Cash	18-07-18	13:30-13:32	25,128.14	99439.46882								

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US30Cash	18-07-18	15:30-15:32	25,187.97	243416.674								
US30Cash	19-07-18	09:30-09:32	25,146.83	110474.2767								
US30Cash	19-07-18	11:30-11:32	25,110.00	22082.05083								
US30Cash	19-07-18	13:30-13:32	25,118.01	412976.9589								
US30Cash	19-07-18	15:30-15:32	25,121.90	13255.77346								
US30Cash	20-07-18	09:30-09:32	25,031.00	44026.03113								
US30Cash	20-07-18	11:30-11:32	24,991.75	2211190.924								
US30Cash	20-07-18	13:30-13:32	24,993.76	83506.19119								
US30Cash	20-07-18	15:30-15:32	25,119.75	24303.06042								
US30Cash	23-07-18	09:32-11:30			25,050.50	23-07-18 09:34	22004.66098	Other	NA	Electronic	25,046.50	25,050.50
US30Cash	23-07-18	11:30-11:32	25,021.00	11004.96878								
US30Cash	23-07-18	13:30-13:32	25,038.58	79264.98989								
US30Cash	23-07-18	15:30-15:32	25,032.25	6596.763697								
US30Cash	24-07-18	09:30-09:32	25,138.50	22107.5543								
US30Cash	24-07-18	11:30-11:32	25,168.73	887659.8364								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US30Cash	24-07-18	13:30-13:32	25,148.36	172318.9869								
US30Cash	24-07-18	15:30-15:32	25,235.87	266148.7996								
US30Cash	25-07-18	09:32-11:30			25,238.50	25-07-18 09:33	2219.725618	Other	NA	Electronic	25,234.50	25,238.50
US30Cash	25-07-18	11:30-11:32	25,160.52	323498.8567								
US30Cash	25-07-18	13:30-13:32	25,187.61	252533.3568								
US30Cash	25-07-18	15:30-15:32	25,172.43	46483.41395								
US30Cash	26-07-18	09:32-11:30			25,455.50	26-07-18 09:33	6713.921379	Other	NA	Electronic	25,455.50	25,459.50
US30Cash	26-07-18	11:32-13:30			25,470.50	26-07-18 11:35	11199.76255	Other	NA	Electronic	25,466.50	25,470.50
US30Cash	26-07-18	13:30-13:32	25,481.08	179267.6106								
US30Cash	26-07-18	15:30-15:32	25,548.65	53920.72817								
US30Cash	27-07-18	09:32-11:30			25,574.00	27-07-18 09:33	2249.054613	Other	NA	Electronic	25,570.00	25,574.00
US30Cash	27-07-18	11:32-13:30			25,570.00	27-07-18 11:36	22486.94046	Other	NA	Electronic	25,570.00	25,574.00
US30Cash	27-07-18	13:30-13:32	25,536.99	128019.0221								
US30Cash	27-07-18	15:30-15:32	25,556.39	103376.4752								
US30Cash	30-07-18	09:32-11:30			25,440.00	30-07-18 09:38	22372.70249	Other	NA	Electronic	25,436.00	25,440.00

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US30Cash	30-07-18	11:32-13:30			25,465.00	30-07-18 11:37	22394.68824	Other	NA	Electronic	25,465.00	25,469.00
US30Cash	30-07-18	13:30-13:32	25,484.44	266653.9618								
US30Cash	30-07-18	15:30-15:32	25,418.23	279441.342								
US30Cash	31-07-18	09:30-09:32	25,310.50	2225.881629								
US30Cash	31-07-18	11:32-13:30			25,331.00	31-07-18 11:39	2226.980916	Other	NA	Electronic	25,331.00	25,335.00
US30Cash	31-07-18	13:30-13:32	25,404.90	375327.2008								
US30Cash	31-07-18	15:32-17:30			25,430.90	31-07-18 15:35	11224.43057	Other	NA	Electronic	25,428.10	25,430.90
US30Cash	01-08-18	09:32-11:30			25,378.50	01-08-18 09:36	2236.707414	Other	NA	Electronic	25,374.50	25,378.50
US30Cash	01-08-18	11:32-13:30			25,393.50	01-08-18 11:36	89327.23595	Other	NA	Electronic	25,389.50	25,393.50
US30Cash	01-08-18	13:30-13:32	25,420.13	71536.75139								
US30Cash	01-08-18	15:30-15:32	25,418.90	22354.14651								
US30Cash	02-08-18	09:30-09:32	25,161.29	356461.5337								
US30Cash	02-08-18	11:30-11:32	25,176.00	66294.96087								
US30Cash	02-08-18	13:30-13:32	25,150.75	24327.19198								
US30Cash	02-08-18	15:30-15:32	25,221.00	44319.7608								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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US30Cash	03-08-18	09:32-11:30			25,333.50	03-08-18 09:36	24501.04652	Other	NA	Electronic	25,329.50	25,333.50
US30Cash	03-08-18	11:32-13:30			25,403.50	03-08-18 11:32	22314.22039	Other	NA	Electronic	25,403.50	25,407.50
US30Cash	03-08-18	13:30-13:32	25,328.02	378665.9924								
US30Cash	03-08-18	15:30-15:32	25,388.50	22330.31396								
US30Cash	06-08-18	09:32-11:30			25,422.00	06-08-18 09:38	2235.687275	Other	NA	Electronic	25,418.00	25,422.00
US30Cash	06-08-18	11:32-13:30			25,458.50	06-08-18 11:35	22388.97195	Other	NA	Electronic	25,454.50	25,458.50
US30Cash	06-08-18	13:30-13:32	25,414.76	55881.4792								
US30Cash	06-08-18	15:30-15:32	25,453.27	6715.310879								
US30Cash	07-08-18	09:30-09:32	25,581.50	199689.9041								
US30Cash	07-08-18	11:32-13:30			25,578.50	07-08-18 12:05	22494.50356	Other	NA	Electronic	25,578.50	25,582.50
US30Cash	07-08-18	13:30-13:32	25,598.85	317522.6365								
US30Cash	07-08-18	15:32-17:30			25,649.90	07-08-18 15:34	2255.729487	Other	NA	Electronic	25,647.10	25,649.90
US30Cash	08-08-18	09:32-11:30			25,632.50	08-08-18 09:44	22541.99279	Other	NA	Electronic	25,632.50	25,636.50
US30Cash	08-08-18	11:32-13:30			25,637.50	08-08-18 11:52	11267.21484	Other	NA	Electronic	25,637.50	25,641.50
US30Cash	08-08-18	13:30-13:32	25,621.10	13519.18037								

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US30Cash	08-08-18	15:32-17:30			25,611.90	08-08-18 15:32	22523.87653	Other	NA	Electronic	25,609.10	25,611.90
US30Cash	09-08-18	09:30-09:32	25,557.50	11238.01776								
US30Cash	09-08-18	11:32-13:30			25,560.50	09-08-18 11:48	15735.07167	Other	NA	Electronic	25,556.50	25,560.50
US30Cash	09-08-18	13:30-13:32	25,592.60	60753.53971								
US30Cash	09-08-18	15:30-15:32	25,582.10	22493.53619								
US30Cash	10-08-18	09:32-11:30			25,400.50	10-08-18 09:37	22337.52528	Other	NA	Electronic	25,400.50	25,404.50
US30Cash	10-08-18	11:32-13:30			25,395.00	10-08-18 11:44	22388.44429	Other	NA	Electronic	25,391.00	25,395.00
US30Cash	10-08-18	13:30-13:32	25,334.50	222799.2261								
US30Cash	10-08-18	15:30-15:32	25,338.10	66849.26568								
US30Cash	13-08-18	09:32-11:30			25,265.50	13-08-18 09:39	2219.760795	Other	NA	Electronic	25,265.50	25,269.50
US30Cash	13-08-18	11:30-11:32	25,253.50	22208.68877								
US30Cash	13-08-18	13:30-13:32	25,332.50	11143.91874								
US30Cash	13-08-18	15:30-15:32	25,267.00	4444.481576								
US30Cash	14-08-18	09:32-11:30			25,295.00	14-08-18 09:46	11122.3727	Other	NA	Electronic	25,295.00	25,299.00
US30Cash	14-08-18	11:32-13:30			25,298.00	14-08-18 11:39	2224.782341	Other	NA	Electronic	25,293.50	25,297.50

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US30Cash	14-08-18	13:30-13:32	25,255.15	99925.55624								
US30Cash	14-08-18	15:32-17:30			25,284.10	14-08-18 15:32	4447.119866	Other	NA	Electronic	25,284.10	25,286.90
US30Cash	15-08-18	09:32-11:30			25,243.50	15-08-18 09:35	22199.89447	Other	NA	Electronic	25,243.50	25,247.50
US30Cash	15-08-18	11:30-11:32	25,139.00	154758.5964								
US30Cash	15-08-18	13:30-13:32	25,154.75	88487.73195								
US30Cash	15-08-18	15:30-15:32	25,053.90	88034.82543								
US30Cash	16-08-18	09:32-11:30			25,295.00	16-08-18 09:32	2224.518512	Other	NA	Electronic	25,291.00	25,295.00
US30Cash	16-08-18	11:32-13:30			25,379.50	16-08-18 11:37	44638.99393	Other	NA	Electronic	25,379.50	25,383.50
US30Cash	16-08-18	13:30-13:32	25,419.94	460431.4484								
US30Cash	16-08-18	15:32-17:30			25,509.90	16-08-18 15:32	44872.2188	Other	NA	Electronic	25,507.10	25,509.90
US30Cash	17-08-18	09:32-11:30			25,570.50	17-08-18 09:42	4499.18213	Other	NA	Electronic	25,566.50	25,570.50
US30Cash	17-08-18	11:30-11:32	25,558.00	2247.647524								
US30Cash	17-08-18	13:30-13:32	25,546.08	175214.4227								
US30Cash	17-08-18	15:32-17:30			25,597.60	17-08-18 15:33	2251.130068	Other	NA	Electronic	25,597.60	25,600.40
US30Cash	20-08-18	09:32-11:30			25,737.50	20-08-18 09:33	22634.33295	Other	NA	Electronic	25,737.50	25,741.50

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US30Cash	20-08-18	11:30-11:32	25,717.50	31663.44209								
US30Cash	20-08-18	13:30-13:32	25,729.50	22626.41808								
US30Cash	20-08-18	15:32-17:30			25,760.10	20-08-18 15:32	22654.03219	Other	NA	Electronic	25,760.10	25,762.90
US30Cash	21-08-18	09:32-11:30			25,802.50	21-08-18 09:49	22642.5996	Other	NA	Electronic	25,802.50	25,806.50
US30Cash	21-08-18	11:32-13:30			25,814.00	21-08-18 11:45	22701.60936	Other	NA	Electronic	25,814.00	25,818.00
US30Cash	21-08-18	13:30-13:32	25,797.60	4537.437341								
US30Cash	21-08-18	15:30-15:32	25,819.00	56759.8716								
US30Cash	22-08-18	09:32-11:30			25,752.50	22-08-18 09:36	22642.5996	Other	NA	Electronic	25,752.50	25,756.50
US30Cash	22-08-18	11:32-13:30			25,785.50	22-08-18 11:43	2267.65456	Other	NA	Electronic	25,785.50	25,789.50
US30Cash	22-08-18	13:30-13:32	25,806.05	61269.20236								
US30Cash	22-08-18	15:30-15:32	25,818.50	27244.85094								
US30Cash	23-08-18	09:32-11:30			25,716.00	23-08-18 09:42	22615.4252	Other	NA	Electronic	25,712.00	25,716.00
US30Cash	23-08-18	11:32-13:30			25,709.50	23-08-18 11:32	22609.26919	Other	NA	Electronic	25,709.50	25,713.50
US30Cash	23-08-18	13:30-13:32	25,697.10	49709.78806								
US30Cash	23-08-18	15:30-15:32	25,632.57	67626.33014								

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US30Cash	24-08-18	09:30-09:32	25,710.00	22610.58834								
US30Cash	24-08-18	11:32-13:30			25,747.50	24-08-18 11:35	2270.961217	Other	NA	Electronic	25,743.50	25,747.50
US30Cash	24-08-18	13:30-13:32	25,729.50	4525.459502								
US30Cash	24-08-18	15:32-17:30			25,794.10	24-08-18 15:33	22684.1087	Other	NA	Electronic	25,794.10	25,796.90
US30Cash	27-08-18	09:32-11:30			25,862.50	27-08-18 09:53	22744.26172	Other	NA	Electronic	25,858.50	25,862.50
US30Cash	27-08-18	11:30-11:32	25,873.00	27286.78217								
US30Cash	27-08-18	13:30-13:32	25,935.50	4562.923226								
US30Cash	27-08-18	15:32-17:30			25,998.10	27-08-18 15:39	4539.952511	Other	NA	Electronic	25,998.10	26,000.90
US30Cash	28-08-18	09:32-11:30			26,094.00	28-08-18 09:37	2294.784979	Other	NA	Electronic	26,090.50	26,094.50
US30Cash	28-08-18	11:32-13:30			26,113.00	28-08-18 11:42	91858.23586	Other	NA	Electronic	26,109.00	26,113.00
US30Cash	28-08-18	13:30-13:32	26,122.30	75800.1495								
US30Cash	28-08-18	15:30-15:32	26,093.90	22953.65403								
US30Cash	29-08-18	09:30-09:32	26,081.00	32115.82095								
US30Cash	29-08-18	11:30-11:32	26,069.50	2291.970803								
US30Cash	29-08-18	13:30-13:32	26,055.10	22936.85692								

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US30Cash	29-08-18	15:30-15:32	26,162.52	236186.6766								
US30Cash	30-08-18	09:32-11:30			26,050.00	30-08-18 09:32	2290.915487	Other	NA	Electronic	26,045.50	26,049.50
US30Cash	30-08-18	11:32-13:30			26,060.00	30-08-18 11:41	2290.915487	Other	NA	Electronic	26,060.00	26,064.00
US30Cash	30-08-18	13:30-13:32	26,063.80	373652.7746								
US30Cash	30-08-18	15:30-15:32	26,023.23	183082.5785								
US30Cash	31-08-18	09:32-11:30			25,967.00	31-08-18 09:36	41129.628	Other	NA	Electronic	25,967.00	25,971.00
US30Cash	31-08-18	11:30-11:32	25,942.00	34283.7921								
US30Cash	31-08-18	13:30-13:32	25,942.80	72994.2837								
US30Cash	31-08-18	15:30-15:32	25,952.33	273835.1948								
US30Cash	03-09-18	09:32-11:30			26,015.50	03-09-18 09:33	2287.881453	Other	NA	Electronic	26,015.50	26,019.50
US30Cash	03-09-18	11:32-13:30			26,059.50	03-09-18 11:39	22902.11943	Other	NA	Electronic	26,059.50	26,063.50
US30Cash	03-09-18	13:30-13:32	26,022.12	36622.03852								
US30Cash	03-09-18	15:30-15:32	26,021.10	22883.12374								
US30Cash	04-09-18	09:32-11:30			25,956.00	04-09-18 09:32	22826.48844	Other	NA	Electronic	25,952.00	25,956.00
US30Cash	04-09-18	11:30-11:32	25,880.50	9104.652185								

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US30Cash	04-09-18	13:30-13:32	25,894.50	9108.961393								
US30Cash	04-09-18	15:30-15:32	25,895.90	22766.77513								
US30Cash	05-09-18	09:30-09:32	25,846.33	50015.08223								
US30Cash	05-09-18	11:32-13:30			25,883.50	05-09-18 11:46	113813.6488	Other	NA	Electronic	25,883.50	25,887.50
US30Cash	05-09-18	13:32-15:30			25,889.10	05-09-18 13:32	2276.765456	Other	NA	Electronic	25,889.10	25,891.90
US30Cash	05-09-18	15:30-15:32	25,908.98	63810.41245								
US30Cash	06-09-18	09:32-11:30			25,998.50	06-09-18 09:51	45730.36672	Other	NA	Electronic	25,994.50	25,998.50
US30Cash	06-09-18	11:32-13:30			25,987.50	06-09-18 11:53	22860.3465	Other	NA	Electronic	25,987.50	25,991.50
US30Cash	06-09-18	13:30-13:32	25,979.50	45694.31009								
US30Cash	06-09-18	15:30-15:32	25,926.73	116226.55								
US30Cash	07-09-18	09:30-09:32	25,976.50	45697.82781								
US30Cash	07-09-18	11:32-13:30			25,969.50	07-09-18 11:34	22838.36074	Other	NA	Electronic	25,965.50	25,969.50
US30Cash	07-09-18	13:30-13:32	25,905.90	25061.46337								
US30Cash	07-09-18	15:30-15:32	25,970.15	159876.8798								
US30Cash	10-09-18	09:32-11:30			26,025.00	10-09-18 09:36	2288.716911	Other	NA	Electronic	26,025.00	26,029.00

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US30Cash	10-09-18	11:32-13:30			26,034.50	10-09-18 11:36	22895.5237	Other	NA	Electronic	26,030.50	26,034.50
US30Cash	10-09-18	13:32-15:30			26,020.60	10-09-18 13:32	2288.329962	Other	NA	Electronic	26,020.10	26,022.90
US30Cash	10-09-18	15:30-15:32	25,949.10	45615.86492								
US30Cash	11-09-18	09:30-09:32	25,793.50	47799.88567								
US30Cash	11-09-18	11:32-13:30			25,761.50	11-09-18 11:32	22661.59529	Other	NA	Electronic	25,757.50	25,761.50
US30Cash	11-09-18	13:30-13:32	25,764.80	56651.96553								
US30Cash	11-09-18	15:30-15:32	25,930.60	91216.60364								
US30Cash	12-09-18	09:32-11:30			26,011.50	12-09-18 09:32	22875.29681	Other	NA	Electronic	26,007.50	26,011.50
US30Cash	12-09-18	11:30-11:32	25,977.50	22845.39618								
US30Cash	12-09-18	13:30-13:32	25,988.90	18284.33735								
US30Cash	12-09-18	15:30-15:32	26,132.10	45930.43708								
US30Cash	13-09-18	09:32-11:30			26,011.00	13-09-18 09:36	22874.85709	Other	NA	Electronic	26,011.00	26,015.00
US30Cash	13-09-18	11:30-11:32	26,065.25	25215.02067								
US30Cash	13-09-18	13:30-13:32	26,120.90	2296.763697								
US30Cash	13-09-18	15:32-17:30			26,083.90	13-09-18 15:34	2293.896755	Other	NA	Electronic	26,081.10	26,083.90

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US30Cash	14-09-18	09:32-11:30			26,200.50	14-09-18 09:32	2303.623252	Other	NA	Electronic	26,200.50	26,204.50
US30Cash	14-09-18	11:32-13:30			26,190.50	14-09-18 11:53	2303.27148	Other	NA	Electronic	26,190.50	26,194.50
US30Cash	14-09-18	13:30-13:32	26,176.50	92081.61112								
US30Cash	14-09-18	15:32-17:30			26,205.90	14-09-18 15:32	9218.50321	Other	NA	Electronic	26,203.10	26,205.90
US30Cash	17-09-18	09:32-11:30			26,110.50	17-09-18 09:33	22962.36039	Other	NA	Electronic	26,110.50	26,114.50
US30Cash	17-09-18	11:32-13:30			26,129.00	17-09-18 11:47	45970.45115	Other	NA	Electronic	26,129.00	26,133.00
US30Cash	17-09-18	13:32-15:30			26,129.40	17-09-18 13:41	2297.898162	Other	NA	Electronic	26,126.60	26,129.40
US30Cash	17-09-18	15:30-15:32	26,147.90	2299.525108								
US30Cash	18-09-18	09:32-11:30			26,120.50	18-09-18 09:36	22971.15469	Other	NA	Electronic	26,120.50	26,124.50
US30Cash	18-09-18	11:30-11:32	26,116.50	4593.527394								
US30Cash	18-09-18	13:32-15:30			26,112.40	18-09-18 13:32	2296.499868	Other	NA	Electronic	26,109.60	26,112.40
US30Cash	18-09-18	15:30-15:32	26,194.37	13813.17386								
US30Cash	19-09-18	09:30-09:32	26,273.50	2310.57075								
US30Cash	19-09-18	11:30-11:32	26,258.25	46193.8264								
US30Cash	19-09-18	13:30-13:32	26,298.95	80921.15909								

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US30Cash	19-09-18	15:32-17:30			26,450.40	19-09-18 15:32	4652.642688	Other	NA	Electronic	26,447.60	26,450.40
US30Cash	20-09-18	09:32-11:30			26,451.50	20-09-18 09:36	23262.24606	Other	NA	Electronic	26,447.50	26,451.50
US30Cash	20-09-18	11:30-11:32	26,500.50	23305.33814								
US30Cash	20-09-18	13:30-13:32	26,579.06	168172.9839								
US30Cash	20-09-18	15:30-15:32	26,646.03	9373.080644								
US30Cash	21-09-18	09:30-09:32	26,742.50	23518.16023								
US30Cash	21-09-18	11:32-13:30			26,708.50	21-09-18 11:34	23548.06086	Other	NA	Electronic	26,708.50	26,712.50
US30Cash	21-09-18	13:30-13:32	26,757.98	77649.94284								
US30Cash	21-09-18	15:30-15:32	26,727.43	49359.95955								
US30Cash	24-09-18	09:32-11:30			26,683.00	24-09-18 09:37	2348.562132	Other	NA	Electronic	26,679.00	26,683.00
US30Cash	24-09-18	11:32-13:30			26,694.50	24-09-18 11:45	2347.594759	Other	NA	Electronic	26,690.50	26,694.50
US30Cash	24-09-18	13:30-13:32	26,666.87	7040.629672								
US30Cash	24-09-18	15:32-17:30			26,583.90	24-09-18 15:33	116942.6612	Other	NA	Electronic	26,581.10	26,583.90
US30Cash	25-09-18	09:32-11:30			26,618.00	25-09-18 10:07	23408.67118	Other	NA	Electronic	26,618.00	26,622.00
US30Cash	25-09-18	11:32-13:30			26,651.50	25-09-18 11:35	70314.39627	Other	NA	Electronic	26,651.50	26,655.50



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US30Cash	25-09-18	13:30-13:32	26,613.10	236440.1988								
US30Cash	25-09-18	15:30-15:32	26,598.12	35079.86984								
US30Cash	26-09-18	09:30-09:32	26,544.50	46688.06613								
US30Cash	26-09-18	11:32-13:30			26,538.50	26-09-18 11:38	23338.75649	Other	NA	Electronic	26,534.50	26,538.50
US30Cash	26-09-18	13:30-13:32	26,515.80	888203.632								
US30Cash	26-09-18	15:32-17:30			26,546.60	26-09-18 15:34	9354.638994	Other	NA	Electronic	26,546.60	26,549.40
US30Cash	27-09-18	09:32-11:30			26,379.50	27-09-18 09:33	9279.570838	Other	NA	Electronic	26,379.50	26,383.50
US30Cash	27-09-18	11:32-13:30			26,411.00	27-09-18 11:48	23220.47313	Other	NA	Electronic	26,411.00	26,415.00
US30Cash	27-09-18	13:30-13:32	26,434.72	325344.7278								
US30Cash	27-09-18	15:30-15:32	26,498.10	25634.4121								
US30Cash	28-09-18	09:30-09:32	26,439.25	46509.54182								
US30Cash	28-09-18	11:32-13:30			26,361.00	28-09-18 11:36	23548.94029	Other	NA	Electronic	26,361.00	26,365.00
US30Cash	28-09-18	13:30-13:32	26,391.12	95129.3202								
US30Cash	28-09-18	15:32-17:30			26,480.10	28-09-18 15:33	6987.22188	Other	NA	Electronic	26,480.10	26,482.90
US30-DEC18	20-09-18	11:32-13:30			26,531.00	20-09-18 11:39	4666.432152	Other	NA	Electronic	26,531.00	26,539.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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US30-DEC18	21-09-18	13:32-15:30			26,750.00	21-09-18 13:57	23524.75596	Other	NA	Electronic	26,750.00	26,756.00
US30-DEC18	21-09-18	15:32-17:30			26,758.00	21-09-18 16:40	2353.17914	Other	NA	Electronic	26,758.00	26,764.00
US30-DEC18	24-09-18	09:32-11:30			26,727.00	24-09-18 10:33	2350.452907	Other	NA	Electronic	26,719.00	26,727.00
US30-DEC18	24-09-18	13:32-15:30			26,669.00	24-09-18 14:04	2345.352212	Other	NA	Electronic	26,663.00	26,669.00
US30-DEC18	24-09-18	15:32-17:30			26,610.00	24-09-18 15:41	23401.63574	Other	NA	Electronic	26,610.00	26,616.00
US30-DEC18	25-09-18	09:32-11:30			26,685.00	25-09-18 11:01	11717.52704	Other	NA	Electronic	26,685.00	26,693.00
US30-DEC18	25-09-18	11:32-13:30			26,693.00	25-09-18 12:06	23392.84144	Other	NA	Electronic	26,693.00	26,701.00
US30-DEC18	25-09-18	13:32-15:30			26,621.00	25-09-18 13:52	2341.130947	Other	NA	Electronic	26,621.00	26,627.00
US30-DEC18	25-09-18	15:32-17:30			26,637.00	25-09-18 16:06	4685.076071	Other	NA	Electronic	26,631.00	26,637.00
US30-DEC18	26-09-18	11:32-13:30			26,523.00	26-09-18 13:29	4685.076071	Other	NA	Electronic	26,523.00	26,531.00
US30-DEC18	26-09-18	15:32-17:30			26,587.00	26-09-18 16:35	7014.422654	Other	NA	Electronic	26,581.00	26,587.00
US30-DEC18	27-09-18	11:32-13:30			26,430.00	27-09-18 12:36	23243.33832	Other	NA	Electronic	26,422.00	26,430.00
US30-DEC18	27-09-18	13:32-15:30			26,426.00	27-09-18 13:33	2323.98206	Other	NA	Electronic	26,426.00	26,432.00
US30-DEC18	27-09-18	15:32-17:30			26,550.00	27-09-18 15:59	23216.95541	Other	NA	Electronic	26,550.00	26,556.00
US30-DEC18	28-09-18	09:32-11:30			26,420.00	28-09-18 10:17	4652.36127	Other	NA	Electronic	26,412.00	26,420.00

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US30-DEC18	28-09-18	11:32-13:30			26,369.00	28-09-18 11:46	23189.69308	Other	NA	Electronic	26,369.00	26,377.00
US30-DEC18	28-09-18	13:30-13:32	26,416.00	4666.432152								
US30-DEC18	28-09-18	15:32-17:30			26,497.00	28-09-18 16:34	2329.874241	Other	NA	Electronic	26,497.00	26,503.00
US30-SEP18	02-07-18	09:32-11:30			24,121.00	02-07-18 10:56	21212.73415	Other	NA	Electronic	24,121.00	24,129.00
US30-SEP18	02-07-18	11:32-13:30			24,127.00	02-07-18 11:50	21218.01073	Other	NA	Electronic	24,119.00	24,127.00
US30-SEP18	02-07-18	13:30-13:32	24,063.00	2116.17272								
US30-SEP18	02-07-18	15:32-17:30			24,121.00	02-07-18 15:41	63638.20244	Other	NA	Electronic	24,121.00	24,127.00
US30-SEP18	03-07-18	09:32-11:30			24,404.00	03-07-18 09:55	4292.322575	Other	NA	Electronic	24,396.00	24,404.00
US30-SEP18	03-07-18	11:32-13:30			24,401.00	03-07-18 11:46	42917.94917	Other	NA	Electronic	24,401.00	24,409.00
US30-SEP18	03-07-18	13:32-15:30			24,423.00	03-07-18 13:32	6443.496614	Other	NA	Electronic	24,418.00	24,424.00
US30-SEP18	03-07-18	15:32-17:30			24,294.00	03-07-18 15:52	4272.975112	Other	NA	Electronic	24,294.00	24,300.00
US30-SEP18	04-07-18	09:32-11:30			24,225.00	04-07-18 10:40	2129.540058	Other	NA	Electronic	24,225.00	24,233.00
US30-SEP18	04-07-18	13:32-15:30			24,185.00	04-07-18 13:48	4251.341131	Other	NA	Electronic	24,185.00	24,191.00
US30-SEP18	04-07-18	15:32-17:30			24,202.00	04-07-18 15:59	21283.96799	Other	NA	Electronic	24,202.00	24,208.00
US30-SEP18	05-07-18	09:32-11:30			24,295.00	05-07-18 09:42	2136.575499	Other	NA	Electronic	24,295.00	24,303.00

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US30-SEP18	05-07-18	11:32-13:30			24,356.00	05-07-18 12:00	2128.308856	Other	NA	Electronic	24,356.00	24,364.00
US30-SEP18	05-07-18	13:30-13:32	24,326.00	192537.1559								
US30-SEP18	05-07-18	15:32-17:30			24,322.00	05-07-18 16:03	2138.94996	Other	NA	Electronic	24,316.00	24,322.00
US30-SEP18	06-07-18	09:32-11:30			24,297.00	06-07-18 09:39	2146.51306	Other	NA	Electronic	24,297.00	24,305.00
US30-SEP18	06-07-18	11:32-13:30			24,257.00	06-07-18 11:44	2133.233665	Other	NA	Electronic	24,249.00	24,257.00
US30-SEP18	06-07-18	13:32-15:30			24,286.00	06-07-18 13:34	2135.784012	Other	NA	Electronic	24,286.00	24,292.00
US30-SEP18	06-07-18	15:32-17:30			24,471.00	06-07-18 15:33	424325.0374	Other	NA	Electronic	24,465.00	24,471.00
US30-SEP18	09-07-18	09:32-11:30			24,569.00	09-07-18 10:10	10803.35942	Other	NA	Electronic	24,562.00	24,570.00
US30-SEP18	09-07-18	11:32-13:30			24,549.00	09-07-18 11:34	2161.551315	Other	NA	Electronic	24,549.00	24,557.00
US30-SEP18	09-07-18	13:32-15:30			24,593.00	09-07-18 13:34	21619.9103	Other	NA	Electronic	24,593.00	24,599.00
US30-SEP18	09-07-18	15:30-15:32	24,699.00	45509.45387								
US30-SEP18	10-07-18	09:32-11:30			24,833.00	10-07-18 10:21	4365.491162	Other	NA	Electronic	24,833.00	24,841.00
US30-SEP18	10-07-18	11:32-13:30			24,838.00	10-07-18 12:48	2184.328555	Other	NA	Electronic	24,830.00	24,838.00
US30-SEP18	10-07-18	13:32-15:30			24,856.00	10-07-18 13:33	2184.680327	Other	NA	Electronic	24,856.00	24,862.00
US30-SEP18	10-07-18	15:30-15:32	24,889.00	2188.813649								

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US30-SEP18	11-07-18	09:32-11:30			24,696.00	11-07-18 10:09	21718.40647	Other	NA	Electronic	24,688.00	24,696.00
US30-SEP18	11-07-18	11:32-13:30			24,705.00	11-07-18 11:41	21726.32134	Other	NA	Electronic	24,705.00	24,713.00
US30-SEP18	11-07-18	13:30-13:32	24,735.00	6525.811274								
US30-SEP18	11-07-18	15:32-17:30			24,732.00	11-07-18 15:33	21771.17228	Other	NA	Electronic	24,732.00	24,738.00
US30-SEP18	12-07-18	09:32-11:30			24,848.00	12-07-18 10:28	43704.1597	Other	NA	Electronic	24,840.00	24,848.00
US30-SEP18	12-07-18	11:32-13:30			24,885.00	12-07-18 13:24	21884.61877	Other	NA	Electronic	24,885.00	24,893.00
US30-SEP18	12-07-18	13:32-15:30			24,879.00	12-07-18 13:32	43704.1597	Other	NA	Electronic	24,879.00	24,885.00
US30-SEP18	12-07-18	15:32-17:30			24,849.00	12-07-18 15:37	10933.51508	Other	NA	Electronic	24,843.00	24,849.00
US30-SEP18	13-07-18	09:32-11:30			24,890.00	13-07-18 09:34	17504.17729	Other	NA	Electronic	24,882.00	24,890.00
US30-SEP18	13-07-18	11:32-13:30			24,906.00	13-07-18 11:47	13141.85208	Other	NA	Electronic	24,906.00	24,914.00
US30-SEP18	13-07-18	13:32-15:30			24,950.00	13-07-18 13:34	4388.356345	Other	NA	Electronic	24,944.00	24,950.00
US30-SEP18	13-07-18	15:32-17:30			24,967.00	13-07-18 15:43	4389.763433	Other	NA	Electronic	24,967.00	24,973.00
US30-SEP18	16-07-18	09:32-11:30			25,017.00	16-07-18 10:24	2189.341307	Other	NA	Electronic	25,017.00	25,025.00
US30-SEP18	16-07-18	11:32-13:30			25,029.00	16-07-18 12:00	2201.125671	Other	NA	Electronic	25,021.00	25,029.00
US30-SEP18	16-07-18	13:32-15:30			25,017.00	16-07-18 13:43	44001.40709	Other	NA	Electronic	25,017.00	25,023.00

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US30-SEP18	16-07-18	15:32-17:30			25,022.00	16-07-18 15:38	44062.9672	Other	NA	Electronic	25,016.00	25,022.00
US30-SEP18	17-07-18	09:32-11:30			25,016.00	17-07-18 10:31	21999.82411	Other	NA	Electronic	25,016.00	25,024.00
US30-SEP18	17-07-18	11:32-13:30			25,043.00	17-07-18 11:32	55010.55316	Other	NA	Electronic	25,043.00	25,051.00
US30-SEP18	17-07-18	13:32-15:30			25,017.00	17-07-18 13:35	2200.070354	Other	NA	Electronic	25,017.00	25,023.00
US30-SEP18	17-07-18	15:32-17:30			25,049.00	17-07-18 15:41	2201.125671	Other	NA	Electronic	25,049.00	25,055.00
US30-SEP18	18-07-18	09:32-11:30			25,119.00	18-07-18 09:46	2209.040542	Other	NA	Electronic	25,119.00	25,127.00
US30-SEP18	18-07-18	11:32-13:30			25,102.00	18-07-18 11:57	4418.960514	Other	NA	Electronic	25,102.00	25,110.00
US30-SEP18	18-07-18	13:32-15:30			25,104.00	18-07-18 13:33	22077.21397	Other	NA	Electronic	25,098.00	25,104.00
US30-SEP18	18-07-18	15:32-17:30			25,178.00	18-07-18 15:53	2214.229179	Other	NA	Electronic	25,172.00	25,178.00
US30-SEP18	19-07-18	09:32-11:30			25,108.00	19-07-18 10:08	22127.34148	Other	NA	Electronic	25,108.00	25,116.00
US30-SEP18	19-07-18	11:32-13:30			25,065.00	19-07-18 12:25	22042.91619	Other	NA	Electronic	25,057.00	25,065.00
US30-SEP18	19-07-18	13:32-15:30			25,119.00	19-07-18 13:36	22090.40542	Other	NA	Electronic	25,119.00	25,125.00
US30-SEP18	19-07-18	15:32-17:30			25,112.00	19-07-18 15:37	11033.3304	Other	NA	Electronic	25,112.00	25,118.00
US30-SEP18	20-07-18	09:32-11:30			25,013.00	20-07-18 09:36	2162.078973	Other	NA	Electronic	25,013.00	25,021.00
US30-SEP18	20-07-18	11:32-13:30			24,978.00	20-07-18 12:36	10981.00431	Other	NA	Electronic	24,970.00	24,978.00

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US30-SEP18	20-07-18	13:30-13:32	24,976.00	6578.577082								
US30-SEP18	20-07-18	15:32-17:30			25,099.00	20-07-18 15:34	2207.281681	Other	NA	Electronic	25,099.00	25,105.00
US30-SEP18	23-07-18	09:32-11:30			25,005.00	23-07-18 10:43	21990.15038	Other	NA	Electronic	25,005.00	25,013.00
US30-SEP18	23-07-18	11:32-13:30			25,044.00	23-07-18 12:00	21990.15038	Other	NA	Electronic	25,036.00	25,044.00
US30-SEP18	23-07-18	15:32-17:30			25,047.00	23-07-18 16:30	22027.08645	Other	NA	Electronic	25,047.00	25,053.00
US30-SEP18	24-07-18	09:32-11:30			25,118.00	24-07-18 09:36	17671.62079	Other	NA	Electronic	25,118.00	25,126.00
US30-SEP18	24-07-18	11:30-11:32	25,152.00	39815.05584								
US30-SEP18	24-07-18	13:30-13:32	25,137.00	66318.70548								
US30-SEP18	24-07-18	15:32-17:30			25,218.00	24-07-18 15:41	22177.469	Other	NA	Electronic	25,218.00	25,224.00
US30-SEP18	25-07-18	09:32-11:30			25,223.00	25-07-18 10:13	22181.86615	Other	NA	Electronic	25,215.00	25,223.00
US30-SEP18	25-07-18	11:30-11:32	25,120.23	1239414.563								
US30-SEP18	25-07-18	13:30-13:32	25,181.00	441311.2303								
US30-SEP18	25-07-18	15:32-17:30			25,153.00	25-07-18 15:33	44240.61208	Other	NA	Electronic	25,153.00	25,159.00
US30-SEP18	26-07-18	09:32-11:30			25,442.00	26-07-18 09:39	22370.0642	Other	NA	Electronic	25,442.00	25,450.00
US30-SEP18	26-07-18	11:32-13:30			25,452.00	26-07-18 11:37	44766.5113	Other	NA	Electronic	25,444.00	25,452.00

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US30-SEP18	26-07-18	13:32-15:30			25,482.00	26-07-18 13:33	66593.08768	Other	NA	Electronic	25,476.00	25,482.00
US30-SEP18	26-07-18	15:32-17:30			25,534.00	26-07-18 15:50	22455.36892	Other	NA	Electronic	25,528.00	25,534.00
US30-SEP18	27-07-18	09:32-11:30			25,540.00	27-07-18 10:00	22460.6455	Other	NA	Electronic	25,532.00	25,540.00
US30-SEP18	27-07-18	11:32-13:30			25,558.00	27-07-18 11:35	67429.42573	Other	NA	Electronic	25,550.00	25,558.00
US30-SEP18	27-07-18	13:32-15:30			25,536.00	27-07-18 13:36	44914.25556	Other	NA	Electronic	25,530.00	25,536.00
US30-SEP18	27-07-18	15:32-17:30			25,534.00	27-07-18 15:35	67366.10676	Other	NA	Electronic	25,534.00	25,540.00
US30-SEP18	30-07-18	09:30-09:32	25,406.00	11171.40093								
US30-SEP18	30-07-18	11:32-13:30			25,460.00	30-07-18 11:34	22390.29109	Other	NA	Electronic	25,452.00	25,460.00
US30-SEP18	30-07-18	13:32-15:30			25,427.00	30-07-18 13:35	2236.12699	Other	NA	Electronic	25,421.00	25,427.00
US30-SEP18	30-07-18	15:32-17:30			25,375.00	30-07-18 15:35	2231.553953	Other	NA	Electronic	25,369.00	25,375.00
US30-SEP18	31-07-18	11:32-13:30			25,309.00	31-07-18 11:38	2224606.455	Other	NA	Electronic	25,309.00	25,317.00
US30-SEP18	31-07-18	13:32-15:30			25,371.00	31-07-18 13:54	1115601.09	Other	NA	Electronic	25,365.00	25,371.00
US30-SEP18	31-07-18	15:32-17:30			25,388.00	31-07-18 15:42	22326.97212	Other	NA	Electronic	25,388.00	25,394.00
US30-SEP18	01-08-18	09:32-11:30			25,356.00	01-08-18 09:34	2238.853223	Other	NA	Electronic	25,348.00	25,356.00
US30-SEP18	01-08-18	11:32-13:30			25,365.00	01-08-18 12:30	22393.80881	Other	NA	Electronic	25,365.00	25,373.00



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US30-SEP18	01-08-18	13:32-15:30			25,438.00	01-08-18 14:35	44741.88726	Other	NA	Electronic	25,438.00	25,444.00
US30-SEP18	01-08-18	15:32-17:30			25,361.00	01-08-18 15:54	111815.1438	Other	NA	Electronic	25,355.00	25,361.00
US30-SEP18	02-08-18	09:32-11:30			25,121.00	02-08-18 09:34	110460.8214	Other	NA	Electronic	25,121.00	25,129.00
US30-SEP18	02-08-18	11:32-13:30			25,136.00	02-08-18 12:19	2210.535573	Other	NA	Electronic	25,128.00	25,136.00
US30-SEP18	02-08-18	13:32-15:30			25,090.00	02-08-18 13:35	2210.623516	Other	NA	Electronic	25,090.00	25,096.00
US30-SEP18	02-08-18	15:30-15:32	25,195.00	22157.24211								
US30-SEP18	03-08-18	09:32-11:30			25,321.00	03-08-18 10:25	155876.3521	Other	NA	Electronic	25,313.00	25,321.00
US30-SEP18	03-08-18	11:32-13:30			25,376.00	03-08-18 11:36	22315.53953	Other	NA	Electronic	25,376.00	25,384.00
US30-SEP18	03-08-18	13:32-15:30			25,339.00	03-08-18 14:09	222724.4745	Other	NA	Electronic	25,339.00	25,345.00
US30-SEP18	03-08-18	15:32-17:30			25,389.00	03-08-18 16:43	111538.1233	Other	NA	Electronic	25,389.00	25,395.00
US30-SEP18	06-08-18	09:32-11:30			25,442.00	06-08-18 11:00	20137.01521	Other	NA	Electronic	25,442.00	25,450.00
US30-SEP18	06-08-18	11:32-13:30			25,421.00	06-08-18 11:43	2235.599332	Other	NA	Electronic	25,413.00	25,421.00
US30-SEP18	06-08-18	13:32-15:30			25,383.00	06-08-18 14:20	22322.57497	Other	NA	Electronic	25,377.00	25,383.00
US30-SEP18	06-08-18	15:32-17:30			25,419.00	06-08-18 15:34	22351.59617	Other	NA	Electronic	25,419.00	25,425.00
US30-SEP18	07-08-18	13:32-15:30			25,614.00	07-08-18 13:56	4505.144666	Other	NA	Electronic	25,608.00	25,614.00

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US30-SEP18	07-08-18	15:32-17:30			25,636.00	07-08-18 16:14	22094.80257	Other	NA	Electronic	25,636.00	25,642.00
US30-SEP18	08-08-18	09:32-11:30			25,589.00	08-08-18 09:33	22523.96447	Other	NA	Electronic	25,589.00	25,597.00
US30-SEP18	08-08-18	11:32-13:30			25,568.00	08-08-18 12:46	22485.26955	Other	NA	Electronic	25,568.00	25,576.00
US30-SEP18	08-08-18	13:32-15:30			25,586.00	08-08-18 13:38	2250.109929	Other	NA	Electronic	25,580.00	25,586.00
US30-SEP18	09-08-18	09:32-11:30			25,556.00	09-08-18 10:28	4465.394424	Other	NA	Electronic	25,556.00	25,564.00
US30-SEP18	09-08-18	11:32-13:30			25,563.00	09-08-18 13:04	224782.341	Other	NA	Electronic	25,563.00	25,571.00
US30-SEP18	09-08-18	13:30-13:32	25,581.00	2251.868789								
US30-SEP18	10-08-18	09:32-11:30			25,397.00	10-08-18 09:32	111674.435	Other	NA	Electronic	25,397.00	25,405.00
US30-SEP18	10-08-18	11:32-13:30			25,360.00	10-08-18 12:07	44935.36189	Other	NA	Electronic	25,360.00	25,368.00
US30-SEP18	10-08-18	13:32-15:30			25,325.00	10-08-18 13:51	22271.56802	Other	NA	Electronic	25,325.00	25,331.00
US30-SEP18	10-08-18	15:32-17:30			25,344.00	10-08-18 15:50	44576.55439	Other	NA	Electronic	25,338.00	25,344.00
US30-SEP18	13-08-18	13:32-15:30			25,350.00	13-08-18 13:47	2229.355378	Other	NA	Electronic	25,344.00	25,350.00
US30-SEP18	14-08-18	11:32-13:30			25,247.00	14-08-18 13:17	2219.681646	Other	NA	Electronic	25,247.00	25,255.00
US30-SEP18	14-08-18	13:32-15:30			25,251.00	14-08-18 13:33	2220.649019	Other	NA	Electronic	25,245.00	25,251.00
US30-SEP18	14-08-18	15:32-17:30			25,299.00	14-08-18 16:34	22248.70284	Other	NA	Electronic	25,299.00	25,305.00

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US30-SEP18	15-08-18	09:32-11:30			25,221.00	15-08-18 09:54	11090.05365	Other	NA	Electronic	25,221.00	25,229.00
US30-SEP18	15-08-18	11:32-13:30			25,120.00	15-08-18 11:32	220912.8485	Other	NA	Electronic	25,120.00	25,128.00
US30-SEP18	15-08-18	13:32-15:30			25,064.00	15-08-18 13:52	220420.3676	Other	NA	Electronic	25,064.00	25,070.00
US30-SEP18	15-08-18	15:32-17:30			25,056.00	15-08-18 15:39	1762800.106	Other	NA	Electronic	25,056.00	25,062.00
US30-SEP18	16-08-18	09:32-11:30			25,310.00	16-08-18 09:36	22219.68165	Other	NA	Electronic	25,302.00	25,310.00
US30-SEP18	16-08-18	11:32-13:30			25,372.00	16-08-18 12:59	223129.0124	Other	NA	Electronic	25,372.00	25,380.00
US30-SEP18	16-08-18	13:32-15:30			25,459.00	16-08-18 13:42	22389.41166	Other	NA	Electronic	25,453.00	25,459.00
US30-SEP18	16-08-18	15:32-17:30			25,506.00	16-08-18 15:33	22340.16357	Other	NA	Electronic	25,506.00	25,512.00
US30-SEP18	17-08-18	11:32-13:30			25,550.00	17-08-18 11:58	44952.95049	Other	NA	Electronic	25,542.00	25,550.00
US30-SEP18	17-08-18	13:32-15:30			25,567.00	17-08-18 14:01	44958.22707	Other	NA	Electronic	25,561.00	25,567.00
US30-SEP18	17-08-18	15:32-17:30			25,668.00	17-08-18 15:58	223129.0124	Other	NA	Electronic	25,662.00	25,668.00
US30-SEP18	20-08-18	09:32-11:30			25,747.00	20-08-18 09:34	2264.268754	Other	NA	Electronic	25,739.00	25,747.00
US30-SEP18	20-08-18	13:32-15:30			25,763.00	20-08-18 13:59	2265.675842	Other	NA	Electronic	25,757.00	25,763.00
US30-SEP18	20-08-18	15:30-15:32	25,757.25	76963.32776								
US30-SEP18	21-08-18	09:32-11:30			25,811.00	21-08-18 09:55	2269.897107	Other	NA	Electronic	25,803.00	25,811.00

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US30-SEP18	21-08-18	11:32-13:30			25,808.00	21-08-18 13:01	2269.633278	Other	NA	Electronic	25,800.00	25,808.00
US30-SEP18	21-08-18	13:32-15:30			25,846.00	21-08-18 13:42	45459.50224	Other	NA	Electronic	25,840.00	25,846.00
US30-SEP18	21-08-18	15:32-17:30			25,844.00	21-08-18 15:53	2272.799226	Other	NA	Electronic	25,844.00	25,850.00
US30-SEP18	22-08-18	09:32-11:30			25,779.00	22-08-18 11:29	226708.293	Other	NA	Electronic	25,779.00	25,787.00
US30-SEP18	22-08-18	11:32-13:30			25,756.00	22-08-18 12:19	2263.829039	Other	NA	Electronic	25,756.00	25,764.00
US30-SEP18	22-08-18	13:32-15:30			25,824.00	22-08-18 13:41	2269.457392	Other	NA	Electronic	25,824.00	25,830.00
US30-SEP18	22-08-18	15:32-17:30			25,800.00	22-08-18 15:53	4537.155923	Other	NA	Electronic	25,800.00	25,806.00
US30-SEP18	23-08-18	11:32-13:30			25,715.00	23-08-18 11:52	22614.54577	Other	NA	Electronic	25,715.00	25,723.00
US30-SEP18	23-08-18	13:32-15:30			25,670.00	23-08-18 13:32	2257.497142	Other	NA	Electronic	25,670.00	25,676.00
US30-SEP18	23-08-18	15:30-15:32	25,640.00	22614.54577								
US30-SEP18	24-08-18	11:32-13:30			25,744.00	24-08-18 11:40	2263.037552	Other	NA	Electronic	25,744.00	25,752.00
US30-SEP18	24-08-18	13:32-15:30			25,751.00	24-08-18 14:01	22557.38282	Other	NA	Electronic	25,751.00	25,757.00
US30-SEP18	27-08-18	11:32-13:30			25,876.00	27-08-18 11:38	4551.226805	Other	NA	Electronic	25,876.00	25,884.00
US30-SEP18	27-08-18	13:32-15:30			25,977.00	27-08-18 13:43	2284.495647	Other	NA	Electronic	25,971.00	25,977.00
US30-SEP18	27-08-18	15:32-17:30			26,074.00	27-08-18 15:58	45860.52238	Other	NA	Electronic	26,077.00	26,083.00

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US30-SEP18	28-08-18	09:32-11:30			26,100.00	28-08-18 10:03	45925.60021	Other	NA	Electronic	26,100.00	26,108.00
US30-SEP18	29-08-18	09:32-11:30			26,075.00	29-08-18 10:52	2293.114062	Other	NA	Electronic	26,067.00	26,075.00
US30-SEP18	29-08-18	11:32-13:30			26,091.00	29-08-18 11:52	2293.114062	Other	NA	Electronic	26,091.00	26,099.00
US30-SEP18	29-08-18	15:32-17:30			26,169.00	29-08-18 15:58	6904.142116	Other	NA	Electronic	26,163.00	26,169.00
US30-SEP18	30-08-18	09:32-11:30			26,089.00	30-08-18 10:40	2294.345264	Other	NA	Electronic	26,081.00	26,089.00
US30-SEP18	30-08-18	11:32-13:30			26,090.00	30-08-18 12:21	2294.345264	Other	NA	Electronic	26,090.00	26,098.00
US30-SEP18	31-08-18	11:32-13:30			25,939.00	31-08-18 11:55	2281.153812	Other	NA	Electronic	25,939.00	25,947.00
US30-SEP18	31-08-18	13:32-15:30			25,991.00	31-08-18 14:01	2285.726849	Other	NA	Electronic	25,991.00	25,997.00
US30-SEP18	31-08-18	15:32-17:30			25,950.00	31-08-18 15:43	22821.21185	Other	NA	Electronic	25,944.00	25,950.00
US30-SEP18	03-09-18	09:30-09:32	26,033.00	2287.925424								
US30-SEP18	03-09-18	11:32-13:30			26,046.00	03-09-18 12:02	2290.563715	Other	NA	Electronic	26,046.00	26,054.00
US30-SEP18	03-09-18	13:32-15:30			26,031.00	03-09-18 13:47	2289.24457	Other	NA	Electronic	26,025.00	26,031.00
US30-SEP18	04-09-18	09:32-11:30			25,960.00	04-09-18 09:56	2283.000616	Other	NA	Electronic	25,960.00	25,968.00
US30-SEP18	04-09-18	11:30-11:32	25,893.00	27354.67417								
US30-SEP18	04-09-18	13:32-15:30			25,842.00	04-09-18 13:55	4551.226805	Other	NA	Electronic	25,836.00	25,842.00

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US30-SEP18	04-09-18	15:32-17:30			25,872.00	04-09-18 16:06	2279.92261	Other	NA	Electronic	25,866.00	25,872.00
US30-SEP18	05-09-18	11:32-13:30			25,880.00	05-09-18 12:59	22759.65175	Other	NA	Electronic	25,880.00	25,888.00
US30-SEP18	05-09-18	13:32-15:30			25,966.00	05-09-18 13:52	45670.56547	Other	NA	Electronic	25,960.00	25,966.00
US30-SEP18	05-09-18	15:32-17:30			25,935.00	05-09-18 15:44	11416.32222	Other	NA	Electronic	25,929.00	25,935.00
US30-SEP18	06-09-18	09:32-11:30			26,029.00	06-09-18 09:36	2287.397766	Other	NA	Electronic	26,029.00	26,037.00
US30-SEP18	06-09-18	11:32-13:30			26,016.00	06-09-18 12:54	22879.25424	Other	NA	Electronic	26,008.00	26,016.00
US30-SEP18	06-09-18	13:32-15:30			26,034.00	06-09-18 13:35	22895.08399	Other	NA	Electronic	26,034.00	26,040.00
US30-SEP18	06-09-18	15:32-17:30			25,945.00	06-09-18 15:34	2281.68147	Other	NA	Electronic	25,946.00	25,952.00
US30-SEP18	07-09-18	09:32-11:30			25,978.00	07-09-18 10:11	2286.078621	Other	NA	Electronic	25,970.00	25,978.00
US30-SEP18	07-09-18	11:32-13:30			25,973.00	07-09-18 12:13	22841.43875	Other	NA	Electronic	25,973.00	25,981.00
US30-SEP18	07-09-18	15:32-17:30			25,893.00	07-09-18 16:08	2277.108434	Other	NA	Electronic	25,893.00	25,899.00
US30-SEP18	10-09-18	09:32-11:30			26,049.00	10-09-18 10:56	2290.827544	Other	NA	Electronic	26,049.00	26,057.00
US30-SEP18	10-09-18	11:32-13:30			26,033.00	10-09-18 12:43	11453.698	Other	NA	Electronic	26,025.00	26,033.00
US30-SEP18	10-09-18	13:32-15:30			26,009.00	10-09-18 13:37	2287.309823	Other	NA	Electronic	26,008.00	26,014.00
US30-SEP18	10-09-18	15:32-17:30			25,921.00	10-09-18 16:16	21975.20007	Other	NA	Electronic	25,921.00	25,927.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US30-SEP18	11-09-18	09:32-11:30			25,795.00	11-09-18 09:34	22684.90018	Other	NA	Electronic	25,795.00	25,803.00
US30-SEP18	11-09-18	13:32-15:30			25,822.00	11-09-18 13:55	2270.86448	Other	NA	Electronic	25,822.00	25,828.00
US30-SEP18	11-09-18	15:32-17:30			26,010.00	11-09-18 15:56	2273.678656	Other	NA	Electronic	26,010.00	26,016.00
US30-SEP18	12-09-18	09:32-11:30			26,030.00	12-09-18 09:37	22907.39601	Other	NA	Electronic	26,022.00	26,030.00
US30-SEP18	12-09-18	11:32-13:30			25,993.00	12-09-18 11:35	2287.133937	Other	NA	Electronic	25,985.00	25,993.00
US30-SEP18	12-09-18	13:32-15:30			25,961.00	12-09-18 14:34	2283.088559	Other	NA	Electronic	25,961.00	25,967.00
US30-SEP18	12-09-18	15:30-15:32	26,145.50	91974.32064								
US30-SEP18	13-09-18	09:32-11:30			26,047.00	13-09-18 10:49	2290.651658	Other	NA	Electronic	26,047.00	26,055.00
US30-SEP18	13-09-18	11:32-13:30			26,100.00	13-09-18 11:51	343096.4735	Other	NA	Electronic	26,092.00	26,100.00
US30-SEP18	13-09-18	13:30-13:32	26,118.00	22954.0058								
US30-SEP18	13-09-18	15:32-17:30			26,139.00	13-09-18 15:55	11493.71207	Other	NA	Electronic	26,139.00	26,145.00
US30-SEP18	14-09-18	09:32-11:30			26,194.00	14-09-18 09:59	23035.79281	Other	NA	Electronic	26,194.00	26,202.00
US30-SEP18	14-09-18	13:32-15:30			26,156.00	14-09-18 14:09	6902.295313	Other	NA	Electronic	26,150.00	26,156.00
US30-SEP18	14-09-18	15:32-17:30			26,134.00	14-09-18 16:09	6909.154868	Other	NA	Electronic	26,128.00	26,134.00
US30-SEP18	17-09-18	09:32-11:30			26,126.00	17-09-18 09:59	11498.98866	Other	NA	Electronic	26,118.00	26,126.00

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US30-SEP18	17-09-18	11:32-13:30			26,147.00	17-09-18 12:12	2299.445959	Other	NA	Electronic	26,139.00	26,147.00
US30-SEP18	17-09-18	13:32-15:30			26,151.00	17-09-18 13:34	2298.918301	Other	NA	Electronic	26,145.00	26,151.00
US30-SEP18	18-09-18	09:32-11:30			26,142.00	18-09-18 11:04	22929.38176	Other	NA	Electronic	26,134.00	26,142.00
US30-SEP18	18-09-18	11:32-13:30			26,102.00	18-09-18 13:09	2295.488523	Other	NA	Electronic	26,094.00	26,102.00
US30-SEP18	18-09-18	13:32-15:30			26,140.00	18-09-18 13:34	2295.488523	Other	NA	Electronic	26,140.00	26,146.00
US30-SEP18	18-09-18	15:30-15:32	26,193.00	23034.91338								
US30-SEP18	19-09-18	09:32-11:30			26,277.00	19-09-18 09:32	2310.878551	Other	NA	Electronic	26,277.00	26,285.00
US30-SEP18	19-09-18	11:32-13:30			26,247.00	19-09-18 12:09	2308.24026	Other	NA	Electronic	26,247.00	26,255.00
US30-SEP18	19-09-18	13:32-15:30			26,369.00	19-09-18 13:33	46379.38616	Other	NA	Electronic	26,363.00	26,369.00
US30-SEP18	19-09-18	15:32-17:30			26,438.00	19-09-18 16:39	2325.037376	Other	NA	Electronic	26,438.00	26,444.00
US30-SEP18	20-09-18	09:32-11:30			26,496.00	20-09-18 11:23	2251.253188	Other	NA	Electronic	26,489.00	26,497.00
US30-SEP18	20-09-18	11:32-13:30			26,515.00	20-09-18 11:34	4640.40102	Other	NA	Electronic	26,507.00	26,515.00
US500Cash	02-07-18	09:30-09:32	2,704.57	28548.94029								
US500Cash	02-07-18	11:30-11:32	2,704.90	30900.53645								
US500Cash	02-07-18	13:30-13:32	2,698.96	9739.864568								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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US500Cash	02-07-18	15:30-15:32	2,709.37	5718.670302								
US500Cash	03-07-18	09:30-09:32	2,734.10	69729.04758								
US500Cash	03-07-18	11:30-11:32	2,736.60	240.1020139								
US500Cash	03-07-18	13:30-13:32	2,735.20	12027.08645								
US500Cash	03-07-18	15:30-15:32	2,729.70	2400.580424								
US500Cash	04-07-18	09:32-11:30			2,720.30	04-07-18 09:33	2392.313781	Other	NA	Electronic	2,720.30	2,721.20
US500Cash	04-07-18	11:32-13:30			2,718.50	04-07-18 11:35	4781.461613	Other	NA	Electronic	2,718.50	2,719.40
US500Cash	04-07-18	13:30-13:32	2,720.80	2391.874066								
US500Cash	04-07-18	15:30-15:32	2,719.60	5022.566177								
US500Cash	05-07-18	09:32-11:30			2,725.70	05-07-18 09:35	4780.230411	Other	NA	Electronic	2,724.80	2,725.70
US500Cash	05-07-18	11:30-11:32	2,729.40	2399.437165								
US500Cash	05-07-18	13:30-13:32	2,729.78	105687.0988								
US500Cash	05-07-18	15:30-15:32	2,725.20	9587.459326								
US500Cash	06-07-18	09:30-09:32	2,736.90	9628.704599								
US500Cash	06-07-18	11:32-13:30			2,731.90	06-07-18 11:33	2402.778999	Other	NA	Electronic	2,731.00	2,731.90

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	06-07-18	13:30-13:32	2,735.90	106381.3825								
US500Cash	06-07-18	15:30-15:32	2,756.73	7238.589394								
US500Cash	09-07-18	09:32-11:30			2,771.50	09-07-18 09:33	2437.428546	Other	NA	Electronic	2,770.60	2,771.50
US500Cash	09-07-18	11:30-11:32	2,769.80	4871.691144								
US500Cash	09-07-18	13:30-13:32	2,771.80	50230.41069								
US500Cash	09-07-18	15:30-15:32	2,777.06	32944.68384								
US500Cash	10-07-18	09:32-11:30			2,787.80	10-07-18 09:34	1225.837657	Other	NA	Electronic	2,787.80	2,788.70
US500Cash	10-07-18	11:32-13:30			2,791.30	10-07-18 11:33	245.475332	Other	NA	Electronic	2,791.30	2,792.20
US500Cash	10-07-18	13:30-13:32	2,790.70	7605.892182								
US500Cash	10-07-18	15:30-15:32	2,790.27	26999.03263								
US500Cash	11-07-18	09:30-09:32	2,773.80	2439.451236								
US500Cash	11-07-18	11:32-13:30			2,774.60	11-07-18 11:40	244.0066837	Other	NA	Electronic	2,774.60	2,775.50
US500Cash	11-07-18	13:30-13:32	2,776.92	27835.69607								
US500Cash	11-07-18	15:30-15:32	2,775.87	84258.28863								
US500Cash	12-07-18	09:30-09:32	2,785.90	14700.02638								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	12-07-18	11:30-11:32	2,787.60	2451.499428								
US500Cash	12-07-18	13:30-13:32	2,787.80	9802.128221								
US500Cash	12-07-18	15:30-15:32	2,790.00	12513.41131								
US500Cash	13-07-18	09:32-11:30			2,796.30	13-07-18 09:32	2459.15047	Other	NA	Electronic	2,795.40	2,796.30
US500Cash	13-07-18	11:30-11:32	2,797.00	2462.492305								
US500Cash	13-07-18	13:32-15:30			2,798.70	13-07-18 13:33	2460.029901	Other	NA	Electronic	2,798.70	2,799.40
US500Cash	13-07-18	15:30-15:32	2,802.95	14790.4318								
US500Cash	16-07-18	09:32-11:30			2,803.50	16-07-18 09:47	1233.005013	Other	NA	Electronic	2,802.60	2,803.50
US500Cash	16-07-18	11:30-11:32	2,798.75	4927.886729								
US500Cash	16-07-18	13:30-13:32	2,801.90	2464.075279								
US500Cash	16-07-18	15:32-17:30			2,796.20	16-07-18 15:34	2459.062527	Other	NA	Electronic	2,796.20	2,796.90
US500Cash	17-07-18	09:32-11:30			2,793.60	17-07-18 09:44	2456.776009	Other	NA	Electronic	2,793.60	2,794.50
US500Cash	17-07-18	11:32-13:30			2,791.60	17-07-18 11:32	2455.017149	Other	NA	Electronic	2,791.60	2,792.50
US500Cash	17-07-18	13:30-13:32	2,789.95	4907.132178								
US500Cash	17-07-18	15:32-17:30			2,802.80	17-07-18 15:32	2458.095154	Other	NA	Electronic	2,802.80	2,803.50

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	18-07-18	09:32-11:30			2,812.10	18-07-18 09:36	247.3045467	Other	NA	Electronic	2,811.20	2,812.10
US500Cash	18-07-18	11:32-13:30			2,809.60	18-07-18 11:32	1729.592824	Other	NA	Electronic	2,808.70	2,809.60
US500Cash	18-07-18	13:30-13:32	2,810.30	2471.462492								
US500Cash	18-07-18	15:30-15:32	2,813.00	3710.799402								
US500Cash	19-07-18	09:32-11:30			2,809.50	19-07-18 09:33	494.1517896	Other	NA	Electronic	2,808.60	2,809.50
US500Cash	19-07-18	11:32-13:30			2,807.50	19-07-18 11:33	247.023129	Other	NA	Electronic	2,806.60	2,807.50
US500Cash	19-07-18	13:30-13:32	2,808.26	41730.02374								
US500Cash	19-07-18	15:32-17:30			2,807.90	19-07-18 15:35	29632.22232	Other	NA	Electronic	2,807.90	2,808.60
US500Cash	20-07-18	09:32-11:30			2,801.60	20-07-18 09:32	2463.81145	Other	NA	Electronic	2,801.60	2,802.50
US500Cash	20-07-18	11:30-11:32	2,800.00	738.7213086								
US500Cash	20-07-18	13:30-13:32	2,801.88	17250.72553								
US500Cash	20-07-18	15:30-15:32	2,809.16	12352.29971								
US500Cash	23-07-18	09:32-11:30			2,799.10	23-07-18 09:34	12307.62466	Other	NA	Electronic	2,799.10	2,800.00
US500Cash	23-07-18	11:32-13:30			2,797.10	23-07-18 11:32	737.9562044	Other	NA	Electronic	2,797.10	2,798.00
US500Cash	23-07-18	13:30-13:32	2,801.05	7384.838625								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	23-07-18	15:30-15:32	2,802.90	3204.441122								
US500Cash	24-07-18	09:32-11:30			2,815.80	24-07-18 09:34	2472.253979	Other	NA	Electronic	2,815.80	2,816.70
US500Cash	24-07-18	11:32-13:30			2,818.00	24-07-18 11:33	2477.442617	Other	NA	Electronic	2,817.10	2,818.00
US500Cash	24-07-18	13:30-13:32	2,822.80	496.3943365								
US500Cash	24-07-18	15:30-15:32	2,825.20	497.0363205								
US500Cash	25-07-18	09:32-11:30			2,818.80	25-07-18 09:33	2477.882332	Other	NA	Electronic	2,817.90	2,818.80
US500Cash	25-07-18	11:30-11:32	2,814.07	17328.81893								
US500Cash	25-07-18	13:30-13:32	2,818.90	743.7076774								
US500Cash	25-07-18	15:30-15:32	2,823.00	4965.26251								
US500Cash	26-07-18	09:32-11:30			2,837.00	26-07-18 09:35	2494.943277	Other	NA	Electronic	2,836.10	2,837.00
US500Cash	26-07-18	11:30-11:32	2,835.80	997.5551842								
US500Cash	26-07-18	13:32-15:30			2,838.90	26-07-18 13:36	2460.821388	Other	NA	Electronic	2,838.20	2,838.90
US500Cash	26-07-18	15:30-15:32	2,841.00	4996.921995								
US500Cash	27-07-18	09:30-09:32	2,845.85	10249.82851								
US500Cash	27-07-18	11:32-13:30			2,843.40	27-07-18 11:36	2500.57163	Other	NA	Electronic	2,842.50	2,843.40

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US500Cash	27-07-18	13:30-13:32	2,841.35	19990.76598								
US500Cash	27-07-18	15:30-15:32	2,830.45	2738.395919								
US500Cash	30-07-18	09:30-09:32	2,814.00	19804.06297								
US500Cash	30-07-18	11:32-13:30			2,815.50	30-07-18 11:33	2476.035529	Other	NA	Electronic	2,814.60	2,815.50
US500Cash	30-07-18	13:30-13:32	2,819.79	25036.81295								
US500Cash	30-07-18	15:32-17:30			2,808.00	30-07-18 15:35	2469.439803	Other	NA	Electronic	2,808.00	2,808.70
US500Cash	31-07-18	09:32-11:30			2,805.30	31-07-18 09:58	2467.065342	Other	NA	Electronic	2,805.30	2,806.20
US500Cash	31-07-18	11:32-13:30			2,809.30	31-07-18 11:35	2470.583062	Other	NA	Electronic	2,809.30	2,810.20
US500Cash	31-07-18	13:30-13:32	2,812.43	24773.89851								
US500Cash	31-07-18	15:30-15:32	2,815.93	19757.1014								
US500Cash	01-08-18	09:32-11:30			2,812.50	01-08-18 09:33	4946.794477	Other	NA	Electronic	2,812.50	2,813.40
US500Cash	01-08-18	11:30-11:32	2,814.00	1979.773107								
US500Cash	01-08-18	13:30-13:32	2,818.65	991.4607334								
US500Cash	01-08-18	15:30-15:32	2,817.95	12888.41791								
US500Cash	02-08-18	09:30-09:32	2,793.73	22034.17465								

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US500Cash	02-08-18	11:32-13:30			2,795.90	02-08-18 11:47	2458.798698	Other	NA	Electronic	2,795.00	2,795.90
US500Cash	02-08-18	13:30-13:32	2,795.37	1721.220649								
US500Cash	02-08-18	15:30-15:32	2,811.70	1236.346847								
US500Cash	03-08-18	09:32-11:30			2,828.00	03-08-18 09:35	2485.797203	Other	NA	Electronic	2,828.00	2,828.90
US500Cash	03-08-18	11:30-11:32	2,835.90	49258.6404								
US500Cash	03-08-18	13:30-13:32	2,829.70	248.8523437								
US500Cash	03-08-18	15:32-17:30			2,832.00	03-08-18 15:33	2492.304986	Other	NA	Electronic	2,831.30	2,832.00
US500Cash	06-08-18	09:32-11:30			2,837.40	06-08-18 09:41	249.8900712	Other	NA	Electronic	2,836.50	2,837.40
US500Cash	06-08-18	11:32-13:30			2,841.40	06-08-18 11:37	4997.625539	Other	NA	Electronic	2,840.50	2,841.40
US500Cash	06-08-18	13:32-15:30			2,836.60	06-08-18 13:32	249.4591505	Other	NA	Electronic	2,836.60	2,837.30
US500Cash	06-08-18	15:30-15:32	2,844.20	24987.51209								
US500Cash	07-08-18	09:32-11:30			2,856.20	07-08-18 09:34	5023.65667	Other	NA	Electronic	2,856.20	2,857.10
US500Cash	07-08-18	11:32-13:30			2,855.50	07-08-18 11:48	251.1212734	Other	NA	Electronic	2,855.50	2,856.40
US500Cash	07-08-18	13:32-15:30			2,856.80	07-08-18 13:32	251.2004221	Other	NA	Electronic	2,856.80	2,857.50
US500Cash	07-08-18	15:32-17:30			2,858.90	07-08-18 15:32	2514.114854	Other	NA	Electronic	2,858.90	2,859.60

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US500Cash	08-08-18	09:32-11:30			2,859.50	08-08-18 09:39	2514.730455	Other	NA	Electronic	2,858.60	2,859.50
US500Cash	08-08-18	11:32-13:30			2,861.70	08-08-18 11:32	2516.665201	Other	NA	Electronic	2,860.80	2,861.70
US500Cash	08-08-18	13:32-15:30			2,854.40	08-08-18 13:32	2516.665201	Other	NA	Electronic	2,854.40	2,855.10
US500Cash	08-08-18	15:32-17:30			2,860.30	08-08-18 15:44	2515.433999	Other	NA	Electronic	2,859.60	2,860.30
US500Cash	09-08-18	09:30-09:32	2,857.50	5017.148888								
US500Cash	09-08-18	11:32-13:30			2,857.60	09-08-18 12:00	1255.826225	Other	NA	Electronic	2,857.60	2,858.50
US500Cash	09-08-18	13:30-13:32	2,858.20	2514.994284								
US500Cash	09-08-18	15:32-17:30			2,858.50	09-08-18 15:38	2516.225486	Other	NA	Electronic	2,858.50	2,859.20
US500Cash	10-08-18	09:30-09:32	2,840.50	24980.21282								
US500Cash	10-08-18	11:32-13:30			2,841.20	10-08-18 11:35	249.7405681	Other	NA	Electronic	2,840.30	2,841.20
US500Cash	10-08-18	13:30-13:32	2,835.80	4987.775921								
US500Cash	10-08-18	15:32-17:30			2,840.30	10-08-18 15:32	249.7757453	Other	NA	Electronic	2,840.30	2,841.00
US500Cash	13-08-18	09:32-11:30			2,830.90	13-08-18 09:36	248.9578753	Other	NA	Electronic	2,830.00	2,830.90
US500Cash	13-08-18	11:32-13:30			2,828.60	13-08-18 11:34	2487.556064	Other	NA	Electronic	2,827.70	2,828.60
US500Cash	13-08-18	13:32-15:30			2,837.00	13-08-18 13:33	2494.943277	Other	NA	Electronic	2,836.30	2,837.00



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	13-08-18	15:30-15:32	2,831.70	9968.516401								
US500Cash	14-08-18	09:32-11:30			2,834.30	14-08-18 09:35	49712.42635	Other	NA	Electronic	2,834.30	2,835.20
US500Cash	14-08-18	11:32-13:30			2,834.40	14-08-18 11:36	9970.627034	Other	NA	Electronic	2,833.50	2,834.40
US500Cash	14-08-18	13:30-13:32	2,830.90	3487.644007								
US500Cash	14-08-18	15:32-17:30			2,836.20	14-08-18 15:32	12471.19866	Other	NA	Electronic	2,836.20	2,836.90
US500Cash	15-08-18	09:32-11:30			2,835.70	15-08-18 09:34	2497.053909	Other	NA	Electronic	2,834.80	2,835.70
US500Cash	15-08-18	11:30-11:32	2,823.75	27348.51816								
US500Cash	15-08-18	13:30-13:32	2,823.30	19869.1408								
US500Cash	15-08-18	15:30-15:32	2,812.10	996.7988743								
US500Cash	16-08-18	09:32-11:30			2,831.40	16-08-18 09:37	2490.018468	Other	NA	Electronic	2,830.50	2,831.40
US500Cash	16-08-18	11:30-11:32	2,833.77	5235.027702								
US500Cash	16-08-18	13:32-15:30			2,836.30	16-08-18 13:32	249.4327676	Other	NA	Electronic	2,835.60	2,836.30
US500Cash	16-08-18	15:32-17:30			2,844.20	16-08-18 15:33	250.1275174	Other	NA	Electronic	2,844.20	2,844.90
US500Cash	17-08-18	09:32-11:30			2,840.50	17-08-18 09:33	249.8021282	Other	NA	Electronic	2,839.60	2,840.50
US500Cash	17-08-18	11:30-11:32	2,839.53	7716.348606								

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US500Cash	17-08-18	13:32-15:30			2,841.20	17-08-18 13:38	250.1626946	Other	NA	Electronic	2,840.50	2,841.20
US500Cash	17-08-18	15:30-15:32	2,841.70	9996.306393								
US500Cash	20-08-18	09:32-11:30			2,855.70	20-08-18 10:18	1256.397854	Other	NA	Electronic	2,854.80	2,855.70
US500Cash	20-08-18	11:30-11:32	2,856.20	1507.677425								
US500Cash	20-08-18	13:30-13:32	2,855.70	1757.972034								
US500Cash	20-08-18	15:32-17:30			2,855.30	20-08-18 15:39	2511.036848	Other	NA	Electronic	2,854.60	2,855.30
US500Cash	21-08-18	09:32-11:30			2,862.40	21-08-18 09:37	251.7280802	Other	NA	Electronic	2,861.50	2,862.40
US500Cash	21-08-18	11:32-13:30			2,862.90	21-08-18 11:33	2517.720517	Other	NA	Electronic	2,862.00	2,862.90
US500Cash	21-08-18	13:30-13:32	2,861.80	251.6753144								
US500Cash	21-08-18	15:30-15:32	2,864.60	250.1890775								
US500Cash	22-08-18	09:32-11:30			2,854.00	22-08-18 09:46	753.8123296	Other	NA	Electronic	2,854.00	2,854.90
US500Cash	22-08-18	11:30-11:32	2,857.00	2512.531879								
US500Cash	22-08-18	13:30-13:32	2,858.50	29658.41175								
US500Cash	22-08-18	15:32-17:30			2,866.30	22-08-18 15:40	2520.71058	Other	NA	Electronic	2,866.30	2,867.00
US500Cash	23-08-18	09:32-11:30			2,860.10	23-08-18 09:41	2515.258113	Other	NA	Electronic	2,860.10	2,861.00

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	23-08-18	11:32-13:30			2,861.00	23-08-18 11:50	62901.24	Other	NA	Electronic	2,860.10	2,861.00
US500Cash	23-08-18	13:30-13:32	2,859.30	10057.8665								
US500Cash	23-08-18	15:32-17:30			2,854.40	23-08-18 15:37	502.0490722	Other	NA	Electronic	2,854.40	2,855.10
US500Cash	24-08-18	09:30-09:32	2,861.60	2518.512004								
US500Cash	24-08-18	11:30-11:32	2,863.10	2517.896403								
US500Cash	24-08-18	13:30-13:32	2,864.33	10579.89623								
US500Cash	24-08-18	15:30-15:32	2,871.80	252.5547445								
US500Cash	27-08-18	09:32-11:30			2,883.00	27-08-18 09:44	253.5397063	Other	NA	Electronic	2,882.10	2,883.00
US500Cash	27-08-18	11:32-13:30			2,884.30	27-08-18 11:59	12656.75842	Other	NA	Electronic	2,883.40	2,884.30
US500Cash	27-08-18	13:30-13:32	2,888.70	25887.99578								
US500Cash	27-08-18	15:32-17:30			2,893.90	27-08-18 15:39	5089.965702	Other	NA	Electronic	2,893.20	2,893.90
US500Cash	28-08-18	09:32-11:30			2,898.20	28-08-18 10:04	2548.764401	Other	NA	Electronic	2,898.20	2,899.10
US500Cash	28-08-18	11:32-13:30			2,899.40	28-08-18 11:48	2549.819717	Other	NA	Electronic	2,899.40	2,900.30
US500Cash	28-08-18	13:30-13:32	2,900.30	30607.33445								
US500Cash	28-08-18	15:32-17:30			2,895.10	28-08-18 15:36	2546.038167	Other	NA	Electronic	2,895.10	2,895.80

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US500Cash	29-08-18	09:32-11:30			2,898.00	29-08-18 09:43	2548.588515	Other	NA	Electronic	2,898.00	2,898.90
US500Cash	29-08-18	11:32-13:30			2,900.90	29-08-18 11:51	2551.138862	Other	NA	Electronic	2,900.00	2,900.90
US500Cash	29-08-18	13:30-13:32	2,900.30	2551.314748								
US500Cash	29-08-18	15:30-15:32	2,914.88	206595.2863								
US500Cash	30-08-18	09:32-11:30			2,908.40	30-08-18 09:32	2558.438132	Other	NA	Electronic	2,907.50	2,908.40
US500Cash	30-08-18	11:30-11:32	2,910.10	2559.229619								
US500Cash	30-08-18	13:32-15:30			2,908.80	30-08-18 13:37	255.6679272	Other	NA	Electronic	2,907.80	2,908.50
US500Cash	30-08-18	15:30-15:32	2,905.30	15342.80186								
US500Cash	31-08-18	09:30-09:32	2,900.30	255.0611204								
US500Cash	31-08-18	11:30-11:32	2,895.30	254.6214053								
US500Cash	31-08-18	13:30-13:32	2,898.10	2546.829654								
US500Cash	31-08-18	15:30-15:32	2,899.60	2549.995603								
US500Cash	03-09-18	09:32-11:30			2,909.40	03-09-18 09:42	2558.614018	Other	NA	Electronic	2,908.50	2,909.40
US500Cash	03-09-18	11:32-13:30			2,909.60	03-09-18 12:03	2559.317562	Other	NA	Electronic	2,908.70	2,909.60
US500Cash	03-09-18	13:32-15:30			2,908.50	03-09-18 13:50	763.5476211	Other	NA	Electronic	2,907.80	2,908.50

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	03-09-18	15:32-17:30			2,909.50	03-09-18 15:32	1535.221177	Other	NA	Electronic	2,908.80	2,909.50
US500Cash	04-09-18	09:32-11:30			2,902.00	04-09-18 09:32	41088.91039	Other	NA	Electronic	2,902.00	2,902.90
US500Cash	04-09-18	11:30-11:32	2,894.15	2814.519391								
US500Cash	04-09-18	13:32-15:30			2,895.10	04-09-18 13:32	2546.038167	Other	NA	Electronic	2,895.10	2,895.80
US500Cash	04-09-18	15:32-17:30			2,895.30	04-09-18 15:32	2546.741711	Other	NA	Electronic	2,894.60	2,895.30
US500Cash	05-09-18	09:32-11:30			2,885.50	05-09-18 09:39	2537.595638	Other	NA	Electronic	2,885.50	2,886.40
US500Cash	05-09-18	11:32-13:30			2,891.20	05-09-18 11:38	2542.60839	Other	NA	Electronic	2,891.20	2,892.10
US500Cash	05-09-18	13:32-15:30			2,889.60	05-09-18 13:32	761.7008179	Other	NA	Electronic	2,889.60	2,890.30
US500Cash	05-09-18	15:30-15:32	2,879.70	15200.7739								
US500Cash	06-09-18	09:32-11:30			2,889.50	06-09-18 09:44	2534.869405	Other	NA	Electronic	2,889.50	2,890.40
US500Cash	06-09-18	11:30-11:32	2,887.40	253.4957348								
US500Cash	06-09-18	13:32-15:30			2,887.30	06-09-18 13:32	2539.178612	Other	NA	Electronic	2,887.30	2,888.00
US500Cash	06-09-18	15:30-15:32	2,872.38	8330.023745								
US500Cash	07-09-18	09:32-11:30			2,874.90	07-09-18 09:34	2529.241052	Other	NA	Electronic	2,874.00	2,874.90
US500Cash	07-09-18	11:32-13:30			2,874.00	07-09-18 11:36	2527.482192	Other	NA	Electronic	2,874.00	2,874.90

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US500Cash	07-09-18	13:30-13:32	2,867.10	17681.29452								
US500Cash	07-09-18	15:32-17:30			2,882.00	07-09-18 15:34	253.4517633	Other	NA	Electronic	2,881.30	2,882.00
US500Cash	10-09-18	09:32-11:30			2,883.20	10-09-18 09:34	1267.786474	Other	NA	Electronic	2,883.20	2,884.10
US500Cash	10-09-18	11:32-13:30			2,885.10	10-09-18 11:32	2537.243866	Other	NA	Electronic	2,884.20	2,885.10
US500Cash	10-09-18	13:32-15:30			2,881.80	10-09-18 13:32	2534.341747	Other	NA	Electronic	2,882.10	2,882.80
US500Cash	10-09-18	15:30-15:32	2,882.30	2534.781462								
US500Cash	11-09-18	09:30-09:32	2,873.30	2528.977223								
US500Cash	11-09-18	11:30-11:32	2,871.00	25343.15364								
US500Cash	11-09-18	13:30-13:32	2,868.00	2522.205611								
US500Cash	11-09-18	15:30-15:32	2,884.00	2530.824026								
US500Cash	12-09-18	09:32-11:30			2,889.90	12-09-18 09:34	2541.465131	Other	NA	Electronic	2,889.90	2,890.80
US500Cash	12-09-18	11:30-11:32	2,888.50	6349.511916								
US500Cash	12-09-18	13:30-13:32	2,886.80	507.7477794								
US500Cash	12-09-18	15:30-15:32	2,893.68	20359.42309								
US500Cash	13-09-18	09:32-11:30			2,890.00	13-09-18 09:32	254.1553074	Other	NA	Electronic	2,889.10	2,890.00

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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US500Cash	13-09-18	11:30-11:32	2,894.00	2544.103421								
US500Cash	13-09-18	13:30-13:32	2,899.93	139276.915								
US500Cash	13-09-18	15:30-15:32	2,898.10	2548.676458								
US500Cash	14-09-18	09:32-11:30			2,908.10	14-09-18 09:51	255.4656583	Other	NA	Electronic	2,908.10	2,909.00
US500Cash	14-09-18	11:32-13:30			2,908.60	14-09-18 11:47	2551.138862	Other	NA	Electronic	2,908.60	2,909.50
US500Cash	14-09-18	13:30-13:32	2,906.30	2555.887785								
US500Cash	14-09-18	15:32-17:30			2,907.40	14-09-18 15:51	2556.855158	Other	NA	Electronic	2,907.40	2,908.10
US500Cash	17-09-18	09:32-11:30			2,901.30	17-09-18 09:49	2552.633893	Other	NA	Electronic	2,900.40	2,901.30
US500Cash	17-09-18	11:32-13:30			2,901.60	17-09-18 11:36	7655.263389	Other	NA	Electronic	2,901.60	2,902.50
US500Cash	17-09-18	13:32-15:30			2,900.70	17-09-18 13:39	12749.97801	Other	NA	Electronic	2,900.00	2,900.70
US500Cash	17-09-18	15:32-17:30			2,897.50	17-09-18 15:37	2548.1488	Other	NA	Electronic	2,896.80	2,897.50
US500Cash	18-09-18	09:30-09:32	2,894.60	2546.389939								
US500Cash	18-09-18	11:30-11:32	2,894.00	10177.51297								
US500Cash	18-09-18	13:32-15:30			2,895.10	18-09-18 13:32	254.1201302	Other	NA	Electronic	2,894.40	2,895.10
US500Cash	18-09-18	15:30-15:32	2,906.30	2805.179843								

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US500Cash	19-09-18	09:32-11:30			2,903.60	19-09-18 09:34	2553.513323	Other	NA	Electronic	2,903.60	2,904.50
US500Cash	19-09-18	11:32-13:30			2,902.50	19-09-18 11:36	2552.633893	Other	NA	Electronic	2,901.60	2,902.50
US500Cash	19-09-18	13:30-13:32	2,906.20	2809.928766								
US500Cash	19-09-18	15:32-17:30			2,909.70	19-09-18 15:33	2558.877847	Other	NA	Electronic	2,909.00	2,909.70
US500Cash	20-09-18	09:30-09:32	2,909.80	255.896579								
US500Cash	20-09-18	11:30-11:32	2,915.50	12720.5171								
US500Cash	20-09-18	13:30-13:32	2,922.40	65428.95963								
US500Cash	20-09-18	15:30-15:32	2,928.05	13131.50119								
US500Cash	21-09-18	09:32-11:30			2,935.70	21-09-18 09:42	2581.743031	Other	NA	Electronic	2,935.70	2,936.60
US500Cash	21-09-18	11:32-13:30			2,933.60	21-09-18 11:37	2579.896227	Other	NA	Electronic	2,932.70	2,933.60
US500Cash	21-09-18	13:30-13:32	2,937.90	5170.609445								
US500Cash	21-09-18	15:32-17:30			2,935.00	21-09-18 15:35	2581.127429	Other	NA	Electronic	2,935.00	2,935.70
US500Cash	24-09-18	09:32-11:30			2,922.10	24-09-18 09:44	513.9565562	Other	NA	Electronic	2,921.20	2,922.10
US500Cash	24-09-18	11:32-13:30			2,923.80	24-09-18 11:48	257.1277812	Other	NA	Electronic	2,922.90	2,923.80
US500Cash	24-09-18	13:30-13:32	2,919.55	6676.52801								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	24-09-18	15:32-17:30			2,917.80	24-09-18 15:32	2566.001231	Other	NA	Electronic	2,917.80	2,918.50
US500Cash	25-09-18	09:30-09:32	2,923.20	1028.264884								
US500Cash	25-09-18	11:32-13:30			2,926.60	25-09-18 12:20	2573.828159	Other	NA	Electronic	2,925.70	2,926.60
US500Cash	25-09-18	13:30-13:32	2,921.00	256.8815408								
US500Cash	25-09-18	15:30-15:32	2,922.33	50104.019								
US500Cash	26-09-18	09:30-09:32	2,921.80	513.9565562								
US500Cash	26-09-18	11:32-13:30			2,921.10	26-09-18 11:37	2061.032451	Other	NA	Electronic	2,921.10	2,922.00
US500Cash	26-09-18	13:30-13:32	2,918.90	5124.263477								
US500Cash	26-09-18	15:32-17:30			2,923.50	26-09-18 15:33	2571.013983	Other	NA	Electronic	2,922.80	2,923.50
US500Cash	27-09-18	09:32-11:30			2,906.40	27-09-18 09:41	255.5975728	Other	NA	Electronic	2,905.50	2,906.40
US500Cash	27-09-18	11:32-13:30			2,910.20	27-09-18 11:33	2559.317562	Other	NA	Electronic	2,909.30	2,910.20
US500Cash	27-09-18	13:32-15:30			2,910.10	27-09-18 13:32	2568.02392	Other	NA	Electronic	2,909.40	2,910.10
US500Cash	27-09-18	15:32-17:30			2,922.90	27-09-18 15:43	51409.7265	Other	NA	Electronic	2,922.20	2,922.90
US500Cash	28-09-18	09:32-11:30			2,913.90	28-09-18 09:36	256.2571454	Other	NA	Electronic	2,913.00	2,913.90
US500Cash	28-09-18	11:32-13:30			2,907.10	28-09-18 11:38	5123.032275	Other	NA	Electronic	2,906.20	2,907.10

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500Cash	28-09-18	13:30-13:32	2,909.40	5375.340779								
US500Cash	28-09-18	15:30-15:32	2,919.10	2567.14449								
US500-DEC18	20-09-18	11:32-13:30			2,921.50	20-09-18 11:53	12846.27561	Other	NA	Electronic	2,921.50	2,922.70
US500-DEC18	20-09-18	13:32-15:30			2,930.40	20-09-18 13:33	2577.082051	Other	NA	Electronic	2,929.40	2,930.40
US500-DEC18	21-09-18	09:32-11:30			2,941.30	21-09-18 09:40	10346.67136	Other	NA	Electronic	2,941.30	2,942.50
US500-DEC18	21-09-18	11:32-13:30			2,939.70	21-09-18 11:44	2588.866415	Other	NA	Electronic	2,938.50	2,939.70
US500-DEC18	21-09-18	13:32-15:30			2,942.40	21-09-18 14:01	2070.10817	Other	NA	Electronic	2,942.40	2,943.40
US500-DEC18	21-09-18	15:32-17:30			2,941.40	21-09-18 15:39	2573.300501	Other	NA	Electronic	2,940.40	2,941.40
US500-DEC18	24-09-18	09:32-11:30			2,929.20	24-09-18 11:21	5152.053469	Other	NA	Electronic	2,928.00	2,929.20
US500-DEC18	24-09-18	11:32-13:30			2,928.50	24-09-18 12:46	514.5897458	Other	NA	Electronic	2,928.50	2,929.70
US500-DEC18	24-09-18	13:32-15:30			2,922.90	24-09-18 14:25	2570.486325	Other	NA	Electronic	2,922.90	2,923.90
US500-DEC18	24-09-18	15:30-15:32	2,923.60	513.6575499								
US500-DEC18	25-09-18	09:32-11:30			2,929.30	25-09-18 09:32	2574.971419	Other	NA	Electronic	2,929.30	2,930.50
US500-DEC18	25-09-18	11:32-13:30			2,933.20	25-09-18 11:51	2578.313253	Other	NA	Electronic	2,932.00	2,933.20
US500-DEC18	25-09-18	13:32-15:30			2,926.10	25-09-18 13:34	2573.300501	Other	NA	Electronic	2,926.10	2,927.10

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US500-DEC18	25-09-18	15:32-17:30			2,923.90	25-09-18 17:12	257.1365755	Other	NA	Electronic	2,922.90	2,923.90
US500-DEC18	26-09-18	11:32-13:30			2,924.50	26-09-18 12:04	25718.93413	Other	NA	Electronic	2,924.50	2,925.70
US500-DEC18	26-09-18	13:32-15:30			2,923.60	26-09-18 14:25	38761.76238	Other	NA	Electronic	2,922.60	2,923.60
US500-DEC18	26-09-18	15:32-17:30			2,928.60	26-09-18 16:31	2575.499077	Other	NA	Electronic	2,927.60	2,928.60
US500-DEC18	27-09-18	09:32-11:30			2,911.70	27-09-18 09:44	1278.911265	Other	NA	Electronic	2,910.50	2,911.70
US500-DEC18	27-09-18	11:30-11:32	2,914.00	2560.021106								
US500-DEC18	27-09-18	13:32-15:30			2,916.90	27-09-18 13:42	2560.109049	Other	NA	Electronic	2,916.90	2,917.90
US500-DEC18	27-09-18	15:32-17:30			2,930.90	27-09-18 16:07	2577.521766	Other	NA	Electronic	2,929.90	2,930.90
US500-DEC18	28-09-18	09:32-11:30			2,916.00	28-09-18 10:16	2564.418257	Other	NA	Electronic	2,914.80	2,916.00
US500-DEC18	28-09-18	11:32-13:30			2,911.50	28-09-18 11:46	513.6751385	Other	NA	Electronic	2,910.30	2,911.50
US500-DEC18	28-09-18	13:30-13:32	2,912.90	1024.149151								
US500-DEC18	28-09-18	15:32-17:30			2,922.10	28-09-18 15:51	257.5323191	Other	NA	Electronic	2,922.10	2,923.10
US500-SEP18	02-07-18	09:30-09:32	2,707.20	2381.320904								
US500-SEP18	02-07-18	11:32-13:30			2,703.80	02-07-18 13:16	2377.803184	Other	NA	Electronic	2,703.80	2,705.00
US500-SEP18	02-07-18	13:30-13:32	2,701.90	33265.85173								

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US500-SEP18	02-07-18	15:32-17:30			2,710.60	02-07-18 15:53	2383.783308	Other	NA	Electronic	2,709.60	2,710.60
US500-SEP18	03-07-18	09:32-11:30			2,735.30	03-07-18 09:48	2405.505233	Other	NA	Electronic	2,735.30	2,736.50
US500-SEP18	03-07-18	11:32-13:30			2,739.00	03-07-18 11:57	11973.0015	Other	NA	Electronic	2,739.00	2,740.20
US500-SEP18	03-07-18	13:30-13:32	2,737.00	12035.00132								
US500-SEP18	03-07-18	15:32-17:30			2,731.60	03-07-18 15:36	240.2251341	Other	NA	Electronic	2,731.60	2,732.60
US500-SEP18	04-07-18	09:32-11:30			2,720.80	04-07-18 09:34	2396.007387	Other	NA	Electronic	2,720.80	2,722.00
US500-SEP18	04-07-18	11:32-13:30			2,720.30	04-07-18 11:33	478.4627561	Other	NA	Electronic	2,720.30	2,721.50
US500-SEP18	04-07-18	13:32-15:30			2,720.10	04-07-18 13:33	239.2137895	Other	NA	Electronic	2,720.10	2,721.10
US500-SEP18	04-07-18	15:32-17:30			2,721.60	04-07-18 15:46	23915.22294	Other	NA	Electronic	2,720.60	2,721.60
US500-SEP18	05-07-18	09:32-11:30			2,727.70	05-07-18 09:37	2398.821564	Other	NA	Electronic	2,726.50	2,727.70
US500-SEP18	05-07-18	11:32-13:30			2,732.70	05-07-18 11:39	2403.218714	Other	NA	Electronic	2,731.50	2,732.70
US500-SEP18	05-07-18	13:32-15:30			2,728.60	05-07-18 13:33	2399.613051	Other	NA	Electronic	2,728.60	2,729.60
US500-SEP18	05-07-18	15:32-17:30			2,727.90	05-07-18 15:37	2398.99745	Other	NA	Electronic	2,726.90	2,727.90
US500-SEP18	06-07-18	09:32-11:30			2,737.50	06-07-18 09:34	16855.15786	Other	NA	Electronic	2,736.30	2,737.50
US500-SEP18	06-07-18	11:30-11:32	2,733.70	43273.7666								

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US500-SEP18	06-07-18	13:30-13:32	2,737.53	7224.958227								
US500-SEP18	06-07-18	15:30-15:32	2,757.90	2424.061208								
US500-SEP18	09-07-18	09:32-11:30			2,774.20	09-07-18 09:36	24371.64717	Other	NA	Electronic	2,773.00	2,774.20
US500-SEP18	09-07-18	11:32-13:30			2,774.20	09-07-18 12:28	24380.44147	Other	NA	Electronic	2,773.00	2,774.20
US500-SEP18	09-07-18	13:32-15:30			2,773.90	09-07-18 13:33	2439.451236	Other	NA	Electronic	2,773.90	2,774.90
US500-SEP18	09-07-18	15:30-15:32	2,778.90	4876.000352								
US500-SEP18	10-07-18	09:32-11:30			2,791.30	10-07-18 09:48	2453.082403	Other	NA	Electronic	2,791.30	2,792.50
US500-SEP18	10-07-18	11:32-13:30			2,792.20	10-07-18 12:16	2455.544807	Other	NA	Electronic	2,791.00	2,792.20
US500-SEP18	10-07-18	13:30-13:32	2,792.40	2455.105092								
US500-SEP18	10-07-18	15:30-15:32	2,792.10	27010.0255								
US500-SEP18	11-07-18	09:32-11:30			2,774.70	11-07-18 09:47	12184.50444	Other	NA	Electronic	2,773.50	2,774.70
US500-SEP18	11-07-18	11:32-13:30			2,777.70	11-07-18 11:56	2442.881013	Other	NA	Electronic	2,776.50	2,777.70
US500-SEP18	11-07-18	13:32-15:30			2,781.10	11-07-18 13:44	2442.79307	Other	NA	Electronic	2,781.10	2,782.10
US500-SEP18	11-07-18	15:30-15:32	2,777.70	7328.37921								
US500-SEP18	12-07-18	09:32-11:30			2,785.50	12-07-18 09:48	2446.222848	Other	NA	Electronic	2,785.50	2,786.70

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US500-SEP18	12-07-18	11:32-13:30			2,790.00	12-07-18 12:44	245.3610061	Other	NA	Electronic	2,788.80	2,790.00
US500-SEP18	12-07-18	13:32-15:30			2,788.90	12-07-18 13:33	2452.642688	Other	NA	Electronic	2,787.90	2,788.90
US500-SEP18	12-07-18	15:32-17:30			2,792.90	12-07-18 15:33	2456.160408	Other	NA	Electronic	2,791.90	2,792.90
US500-SEP18	13-07-18	09:30-09:32	2,797.65	22145.19391								
US500-SEP18	13-07-18	11:32-13:30			2,799.20	13-07-18 11:45	2461.700818	Other	NA	Electronic	2,798.00	2,799.20
US500-SEP18	13-07-18	13:30-13:32	2,798.42	31991.99719								
US500-SEP18	13-07-18	15:32-17:30			2,804.40	13-07-18 15:36	12331.36927	Other	NA	Electronic	2,804.40	2,805.40
US500-SEP18	16-07-18	09:32-11:30			2,805.20	16-07-18 09:51	2466.977399	Other	NA	Electronic	2,804.00	2,805.20
US500-SEP18	16-07-18	11:30-11:32	2,801.70	2463.899393								
US500-SEP18	16-07-18	13:32-15:30			2,800.90	16-07-18 13:41	2463.195849	Other	NA	Electronic	2,800.90	2,801.90
US500-SEP18	16-07-18	15:32-17:30			2,797.90	16-07-18 15:36	4921.115117	Other	NA	Electronic	2,797.90	2,798.90
US500-SEP18	17-07-18	09:32-11:30			2,796.20	17-07-18 09:57	2459.678129	Other	NA	Electronic	2,795.00	2,796.20
US500-SEP18	17-07-18	11:32-13:30			2,793.30	17-07-18 11:40	4913.02436	Other	NA	Electronic	2,793.30	2,794.50
US500-SEP18	17-07-18	13:32-15:30			2,793.10	17-07-18 13:33	12281.68147	Other	NA	Electronic	2,793.10	2,794.10
US500-SEP18	17-07-18	15:32-17:30			2,804.40	17-07-18 15:34	27129.0124	Other	NA	Electronic	2,804.40	2,805.40

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US500-SEP18	18-07-18	11:32-13:30			2,810.20	18-07-18 12:03	247.1550435	Other	NA	Electronic	2,809.00	2,810.20
US500-SEP18	18-07-18	13:32-15:30			2,811.40	18-07-18 13:40	51945.03562	Other	NA	Electronic	2,811.40	2,812.40
US500-SEP18	18-07-18	15:32-17:30			2,815.40	18-07-18 15:33	3713.921379	Other	NA	Electronic	2,814.40	2,815.40
US500-SEP18	19-07-18	09:30-09:32	2,812.50	9812.681382								
US500-SEP18	19-07-18	11:32-13:30			2,808.00	19-07-18 12:31	7368.745053	Other	NA	Electronic	2,806.80	2,808.00
US500-SEP18	19-07-18	13:30-13:32	2,809.90	12355.5536								
US500-SEP18	19-07-18	15:32-17:30			2,809.60	19-07-18 15:36	246.5834139	Other	NA	Electronic	2,808.60	2,809.60
US500-SEP18	20-07-18	09:32-11:30			2,805.90	20-07-18 09:57	4935.185999	Other	NA	Electronic	2,804.70	2,805.90
US500-SEP18	20-07-18	11:32-13:30			2,802.20	20-07-18 11:45	12352.03588	Other	NA	Electronic	2,801.00	2,802.20
US500-SEP18	20-07-18	13:32-15:30			2,804.90	20-07-18 13:41	2466.71357	Other	NA	Electronic	2,803.90	2,804.90
US500-SEP18	20-07-18	15:30-15:32	2,810.10	1232.697212								
US500-SEP18	23-07-18	09:32-11:30			2,799.50	23-07-18 09:40	2461.964647	Other	NA	Electronic	2,799.50	2,800.70
US500-SEP18	23-07-18	11:32-13:30			2,799.20	23-07-18 11:45	2462.492305	Other	NA	Electronic	2,798.00	2,799.20
US500-SEP18	23-07-18	13:32-15:30			2,799.60	23-07-18 13:35	2462.668191	Other	NA	Electronic	2,798.60	2,799.60
US500-SEP18	23-07-18	15:32-17:30			2,804.60	23-07-18 15:36	2466.449741	Other	NA	Electronic	2,803.60	2,804.60

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US500-SEP18	24-07-18	09:32-11:30			2,816.80	24-07-18 09:34	2477.178788	Other	NA	Electronic	2,816.80	2,818.00
US500-SEP18	24-07-18	11:32-13:30			2,817.50	24-07-18 11:40	247.7794389	Other	NA	Electronic	2,817.50	2,818.70
US500-SEP18	24-07-18	13:30-13:32	2,823.90	2483.07097								
US500-SEP18	24-07-18	15:32-17:30			2,824.10	24-07-18 15:41	2481.224167	Other	NA	Electronic	2,823.10	2,824.10
US500-SEP18	25-07-18	09:32-11:30			2,819.50	25-07-18 09:44	495.9106499	Other	NA	Electronic	2,818.30	2,819.50
US500-SEP18	25-07-18	11:30-11:32	2,816.50	4953.30226								
US500-SEP18	25-07-18	13:32-15:30			2,820.40	25-07-18 13:34	2480.344737	Other	NA	Electronic	2,820.40	2,821.40
US500-SEP18	25-07-18	15:32-17:30			2,823.10	25-07-18 15:37	2730.507431	Other	NA	Electronic	2,823.10	2,824.10
US500-SEP18	26-07-18	09:32-11:30			2,836.30	26-07-18 10:10	250.057163	Other	NA	Electronic	2,836.30	2,837.50
US500-SEP18	26-07-18	11:32-13:30			2,839.20	26-07-18 12:18	2496.878023	Other	NA	Electronic	2,838.00	2,839.20
US500-SEP18	26-07-18	13:30-13:32	2,839.40	2497.053909								
US500-SEP18	26-07-18	15:32-17:30			2,842.40	26-07-18 15:36	4999.384399	Other	NA	Electronic	2,841.40	2,842.40
US500-SEP18	27-07-18	09:32-11:30			2,845.00	27-07-18 10:02	750.5936153	Other	NA	Electronic	2,843.80	2,845.00
US500-SEP18	27-07-18	11:32-13:30			2,844.20	27-07-18 11:35	2501.275174	Other	NA	Electronic	2,843.00	2,844.20
US500-SEP18	27-07-18	13:32-15:30			2,841.90	27-07-18 13:34	2499.252484	Other	NA	Electronic	2,840.90	2,841.90



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US500-SEP18	27-07-18	15:32-17:30			2,828.60	27-07-18 16:00	2473.485182	Other	NA	Electronic	2,827.60	2,828.60
US500-SEP18	30-07-18	09:32-11:30			2,816.00	30-07-18 10:12	990.5900976	Other	NA	Electronic	2,814.80	2,816.00
US500-SEP18	30-07-18	11:32-13:30			2,816.20	30-07-18 11:47	4953.30226	Other	NA	Electronic	2,815.00	2,816.20
US500-SEP18	30-07-18	13:32-15:30			2,819.60	30-07-18 13:33	494.7849793	Other	NA	Electronic	2,819.60	2,820.60
US500-SEP18	30-07-18	15:32-17:30			2,807.90	30-07-18 15:49	990.5900976	Other	NA	Electronic	2,807.90	2,808.90
US500-SEP18	31-07-18	09:32-11:30			2,808.50	31-07-18 10:39	17290.38783	Other	NA	Electronic	2,808.50	2,809.70
US500-SEP18	31-07-18	11:32-13:30			2,808.50	31-07-18 12:49	24698.79518	Other	NA	Electronic	2,808.50	2,809.70
US500-SEP18	31-07-18	13:32-15:30			2,815.10	31-07-18 13:37	2475.683757	Other	NA	Electronic	2,814.10	2,815.10
US500-SEP18	31-07-18	15:32-17:30			2,817.60	31-07-18 15:37	37168.23498	Other	NA	Electronic	2,816.60	2,817.60
US500-SEP18	01-08-18	09:30-09:32	2,813.00	4951.895172								
US500-SEP18	01-08-18	11:30-11:32	2,814.50	742.5468297								
US500-SEP18	01-08-18	13:32-15:30			2,819.60	01-08-18 13:33	2479.641193	Other	NA	Electronic	2,818.60	2,819.60
US500-SEP18	01-08-18	15:32-17:30			2,818.10	01-08-18 15:32	2478.322047	Other	NA	Electronic	2,817.10	2,818.10
US500-SEP18	02-08-18	09:32-11:30			2,794.50	02-08-18 09:33	12342.36215	Other	NA	Electronic	2,793.30	2,794.50
US500-SEP18	02-08-18	11:32-13:30			2,795.70	02-08-18 12:18	2458.622812	Other	NA	Electronic	2,794.50	2,795.70

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US500-SEP18	02-08-18	13:32-15:30			2,796.40	02-08-18 13:33	2459.238414	Other	NA	Electronic	2,796.40	2,797.40
US500-SEP18	02-08-18	15:32-17:30			2,813.40	02-08-18 15:35	2474.188726	Other	NA	Electronic	2,813.40	2,814.40
US500-SEP18	03-08-18	09:32-11:30			2,832.00	03-08-18 11:11	2485.797203	Other	NA	Electronic	2,830.80	2,832.00
US500-SEP18	03-08-18	11:32-13:30			2,832.00	03-08-18 12:00	1741.227684	Other	NA	Electronic	2,832.00	2,833.20
US500-SEP18	03-08-18	13:32-15:30			2,830.60	03-08-18 13:36	248.5797203	Other	NA	Electronic	2,829.60	2,830.60
US500-SEP18	03-08-18	15:32-17:30			2,831.90	03-08-18 16:10	17428.28247	Other	NA	Electronic	2,830.90	2,831.90
US500-SEP18	06-08-18	09:32-11:30			2,840.00	06-08-18 09:56	2497.581567	Other	NA	Electronic	2,838.80	2,840.00
US500-SEP18	06-08-18	11:32-13:30			2,839.80	06-08-18 11:43	2497.581567	Other	NA	Electronic	2,839.80	2,841.00
US500-SEP18	06-08-18	13:32-15:30			2,841.60	06-08-18 13:52	249.8988655	Other	NA	Electronic	2,840.60	2,841.60
US500-SEP18	06-08-18	15:32-17:30			2,849.10	06-08-18 16:10	501.1168763	Other	NA	Electronic	2,848.10	2,849.10
US500-SEP18	07-08-18	09:32-11:30			2,857.50	07-08-18 09:32	150778.2957	Other	NA	Electronic	2,856.30	2,857.50
US500-SEP18	07-08-18	11:32-13:30			2,856.20	07-08-18 12:10	2498.460997	Other	NA	Electronic	2,855.00	2,856.20
US500-SEP18	07-08-18	13:32-15:30			2,858.60	07-08-18 13:36	502.7877935	Other	NA	Electronic	2,857.40	2,858.40
US500-SEP18	07-08-18	15:32-17:30			2,858.40	07-08-18 15:37	27651.3939	Other	NA	Electronic	2,858.40	2,859.40
US500-SEP18	08-08-18	09:32-11:30			2,860.50	08-08-18 09:56	17598.80398	Other	NA	Electronic	2,859.30	2,860.50

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US500-SEP18	08-08-18	11:32-13:30			2,860.30	08-08-18 11:34	502.7877935	Other	NA	Electronic	2,860.30	2,861.50
US500-SEP18	08-08-18	13:30-13:32	2,856.50	10048.36866								
US500-SEP18	08-08-18	15:32-17:30			2,859.60	08-08-18 15:36	22633.36558	Other	NA	Electronic	2,859.60	2,860.60
US500-SEP18	09-08-18	09:32-11:30			2,857.30	09-08-18 09:42	2512.795708	Other	NA	Electronic	2,857.30	2,858.50
US500-SEP18	09-08-18	11:32-13:30			2,857.80	09-08-18 12:39	2513.235423	Other	NA	Electronic	2,857.80	2,859.00
US500-SEP18	09-08-18	13:32-15:30			2,859.90	09-08-18 13:32	17587.72316	Other	NA	Electronic	2,858.90	2,859.90
US500-SEP18	09-08-18	15:32-17:30			2,857.60	09-08-18 16:26	251.3059537	Other	NA	Electronic	2,857.60	2,858.60
US500-SEP18	10-08-18	09:32-11:30			2,837.00	10-08-18 09:55	2515.346056	Other	NA	Electronic	2,837.00	2,838.20
US500-SEP18	10-08-18	11:32-13:30			2,840.50	10-08-18 11:56	2498.021282	Other	NA	Electronic	2,840.50	2,841.70
US500-SEP18	10-08-18	13:30-13:32	2,836.50	2494.503562								
US500-SEP18	10-08-18	15:30-15:32	2,840.60	2498.109225								
US500-SEP18	13-08-18	09:30-09:32	2,830.20	2488.963152								
US500-SEP18	13-08-18	11:32-13:30			2,833.20	13-08-18 11:54	746.2668191	Other	NA	Electronic	2,832.00	2,833.20
US500-SEP18	13-08-18	13:32-15:30			2,839.90	13-08-18 13:51	249.7493624	Other	NA	Electronic	2,838.90	2,839.90
US500-SEP18	13-08-18	15:30-15:32	2,831.60	24901.94354								

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US500-SEP18	14-08-18	09:32-11:30			2,837.50	14-08-18 10:23	2495.382992	Other	NA	Electronic	2,836.30	2,837.50
US500-SEP18	14-08-18	11:32-13:30			2,833.50	14-08-18 11:38	2495.382992	Other	NA	Electronic	2,833.50	2,834.70
US500-SEP18	14-08-18	13:32-15:30			2,830.10	14-08-18 14:11	502.9636795	Other	NA	Electronic	2,830.10	2,831.10
US500-SEP18	14-08-18	15:32-17:30			2,838.40	14-08-18 16:59	2496.174479	Other	NA	Electronic	2,838.40	2,839.40
US500-SEP18	15-08-18	09:32-11:30			2,833.30	15-08-18 10:03	2491.689385	Other	NA	Electronic	2,833.30	2,834.50
US500-SEP18	15-08-18	11:32-13:30			2,822.50	15-08-18 11:37	2483.334799	Other	NA	Electronic	2,821.30	2,822.50
US500-SEP18	15-08-18	13:30-13:32	2,823.80	2483.334799								
US500-SEP18	15-08-18	15:32-17:30			2,810.10	15-08-18 15:52	247.1286606	Other	NA	Electronic	2,810.10	2,811.10
US500-SEP18	16-08-18	09:32-11:30			2,831.00	16-08-18 09:57	2489.666696	Other	NA	Electronic	2,831.00	2,832.20
US500-SEP18	16-08-18	11:30-11:32	2,834.30	2492.568815								
US500-SEP18	16-08-18	13:30-13:32	2,837.05	22331.45722								
US500-SEP18	16-08-18	15:32-17:30			2,846.90	16-08-18 16:02	2503.649635	Other	NA	Electronic	2,846.90	2,847.90
US500-SEP18	17-08-18	09:32-11:30			2,841.70	17-08-18 10:25	12495.38299	Other	NA	Electronic	2,840.50	2,841.70
US500-SEP18	17-08-18	11:32-13:30			2,837.70	17-08-18 12:11	24957.34764	Other	NA	Electronic	2,836.50	2,837.70
US500-SEP18	17-08-18	13:32-15:30			2,842.90	17-08-18 13:39	2500.131915	Other	NA	Electronic	2,842.90	2,843.90

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US500-SEP18	17-08-18	15:30-15:32	2,843.10	739.6183273								
US500-SEP18	20-08-18	09:32-11:30			2,857.50	20-08-18 09:35	503.0692112	Other	NA	Electronic	2,857.50	2,858.70
US500-SEP18	20-08-18	13:32-15:30			2,855.90	20-08-18 13:45	2511.564506	Other	NA	Electronic	2,855.90	2,856.90
US500-SEP18	20-08-18	15:32-17:30			2,857.40	20-08-18 15:45	251.2883651	Other	NA	Electronic	2,856.40	2,857.40
US500-SEP18	21-08-18	09:32-11:30			2,861.80	21-08-18 09:39	2516.753144	Other	NA	Electronic	2,861.80	2,863.00
US500-SEP18	21-08-18	11:30-11:32	2,863.70	2517.80846								
US500-SEP18	21-08-18	13:32-15:30			2,864.60	21-08-18 13:33	2519.215548	Other	NA	Electronic	2,864.60	2,865.60
US500-SEP18	21-08-18	15:32-17:30			2,868.10	21-08-18 15:38	2522.293554	Other	NA	Electronic	2,868.10	2,869.10
US500-SEP18	22-08-18	09:30-09:32	2,854.30	2510.157418								
US500-SEP18	22-08-18	11:32-13:30			2,857.20	22-08-18 11:52	2512.795708	Other	NA	Electronic	2,856.00	2,857.20
US500-SEP18	22-08-18	13:32-15:30			2,860.40	22-08-18 13:32	2512.531879	Other	NA	Electronic	2,860.40	2,861.40
US500-SEP18	22-08-18	15:32-17:30			2,865.60	22-08-18 16:13	2519.039662	Other	NA	Electronic	2,864.60	2,865.60
US500-SEP18	23-08-18	09:32-11:30			2,862.00	23-08-18 10:10	755.1842406	Other	NA	Electronic	2,860.80	2,862.00
US500-SEP18	23-08-18	11:32-13:30			2,862.50	23-08-18 12:16	1258.684373	Other	NA	Electronic	2,861.30	2,862.50
US500-SEP18	23-08-18	13:32-15:30			2,863.60	23-08-18 13:47	25183.36118	Other	NA	Electronic	2,862.60	2,863.60

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US500-SEP18	23-08-18	15:32-17:30			2,857.90	23-08-18 17:08	2513.323366	Other	NA	Electronic	2,857.90	2,858.90
US500-SEP18	24-08-18	09:32-11:30			2,863.50	24-08-18 10:23	1259.124088	Other	NA	Electronic	2,863.50	2,864.70
US500-SEP18	24-08-18	11:32-13:30			2,864.00	24-08-18 11:42	47855.06991	Other	NA	Electronic	2,864.00	2,865.20
US500-SEP18	24-08-18	13:32-15:30			2,865.60	24-08-18 13:41	2520.094978	Other	NA	Electronic	2,865.60	2,866.60
US500-SEP18	24-08-18	15:32-17:30			2,875.00	24-08-18 15:35	251.138862	Other	NA	Electronic	2,875.10	2,876.10
US500-SEP18	27-08-18	09:32-11:30			2,882.50	27-08-18 10:08	2523.436813	Other	NA	Electronic	2,882.50	2,883.70
US500-SEP18	27-08-18	11:32-13:30			2,885.00	27-08-18 12:04	27908.71515	Other	NA	Electronic	2,885.00	2,886.20
US500-SEP18	27-08-18	13:30-13:32	2,889.10	7493.27236								
US500-SEP18	27-08-18	15:32-17:30			2,899.10	27-08-18 15:58	2518.248175	Other	NA	Electronic	2,898.10	2,899.10
US500-SEP18	28-08-18	09:32-11:30			2,900.30	28-08-18 10:14	127530.5602	Other	NA	Electronic	2,900.30	2,901.50
US500-SEP18	28-08-18	11:32-13:30			2,902.70	28-08-18 11:53	2552.721836	Other	NA	Electronic	2,901.50	2,902.70
US500-SEP18	28-08-18	13:32-15:30			2,902.40	28-08-18 13:33	2552.458007	Other	NA	Electronic	2,902.40	2,903.40
US500-SEP18	28-08-18	15:32-17:30			2,896.10	28-08-18 15:35	2535.572949	Other	NA	Electronic	2,896.10	2,897.10
US500-SEP18	29-08-18	09:32-11:30			2,900.20	29-08-18 09:42	43339.46003	Other	NA	Electronic	2,899.00	2,900.20
US500-SEP18	29-08-18	11:32-13:30			2,900.30	29-08-18 11:42	28056.72324	Other	NA	Electronic	2,900.30	2,901.50

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US500-SEP18	29-08-18	13:32-15:30			2,900.60	29-08-18 13:50	28058.65799	Other	NA	Electronic	2,899.60	2,900.60
US500-SEP18	29-08-18	15:32-17:30			2,914.10	29-08-18 15:35	7688.242019	Other	NA	Electronic	2,913.10	2,914.10
US500-SEP18	30-08-18	09:32-11:30			2,910.50	30-08-18 10:41	2558.262246	Other	NA	Electronic	2,910.50	2,911.70
US500-SEP18	30-08-18	13:30-13:32	2,908.55	5115.733005								
US500-SEP18	30-08-18	15:30-15:32	2,905.90	2557.910474								
US500-SEP18	31-08-18	09:32-11:30			2,896.80	31-08-18 11:17	5095.066397	Other	NA	Electronic	2,896.80	2,898.00
US500-SEP18	31-08-18	11:32-13:30			2,896.70	31-08-18 11:57	5095.066397	Other	NA	Electronic	2,895.50	2,896.70
US500-SEP18	31-08-18	13:32-15:30			2,899.90	31-08-18 13:46	2550.259432	Other	NA	Electronic	2,899.90	2,900.90
US500-SEP18	31-08-18	15:32-17:30			2,899.40	31-08-18 15:33	15298.9183	Other	NA	Electronic	2,899.40	2,900.40
US500-SEP18	03-09-18	09:32-11:30			2,912.20	03-09-18 10:32	1277.416234	Other	NA	Electronic	2,911.30	2,912.50
US500-SEP18	03-09-18	13:32-15:30			2,908.60	03-09-18 14:49	1276.141061	Other	NA	Electronic	2,908.60	2,909.60
US500-SEP18	03-09-18	15:32-17:30			2,910.10	03-09-18 16:16	2559.229619	Other	NA	Electronic	2,909.10	2,910.10
US500-SEP18	04-09-18	09:32-11:30			2,903.00	04-09-18 09:57	1276.492833	Other	NA	Electronic	2,901.80	2,903.00
US500-SEP18	04-09-18	11:32-13:30			2,892.80	04-09-18 11:41	15351.68411	Other	NA	Electronic	2,892.80	2,894.00
US500-SEP18	04-09-18	13:32-15:30			2,894.40	04-09-18 13:37	1272.711283	Other	NA	Electronic	2,893.40	2,894.40

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US500-SEP18	04-09-18	15:32-17:30			2,892.90	04-09-18 15:50	764.0752792	Other	NA	Electronic	2,892.90	2,893.90
US500-SEP18	05-09-18	09:32-11:30			2,891.00	05-09-18 11:20	2546.741711	Other	NA	Electronic	2,891.00	2,892.20
US500-SEP18	05-09-18	11:32-13:30			2,892.50	05-09-18 13:15	25437.51649	Other	NA	Electronic	2,891.30	2,892.50
US500-SEP18	05-09-18	13:32-15:30			2,894.60	05-09-18 13:49	2545.598452	Other	NA	Electronic	2,893.60	2,894.60
US500-SEP18	05-09-18	15:32-17:30			2,880.90	05-09-18 15:32	25335.50259	Other	NA	Electronic	2,879.90	2,880.90
US500-SEP18	06-09-18	09:32-11:30			2,891.30	06-09-18 09:39	7611.731598	Other	NA	Electronic	2,891.30	2,892.50
US500-SEP18	06-09-18	11:32-13:30			2,888.30	06-09-18 11:39	2539.794213	Other	NA	Electronic	2,888.30	2,889.50
US500-SEP18	06-09-18	13:30-13:32	2,888.60	27943.54059								
US500-SEP18	06-09-18	15:30-15:32	2,873.90	758.2182746								
US500-SEP18	07-09-18	11:32-13:30			2,873.30	07-09-18 12:24	2526.86659	Other	NA	Electronic	2,873.30	2,874.50
US500-SEP18	07-09-18	13:30-13:32	2,867.90	2522.117668								
US500-SEP18	07-09-18	15:32-17:30			2,884.60	07-09-18 15:36	253.3726145	Other	NA	Electronic	2,883.60	2,884.60
US500-SEP18	10-09-18	09:32-11:30			2,887.20	10-09-18 10:57	76172.72008	Other	NA	Electronic	2,886.00	2,887.20
US500-SEP18	10-09-18	13:32-15:30			2,882.90	10-09-18 13:32	27888.40032	Other	NA	Electronic	2,882.90	2,883.90
US500-SEP18	10-09-18	15:32-17:30			2,878.60	10-09-18 16:31	1518.916542	Other	NA	Electronic	2,877.60	2,878.60



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US500-SEP18	11-09-18	09:32-11:30			2,873.50	11-09-18 09:45	25270.42476	Other	NA	Electronic	2,872.30	2,873.50
US500-SEP18	11-09-18	11:32-13:30			2,870.00	11-09-18 11:33	1268.577961	Other	NA	Electronic	2,870.00	2,871.20
US500-SEP18	11-09-18	13:32-15:30			2,869.90	11-09-18 13:32	252.8185736	Other	NA	Electronic	2,868.90	2,869.90
US500-SEP18	11-09-18	15:32-17:30			2,884.60	11-09-18 15:35	7610.412453	Other	NA	Electronic	2,883.60	2,884.60
US500-SEP18	12-09-18	11:32-13:30			2,888.70	12-09-18 11:39	1270.204907	Other	NA	Electronic	2,887.50	2,888.70
US500-SEP18	12-09-18	13:32-15:30			2,888.10	12-09-18 13:33	253.9882156	Other	NA	Electronic	2,888.40	2,889.40
US500-SEP18	12-09-18	15:32-17:30			2,893.90	12-09-18 15:32	5083.282033	Other	NA	Electronic	2,893.90	2,894.90
US500-SEP18	13-09-18	09:32-11:30			2,890.20	13-09-18 09:36	1270.86448	Other	NA	Electronic	2,889.00	2,890.20
US500-SEP18	13-09-18	11:32-13:30			2,895.70	13-09-18 11:39	254.6565825	Other	NA	Electronic	2,894.50	2,895.70
US500-SEP18	13-09-18	13:32-15:30			2,901.10	13-09-18 13:32	12732.82913	Other	NA	Electronic	2,901.10	2,902.10
US500-SEP18	13-09-18	15:32-17:30			2,902.10	13-09-18 15:49	7644.710228	Other	NA	Electronic	2,901.10	2,902.10
US500-SEP18	14-09-18	09:32-11:30			2,909.30	14-09-18 09:44	28143.78683	Other	NA	Electronic	2,909.30	2,910.50
US500-SEP18	14-09-18	11:32-13:30			2,910.00	14-09-18 11:33	28150.55844	Other	NA	Electronic	2,910.00	2,911.20
US500-SEP18	14-09-18	13:30-13:32	2,907.10	28143.78683								
US500-SEP18	14-09-18	15:32-17:30			2,902.10	14-09-18 16:00	1265.719814	Other	NA	Electronic	2,902.10	2,903.10

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US500-SEP18	17-09-18	09:30-09:32	2,902.70	2552.721836								
US500-SEP18	17-09-18	13:30-13:32	2,904.20	510.8081963								
US500-SEP18	17-09-18	15:32-17:30			2,897.10	17-09-18 16:15	1273.898514	Other	NA	Electronic	2,897.10	2,898.10
US500-SEP18	18-09-18	09:32-11:30			2,895.40	18-09-18 10:44	509.2603993	Other	NA	Electronic	2,895.40	2,896.60
US500-SEP18	18-09-18	11:32-13:30			2,895.50	18-09-18 12:05	25463.89939	Other	NA	Electronic	2,895.50	2,896.70
US500-SEP18	18-09-18	13:30-13:32	2,895.60	1782.534518								
US500-SEP18	18-09-18	15:32-17:30			2,906.40	18-09-18 15:32	33227.68446	Other	NA	Electronic	2,906.40	2,907.40
US500-SEP18	19-09-18	09:32-11:30			2,904.00	19-09-18 09:45	2553.865095	Other	NA	Electronic	2,904.00	2,905.20
US500-SEP18	19-09-18	11:32-13:30			2,903.20	19-09-18 12:03	28093.48342	Other	NA	Electronic	2,902.00	2,903.20
US500-SEP18	19-09-18	13:32-15:30			2,910.40	19-09-18 13:33	1276.492833	Other	NA	Electronic	2,910.40	2,911.40
US500-SEP18	19-09-18	15:32-17:30			2,909.40	19-09-18 15:32	766.9773986	Other	NA	Electronic	2,909.40	2,910.40
US500-SEP18	20-09-18	09:32-11:30			2,912.20	20-09-18 10:20	2481.224167	Other	NA	Electronic	2,911.00	2,912.20
US500-SEP18	20-09-18	11:32-13:30			2,917.70	20-09-18 11:53	2527.570135	Other	NA	Electronic	2,916.50	2,917.70
US500-SEP18	20-09-18	13:32-15:30			2,926.90	20-09-18 14:20	17916.45414	Other	NA	Electronic	2,925.90	2,926.90
US500-SEP18	20-09-18	15:32-17:30			2,929.60	20-09-18 15:32	2551.138862	Other	NA	Electronic	2,928.60	2,929.60

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
US Bancorp	27-09-18	13:32-15:30			53.03	27-09-18 13:41	466.3617976	Other	NA	Electronic	52.96	53.03
USDCAD	02-07-18	09:30-09:32	1.31656	129276.229								
USDCAD	02-07-18	11:30-11:32	1.31769	92340.16357								
USDCAD	02-07-18	13:30-13:32	1.31966	136311.67								
USDCAD	02-07-18	15:30-15:32	1.32156	20226.89297								
USDCAD	03-07-18	09:30-09:32	1.31578	23744.61349								
USDCAD	03-07-18	11:30-11:32	1.31517	7914.871163								
USDCAD	03-07-18	13:30-13:32	1.31513	61560.10905								
USDCAD	03-07-18	15:30-15:32	1.31607	8794.301293								
USDCAD	04-07-18	09:30-09:32	1.31524	1758.860259								
USDCAD	04-07-18	11:30-11:32	1.31463	42212.64621								
USDCAD	04-07-18	13:30-13:32	1.31392	879.4301293								
USDCAD	04-07-18	15:30-15:32	1.31495	879.4301293								
USDCAD	05-07-18	09:30-09:32	1.31464	8794.301293								
USDCAD	05-07-18	11:30-11:32	1.31368	15829.74233								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	05-07-18	13:30-13:32	1.31348	44850.93659								
USDCAD	05-07-18	15:30-15:32	1.31284	879.4301293								
USDCAD	06-07-18	09:30-09:32	1.31349	3517.720517								
USDCAD	06-07-18	11:30-11:32	1.31349	30780.05452								
USDCAD	06-07-18	13:30-13:32	1.31251	58921.81866								
USDCAD	06-07-18	15:30-15:32	1.30823	249758.1567								
USDCAD	09-07-18	09:30-09:32	1.30782	43092.07633								
USDCAD	09-07-18	11:32-13:30			1.3078	09-07-18 11:32	879.4301293	Other	NA	Electronic	1.3078	1.30801
USDCAD	09-07-18	13:30-13:32	1.30736	4397.150646								
USDCAD	09-07-18	15:30-15:32	1.31033	43092.07633								
USDCAD	10-07-18	09:30-09:32	1.31361	28141.76414								
USDCAD	10-07-18	11:30-11:32	1.31347	4397.150646								
USDCAD	10-07-18	13:30-13:32	1.31358	131914.5194								
USDCAD	10-07-18	15:30-15:32	1.31156	571629.584								
USDCAD	11-07-18	09:30-09:32	1.3167	47489.22698								

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USDCAD	11-07-18	11:30-11:32	1.31521	18468.03271								
USDCAD	11-07-18	13:30-13:32	1.31346	263829.0388								
USDCAD	11-07-18	15:30-15:32	1.31438	38694.92569								
USDCAD	12-07-18	09:30-09:32	1.31958	879.4301293								
USDCAD	12-07-18	11:30-11:32	1.31942	879.4301293								
USDCAD	12-07-18	13:30-13:32	1.31669	127517.3687								
USDCAD	12-07-18	15:30-15:32	1.31661	40453.78595								
USDCAD	13-07-18	09:30-09:32	1.31906	77389.85138								
USDCAD	13-07-18	11:30-11:32	1.32035	90581.30332								
USDCAD	13-07-18	13:30-13:32	1.31872	1758.860259								
USDCAD	13-07-18	15:30-15:32	1.31662	40453.78595								
USDCAD	16-07-18	09:30-09:32	1.31382	28141.76414								
USDCAD	16-07-18	11:32-13:30			1.31404	16-07-18 11:32	879.4301293	Other	NA	Electronic	1.31404	1.31426
USDCAD	16-07-18	13:30-13:32	1.31389	43092.07633								
USDCAD	16-07-18	15:30-15:32	1.31356	55404.09814								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	17-07-18	09:30-09:32	1.31232	23744.61349								
USDCAD	17-07-18	11:30-11:32	1.31479	26382.90388								
USDCAD	17-07-18	13:30-13:32	1.31745	7035.441034								
USDCAD	17-07-18	15:30-15:32	1.31878	114325.9168								
USDCAD	18-07-18	09:30-09:32	1.32379	1758.860259								
USDCAD	18-07-18	11:30-11:32	1.32433	2638.290388								
USDCAD	18-07-18	13:30-13:32	1.32405	371998.9447								
USDCAD	18-07-18	15:30-15:32	1.32117	7914.871163								
USDCAD	19-07-18	09:30-09:32	1.32283	98496.17448								
USDCAD	19-07-18	11:30-11:32	1.32361	6156.010905								
USDCAD	19-07-18	13:30-13:32	1.32465	192595.1983								
USDCAD	19-07-18	15:30-15:32	1.32739	184680.3271								
USDCAD	20-07-18	09:30-09:32	1.3244	55404.09814								
USDCAD	20-07-18	11:30-11:32	1.32386	247119.8663								
USDCAD	20-07-18	13:30-13:32	1.31253	87943.01293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	20-07-18	15:30-15:32	1.31378	116084.7771								
USDCAD	23-07-18	09:30-09:32	1.31492	5276.580776								
USDCAD	23-07-18	11:32-13:30			1.31428	23-07-18 11:35	8794.301293	Other	NA	Electronic	1.31409	1.31428
USDCAD	23-07-18	13:30-13:32	1.31461	55404.09814								
USDCAD	23-07-18	15:30-15:32	1.31579	879.4301293								
USDCAD	24-07-18	09:30-09:32	1.31728	5276.580776								
USDCAD	24-07-18	11:30-11:32	1.31551	72113.2706								
USDCAD	24-07-18	13:30-13:32	1.31658	21985.75323								
USDCAD	24-07-18	15:30-15:32	1.31601	879.4301293								
USDCAD	25-07-18	09:30-09:32	1.31318	1758.860259								
USDCAD	25-07-18	11:30-11:32	1.31294	10553.16155								
USDCAD	25-07-18	13:30-13:32	1.30923	25503.47375								
USDCAD	25-07-18	15:30-15:32	1.3118	82666.43215								
USDCAD	26-07-18	09:30-09:32	1.30478	1758.860259								
USDCAD	26-07-18	11:30-11:32	1.30446	7914.871163								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	26-07-18	13:30-13:32	1.30627	261190.7484								
USDCAD	26-07-18	15:30-15:32	1.30744	879.4301293								
USDCAD	27-07-18	09:32-11:30			1.30703	27-07-18 09:37	21985.75323	Other	NA	Electronic	1.30703	1.30725
USDCAD	27-07-18	11:32-13:30			1.30647	27-07-18 11:34	1758.860259	Other	NA	Electronic	1.30647	1.30669
USDCAD	27-07-18	13:30-13:32	1.30719	47489.22698								
USDCAD	27-07-18	15:30-15:32	1.30589	5276.580776								
USDCAD	30-07-18	09:32-11:30			1.3064	30-07-18 09:32	2638.290388	Other	NA	Electronic	1.30619	1.3064
USDCAD	30-07-18	11:30-11:32	1.30441	59801.24879								
USDCAD	30-07-18	13:30-13:32	1.30424	5276.580776								
USDCAD	30-07-18	15:30-15:32	1.30088	160056.2835								
USDCAD	31-07-18	09:32-11:30			1.3044	31-07-18 09:35	2638.290388	Other	NA	Electronic	1.30418	1.30441
USDCAD	31-07-18	11:30-11:32	1.30346	17588.60259								
USDCAD	31-07-18	13:30-13:32	1.30365	192595.1983								
USDCAD	31-07-18	15:30-15:32	1.30232	21985.75323								
USDCAD	01-08-18	09:30-09:32	1.30277	31659.48465								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	01-08-18	11:30-11:32	1.30188	7914.871163								
USDCAD	01-08-18	13:30-13:32	1.30098	69474.98021								
USDCAD	01-08-18	15:30-15:32	1.30074	52765.80776								
USDCAD	02-08-18	09:30-09:32	1.30323	879.4301293								
USDCAD	02-08-18	11:30-11:32	1.30186	173247.7355								
USDCAD	02-08-18	13:30-13:32	1.30249	4397.150646								
USDCAD	02-08-18	15:32-17:30			1.30145	02-08-18 15:32	879.4301293	Other	NA	Electronic	1.30124	1.30145
USDCAD	03-08-18	09:30-09:32	1.30154	2638.290388								
USDCAD	03-08-18	11:30-11:32	1.29854	35177.20517								
USDCAD	03-08-18	13:30-13:32	1.29944	57162.9584								
USDCAD	03-08-18	15:30-15:32	1.29744	89701.87319								
USDCAD	06-08-18	09:30-09:32	1.301	879.4301293								
USDCAD	06-08-18	11:30-11:32	1.30234	879.4301293								
USDCAD	06-08-18	13:30-13:32	1.30261	9673.731422								
USDCAD	06-08-18	15:30-15:32	1.30011	26382.90388								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	07-08-18	09:30-09:32	1.29717	879.4301293								
USDCAD	07-08-18	11:30-11:32	1.29706	879.4301293								
USDCAD	07-08-18	13:30-13:32	1.29921	14950.3122								
USDCAD	07-08-18	15:32-17:30			1.30146	07-08-18 15:33	43971.50646	Other	NA	Electronic	1.30146	1.30165
USDCAD	08-08-18	09:32-11:30			1.30784	08-08-18 09:36	879.4301293	Other	NA	Electronic	1.30784	1.30806
USDCAD	08-08-18	11:30-11:32	1.30839	27262.33401								
USDCAD	08-08-18	13:30-13:32	1.3061	16709.17246								
USDCAD	08-08-18	15:30-15:32	1.30656	1758.860259								
USDCAD	09-08-18	09:30-09:32	1.30165	4397.150646								
USDCAD	09-08-18	11:30-11:32	1.30342	43971.50646								
USDCAD	09-08-18	13:30-13:32	1.30199	72113.2706								
USDCAD	09-08-18	15:30-15:32	1.30369	4397.150646								
USDCAD	10-08-18	09:30-09:32	1.31005	8794.301293								
USDCAD	10-08-18	11:32-13:30			1.30997	10-08-18 11:32	8794.301293	Other	NA	Electronic	1.30974	1.30997
USDCAD	10-08-18	13:30-13:32	1.30953	757189.3413								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	10-08-18	15:30-15:32	1.31015	70354.41034								
USDCAD	13-08-18	09:30-09:32	1.31494	3517.720517								
USDCAD	13-08-18	11:30-11:32	1.31623	292850.233								
USDCAD	13-08-18	13:32-15:30			1.31326	13-08-18 13:34	879.4301293	Other	NA	Electronic	1.31326	1.31348
USDCAD	13-08-18	15:30-15:32	1.31226	118723.0675								
USDCAD	14-08-18	09:32-11:30			1.30962	14-08-18 09:33	879.4301293	Other	NA	Electronic	1.30962	1.30985
USDCAD	14-08-18	11:30-11:32	1.30889	2638.290388								
USDCAD	14-08-18	13:32-15:30			1.30834	14-08-18 13:38	8794.301293	Other	NA	Electronic	1.30813	1.30834
USDCAD	14-08-18	15:30-15:32	1.31023	3517.720517								
USDCAD	15-08-18	09:30-09:32	1.30798	1758.860259								
USDCAD	15-08-18	11:30-11:32	1.31113	35177.20517								
USDCAD	15-08-18	13:30-13:32	1.31214	265587.899								
USDCAD	15-08-18	15:30-15:32	1.31718	17588.60259								
USDCAD	16-08-18	09:32-11:30			1.31328	16-08-18 09:33	7035.441034	Other	NA	Electronic	1.31305	1.31328
USDCAD	16-08-18	11:30-11:32	1.3141	5276.580776								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	16-08-18	13:30-13:32	1.3147	101134.4649								
USDCAD	16-08-18	15:32-17:30			1.31488	16-08-18 15:34	1758.860259	Other	NA	Electronic	1.3147	1.31488
USDCAD	17-08-18	09:32-11:30			1.31443	17-08-18 09:33	879.4301293	Other	NA	Electronic	1.31442	1.31464
USDCAD	17-08-18	11:30-11:32	1.31508	19347.46284								
USDCAD	17-08-18	13:32-15:30			1.30771	17-08-18 13:32	8794.301293	Other	NA	Electronic	1.30751	1.30771
USDCAD	17-08-18	15:30-15:32	1.30806	86184.15267								
USDCAD	20-08-18	09:32-11:30			1.307	20-08-18 09:33	879.4301293	Other	NA	Electronic	1.307	1.30721
USDCAD	20-08-18	11:30-11:32	1.30736	10553.16155								
USDCAD	20-08-18	13:30-13:32	1.3071	26382.90388								
USDCAD	20-08-18	15:30-15:32	1.30666	2638.290388								
USDCAD	21-08-18	09:30-09:32	1.30279	9673.731422								
USDCAD	21-08-18	11:30-11:32	1.30154	196992.349								
USDCAD	21-08-18	13:32-15:30			1.30307	21-08-18 13:32	1758.860259	Other	NA	Electronic	1.30307	1.3033
USDCAD	21-08-18	15:30-15:32	1.30524	8794.301293								
USDCAD	22-08-18	09:30-09:32	1.30163	11432.59168								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	22-08-18	11:32-13:30			1.30124	22-08-18 11:32	879.4301293	Other	NA	Electronic	1.30124	1.30146
USDCAD	22-08-18	13:30-13:32	1.30239	5276.580776								
USDCAD	22-08-18	15:30-15:32	1.30236	3517.720517								
USDCAD	23-08-18	09:32-11:30			1.30427	23-08-18 09:35	2638.290388	Other	NA	Electronic	1.30427	1.30449
USDCAD	23-08-18	11:32-13:30			1.30317	23-08-18 11:32	6156.010905	Other	NA	Electronic	1.30317	1.30339
USDCAD	23-08-18	13:30-13:32	1.30635	20226.89297								
USDCAD	23-08-18	15:32-17:30			1.30525	23-08-18 15:32	4397.150646	Other	NA	Electronic	1.30503	1.30525
USDCAD	24-08-18	09:30-09:32	1.30867	879.4301293								
USDCAD	24-08-18	11:30-11:32	1.30696	3517.720517								
USDCAD	24-08-18	13:30-13:32	1.30557	12312.02181								
USDCAD	24-08-18	15:30-15:32	1.30366	2638.290388								
USDCAD	27-08-18	09:32-11:30			1.30269	27-08-18 09:37	2638.290388	Other	NA	Electronic	1.30269	1.3029
USDCAD	27-08-18	11:30-11:32	1.30526	44850.93659								
USDCAD	27-08-18	13:30-13:32	1.30352	189077.4778								
USDCAD	27-08-18	15:30-15:32	1.29815	16709.17246								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	28-08-18	09:30-09:32	1.29457	7035.441034								
USDCAD	28-08-18	11:30-11:32	1.29378	12312.02181								
USDCAD	28-08-18	13:30-13:32	1.28975	8794.301293								
USDCAD	28-08-18	15:30-15:32	1.29162	879.4301293								
USDCAD	29-08-18	09:32-11:30			1.29274	29-08-18 09:33	1758.860259	Other	NA	Electronic	1.29274	1.29294
USDCAD	29-08-18	11:30-11:32	1.29402	879.4301293								
USDCAD	29-08-18	13:30-13:32	1.29258	4397.150646								
USDCAD	29-08-18	15:30-15:32	1.29473	1758.860259								
USDCAD	30-08-18	09:30-09:32	1.29359	3517.720517								
USDCAD	30-08-18	11:30-11:32	1.29314	3517.720517								
USDCAD	30-08-18	13:30-13:32	1.29852	72113.2706								
USDCAD	30-08-18	15:30-15:32	1.29869	8794.301293								
USDCAD	31-08-18	09:30-09:32	1.30154	3517.720517								
USDCAD	31-08-18	11:30-11:32	1.30032	879.4301293								
USDCAD	31-08-18	13:30-13:32	1.3061	10553.16155								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	31-08-18	15:30-15:32	1.30808	445871.0755								
USDCAD	03-09-18	09:30-09:32	1.30519	17588.60259								
USDCAD	03-09-18	11:32-13:30			1.30623	03-09-18 11:36	175886.0259	Other	NA	Electronic	1.30602	1.30623
USDCAD	03-09-18	13:30-13:32	1.30641	1758.860259								
USDCAD	03-09-18	15:30-15:32	1.30879	45730.36672								
USDCAD	04-09-18	09:30-09:32	1.31467	1758.860259								
USDCAD	04-09-18	11:30-11:32	1.3155	2638.290388								
USDCAD	04-09-18	13:30-13:32	1.31887	36056.6353								
USDCAD	04-09-18	15:32-17:30			1.3187	04-09-18 15:32	88822.44306	Other	NA	Electronic	1.31848	1.3187
USDCAD	05-09-18	09:30-09:32	1.31836	3517.720517								
USDCAD	05-09-18	11:30-11:32	1.31717	4397.150646								
USDCAD	05-09-18	13:30-13:32	1.31701	391346.4075								
USDCAD	05-09-18	15:30-15:32	1.31972	879.4301293								
USDCAD	06-09-18	09:30-09:32	1.31729	20226.89297								
USDCAD	06-09-18	11:32-13:30			1.31855	06-09-18 11:33	879.4301293	Other	NA	Electronic	1.31835	1.31855

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	06-09-18	13:30-13:32	1.31923	7035.441034								
USDCAD	06-09-18	15:30-15:32	1.32139	144226.5412								
USDCAD	07-09-18	09:30-09:32	1.31339	879.4301293								
USDCAD	07-09-18	11:32-13:30			1.31287	07-09-18 11:33	2638.290388	Other	NA	Electronic	1.31266	1.31287
USDCAD	07-09-18	13:30-13:32	1.31553	28141.76414								
USDCAD	07-09-18	15:32-17:30			1.31658	07-09-18 15:33	1758.860259	Other	NA	Electronic	1.31636	1.31658
USDCAD	10-09-18	09:32-11:30			1.31696	10-09-18 09:34	17588.60259	Other	NA	Electronic	1.31696	1.31715
USDCAD	10-09-18	11:32-13:30			1.31855	10-09-18 11:32	5276.580776	Other	NA	Electronic	1.31835	1.31855
USDCAD	10-09-18	13:30-13:32	1.31532	669246.3284								
USDCAD	10-09-18	15:32-17:30			1.31581	10-09-18 15:35	879.4301293	Other	NA	Electronic	1.31581	1.31601
USDCAD	11-09-18	09:30-09:32	1.31557	28141.76414								
USDCAD	11-09-18	11:32-13:30			1.31572	11-09-18 11:32	87943.01293	Other	NA	Electronic	1.31552	1.31572
USDCAD	11-09-18	13:30-13:32	1.31594	2638.290388								
USDCAD	11-09-18	15:30-15:32	1.31364	82666.43215								
USDCAD	12-09-18	09:30-09:32	1.30594	4397.150646								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	12-09-18	11:30-11:32	1.30675	189077.4778								
USDCAD	12-09-18	13:30-13:32	1.30644	12312.02181								
USDCAD	12-09-18	15:30-15:32	1.29974	504792.8942								
USDCAD	13-09-18	09:30-09:32	1.30123	879.4301293								
USDCAD	13-09-18	11:30-11:32	1.30038	4397.150646								
USDCAD	13-09-18	13:30-13:32	1.29892	56283.52827								
USDCAD	13-09-18	15:30-15:32	1.30063	5276.580776								
USDCAD	14-09-18	09:32-11:30			1.30063	14-09-18 09:34	4397.150646	Other	NA	Electronic	1.30041	1.30063
USDCAD	14-09-18	11:32-13:30			1.29974	14-09-18 11:42	17588.60259	Other	NA	Electronic	1.29952	1.29974
USDCAD	14-09-18	13:30-13:32	1.30175	5276.580776								
USDCAD	14-09-18	15:30-15:32	1.30284	36936.06543								
USDCAD	17-09-18	09:32-11:30			1.3031	17-09-18 09:43	1758.860259	Other	NA	Electronic	1.30289	1.3031
USDCAD	17-09-18	11:30-11:32	1.30294	1758.860259								
USDCAD	17-09-18	13:30-13:32	1.30136	5276.580776								
USDCAD	17-09-18	15:30-15:32	1.30335	2638.290388								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	18-09-18	09:30-09:32	1.30204	5276.580776								
USDCAD	18-09-18	11:32-13:30			1.30381	18-09-18 11:33	879.4301293	Other	NA	Electronic	1.30359	1.30381
USDCAD	18-09-18	13:30-13:32	1.29958	27262.33401								
USDCAD	18-09-18	15:32-17:30			1.29887	18-09-18 15:33	6156.010905	Other	NA	Electronic	1.29887	1.29909
USDCAD	19-09-18	09:30-09:32	1.29528	49248.08724								
USDCAD	19-09-18	11:30-11:32	1.29594	26382.90388								
USDCAD	19-09-18	13:30-13:32	1.29586	5276.580776								
USDCAD	19-09-18	15:30-15:32	1.29506	879.4301293								
USDCAD	20-09-18	09:30-09:32	1.29119	4397.150646								
USDCAD	20-09-18	11:30-11:32	1.29057	2638.290388								
USDCAD	20-09-18	13:32-15:30			1.28885	20-09-18 13:32	43971.50646	Other	NA	Electronic	1.28885	1.28906
USDCAD	20-09-18	15:30-15:32	1.29201	30780.05452								
USDCAD	21-09-18	09:30-09:32	1.29089	3517.720517								
USDCAD	21-09-18	11:32-13:30			1.29104	21-09-18 11:32	2638.290388	Other	NA	Electronic	1.29104	1.29125
USDCAD	21-09-18	13:30-13:32	1.2921	218098.6721								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	21-09-18	15:32-17:30			1.29184	21-09-18 15:33	43971.50646	Other	NA	Electronic	1.29163	1.29184
USDCAD	24-09-18	09:30-09:32	1.29393	879.4301293								
USDCAD	24-09-18	11:32-13:30			1.29447	24-09-18 11:38	2638.290388	Other	NA	Electronic	1.29426	1.29447
USDCAD	24-09-18	13:30-13:32	1.29126	40453.78595								
USDCAD	24-09-18	15:32-17:30			1.29399	24-09-18 15:37	879.4301293	Other	NA	Electronic	1.29374	1.29399
USDCAD	25-09-18	09:30-09:32	1.29621	18468.03271								
USDCAD	25-09-18	11:30-11:32	1.29655	22865.18336								
USDCAD	25-09-18	13:30-13:32	1.29485	22865.18336								
USDCAD	25-09-18	15:30-15:32	1.29406	52765.80776								
USDCAD	26-09-18	09:30-09:32	1.29538	180283.1765								
USDCAD	26-09-18	11:30-11:32	1.29566	12312.02181								
USDCAD	26-09-18	13:30-13:32	1.29629	879.4301293								
USDCAD	26-09-18	15:30-15:32	1.29618	879.4301293								
USDCAD	27-09-18	09:32-11:30			1.3052	27-09-18 09:32	879.4301293	Other	NA	Electronic	1.3052	1.30542
USDCAD	27-09-18	11:30-11:32	1.30606	4397.150646								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD	27-09-18	13:30-13:32	1.30656	202268.9297								
USDCAD	27-09-18	15:30-15:32	1.30497	14950.3122								
USDCAD	28-09-18	09:30-09:32	1.30135	2638.290388								
USDCAD	28-09-18	11:30-11:32	1.30144	4397.150646								
USDCAD	28-09-18	13:30-13:32	1.29795	41333.21608								
USDCAD	28-09-18	15:30-15:32	1.29255	8794.301293								
USDCAD.	02-07-18	09:32-11:30			1.31741	02-07-18 09:38	879.4301293	Other	NA	Electronic	1.31734	1.31741
USDCAD.	02-07-18	11:32-13:30			1.31771	02-07-18 11:40	879.4301293	Other	NA	Electronic	1.31771	1.31777
USDCAD.	02-07-18	13:30-13:32	1.3197	1758.860259								
USDCAD.	02-07-18	15:30-15:32	1.32153	1758.860259								
USDCAD.	03-07-18	09:32-11:30			1.31552	03-07-18 09:38	4397.150646	Other	NA	Electronic	1.31552	1.31559
USDCAD.	03-07-18	11:32-13:30			1.31506	03-07-18 11:39	4397.150646	Other	NA	Electronic	1.31499	1.31506
USDCAD.	03-07-18	13:32-15:30			1.31477	03-07-18 13:56	4397.150646	Other	NA	Electronic	1.31471	1.31477
USDCAD.	03-07-18	15:32-17:30			1.31619	03-07-18 15:37	879.4301293	Other	NA	Electronic	1.31613	1.31619
USDCAD.	04-07-18	09:32-11:30			1.31514	04-07-18 10:05	879.4301293	Other	NA	Electronic	1.31505	1.31514

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	04-07-18	11:32-13:30			1.31486	04-07-18 11:40	879.4301293	Other	NA	Electronic	1.3148	1.31486
USDCAD.	04-07-18	13:32-15:30			1.3143	04-07-18 13:32	8794.301293	Other	NA	Electronic	1.31423	1.3143
USDCAD.	04-07-18	15:32-17:30			1.31483	04-07-18 15:36	9673.731422	Other	NA	Electronic	1.31475	1.31483
USDCAD.	05-07-18	09:32-11:30			1.31498	05-07-18 09:34	1758.860259	Other	NA	Electronic	1.31491	1.31496
USDCAD.	05-07-18	11:30-11:32	1.31372	14950.3122								
USDCAD.	05-07-18	13:32-15:30			1.3134	05-07-18 13:32	26382.90388	Other	NA	Electronic	1.3134	1.31346
USDCAD.	05-07-18	15:32-17:30			1.31198	05-07-18 15:54	11432.59168	Other	NA	Electronic	1.31198	1.31205
USDCAD.	06-07-18	09:32-11:30			1.31427	06-07-18 10:15	1758.860259	Other	NA	Electronic	1.31418	1.31426
USDCAD.	06-07-18	11:32-13:30			1.31314	06-07-18 11:47	879.4301293	Other	NA	Electronic	1.31307	1.31314
USDCAD.	06-07-18	13:32-15:30			1.31214	06-07-18 13:32	4397.150646	Other	NA	Electronic	1.31214	1.3122
USDCAD.	06-07-18	15:30-15:32	1.30816	26382.90388								
USDCAD.	09-07-18	09:30-09:32	1.30786	21985.75323								
USDCAD.	09-07-18	11:30-11:32	1.30789	8794.301293								
USDCAD.	09-07-18	13:30-13:32	1.30714	35177.20517								
USDCAD.	09-07-18	15:32-17:30			1.31006	09-07-18 15:32	4397.150646	Other	NA	Electronic	1.31004	1.31012

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USDCAD.	10-07-18	09:30-09:32	1.31365	35177.20517								
USDCAD.	10-07-18	11:30-11:32	1.31337	17588.60259								
USDCAD.	10-07-18	13:32-15:30			1.31362	10-07-18 13:49	13191.45194	Other	NA	Electronic	1.31362	1.31368
USDCAD.	10-07-18	15:30-15:32	1.31156	5276.580776								
USDCAD.	11-07-18	09:30-09:32	1.31675	268226.1894								
USDCAD.	11-07-18	11:32-13:30			1.31532	11-07-18 11:33	879.4301293	Other	NA	Electronic	1.31527	1.31532
USDCAD.	11-07-18	13:30-13:32	1.31363	180283.1765								
USDCAD.	11-07-18	15:32-17:30			1.3146	11-07-18 15:35	879.4301293	Other	NA	Electronic	1.31452	1.3146
USDCAD.	12-07-18	09:32-11:30			1.31961	12-07-18 09:52	1758.860259	Other	NA	Electronic	1.31955	1.31961
USDCAD.	12-07-18	11:32-13:30			1.31955	12-07-18 11:33	879.4301293	Other	NA	Electronic	1.31949	1.31955
USDCAD.	12-07-18	13:30-13:32	1.31664	144226.5412								
USDCAD.	12-07-18	15:30-15:32	1.31647	1758.860259								
USDCAD.	13-07-18	09:32-11:30			1.31877	13-07-18 09:45	94978.45396	Other	NA	Electronic	1.31877	1.31884
USDCAD.	13-07-18	11:32-13:30			1.32024	13-07-18 11:32	3517.720517	Other	NA	Electronic	1.32024	1.32032
USDCAD.	13-07-18	13:30-13:32	1.31895	4397.150646								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	13-07-18	15:32-17:30			1.31642	13-07-18 15:45	879.4301293	Other	NA	Electronic	1.31642	1.3165
USDCAD.	16-07-18	09:30-09:32	1.31376	39574.35582								
USDCAD.	16-07-18	11:32-13:30			1.31424	16-07-18 11:35	879.4301293	Other	NA	Electronic	1.31416	1.31423
USDCAD.	16-07-18	13:32-15:30			1.31339	16-07-18 13:47	17588.60259	Other	NA	Electronic	1.31339	1.31344
USDCAD.	16-07-18	15:32-17:30			1.31379	16-07-18 15:32	4397.150646	Other	NA	Electronic	1.31372	1.31379
USDCAD.	17-07-18	09:30-09:32	1.31229	8794.301293								
USDCAD.	17-07-18	11:30-11:32	1.31481	28141.76414								
USDCAD.	17-07-18	13:32-15:30			1.31722	17-07-18 13:33	4397.150646	Other	NA	Electronic	1.31722	1.31729
USDCAD.	17-07-18	15:32-17:30			1.31859	17-07-18 15:33	879.4301293	Other	NA	Electronic	1.31853	1.31859
USDCAD.	18-07-18	09:32-11:30			1.32427	18-07-18 09:33	1758.860259	Other	NA	Electronic	1.3242	1.32425
USDCAD.	18-07-18	11:30-11:32	1.32402	4397.150646								
USDCAD.	18-07-18	13:30-13:32	1.32394	4397.150646								
USDCAD.	18-07-18	15:32-17:30			1.32112	18-07-18 15:42	527658.0776	Other	NA	Electronic	1.32107	1.32112
USDCAD.	19-07-18	09:30-09:32	1.32293	43971.50646								
USDCAD.	19-07-18	11:30-11:32	1.32373	4397.150646								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	19-07-18	13:30-13:32	1.32504	77389.85138								
USDCAD.	19-07-18	15:30-15:32	1.32746	136311.67								
USDCAD.	20-07-18	09:30-09:32	1.32456	1758.860259								
USDCAD.	20-07-18	11:30-11:32	1.32397	131914.5194								
USDCAD.	20-07-18	13:30-13:32	1.3128	879.4301293								
USDCAD.	20-07-18	15:30-15:32	1.31378	193474.6284								
USDCAD.	23-07-18	09:30-09:32	1.31485	88822.44306								
USDCAD.	23-07-18	11:32-13:30			1.31387	23-07-18 11:38	17588.60259	Other	NA	Electronic	1.31387	1.31394
USDCAD.	23-07-18	13:30-13:32	1.31445	13191.45194								
USDCAD.	23-07-18	15:30-15:32	1.31572	4397.150646								
USDCAD.	24-07-18	09:30-09:32	1.31725	8794.301293								
USDCAD.	24-07-18	11:32-13:30			1.31537	24-07-18 11:37	8794.301293	Other	NA	Electronic	1.31536	1.31544
USDCAD.	24-07-18	13:30-13:32	1.31652	21985.75323								
USDCAD.	24-07-18	15:30-15:32	1.316	879.4301293								
USDCAD.	25-07-18	09:30-09:32	1.31335	79148.71163								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	25-07-18	11:32-13:30			1.31226	25-07-18 11:45	879.4301293	Other	NA	Electronic	1.31217	1.31226
USDCAD.	25-07-18	13:32-15:30			1.30921	25-07-18 13:34	879.4301293	Other	NA	Electronic	1.30914	1.30919
USDCAD.	25-07-18	15:32-17:30			1.31136	25-07-18 15:42	8794.301293	Other	NA	Electronic	1.31136	1.31142
USDCAD.	26-07-18	09:32-11:30			1.30479	26-07-18 09:38	879.4301293	Other	NA	Electronic	1.30473	1.30479
USDCAD.	26-07-18	11:30-11:32	1.30455	18468.03271								
USDCAD.	26-07-18	13:30-13:32	1.30607	8794.301293								
USDCAD.	26-07-18	15:32-17:30			1.30725	26-07-18 15:32	879.4301293	Other	NA	Electronic	1.30725	1.30733
USDCAD.	27-07-18	09:32-11:30			1.30709	27-07-18 09:37	879.4301293	Other	NA	Electronic	1.30709	1.30717
USDCAD.	27-07-18	11:30-11:32	1.30669	5276.580776								
USDCAD.	27-07-18	13:30-13:32	1.30697	88822.44306								
USDCAD.	27-07-18	15:30-15:32	1.30574	879.4301293								
USDCAD.	30-07-18	09:32-11:30			1.30609	30-07-18 09:34	4397.150646	Other	NA	Electronic	1.30609	1.30616
USDCAD.	30-07-18	11:30-11:32	1.30439	879.4301293								
USDCAD.	30-07-18	13:30-13:32	1.30416	4397.150646								
USDCAD.	30-07-18	15:30-15:32	1.30085	96737.31422								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	31-07-18	09:32-11:30			1.30436	31-07-18 09:38	1758.860259	Other	NA	Electronic	1.30435	1.30442
USDCAD.	31-07-18	11:32-13:30			1.30349	31-07-18 11:35	21985.75323	Other	NA	Electronic	1.30342	1.30349
USDCAD.	31-07-18	13:30-13:32	1.30382	204027.79								
USDCAD.	31-07-18	15:30-15:32	1.30215	439715.0646								
USDCAD.	01-08-18	09:30-09:32	1.30285	163574.004								
USDCAD.	01-08-18	11:32-13:30			1.3016	01-08-18 11:37	4397.150646	Other	NA	Electronic	1.3016	1.30167
USDCAD.	01-08-18	13:32-15:30			1.30048	01-08-18 13:45	1758.860259	Other	NA	Electronic	1.30042	1.30048
USDCAD.	01-08-18	15:32-17:30			1.29968	01-08-18 15:46	879.4301293	Other	NA	Electronic	1.29968	1.29975
USDCAD.	02-08-18	09:30-09:32	1.30312	65077.82957								
USDCAD.	02-08-18	11:30-11:32	1.30179	879.4301293								
USDCAD.	02-08-18	13:32-15:30			1.30247	02-08-18 13:36	879.4301293	Other	NA	Electronic	1.30247	1.30254
USDCAD.	02-08-18	15:32-17:30			1.30109	02-08-18 15:34	7914.871163	Other	NA	Electronic	1.30109	1.30112
USDCAD.	03-08-18	09:32-11:30			1.30197	03-08-18 09:46	879.4301293	Other	NA	Electronic	1.30191	1.30197
USDCAD.	03-08-18	11:30-11:32	1.2986	10553.16155								
USDCAD.	03-08-18	13:32-15:30			1.2998	03-08-18 13:32	879.4301293	Other	NA	Electronic	1.29973	1.2998

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	03-08-18	15:32-17:30			1.29684	03-08-18 15:32	879.4301293	Other	NA	Electronic	1.29689	1.2969
USDCAD.	06-08-18	09:32-11:30			1.30145	06-08-18 10:15	1758.860259	Other	NA	Electronic	1.30137	1.30145
USDCAD.	06-08-18	11:32-13:30			1.30249	06-08-18 11:32	1758.860259	Other	NA	Electronic	1.30242	1.30249
USDCAD.	06-08-18	13:32-15:30			1.30348	06-08-18 13:41	2638.290388	Other	NA	Electronic	1.30348	1.30354
USDCAD.	06-08-18	15:30-15:32	1.29981	17588.60259								
USDCAD.	07-08-18	09:30-09:32	1.29706	87943.01293								
USDCAD.	07-08-18	11:32-13:30			1.29735	07-08-18 11:36	879.4301293	Other	NA	Electronic	1.29735	1.29742
USDCAD.	07-08-18	13:30-13:32	1.29918	73872.13086								
USDCAD.	07-08-18	15:32-17:30			1.30151	07-08-18 15:33	879.4301293	Other	NA	Electronic	1.30151	1.30155
USDCAD.	08-08-18	09:32-11:30			1.30748	08-08-18 09:43	879.4301293	Other	NA	Electronic	1.30748	1.30755
USDCAD.	08-08-18	11:32-13:30			1.30893	08-08-18 11:53	4397.150646	Other	NA	Electronic	1.30887	1.30893
USDCAD.	08-08-18	13:30-13:32	1.30582	909330.7537								
USDCAD.	08-08-18	15:32-17:30			1.30685	08-08-18 15:37	879.4301293	Other	NA	Electronic	1.30675	1.30685
USDCAD.	09-08-18	09:32-11:30			1.30234	09-08-18 09:35	1758.860259	Other	NA	Electronic	1.30234	1.30238
USDCAD.	09-08-18	11:32-13:30			1.30393	09-08-18 11:42	21106.3231	Other	NA	Electronic	1.30393	1.30398

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	09-08-18	13:32-15:30			1.30281	09-08-18 13:38	8794.301293	Other	NA	Electronic	1.30281	1.30288
USDCAD.	09-08-18	15:30-15:32	1.30334	35177.20517								
USDCAD.	10-08-18	09:32-11:30			1.31037	10-08-18 09:58	879.4301293	Other	NA	Electronic	1.3103	1.31037
USDCAD.	10-08-18	11:30-11:32	1.30985	13191.45194								
USDCAD.	10-08-18	13:30-13:32	1.30898	17588.60259								
USDCAD.	10-08-18	15:30-15:32	1.31015	12312.02181								
USDCAD.	13-08-18	09:30-09:32	1.31507	29900.6244								
USDCAD.	13-08-18	11:30-11:32	1.31626	1758.860259								
USDCAD.	13-08-18	13:32-15:30			1.31328	13-08-18 13:35	1758.860259	Other	NA	Electronic	1.31322	1.31328
USDCAD.	13-08-18	15:32-17:30			1.31281	13-08-18 15:37	2638.290388	Other	NA	Electronic	1.31275	1.31281
USDCAD.	14-08-18	09:32-11:30			1.30955	14-08-18 09:43	2638.290388	Other	NA	Electronic	1.30955	1.30962
USDCAD.	14-08-18	11:32-13:30			1.30838	14-08-18 11:54	879.4301293	Other	NA	Electronic	1.30838	1.30844
USDCAD.	14-08-18	13:30-13:32	1.30811	1758.860259								
USDCAD.	14-08-18	15:30-15:32	1.31014	14070.88207								
USDCAD.	15-08-18	09:32-11:30			1.30872	15-08-18 09:56	879.4301293	Other	NA	Electronic	1.30872	1.30878

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	15-08-18	11:32-13:30			1.31145	15-08-18 11:32	52765.80776	Other	NA	Electronic	1.31137	1.31145
USDCAD.	15-08-18	13:32-15:30			1.31264	15-08-18 13:45	4397.150646	Other	NA	Electronic	1.31256	1.31264
USDCAD.	15-08-18	15:32-17:30			1.31604	15-08-18 15:49	879.4301293	Other	NA	Electronic	1.31604	1.3161
USDCAD.	16-08-18	09:32-11:30			1.31305	16-08-18 09:55	3517.720517	Other	NA	Electronic	1.31305	1.31311
USDCAD.	16-08-18	11:30-11:32	1.31408	2638.290388								
USDCAD.	16-08-18	13:32-15:30			1.31488	16-08-18 13:32	2638.290388	Other	NA	Electronic	1.31482	1.31488
USDCAD.	16-08-18	15:32-17:30			1.3147	16-08-18 15:35	879.4301293	Other	NA	Electronic	1.3147	1.31474
USDCAD.	17-08-18	09:32-11:30			1.31475	17-08-18 09:33	22865.18336	Other	NA	Electronic	1.31468	1.31475
USDCAD.	17-08-18	11:32-13:30			1.31488	17-08-18 11:45	3517.720517	Other	NA	Electronic	1.31488	1.31494
USDCAD.	17-08-18	13:32-15:30			1.3076	17-08-18 13:34	879.4301293	Other	NA	Electronic	1.3076	1.30766
USDCAD.	17-08-18	15:32-17:30			1.30814	17-08-18 15:32	3517.720517	Other	NA	Electronic	1.30807	1.30814
USDCAD.	20-08-18	09:32-11:30			1.30705	20-08-18 09:52	4397.150646	Other	NA	Electronic	1.30699	1.30705
USDCAD.	20-08-18	11:32-13:30			1.30821	20-08-18 12:22	43971.50646	Other	NA	Electronic	1.30821	1.30827
USDCAD.	20-08-18	13:32-15:30			1.30676	20-08-18 13:35	879.4301293	Other	NA	Electronic	1.30678	1.30684
USDCAD.	20-08-18	15:30-15:32	1.30663	9673.731422								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	21-08-18	09:32-11:30			1.30215	21-08-18 10:15	879.4301293	Other	NA	Electronic	1.30212	1.30215
USDCAD.	21-08-18	11:32-13:30			1.30178	21-08-18 11:58	17588.60259	Other	NA	Electronic	1.30178	1.30185
USDCAD.	21-08-18	13:32-15:30			1.30298	21-08-18 13:32	1758.860259	Other	NA	Electronic	1.30298	1.30306
USDCAD.	21-08-18	15:30-15:32	1.3051	1758.860259								
USDCAD.	22-08-18	09:32-11:30			1.30183	22-08-18 09:40	36936.06543	Other	NA	Electronic	1.30175	1.30183
USDCAD.	22-08-18	11:32-13:30			1.30225	22-08-18 12:04	1758.860259	Other	NA	Electronic	1.30218	1.30225
USDCAD.	22-08-18	13:32-15:30			1.30201	22-08-18 13:37	879.4301293	Other	NA	Electronic	1.30196	1.30201
USDCAD.	22-08-18	15:32-17:30			1.30197	22-08-18 15:38	2638.290388	Other	NA	Electronic	1.30191	1.30197
USDCAD.	23-08-18	09:30-09:32	1.30451	879.4301293								
USDCAD.	23-08-18	11:32-13:30			1.3045	23-08-18 12:31	879.4301293	Other	NA	Electronic	1.30443	1.3045
USDCAD.	23-08-18	13:32-15:30			1.30544	23-08-18 13:51	879.4301293	Other	NA	Electronic	1.30545	1.30552
USDCAD.	23-08-18	15:32-17:30			1.30512	23-08-18 15:34	879.4301293	Other	NA	Electronic	1.30512	1.30519
USDCAD.	24-08-18	09:32-11:30			1.30837	24-08-18 09:39	3517.720517	Other	NA	Electronic	1.30831	1.30837
USDCAD.	24-08-18	11:30-11:32	1.30708	879.4301293								
USDCAD.	24-08-18	13:32-15:30			1.30536	24-08-18 13:42	4397.150646	Other	NA	Electronic	1.30536	1.30541

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	24-08-18	15:32-17:30			1.3032	24-08-18 15:49	879.4301293	Other	NA	Electronic	1.30315	1.3032
USDCAD.	27-08-18	09:32-11:30			1.30278	27-08-18 09:45	879.4301293	Other	NA	Electronic	1.30271	1.30278
USDCAD.	27-08-18	11:30-11:32	1.30503	7035.441034								
USDCAD.	27-08-18	13:32-15:30			1.30343	27-08-18 13:35	4397.150646	Other	NA	Electronic	1.30343	1.3035
USDCAD.	27-08-18	15:30-15:32	1.29833	10553.16155								
USDCAD.	28-08-18	09:32-11:30			1.29468	28-08-18 09:36	4397.150646	Other	NA	Electronic	1.29468	1.29475
USDCAD.	28-08-18	11:32-13:30			1.29371	28-08-18 11:34	17588.60259	Other	NA	Electronic	1.29366	1.29371
USDCAD.	28-08-18	13:32-15:30			1.2902	28-08-18 13:40	8794.301293	Other	NA	Electronic	1.29015	1.2902
USDCAD.	28-08-18	15:32-17:30			1.29258	28-08-18 15:59	2638.290388	Other	NA	Electronic	1.29253	1.29258
USDCAD.	29-08-18	09:32-11:30			1.29373	29-08-18 10:31	5276.580776	Other	NA	Electronic	1.29367	1.29373
USDCAD.	29-08-18	11:30-11:32	1.29415	879.4301293								
USDCAD.	29-08-18	13:32-15:30			1.29346	29-08-18 13:39	88822.44306	Other	NA	Electronic	1.29341	1.29346
USDCAD.	29-08-18	15:32-17:30			1.2942	29-08-18 15:59	879.4301293	Other	NA	Electronic	1.2942	1.29426
USDCAD.	30-08-18	09:32-11:30			1.29291	30-08-18 09:48	1758.860259	Other	NA	Electronic	1.29291	1.29296
USDCAD.	30-08-18	11:32-13:30			1.29274	30-08-18 12:00	1758.860259	Other	NA	Electronic	1.29274	1.29281

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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USDCAD.	30-08-18	13:32-15:30			1.29918	30-08-18 13:32	879.4301293	Other	NA	Electronic	1.29918	1.29925
USDCAD.	30-08-18	15:32-17:30			1.29865	30-08-18 15:51	4397.150646	Other	NA	Electronic	1.29865	1.29872
USDCAD.	31-08-18	09:32-11:30			1.30134	31-08-18 09:34	879.4301293	Other	NA	Electronic	1.30134	1.3014
USDCAD.	31-08-18	11:32-13:30			1.30361	31-08-18 11:50	879.4301293	Other	NA	Electronic	1.30352	1.30361
USDCAD.	31-08-18	13:32-15:30			1.30592	31-08-18 13:36	879.4301293	Other	NA	Electronic	1.30586	1.30592
USDCAD.	31-08-18	15:30-15:32	1.30761	4397.150646								
USDCAD.	03-09-18	09:32-11:30			1.30507	03-09-18 10:31	879.4301293	Other	NA	Electronic	1.30507	1.30513
USDCAD.	03-09-18	11:30-11:32	1.30618	48368.65711								
USDCAD.	03-09-18	13:32-15:30			1.3069	03-09-18 13:51	879.4301293	Other	NA	Electronic	1.3069	1.30697
USDCAD.	03-09-18	15:32-17:30			1.30886	03-09-18 15:32	879.4301293	Other	NA	Electronic	1.30884	1.30886
USDCAD.	04-09-18	09:32-11:30			1.31539	04-09-18 09:38	879.4301293	Other	NA	Electronic	1.31532	1.31539
USDCAD.	04-09-18	11:32-13:30			1.31534	04-09-18 11:33	879.4301293	Other	NA	Electronic	1.31534	1.31541
USDCAD.	04-09-18	13:32-15:30			1.31853	04-09-18 13:33	4397.150646	Other	NA	Electronic	1.31853	1.3186
USDCAD.	04-09-18	15:32-17:30			1.31828	04-09-18 16:02	1758.860259	Other	NA	Electronic	1.31821	1.31828
USDCAD.	05-09-18	09:32-11:30			1.31896	05-09-18 09:43	879.4301293	Other	NA	Electronic	1.31896	1.31901



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	05-09-18	11:32-13:30			1.31712	05-09-18 11:32	879.4301293	Other	NA	Electronic	1.31712	1.31718
USDCAD.	05-09-18	13:32-15:30			1.31713	05-09-18 13:35	44850.93659	Other	NA	Electronic	1.31713	1.31719
USDCAD.	05-09-18	15:32-17:30			1.31839	05-09-18 16:03	879.4301293	Other	NA	Electronic	1.31839	1.31844
USDCAD.	06-09-18	09:32-11:30			1.31717	06-09-18 09:35	879.4301293	Other	NA	Electronic	1.31711	1.31718
USDCAD.	06-09-18	11:32-13:30			1.31864	06-09-18 12:01	4397.150646	Other	NA	Electronic	1.31864	1.3187
USDCAD.	06-09-18	13:32-15:30			1.31985	06-09-18 14:40	879.4301293	Other	NA	Electronic	1.31985	1.31991
USDCAD.	06-09-18	15:32-17:30			1.32127	06-09-18 16:00	879.4301293	Other	NA	Electronic	1.32119	1.32127
USDCAD.	07-09-18	09:32-11:30			1.31356	07-09-18 09:40	879.4301293	Other	NA	Electronic	1.31356	1.31363
USDCAD.	07-09-18	11:32-13:30			1.31231	07-09-18 11:39	879.4301293	Other	NA	Electronic	1.31231	1.31236
USDCAD.	07-09-18	13:30-13:32	1.31521	879.4301293								
USDCAD.	07-09-18	15:32-17:30			1.31731	07-09-18 15:56	4397.150646	Other	NA	Electronic	1.31731	1.31737
USDCAD.	10-09-18	09:32-11:30			1.31841	10-09-18 10:16	8794.301293	Other	NA	Electronic	1.31835	1.31841
USDCAD.	10-09-18	11:30-11:32	1.31831	6156.010905								
USDCAD.	10-09-18	13:32-15:30			1.31555	10-09-18 13:32	8794.301293	Other	NA	Electronic	1.31555	1.31559
USDCAD.	10-09-18	15:32-17:30			1.31614	10-09-18 16:07	879.4301293	Other	NA	Electronic	1.31607	1.31614

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	11-09-18	09:32-11:30			1.31565	11-09-18 09:35	879.4301293	Other	NA	Electronic	1.31559	1.31565
USDCAD.	11-09-18	11:32-13:30			1.31577	11-09-18 12:00	8794.301293	Other	NA	Electronic	1.31572	1.31577
USDCAD.	11-09-18	13:32-15:30			1.31618	11-09-18 13:35	879.4301293	Other	NA	Electronic	1.31613	1.31618
USDCAD.	11-09-18	15:30-15:32	1.31354	879.4301293								
USDCAD.	12-09-18	09:32-11:30			1.30596	12-09-18 09:33	27262.33401	Other	NA	Electronic	1.30596	1.30602
USDCAD.	12-09-18	11:30-11:32	1.3069	6156.010905								
USDCAD.	12-09-18	13:30-13:32	1.30651	4397.150646								
USDCAD.	12-09-18	15:30-15:32	1.29984	6156.010905								
USDCAD.	13-09-18	09:32-11:30			1.30139	13-09-18 10:01	8794.301293	Other	NA	Electronic	1.30132	1.30139
USDCAD.	13-09-18	11:32-13:30			1.30052	13-09-18 11:33	17588.60259	Other	NA	Electronic	1.30052	1.30059
USDCAD.	13-09-18	13:32-15:30			1.299	13-09-18 13:32	879.4301293	Other	NA	Electronic	1.299	1.29906
USDCAD.	13-09-18	15:32-17:30			1.30104	13-09-18 15:36	8794.301293	Other	NA	Electronic	1.30099	1.30104
USDCAD.	14-09-18	09:30-09:32	1.30047	1758.860259								
USDCAD.	14-09-18	11:30-11:32	1.29961	70354.41034								
USDCAD.	14-09-18	13:32-15:30			1.30238	14-09-18 13:38	4397.150646	Other	NA	Electronic	1.30231	1.30238

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCAD.	14-09-18	15:32-17:30			1.30408	14-09-18 16:01	175886.0259	Other	NA	Electronic	1.30408	1.30417
USDCAD.	17-09-18	09:32-11:30			1.30271	17-09-18 09:36	1758.860259	Other	NA	Electronic	1.30271	1.30277
USDCAD.	17-09-18	11:32-13:30			1.3028	17-09-18 11:32	7914.871163	Other	NA	Electronic	1.3028	1.30286
USDCAD.	17-09-18	13:32-15:30			1.30112	17-09-18 13:38	1758.860259	Other	NA	Electronic	1.30107	1.30112
USDCAD.	17-09-18	15:30-15:32	1.30294	10553.16155								
USDCAD.	18-09-18	09:30-09:32	1.30212	879.4301293								
USDCAD.	18-09-18	11:32-13:30			1.30314	18-09-18 11:42	43971.50646	Other	NA	Electronic	1.30314	1.3032
USDCAD.	18-09-18	13:32-15:30			1.2986	18-09-18 13:35	8794.301293	Other	NA	Electronic	1.29856	1.2986
USDCAD.	18-09-18	15:30-15:32	1.29936	6156.010905								
USDCAD.	19-09-18	09:32-11:30			1.29475	19-09-18 09:39	4397.150646	Other	NA	Electronic	1.29469	1.29475
USDCAD.	19-09-18	11:32-13:30			1.29594	19-09-18 11:32	5276.580776	Other	NA	Electronic	1.29587	1.29594
USDCAD.	19-09-18	13:30-13:32	1.29595	879.4301293								
USDCAD.	19-09-18	15:32-17:30			1.29469	19-09-18 15:52	8794.301293	Other	NA	Electronic	1.29463	1.29469
USDCAD.	20-09-18	09:32-11:30			1.29107	20-09-18 09:50	879.4301293	Other	NA	Electronic	1.29101	1.29107
USDCAD.	20-09-18	11:30-11:32	1.29068	879.4301293								

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USDCAD.	20-09-18	13:32-15:30			1.28877	20-09-18 13:32	5276.580776	Other	NA	Electronic	1.28877	1.28884
USDCAD.	20-09-18	15:30-15:32	1.29227	3517.720517								
USDCAD.	21-09-18	09:32-11:30			1.29104	21-09-18 09:39	13191.45194	Other	NA	Electronic	1.29098	1.29104
USDCAD.	21-09-18	11:32-13:30			1.29147	21-09-18 11:36	2638.290388	Other	NA	Electronic	1.29147	1.29153
USDCAD.	21-09-18	13:30-13:32	1.29237	65077.82957								
USDCAD.	21-09-18	15:32-17:30			1.2921	21-09-18 15:37	1758.860259	Other	NA	Electronic	1.29204	1.2921
USDCAD.	24-09-18	09:32-11:30			1.29426	24-09-18 09:58	879.4301293	Other	NA	Electronic	1.29425	1.29432
USDCAD.	24-09-18	11:32-13:30			1.29439	24-09-18 11:37	1758.860259	Other	NA	Electronic	1.29432	1.29439
USDCAD.	24-09-18	13:30-13:32	1.29121	4397.150646								
USDCAD.	24-09-18	15:32-17:30			1.29353	24-09-18 15:33	4397.150646	Other	NA	Electronic	1.29348	1.29353
USDCAD.	25-09-18	09:32-11:30			1.29566	25-09-18 09:55	4397.150646	Other	NA	Electronic	1.29561	1.29566
USDCAD.	25-09-18	11:32-13:30			1.29668	25-09-18 11:35	2638.290388	Other	NA	Electronic	1.29668	1.29674
USDCAD.	25-09-18	13:30-13:32	1.29484	1758.860259								
USDCAD.	25-09-18	15:32-17:30			1.29455	25-09-18 15:43	879.4301293	Other	NA	Electronic	1.29455	1.2946
USDCAD.	26-09-18	09:32-11:30			1.29548	26-09-18 10:24	35177.20517	Other	NA	Electronic	1.29542	1.29548

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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USDCAD.	26-09-18	11:32-13:30			1.29582	26-09-18 11:35	879.4301293	Other	NA	Electronic	1.29576	1.29582
USDCAD.	26-09-18	13:32-15:30			1.29588	26-09-18 13:52	21985.75323	Other	NA	Electronic	1.29581	1.29588
USDCAD.	26-09-18	15:32-17:30			1.29599	26-09-18 16:07	4397.150646	Other	NA	Electronic	1.29599	1.29606
USDCAD.	27-09-18	09:32-11:30			1.30585	27-09-18 10:00	1758.860259	Other	NA	Electronic	1.30585	1.30592
USDCAD.	27-09-18	11:32-13:30			1.30633	27-09-18 11:37	43971.50646	Other	NA	Electronic	1.30632	1.30638
USDCAD.	27-09-18	13:32-15:30			1.30664	27-09-18 13:34	10553.16155	Other	NA	Electronic	1.30658	1.30664
USDCAD.	27-09-18	15:32-17:30			1.30436	27-09-18 15:37	10553.16155	Other	NA	Electronic	1.30436	1.30442
USDCAD.	28-09-18	09:30-09:32	1.30143	879.4301293								
USDCAD.	28-09-18	11:32-13:30			1.30161	28-09-18 11:39	8794.301293	Other	NA	Electronic	1.30158	1.30161
USDCAD.	28-09-18	13:32-15:30			1.298	28-09-18 13:32	879.4301293	Other	NA	Electronic	1.29796	1.298
USDCAD.	28-09-18	15:32-17:30			1.2918	28-09-18 15:38	10553.16155	Other	NA	Electronic	1.2918	1.29187
USDCADmicro	02-07-18	09:32-11:30			1.31702	02-07-18 09:33	8.794301293	Other	NA	Electronic	1.31679	1.31702
USDCADmicro	02-07-18	11:30-11:32	1.31777	17104.91601								
USDCADmicro	02-07-18	13:30-13:32	1.31951	448.5093659								
USDCADmicro	02-07-18	15:30-15:32	1.32135	22434.2626								

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USDCADmicro	03-07-18	09:30-09:32	1.31593	4230.058922								
USDCADmicro	03-07-18	11:30-11:32	1.31511	6199.982411								
USDCADmicro	03-07-18	13:30-13:32	1.31519	4230.058922								
USDCADmicro	03-07-18	15:30-15:32	1.31607	14070.88207								
USDCADmicro	04-07-18	09:30-09:32	1.31505	1336.733796								
USDCADmicro	04-07-18	11:32-13:30			1.31485	04-07-18 11:33	8.794301293	Other	NA	Electronic	1.3146	1.31485
USDCADmicro	04-07-18	13:30-13:32	1.31406	21994.54753								
USDCADmicro	04-07-18	15:32-17:30			1.31516	04-07-18 15:33	8794.301293	Other	NA	Electronic	1.31495	1.31516
USDCADmicro	05-07-18	09:30-09:32	1.31487	8.794301293								
USDCADmicro	05-07-18	11:30-11:32	1.31361	29636.79536								
USDCADmicro	05-07-18	13:30-13:32	1.31356	91522.29355								
USDCADmicro	05-07-18	15:30-15:32	1.3131	1512.619822								
USDCADmicro	06-07-18	09:30-09:32	1.31339	888.2244306								
USDCADmicro	06-07-18	11:30-11:32	1.31349	888.2244306								
USDCADmicro	06-07-18	13:30-13:32	1.3125	897.0187319								

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USDCADmicro	06-07-18	15:30-15:32	1.30824	26708.29303								
USDCADmicro	09-07-18	09:30-09:32	1.30778	15416.41017								
USDCADmicro	09-07-18	11:30-11:32	1.30793	2559.141676								
USDCADmicro	09-07-18	13:30-13:32	1.30717	2946.090933								
USDCADmicro	09-07-18	15:30-15:32	1.31046	5065.517545								
USDCADmicro	10-07-18	09:30-09:32	1.31352	7545.510509								
USDCADmicro	10-07-18	11:30-11:32	1.31343	879.4301293								
USDCADmicro	10-07-18	13:30-13:32	1.31348	6156.010905								
USDCADmicro	10-07-18	15:30-15:32	1.31158	29786.29848								
USDCADmicro	11-07-18	09:30-09:32	1.31673	9216.427755								
USDCADmicro	11-07-18	11:30-11:32	1.31519	3535.30912								
USDCADmicro	11-07-18	13:30-13:32	1.31405	1758.860259								
USDCADmicro	11-07-18	15:30-15:32	1.31457	34667.1357								
USDCADmicro	12-07-18	09:30-09:32	1.31962	26.38290388								
USDCADmicro	12-07-18	11:30-11:32	1.3195	6287.925424								

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USDCADmicro	12-07-18	13:30-13:32	1.31671	18643.91874								
USDCADmicro	12-07-18	15:30-15:32	1.31654	7114.589746								
USDCADmicro	13-07-18	09:30-09:32	1.319	3104.388356								
USDCADmicro	13-07-18	11:30-11:32	1.32033	3535.30912								
USDCADmicro	13-07-18	13:32-15:30			1.31818	13-07-18 13:33	87.94301293	Other	NA	Electronic	1.31819	1.31842
USDCADmicro	13-07-18	15:30-15:32	1.31624	6639.697476								
USDCADmicro	16-07-18	09:30-09:32	1.31384	228.6518336								
USDCADmicro	16-07-18	11:32-13:30			1.31426	16-07-18 11:32	879.4301293	Other	NA	Electronic	1.31404	1.31426
USDCADmicro	16-07-18	13:30-13:32	1.31417	18740.65605								
USDCADmicro	16-07-18	15:30-15:32	1.31344	115398.8216								
USDCADmicro	17-07-18	09:32-11:30			1.31242	17-07-18 09:33	307.8005452	Other	NA	Electronic	1.31221	1.31242
USDCADmicro	17-07-18	11:30-11:32	1.3149	2198.575323								
USDCADmicro	17-07-18	13:32-15:30			1.31751	17-07-18 13:32	87.94301293	Other	NA	Electronic	1.31751	1.31773
USDCADmicro	17-07-18	15:30-15:32	1.31882	421282.2091								
USDCADmicro	18-07-18	09:32-11:30			1.32378	18-07-18 09:32	4397.150646	Other	NA	Electronic	1.32378	1.324



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USDCADmicro	18-07-18	11:30-11:32	1.32423	5276.580776								
USDCADmicro	18-07-18	13:30-13:32	1.32385	36716.2079								
USDCADmicro	18-07-18	15:30-15:32	1.3212	22020.93044								
USDCADmicro	19-07-18	09:30-09:32	1.32277	15592.29619								
USDCADmicro	19-07-18	11:30-11:32	1.3236	96.73731422								
USDCADmicro	19-07-18	13:30-13:32	1.3246	16709.17246								
USDCADmicro	19-07-18	15:30-15:32	1.32738	67575.41113								
USDCADmicro	20-07-18	09:30-09:32	1.32439	10007.91487								
USDCADmicro	20-07-18	11:32-13:30			1.32403	20-07-18 11:32	22073.69624	Other	NA	Electronic	1.32384	1.32404
USDCADmicro	20-07-18	13:30-13:32	1.31251	41825.69695								
USDCADmicro	20-07-18	15:30-15:32	1.31378	95796.32398								
USDCADmicro	23-07-18	09:30-09:32	1.31477	483.6865711								
USDCADmicro	23-07-18	11:30-11:32	1.31383	1758.860259								
USDCADmicro	23-07-18	13:30-13:32	1.31456	11643.65491								
USDCADmicro	23-07-18	15:30-15:32	1.31579	18468.03271								

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USDCADmicro	24-07-18	09:30-09:32	1.31738	26382.90388								
USDCADmicro	24-07-18	11:30-11:32	1.31544	10913.7279								
USDCADmicro	24-07-18	13:30-13:32	1.31619	175.8860259								
USDCADmicro	24-07-18	15:30-15:32	1.31591	4485.093659								
USDCADmicro	25-07-18	09:30-09:32	1.31308	13358.54366								
USDCADmicro	25-07-18	11:32-13:30			1.31265	25-07-18 11:33	43.97150646	Other	NA	Electronic	1.31265	1.31286
USDCADmicro	25-07-18	13:30-13:32	1.30931	16058.39416								
USDCADmicro	25-07-18	15:30-15:32	1.31174	1081.699059								
USDCADmicro	26-07-18	09:30-09:32	1.30456	87.94301293								
USDCADmicro	26-07-18	11:30-11:32	1.30449	13296.98355								
USDCADmicro	26-07-18	13:30-13:32	1.3064	28502.33049								
USDCADmicro	26-07-18	15:32-17:30			1.30691	26-07-18 15:33	3517.720517	Other	NA	Electronic	1.30691	1.30715
USDCADmicro	27-07-18	09:30-09:32	1.30652	8.794301293								
USDCADmicro	27-07-18	11:30-11:32	1.30677	43.97150646								
USDCADmicro	27-07-18	13:30-13:32	1.30701	56063.67074								

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USDCADmicro	27-07-18	15:30-15:32	1.30579	149.503122								
USDCADmicro	30-07-18	09:32-11:30			1.30594	30-07-18 09:34	87.94301293	Other	NA	Electronic	1.30594	1.30617
USDCADmicro	30-07-18	11:30-11:32	1.30446	51314.74804								
USDCADmicro	30-07-18	13:32-15:30			1.30413	30-07-18 13:32	4397.150646	Other	NA	Electronic	1.3039	1.3041
USDCADmicro	30-07-18	15:30-15:32	1.30071	14026.91056								
USDCADmicro	31-07-18	09:30-09:32	1.30403	8.794301293								
USDCADmicro	31-07-18	11:30-11:32	1.30357	167.0917246								
USDCADmicro	31-07-18	13:30-13:32	1.30384	180898.7776								
USDCADmicro	31-07-18	15:30-15:32	1.30229	175.8860259								
USDCADmicro	01-08-18	09:30-09:32	1.30273	9251.60496								
USDCADmicro	01-08-18	11:30-11:32	1.30179	8803.095594								
USDCADmicro	01-08-18	13:30-13:32	1.3007	1503.825521								
USDCADmicro	01-08-18	15:32-17:30			1.30009	01-08-18 15:33	87943.01293	Other	NA	Electronic	1.30009	1.3003
USDCADmicro	02-08-18	09:30-09:32	1.30309	3025.239645								
USDCADmicro	02-08-18	11:30-11:32	1.302	3078.005452								

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USDCADmicro	02-08-18	13:32-15:30			1.30223	02-08-18 13:42	175.8860259	Other	NA	Electronic	1.30203	1.30224
USDCADmicro	02-08-18	15:32-17:30			1.30164	02-08-18 15:32	8.794301293	Other	NA	Electronic	1.30142	1.30164
USDCADmicro	03-08-18	09:30-09:32	1.30163	518.8637763								
USDCADmicro	03-08-18	11:30-11:32	1.29858	80300.7651								
USDCADmicro	03-08-18	13:30-13:32	1.29912	17.58860259								
USDCADmicro	03-08-18	15:32-17:30			1.29692	03-08-18 15:32	263.8290388	Other	NA	Electronic	1.2968	1.29698
USDCADmicro	06-08-18	09:32-11:30			1.30101	06-08-18 09:36	8794.301293	Other	NA	Electronic	1.3008	1.30101
USDCADmicro	06-08-18	11:30-11:32	1.30249	949.7845396								
USDCADmicro	06-08-18	13:30-13:32	1.30278	5461.261103								
USDCADmicro	06-08-18	15:30-15:32	1.30013	1547.797028								
USDCADmicro	07-08-18	09:32-11:30			1.29712	07-08-18 09:32	87.94301293	Other	NA	Electronic	1.29689	1.29712
USDCADmicro	07-08-18	11:32-13:30			1.29731	07-08-18 11:32	879.4301293	Other	NA	Electronic	1.29708	1.2973
USDCADmicro	07-08-18	13:30-13:32	1.29908	15091.02102								
USDCADmicro	07-08-18	15:30-15:32	1.30184	87.94301293								
USDCADmicro	08-08-18	09:32-11:30			1.30803	08-08-18 09:33	1758.860259	Other	NA	Electronic	1.30782	1.30803

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USDCADmicro	08-08-18	11:30-11:32	1.30834	114.3259168								
USDCADmicro	08-08-18	13:30-13:32	1.3059	853.0472254								
USDCADmicro	08-08-18	15:32-17:30			1.30652	08-08-18 15:36	17.58860259	Other	NA	Electronic	1.30652	1.30677
USDCADmicro	09-08-18	09:30-09:32	1.30173	1855.597573								
USDCADmicro	09-08-18	11:30-11:32	1.30354	316.5948465								
USDCADmicro	09-08-18	13:30-13:32	1.30204	615.6010905								
USDCADmicro	09-08-18	15:32-17:30			1.30377	09-08-18 15:40	87.94301293	Other	NA	Electronic	1.30356	1.30377
USDCADmicro	10-08-18	09:30-09:32	1.31027	8.794301293								
USDCADmicro	10-08-18	11:30-11:32	1.30987	2928.50233								
USDCADmicro	10-08-18	13:30-13:32	1.30953	290.2119427								
USDCADmicro	10-08-18	15:32-17:30			1.31008	10-08-18 15:32	255.0347375	Other	NA	Electronic	1.31008	1.31029
USDCADmicro	13-08-18	09:30-09:32	1.31492	52.76580776								
USDCADmicro	13-08-18	11:30-11:32	1.31616	1231.202181								
USDCADmicro	13-08-18	13:32-15:30			1.3133	13-08-18 13:34	87.94301293	Other	NA	Electronic	1.3133	1.31351
USDCADmicro	13-08-18	15:30-15:32	1.31238	2981.268138								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCADmicro	14-08-18	09:32-11:30			1.30991	14-08-18 09:35	369.3606543	Other	NA	Electronic	1.30969	1.30991
USDCADmicro	14-08-18	11:32-13:30			1.30865	14-08-18 11:32	1758.860259	Other	NA	Electronic	1.30865	1.30886
USDCADmicro	14-08-18	13:32-15:30			1.30822	14-08-18 13:33	1758.860259	Other	NA	Electronic	1.30802	1.30822
USDCADmicro	14-08-18	15:30-15:32	1.31024	175.8860259								
USDCADmicro	15-08-18	09:32-11:30			1.30827	15-08-18 09:35	1758.860259	Other	NA	Electronic	1.30805	1.30827
USDCADmicro	15-08-18	11:30-11:32	1.31113	4907.220121								
USDCADmicro	15-08-18	13:30-13:32	1.31171	87.94301293								
USDCADmicro	15-08-18	15:30-15:32	1.31697	5487.644007								
USDCADmicro	16-08-18	09:30-09:32	1.31295	8.794301293								
USDCADmicro	16-08-18	11:30-11:32	1.3141	870.635828								
USDCADmicro	16-08-18	13:30-13:32	1.31482	7501.539003								
USDCADmicro	16-08-18	15:30-15:32	1.31408	888.2244306								
USDCADmicro	17-08-18	09:30-09:32	1.31439	17.58860259								
USDCADmicro	17-08-18	11:30-11:32	1.31535	8.794301293								
USDCADmicro	17-08-18	13:30-13:32	1.30747	5320.552282								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCADmicro	17-08-18	15:30-15:32	1.30808	4115.733005								
USDCADmicro	20-08-18	09:30-09:32	1.3073	439.7150646								
USDCADmicro	20-08-18	11:30-11:32	1.30731	958.5788409								
USDCADmicro	20-08-18	13:30-13:32	1.30695	1442.265412								
USDCADmicro	20-08-18	15:30-15:32	1.30665	175.8860259								
USDCADmicro	21-08-18	09:32-11:30			1.30303	21-08-18 09:32	439.7150646	Other	NA	Electronic	1.30282	1.30303
USDCADmicro	21-08-18	11:30-11:32	1.30142	9999.12057								
USDCADmicro	21-08-18	13:30-13:32	1.30329	1169.642072								
USDCADmicro	21-08-18	15:30-15:32	1.30514	316.5948465								
USDCADmicro	22-08-18	09:30-09:32	1.30148	791.4871163								
USDCADmicro	22-08-18	11:32-13:30			1.30124	22-08-18 11:32	879.4301293	Other	NA	Electronic	1.30124	1.30146
USDCADmicro	22-08-18	13:30-13:32	1.30248	87.94301293								
USDCADmicro	22-08-18	15:30-15:32	1.30245	19910.29813								
USDCADmicro	23-08-18	09:30-09:32	1.30435	747.5156099								
USDCADmicro	23-08-18	11:30-11:32	1.30335	12408.75912								

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USDCADmicro	23-08-18	13:30-13:32	1.3064	817.8700202								
USDCADmicro	23-08-18	15:30-15:32	1.30502	35414.65131								
USDCADmicro	24-08-18	09:30-09:32	1.30862	17.58860259								
USDCADmicro	24-08-18	11:30-11:32	1.30681	88057.33884								
USDCADmicro	24-08-18	13:32-15:30			1.30519	24-08-18 13:32	879.4301293	Other	NA	Electronic	1.30519	1.30541
USDCADmicro	24-08-18	15:30-15:32	1.30377	17.58860259								
USDCADmicro	27-08-18	09:32-11:30			1.30266	27-08-18 09:40	8.794301293	Other	NA	Electronic	1.30244	1.30266
USDCADmicro	27-08-18	11:30-11:32	1.30521	3790.343857								
USDCADmicro	27-08-18	13:30-13:32	1.30344	87.94301293								
USDCADmicro	27-08-18	15:30-15:32	1.29829	457.3036672								
USDCADmicro	28-08-18	09:30-09:32	1.29456	1407.088207								
USDCADmicro	28-08-18	11:30-11:32	1.29381	1319.145194								
USDCADmicro	28-08-18	13:30-13:32	1.28979	10447.62994								
USDCADmicro	28-08-18	15:30-15:32	1.29191	35.17720517								
USDCADmicro	29-08-18	09:30-09:32	1.29296	439.7150646								



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USDCADmicro	29-08-18	11:30-11:32	1.29409	2251.341131								
USDCADmicro	29-08-18	13:30-13:32	1.29249	87943.01293								
USDCADmicro	29-08-18	15:30-15:32	1.29488	131.9145194								
USDCADmicro	30-08-18	09:30-09:32	1.2934	184768.2702								
USDCADmicro	30-08-18	11:30-11:32	1.29301	5039.134641								
USDCADmicro	30-08-18	13:30-13:32	1.29825	22126.46205								
USDCADmicro	30-08-18	15:30-15:32	1.29872	5980.124879								
USDCADmicro	31-08-18	09:30-09:32	1.30158	175.8860259								
USDCADmicro	31-08-18	11:32-13:30			1.30128	31-08-18 11:50	439.7150646	Other	NA	Electronic	1.30103	1.30128
USDCADmicro	31-08-18	13:30-13:32	1.30586	2128.220913								
USDCADmicro	31-08-18	15:30-15:32	1.30798	694.7498021								
USDCADmicro	03-09-18	09:30-09:32	1.30507	87.94301293								
USDCADmicro	03-09-18	11:30-11:32	1.30607	1495.03122								
USDCADmicro	03-09-18	13:30-13:32	1.3064	765.1042125								
USDCADmicro	03-09-18	15:30-15:32	1.30876	9225.222056								

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USDCADmicro	04-09-18	09:30-09:32	1.31487	34860.61032								
USDCADmicro	04-09-18	11:32-13:30			1.31526	04-09-18 11:33	439.7150646	Other	NA	Electronic	1.31526	1.31548
USDCADmicro	04-09-18	13:30-13:32	1.3188	6270.336822								
USDCADmicro	04-09-18	15:30-15:32	1.31897	923.4016357								
USDCADmicro	05-09-18	09:32-11:30			1.31871	05-09-18 09:32	439.7150646	Other	NA	Electronic	1.3185	1.31871
USDCADmicro	05-09-18	11:30-11:32	1.31732	325.3891478								
USDCADmicro	05-09-18	13:30-13:32	1.31696	19839.94372								
USDCADmicro	05-09-18	15:30-15:32	1.31978	2172.192419								
USDCADmicro	06-09-18	09:30-09:32	1.31711	448.5093659								
USDCADmicro	06-09-18	11:30-11:32	1.31831	1108.081963								
USDCADmicro	06-09-18	13:32-15:30			1.31876	06-09-18 13:33	17720.5171	Other	NA	Electronic	1.31876	1.31898
USDCADmicro	06-09-18	15:30-15:32	1.32142	3605.66353								
USDCADmicro	07-09-18	09:32-11:30			1.31326	07-09-18 09:34	404.5378595	Other	NA	Electronic	1.31326	1.31346
USDCADmicro	07-09-18	11:32-13:30			1.31293	07-09-18 11:32	87.94301293	Other	NA	Electronic	1.31272	1.31293
USDCADmicro	07-09-18	13:30-13:32	1.31553	1415.882508								

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USDCADmicro	07-09-18	15:30-15:32	1.31633	466.0979685								
USDCADmicro	10-09-18	09:32-11:30			1.31674	10-09-18 09:33	35.17720517	Other	NA	Electronic	1.31674	1.31695
USDCADmicro	10-09-18	11:32-13:30			1.31835	10-09-18 11:32	879.4301293	Other	NA	Electronic	1.31835	1.31856
USDCADmicro	10-09-18	13:30-13:32	1.31539	3763.960953								
USDCADmicro	10-09-18	15:30-15:32	1.31575	439.7150646								
USDCADmicro	11-09-18	09:30-09:32	1.31568	202.2689297								
USDCADmicro	11-09-18	11:30-11:32	1.31575	219.8575323								
USDCADmicro	11-09-18	13:30-13:32	1.31582	2286.518336								
USDCADmicro	11-09-18	15:30-15:32	1.31353	3895.875473								
USDCADmicro	12-09-18	09:30-09:32	1.30636	879.4301293								
USDCADmicro	12-09-18	11:30-11:32	1.30677	8134.728696								
USDCADmicro	12-09-18	13:30-13:32	1.30644	510.069475								
USDCADmicro	12-09-18	15:30-15:32	1.29979	1319.145194								
USDCADmicro	13-09-18	09:30-09:32	1.30104	5065.517545								
USDCADmicro	13-09-18	11:30-11:32	1.30038	8838.272799								

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USDCADmicro	13-09-18	13:30-13:32	1.29896	2295.312637								
USDCADmicro	13-09-18	15:30-15:32	1.30069	615.6010905								
USDCADmicro	14-09-18	09:30-09:32	1.30046	1055.316155								
USDCADmicro	14-09-18	11:30-11:32	1.29961	615.6010905								
USDCADmicro	14-09-18	13:30-13:32	1.302	175886.0259								
USDCADmicro	14-09-18	15:30-15:32	1.30268	8.794301293								
USDCADmicro	17-09-18	09:30-09:32	1.30298	1846.803271								
USDCADmicro	17-09-18	11:30-11:32	1.30258	3078.005452								
USDCADmicro	17-09-18	13:32-15:30			1.30138	17-09-18 13:33	43.97150646	Other	NA	Electronic	1.30116	1.30138
USDCADmicro	17-09-18	15:30-15:32	1.3031	38492.65676								
USDCADmicro	18-09-18	09:32-11:30			1.30241	18-09-18 09:32	439.7150646	Other	NA	Electronic	1.30223	1.30243
USDCADmicro	18-09-18	11:30-11:32	1.30345	554.0409814								
USDCADmicro	18-09-18	13:30-13:32	1.29975	4933.603025								
USDCADmicro	18-09-18	15:30-15:32	1.29944	176800.6332								
USDCADmicro	19-09-18	09:32-11:30			1.2949	19-09-18 09:34	8.794301293	Other	NA	Electronic	1.29468	1.2949

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USDCADmicro	19-09-18	11:30-11:32	1.29597	87.94301293								
USDCADmicro	19-09-18	13:30-13:32	1.296	2242.54683								
USDCADmicro	19-09-18	15:30-15:32	1.29506	562.8352827								
USDCADmicro	20-09-18	09:32-11:30			1.29139	20-09-18 09:33	87.94301293	Other	NA	Electronic	1.29118	1.29139
USDCADmicro	20-09-18	11:30-11:32	1.29082	8108.345792								
USDCADmicro	20-09-18	13:30-13:32	1.28905	184.6803271								
USDCADmicro	20-09-18	15:30-15:32	1.29212	42326.97212								
USDCADmicro	21-09-18	09:30-09:32	1.29073	114.3259168								
USDCADmicro	21-09-18	11:30-11:32	1.29124	439.7150646								
USDCADmicro	21-09-18	13:30-13:32	1.2921	99481.13622								
USDCADmicro	21-09-18	15:30-15:32	1.29189	527.6580776								
USDCADmicro	24-09-18	09:32-11:30			1.29391	24-09-18 09:33	4397.150646	Other	NA	Electronic	1.29368	1.29391
USDCADmicro	24-09-18	11:30-11:32	1.29435	13217.83484								
USDCADmicro	24-09-18	13:30-13:32	1.29132	8776.71269								
USDCADmicro	24-09-18	15:30-15:32	1.29353	2532.758772								

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USDCADmicro	25-09-18	09:30-09:32	1.29617	26.38290388								
USDCADmicro	25-09-18	11:30-11:32	1.29667	158.2974233								
USDCADmicro	25-09-18	13:30-13:32	1.29485	149.503122								
USDCADmicro	25-09-18	15:30-15:32	1.29406	14422.65412								
USDCADmicro	26-09-18	09:32-11:30			1.29531	26-09-18 09:38	149.503122	Other	NA	Electronic	1.2951	1.29531
USDCADmicro	26-09-18	11:30-11:32	1.29579	2242.54683								
USDCADmicro	26-09-18	13:30-13:32	1.29639	4608.213877								
USDCADmicro	26-09-18	15:32-17:30			1.2964	26-09-18 15:32	879.4301293	Other	NA	Electronic	1.29619	1.2964
USDCADmicro	27-09-18	09:30-09:32	1.30561	2893.325125								
USDCADmicro	27-09-18	11:30-11:32	1.30635	8.794301293								
USDCADmicro	27-09-18	13:30-13:32	1.3064	1838.00897								
USDCADmicro	27-09-18	15:30-15:32	1.30498	46820.86008								
USDCADmicro	28-09-18	09:30-09:32	1.30184	17.58860259								
USDCADmicro	28-09-18	11:30-11:32	1.30131	993.7560461								
USDCADmicro	28-09-18	13:32-15:30			1.29802	28-09-18 13:32	175.8860259	Other	NA	Electronic	1.29781	1.29802

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USDCADmicro	28-09-18	15:30-15:32	1.29264	5777.855949								
USDCADmini	02-07-18	13:32-15:30			1.32125	02-07-18 15:14	879.4301293	Other	NA	Electronic	1.32125	1.32144
USDCADmini	02-07-18	15:32-17:30			1.3218	02-07-18 16:13	351.7720517	Other	NA	Electronic	1.3218	1.32201
USDCADmini	03-07-18	09:32-11:30			1.3137	03-07-18 10:09	351.7720517	Other	NA	Electronic	1.31348	1.3137
USDCADmini	06-07-18	11:32-13:30			1.31021	06-07-18 12:30	2638.290388	Other	NA	Electronic	1.30956	1.31037
USDCADmini	06-07-18	15:32-17:30			1.30803	06-07-18 15:33	351.7720517	Other	NA	Electronic	1.30776	1.30794
USDCADmini	11-07-18	13:32-15:30			1.31068	11-07-18 14:00	615.6010905	Other	NA	Electronic	1.31036	1.31068
USDCADmini	11-07-18	15:32-17:30			1.31754	11-07-18 17:15	879.4301293	Other	NA	Electronic	1.3176	1.31782
USDCADmini	16-07-18	13:32-15:30			1.3131	16-07-18 13:48	351.7720517	Other	NA	Electronic	1.31289	1.3131
USDCADmini	17-07-18	15:32-17:30			1.32118	17-07-18 16:34	351.7720517	Other	NA	Electronic	1.32118	1.32138
USDCADmini	19-07-18	11:32-13:30			1.32478	19-07-18 12:10	351.7720517	Other	NA	Electronic	1.32478	1.32499
USDCADmini	19-07-18	13:30-13:32	1.32526	6683.668982								
USDCADmini	19-07-18	15:32-17:30			1.32762	19-07-18 16:03	1055.316155	Other	NA	Electronic	1.32762	1.32784
USDCADmini	20-07-18	11:32-13:30			1.3167	20-07-18 12:30	351.7720517	Other	NA	Electronic	1.31621	1.3167
USDCADmini	20-07-18	13:32-15:30			1.31162	20-07-18 13:59	351.7720517	Other	NA	Electronic	1.31139	1.31161

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USDCADmini	25-07-18	11:32-13:30			1.31133	25-07-18 12:53	1758.860259	Other	NA	Electronic	1.31113	1.31133
USDCADmini	25-07-18	15:32-17:30			1.30772	25-07-18 17:27	351.7720517	Other	NA	Electronic	1.30759	1.3078
USDCADmini	30-07-18	13:32-15:30			1.30216	30-07-18 13:51	879.4301293	Other	NA	Electronic	1.30196	1.30216
USDCADmini	03-08-18	13:32-15:30			1.29745	03-08-18 14:03	1495.03122	Other	NA	Electronic	1.29724	1.29745
USDCADmini	03-08-18	15:32-17:30			1.2967	03-08-18 15:32	351.7720517	Other	NA	Electronic	1.2967	1.29691
USDCADmini	07-08-18	15:32-17:30			1.30556	07-08-18 17:18	527.6580776	Other	NA	Electronic	1.30556	1.30576
USDCADmini	08-08-18	11:32-13:30			1.31149	08-08-18 12:47	527.6580776	Other	NA	Electronic	1.31149	1.31168
USDCADmini	08-08-18	15:32-17:30			1.30333	08-08-18 17:29	351.7720517	Other	NA	Electronic	1.3031	1.30333
USDCADmini	10-08-18	11:32-13:30			1.30551	10-08-18 12:30	351.7720517	Other	NA	Electronic	1.30494	1.30551
USDCADmini	10-08-18	15:32-17:30			1.31259	10-08-18 15:59	351.7720517	Other	NA	Electronic	1.31259	1.3128
USDCADmini	15-08-18	13:32-15:30			1.31636	15-08-18 14:52	351.7720517	Other	NA	Electronic	1.31636	1.31658
USDCADmini	17-08-18	11:32-13:30			1.30876	17-08-18 12:30	351.7720517	Other	NA	Electronic	1.30834	1.30876
USDCADmini	17-08-18	13:32-15:30			1.30762	17-08-18 13:35	703.5441034	Other	NA	Electronic	1.30762	1.30783
USDCADmini	27-08-18	13:32-15:30			1.30034	27-08-18 14:14	351.7720517	Other	NA	Electronic	1.30013	1.30034
USDCADmini	28-08-18	11:32-13:30			1.29348	28-08-18 11:44	879.4301293	Other	NA	Electronic	1.29326	1.29348



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USDCADmini	30-08-18	11:32-13:30			1.29684	30-08-18 12:30	351.7720517	Other	NA	Electronic	1.29673	1.29721
USDCADmini	31-08-18	11:32-13:30			1.30663	31-08-18 13:13	527.6580776	Other	NA	Electronic	1.30663	1.30683
USDCADmini	04-09-18	11:32-13:30			1.31605	04-09-18 11:40	1495.03122	Other	NA	Electronic	1.31605	1.31627
USDCADmini	06-09-18	13:32-15:30			1.3209	06-09-18 15:04	2638.290388	Other	NA	Electronic	1.3209	1.32117
USDCADmini	07-09-18	11:32-13:30			1.3167	07-09-18 12:30	351.7720517	Other	NA	Electronic	1.31687	1.31716
USDCADmini	12-09-18	13:32-15:30			1.30043	12-09-18 14:31	351.7720517	Other	NA	Electronic	1.30022	1.30043
USDCADmini	14-09-18	15:32-17:30			1.30507	14-09-18 17:03	351.7720517	Other	NA	Electronic	1.30507	1.30529
USDCADmini	20-09-18	13:32-15:30			1.28861	20-09-18 13:32	351.7720517	Other	NA	Electronic	1.28839	1.28861
USDCADmini	21-09-18	13:32-15:30			1.29319	21-09-18 13:37	351.7720517	Other	NA	Electronic	1.29319	1.29351
USDCADmini	26-09-18	15:32-17:30			1.29784	26-09-18 17:16	351.7720517	Other	NA	Electronic	1.29784	1.29807
USDCADmini	27-09-18	11:32-13:30			1.30674	27-09-18 12:01	351.7720517	Other	NA	Electronic	1.30674	1.30695
USDCADmini	27-09-18	15:32-17:30			1.30226	27-09-18 16:15	351.7720517	Other	NA	Electronic	1.30206	1.30226
USDCADmini	28-09-18	11:32-13:30			1.29918	28-09-18 12:26	351.7720517	Other	NA	Electronic	1.29896	1.29918
USDCADmini	28-09-18	13:32-15:30			1.29287	28-09-18 14:58	527.6580776	Other	NA	Electronic	1.29264	1.29287
USDCHF	02-07-18	09:32-11:30			0.9925	02-07-18 09:37	879.4301293	Other	NA	Electronic	0.9925	0.9927

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	02-07-18	11:30-11:32	0.99331	1758.860259								
USDCHE	02-07-18	13:30-13:32	0.99555	10553.16155								
USDCHE	02-07-18	15:30-15:32	0.99531	87943.01293								
USDCHE	03-07-18	09:30-09:32	0.99286	24624.04362								
USDCHE	03-07-18	11:32-13:30			0.99351	03-07-18 11:32	879.4301293	Other	NA	Electronic	0.99351	0.99373
USDCHE	03-07-18	13:32-15:30			0.99315	03-07-18 13:35	879.4301293	Other	NA	Electronic	0.99293	0.99315
USDCHE	03-07-18	15:32-17:30			0.99213	03-07-18 15:35	131914.5194	Other	NA	Electronic	0.99213	0.99236
USDCHE	04-07-18	09:30-09:32	0.99315	1758.860259								
USDCHE	04-07-18	11:30-11:32	0.99308	8794.301293								
USDCHE	04-07-18	13:32-15:30			0.99269	04-07-18 13:34	879.4301293	Other	NA	Electronic	0.99249	0.99269
USDCHE	04-07-18	15:32-17:30			0.99393	04-07-18 15:32	4397.150646	Other	NA	Electronic	0.99373	0.99393
USDCHE	05-07-18	09:30-09:32	0.99322	879.4301293								
USDCHE	05-07-18	11:32-13:30			0.99185	05-07-18 11:44	17588.60259	Other	NA	Electronic	0.99163	0.99185
USDCHE	05-07-18	13:30-13:32	0.99298	19347.46284								
USDCHE	05-07-18	15:30-15:32	0.99245	2638.290388								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	06-07-18	09:30-09:32	0.99265	4397.150646								
USDCHF	06-07-18	11:32-13:30			0.99242	06-07-18 11:48	12312.02181	Other	NA	Electronic	0.99242	0.99263
USDCHF	06-07-18	13:32-15:30			0.9894	06-07-18 13:32	1758.860259	Other	NA	Electronic	0.98919	0.9894
USDCHF	06-07-18	15:32-17:30			0.98949	06-07-18 15:34	1758.860259	Other	NA	Electronic	0.98927	0.98949
USDCHF	09-07-18	09:30-09:32	0.98766	7035.441034								
USDCHF	09-07-18	11:32-13:30			0.98779	09-07-18 11:33	879.4301293	Other	NA	Electronic	0.98779	0.98801
USDCHF	09-07-18	13:30-13:32	0.98891	158297.4233								
USDCHF	09-07-18	15:30-15:32	0.99128	88822.44306								
USDCHF	10-07-18	09:30-09:32	0.99327	879.4301293								
USDCHF	10-07-18	11:30-11:32	0.99484	26382.90388								
USDCHF	10-07-18	13:32-15:30			0.99377	10-07-18 13:32	8794.301293	Other	NA	Electronic	0.99377	0.994
USDCHF	10-07-18	15:30-15:32	0.99261	58042.38853								
USDCHF	11-07-18	09:30-09:32	0.9944	16709.17246								
USDCHF	11-07-18	11:30-11:32	0.99418	4397.150646								
USDCHF	11-07-18	13:30-13:32	0.99093	20226.89297								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	11-07-18	15:30-15:32	0.99375	10553.16155								
USDCHF	12-07-18	09:30-09:32	0.99701	2638.290388								
USDCHF	12-07-18	11:30-11:32	0.99882	64198.39944								
USDCHF	12-07-18	13:30-13:32	1.00091	129276.229								
USDCHF	12-07-18	15:30-15:32	1.00117	18468.03271								
USDCHF	13-07-18	09:30-09:32	1.0042	61560.10905								
USDCHF	13-07-18	11:30-11:32	1.00628	3517.720517								
USDCHF	13-07-18	13:30-13:32	1.00512	26382.90388								
USDCHF	13-07-18	15:30-15:32	1.00295	4397.150646								
USDCHF	16-07-18	09:30-09:32	0.99952	47489.22698								
USDCHF	16-07-18	11:30-11:32	0.99725	264708.4689								
USDCHF	16-07-18	13:30-13:32	0.99839	13191.45194								
USDCHF	16-07-18	15:30-15:32	0.99786	120481.9277								
USDCHF	17-07-18	09:30-09:32	0.99496	530296.368								
USDCHF	17-07-18	11:30-11:32	0.99509	9673.731422								

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USDCHF	17-07-18	13:30-13:32	0.99583	14950.3122								
USDCHF	17-07-18	15:30-15:32	0.99759	52765.80776								
USDCHF	18-07-18	09:30-09:32	1.0012	11432.59168								
USDCHF	18-07-18	11:32-13:30			0.99989	18-07-18 11:32	8794.301293	Other	NA	Electronic	0.99989	1.00012
USDCHF	18-07-18	13:30-13:32	0.99966	879.4301293								
USDCHF	18-07-18	15:30-15:32	0.99959	11432.59168								
USDCHF	19-07-18	09:30-09:32	1.00208	25503.47375								
USDCHF	19-07-18	11:30-11:32	1.00193	98496.17448								
USDCHF	19-07-18	13:30-13:32	1.00269	14950.3122								
USDCHF	19-07-18	15:30-15:32	1.00184	4397.150646								
USDCHF	20-07-18	09:30-09:32	0.99852	1758.860259								
USDCHF	20-07-18	11:32-13:30			0.99769	20-07-18 11:35	879.4301293	Other	NA	Electronic	0.99769	0.99791
USDCHF	20-07-18	13:30-13:32	0.9943	52765.80776								
USDCHF	20-07-18	15:30-15:32	0.99537	879.4301293								
USDCHF	23-07-18	09:30-09:32	0.99228	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	23-07-18	11:30-11:32	0.99109	15829.74233								
USDCHE	23-07-18	13:30-13:32	0.99136	3517.720517								
USDCHE	23-07-18	15:32-17:30			0.99247	23-07-18 15:36	4397.150646	Other	NA	Electronic	0.99247	0.9927
USDCHE	24-07-18	09:32-11:30			0.99438	24-07-18 09:34	879.4301293	Other	NA	Electronic	0.99416	0.99438
USDCHE	24-07-18	11:30-11:32	0.99282	54524.66802								
USDCHE	24-07-18	13:30-13:32	0.9943	2638.290388								
USDCHE	24-07-18	15:32-17:30			0.99336	24-07-18 15:35	879.4301293	Other	NA	Electronic	0.99336	0.99358
USDCHE	25-07-18	09:30-09:32	0.99155	34297.77504								
USDCHE	25-07-18	11:30-11:32	0.992	5276.580776								
USDCHE	25-07-18	13:30-13:32	0.99183	1758.860259								
USDCHE	25-07-18	15:32-17:30			0.99455	25-07-18 15:33	879.4301293	Other	NA	Electronic	0.99433	0.99455
USDCHE	26-07-18	09:30-09:32	0.99307	1758.860259								
USDCHE	26-07-18	11:32-13:30			0.99248	26-07-18 11:33	3517.720517	Other	NA	Electronic	0.99226	0.99248
USDCHE	26-07-18	13:30-13:32	0.99388	47489.22698								
USDCHE	26-07-18	15:30-15:32	0.99328	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	27-07-18	09:32-11:30			0.9965	27-07-18 09:34	879.4301293	Other	NA	Electronic	0.9965	0.99674
USDCHF	27-07-18	11:32-13:30			0.99684	27-07-18 11:33	879.4301293	Other	NA	Electronic	0.99684	0.99705
USDCHF	27-07-18	13:30-13:32	0.99568	1758.860259								
USDCHF	27-07-18	15:30-15:32	0.99448	879.4301293								
USDCHF	30-07-18	09:30-09:32	0.99245	7914.871163								
USDCHF	30-07-18	11:30-11:32	0.99246	8794.301293								
USDCHF	30-07-18	13:30-13:32	0.99141	879.4301293								
USDCHF	30-07-18	15:32-17:30			0.98867	30-07-18 15:32	2638.290388	Other	NA	Electronic	0.98847	0.98867
USDCHF	31-07-18	09:30-09:32	0.98806	18468.03271								
USDCHF	31-07-18	11:30-11:32	0.98785	19347.46284								
USDCHF	31-07-18	13:30-13:32	0.98948	159176.8534								
USDCHF	31-07-18	15:30-15:32	0.98956	1758.860259								
USDCHF	01-08-18	09:30-09:32	0.99184	879.4301293								
USDCHF	01-08-18	11:30-11:32	0.99096	19347.46284								
USDCHF	01-08-18	13:32-15:30			0.99208	01-08-18 13:33	43971.50646	Other	NA	Electronic	0.99186	0.99208

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	01-08-18	15:30-15:32	0.99255	5276.580776								
USDCHF	02-08-18	09:30-09:32	0.99465	879.4301293								
USDCHF	02-08-18	11:30-11:32	0.99418	879.4301293								
USDCHF	02-08-18	13:30-13:32	0.99372	5276.580776								
USDCHF	02-08-18	15:32-17:30			0.99414	02-08-18 15:33	4397.150646	Other	NA	Electronic	0.99414	0.99436
USDCHF	03-08-18	09:32-11:30			0.99501	03-08-18 09:34	879.4301293	Other	NA	Electronic	0.99501	0.99521
USDCHF	03-08-18	11:30-11:32	0.99363	29900.6244								
USDCHF	03-08-18	13:32-15:30			0.99544	03-08-18 13:32	4397.150646	Other	NA	Electronic	0.99522	0.99544
USDCHF	03-08-18	15:32-17:30			0.99255	03-08-18 15:36	17588.60259	Other	NA	Electronic	0.99234	0.99255
USDCHF	06-08-18	09:30-09:32	0.99561	879.4301293								
USDCHF	06-08-18	11:32-13:30			0.99782	06-08-18 11:32	8794.301293	Other	NA	Electronic	0.99782	0.99805
USDCHF	06-08-18	13:30-13:32	0.99794	879.4301293								
USDCHF	06-08-18	15:30-15:32	0.9963	1758.860259								
USDCHF	07-08-18	09:30-09:32	0.9955	879.4301293								
USDCHF	07-08-18	11:32-13:30			0.99435	07-08-18 11:45	8794.301293	Other	NA	Electronic	0.99435	0.99456



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USDCHF	07-08-18	13:30-13:32	0.99448	3517.720517								
USDCHF	07-08-18	15:32-17:30			0.99478	07-08-18 16:11	17588.60259	Other	NA	Electronic	0.99456	0.99479
USDCHF	08-08-18	09:30-09:32	0.99573	2638.290388								
USDCHF	08-08-18	11:32-13:30			0.99655	08-08-18 11:50	12312.02181	Other	NA	Electronic	0.99632	0.99655
USDCHF	08-08-18	13:30-13:32	0.9958	44850.93659								
USDCHF	08-08-18	15:32-17:30			0.99453	08-08-18 15:42	879.4301293	Other	NA	Electronic	0.99427	0.99453
USDCHF	09-08-18	09:30-09:32	0.99372	53645.23789								
USDCHF	09-08-18	11:32-13:30			0.9931	09-08-18 11:37	879.4301293	Other	NA	Electronic	0.9931	0.99333
USDCHF	09-08-18	13:30-13:32	0.9922	879.4301293								
USDCHF	09-08-18	15:30-15:32	0.99002	879.4301293								
USDCHF	10-08-18	09:32-11:30			0.99416	10-08-18 09:32	879.4301293	Other	NA	Electronic	0.99393	0.99416
USDCHF	10-08-18	11:30-11:32	0.99469	879.4301293								
USDCHF	10-08-18	13:30-13:32	0.99348	18468.03271								
USDCHF	10-08-18	15:30-15:32	0.99403	879.4301293								
USDCHF	13-08-18	09:32-11:30			0.9948	13-08-18 09:35	1758.860259	Other	NA	Electronic	0.9948	0.99502

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	13-08-18	11:32-13:30			0.9945	13-08-18 11:37	879.4301293	Other	NA	Electronic	0.9945	0.99472
USDCHF	13-08-18	13:30-13:32	0.99368	879.4301293								
USDCHF	13-08-18	15:32-17:30			0.99349	13-08-18 15:33	3517.720517	Other	NA	Electronic	0.99326	0.99349
USDCHF	14-08-18	09:30-09:32	0.99187	879.4301293								
USDCHF	14-08-18	11:30-11:32	0.99068	1758.860259								
USDCHF	14-08-18	13:32-15:30			0.99138	14-08-18 13:35	2638.290388	Other	NA	Electronic	0.99115	0.99138
USDCHF	14-08-18	15:30-15:32	0.99261	7035.441034								
USDCHF	15-08-18	09:30-09:32	0.99742	35177.20517								
USDCHF	15-08-18	11:30-11:32	0.99726	11432.59168								
USDCHF	15-08-18	13:32-15:30			0.99683	15-08-18 13:46	879.4301293	Other	NA	Electronic	0.99683	0.99707
USDCHF	15-08-18	15:32-17:30			0.99483	15-08-18 15:32	879.4301293	Other	NA	Electronic	0.99459	0.99483
USDCHF	16-08-18	09:32-11:30			0.99342	16-08-18 09:36	879.4301293	Other	NA	Electronic	0.99321	0.99344
USDCHF	16-08-18	11:32-13:30			0.99391	16-08-18 12:04	879.4301293	Other	NA	Electronic	0.99391	0.99413
USDCHF	16-08-18	13:32-15:30			0.99327	16-08-18 13:47	879.4301293	Other	NA	Electronic	0.99327	0.99349
USDCHF	16-08-18	15:30-15:32	0.99517	3517.720517								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	17-08-18	09:32-11:30			0.99597	17-08-18 09:35	879.4301293	Other	NA	Electronic	0.99597	0.99618
USDCHF	17-08-18	11:32-13:30			0.99554	17-08-18 11:46	3517.720517	Other	NA	Electronic	0.99554	0.99576
USDCHF	17-08-18	13:32-15:30			0.99483	17-08-18 13:36	879.4301293	Other	NA	Electronic	0.99483	0.99505
USDCHF	17-08-18	15:30-15:32	0.9942	25503.47375								
USDCHF	20-08-18	09:32-11:30			0.99612	20-08-18 09:50	879.4301293	Other	NA	Electronic	0.99613	0.99635
USDCHF	20-08-18	11:30-11:32	0.99547	879.4301293								
USDCHF	20-08-18	13:30-13:32	0.99369	5276.580776								
USDCHF	20-08-18	15:32-17:30			0.99449	20-08-18 15:32	879.4301293	Other	NA	Electronic	0.99449	0.99472
USDCHF	21-08-18	09:30-09:32	0.98738	879.4301293								
USDCHF	21-08-18	11:30-11:32	0.98724	9673.731422								
USDCHF	21-08-18	13:30-13:32	0.9867	1758.860259								
USDCHF	21-08-18	15:30-15:32	0.98793	2638.290388								
USDCHF	22-08-18	09:30-09:32	0.98312	3517.720517								
USDCHF	22-08-18	11:30-11:32	0.98193	263829.0388								
USDCHF	22-08-18	13:30-13:32	0.98181	1758.860259								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	22-08-18	15:30-15:32	0.98335	11432.59168								
USDCHF	23-08-18	09:32-11:30			0.98377	23-08-18 09:35	879.4301293	Other	NA	Electronic	0.98377	0.98398
USDCHF	23-08-18	11:32-13:30			0.98302	23-08-18 11:40	879.4301293	Other	NA	Electronic	0.9828	0.98302
USDCHF	23-08-18	13:30-13:32	0.98479	1758.860259								
USDCHF	23-08-18	15:32-17:30			0.98425	23-08-18 15:32	879.4301293	Other	NA	Electronic	0.98425	0.98448
USDCHF	24-08-18	09:30-09:32	0.98467	1758.860259								
USDCHF	24-08-18	11:30-11:32	0.98402	879.4301293								
USDCHF	24-08-18	13:30-13:32	0.9836	1758.860259								
USDCHF	24-08-18	15:30-15:32	0.98304	879.4301293								
USDCHF	27-08-18	09:32-11:30			0.98316	27-08-18 09:38	1758.860259	Other	NA	Electronic	0.98293	0.98316
USDCHF	27-08-18	11:32-13:30			0.98303	27-08-18 11:34	4397.150646	Other	NA	Electronic	0.9828	0.98303
USDCHF	27-08-18	13:30-13:32	0.9818	14950.3122								
USDCHF	27-08-18	15:32-17:30			0.98024	27-08-18 15:32	4397.150646	Other	NA	Electronic	0.98024	0.98047
USDCHF	28-08-18	09:30-09:32	0.97664	2638.290388								
USDCHF	28-08-18	11:32-13:30			0.97641	28-08-18 11:41	879.4301293	Other	NA	Electronic	0.97641	0.97664

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	28-08-18	13:32-15:30			0.97575	28-08-18 13:32	87943.01293	Other	NA	Electronic	0.97553	0.97575
USDCHF	28-08-18	15:32-17:30			0.97618	28-08-18 15:32	879.4301293	Other	NA	Electronic	0.97597	0.97618
USDCHF	29-08-18	09:30-09:32	0.9769	879.4301293								
USDCHF	29-08-18	11:32-13:30			0.9765	29-08-18 11:40	879.4301293	Other	NA	Electronic	0.9765	0.97672
USDCHF	29-08-18	13:30-13:32	0.97361	9673.731422								
USDCHF	29-08-18	15:32-17:30			0.97263	29-08-18 15:41	131914.5194	Other	NA	Electronic	0.97263	0.97284
USDCHF	30-08-18	09:32-11:30			0.96987	30-08-18 09:33	1758.860259	Other	NA	Electronic	0.96987	0.97009
USDCHF	30-08-18	11:32-13:30			0.97037	30-08-18 11:42	879.4301293	Other	NA	Electronic	0.97038	0.97061
USDCHF	30-08-18	13:30-13:32	0.97141	14070.88207								
USDCHF	30-08-18	15:32-17:30			0.97071	30-08-18 15:35	6156.010905	Other	NA	Electronic	0.97071	0.97093
USDCHF	31-08-18	09:32-11:30			0.96724	31-08-18 09:32	879.4301293	Other	NA	Electronic	0.96701	0.96724
USDCHF	31-08-18	11:30-11:32	0.96795	1758.860259								
USDCHF	31-08-18	13:32-15:30			0.96864	31-08-18 13:39	131914.5194	Other	NA	Electronic	0.96864	0.96887
USDCHF	31-08-18	15:32-17:30			0.96953	31-08-18 15:33	17588.60259	Other	NA	Electronic	0.96953	0.96976
USDCHF	03-09-18	09:30-09:32	0.97051	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	03-09-18	11:30-11:32	0.96987	1758.860259								
USDCHF	03-09-18	13:30-13:32	0.96968	879.4301293								
USDCHF	03-09-18	15:32-17:30			0.969	03-09-18 15:38	17588.60259	Other	NA	Electronic	0.96877	0.969
USDCHF	04-09-18	09:30-09:32	0.97368	7035.441034								
USDCHF	04-09-18	11:32-13:30			0.97402	04-09-18 11:34	879.4301293	Other	NA	Electronic	0.9738	0.97402
USDCHF	04-09-18	13:30-13:32	0.97471	5276.580776								
USDCHF	04-09-18	15:30-15:32	0.97606	1758.860259								
USDCHF	05-09-18	09:32-11:30			0.97438	05-09-18 09:40	8794.301293	Other	NA	Electronic	0.97416	0.97438
USDCHF	05-09-18	11:32-13:30			0.97408	05-09-18 11:40	3517.720517	Other	NA	Electronic	0.97408	0.97431
USDCHF	05-09-18	13:30-13:32	0.97242	6156.010905								
USDCHF	05-09-18	15:32-17:30			0.9715	05-09-18 15:33	3517.720517	Other	NA	Electronic	0.9715	0.97172
USDCHF	06-09-18	09:30-09:32	0.96992	12312.02181								
USDCHF	06-09-18	11:32-13:30			0.96972	06-09-18 11:45	879.4301293	Other	NA	Electronic	0.96948	0.96972
USDCHF	06-09-18	13:30-13:32	0.96859	2638.290388								
USDCHF	06-09-18	15:30-15:32	0.96852	1758.860259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	07-09-18	09:30-09:32	0.96522	879.4301293								
USDCHF	07-09-18	11:32-13:30			0.96597	07-09-18 11:33	61560.10905	Other	NA	Electronic	0.96597	0.96619
USDCHF	07-09-18	13:32-15:30			0.96696	07-09-18 13:32	8794.301293	Other	NA	Electronic	0.96696	0.96718
USDCHF	07-09-18	15:30-15:32	0.96796	879.4301293								
USDCHF	10-09-18	09:30-09:32	0.97196	36056.6353								
USDCHF	10-09-18	11:30-11:32	0.97423	4397.150646								
USDCHF	10-09-18	13:32-15:30			0.97341	10-09-18 13:34	879.4301293	Other	NA	Electronic	0.97318	0.9734
USDCHF	10-09-18	15:32-17:30			0.97372	10-09-18 15:33	7035.441034	Other	NA	Electronic	0.97372	0.97394
USDCHF	11-09-18	09:32-11:30			0.97405	11-09-18 09:36	8794.301293	Other	NA	Electronic	0.97405	0.97427
USDCHF	11-09-18	11:30-11:32	0.97375	2638.290388								
USDCHF	11-09-18	13:32-15:30			0.97428	11-09-18 13:32	8794.301293	Other	NA	Electronic	0.97406	0.97428
USDCHF	11-09-18	15:32-17:30			0.9741	11-09-18 15:45	879.4301293	Other	NA	Electronic	0.97387	0.9741
USDCHF	12-09-18	09:30-09:32	0.97355	879.4301293								
USDCHF	12-09-18	11:32-13:30			0.97387	12-09-18 11:40	879.4301293	Other	NA	Electronic	0.97366	0.97387
USDCHF	12-09-18	13:32-15:30			0.97307	12-09-18 13:32	1758.860259	Other	NA	Electronic	0.97285	0.97307

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	12-09-18	15:30-15:32	0.97099	2638.290388								
USDCHF	13-09-18	09:32-11:30			0.97014	13-09-18 09:33	21985.75323	Other	NA	Electronic	0.97014	0.97036
USDCHF	13-09-18	11:32-13:30			0.96908	13-09-18 11:34	40453.78595	Other	NA	Electronic	0.96909	0.9693
USDCHF	13-09-18	13:30-13:32	0.9659	8794.301293								
USDCHF	13-09-18	15:30-15:32	0.96776	5276.580776								
USDCHF	14-09-18	09:32-11:30			0.96385	14-09-18 09:37	43971.50646	Other	NA	Electronic	0.96385	0.96406
USDCHF	14-09-18	11:30-11:32	0.96383	2638.290388								
USDCHF	14-09-18	13:32-15:30			0.96654	14-09-18 13:34	879.4301293	Other	NA	Electronic	0.96633	0.96654
USDCHF	14-09-18	15:30-15:32	0.96629	3517.720517								
USDCHF	17-09-18	09:30-09:32	0.96454	15829.74233								
USDCHF	17-09-18	11:30-11:32	0.96398	7035.441034								
USDCHF	17-09-18	13:32-15:30			0.96262	17-09-18 13:37	1758.860259	Other	NA	Electronic	0.96262	0.96284
USDCHF	17-09-18	15:32-17:30			0.96238	17-09-18 15:34	21985.75323	Other	NA	Electronic	0.96238	0.96259
USDCHF	18-09-18	09:32-11:30			0.96102	18-09-18 09:33	87943.01293	Other	NA	Electronic	0.9608	0.96102
USDCHF	18-09-18	11:30-11:32	0.9623	1758.860259								



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	18-09-18	13:32-15:30			0.9609	18-09-18 13:32	879.4301293	Other	NA	Electronic	0.96068	0.9609
USDCHF	18-09-18	15:30-15:32	0.96248	1758.860259								
USDCHF	19-09-18	09:30-09:32	0.96595	879.4301293								
USDCHF	19-09-18	11:30-11:32	0.96878	7035.441034								
USDCHF	19-09-18	13:30-13:32	0.9691	879.4301293								
USDCHF	19-09-18	15:32-17:30			0.96765	19-09-18 15:32	4397.150646	Other	NA	Electronic	0.96742	0.96765
USDCHF	20-09-18	09:30-09:32	0.96587	879.4301293								
USDCHF	20-09-18	11:30-11:32	0.96428	84425.29241								
USDCHF	20-09-18	13:30-13:32	0.96125	26382.90388								
USDCHF	20-09-18	15:30-15:32	0.96153	14070.88207								
USDCHF	21-09-18	09:32-11:30			0.9559	21-09-18 09:32	1758.860259	Other	NA	Electronic	0.95567	0.9559
USDCHF	21-09-18	11:32-13:30			0.95594	21-09-18 11:34	3517.720517	Other	NA	Electronic	0.95572	0.95594
USDCHF	21-09-18	13:30-13:32	0.95741	6156.010905								
USDCHF	21-09-18	15:30-15:32	0.95931	3517.720517								
USDCHF	24-09-18	09:32-11:30			0.9589	24-09-18 09:33	7035.441034	Other	NA	Electronic	0.95867	0.9589

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHF	24-09-18	11:30-11:32	0.959	4397.150646								
USDCHF	24-09-18	13:30-13:32	0.9581	2638.290388								
USDCHF	24-09-18	15:30-15:32	0.96155	2638.290388								
USDCHF	25-09-18	09:30-09:32	0.96637	7035.441034								
USDCHF	25-09-18	11:32-13:30			0.96586	25-09-18 11:32	21985.75323	Other	NA	Electronic	0.96563	0.96586
USDCHF	25-09-18	13:32-15:30			0.96557	25-09-18 13:32	4397.150646	Other	NA	Electronic	0.96557	0.96578
USDCHF	25-09-18	15:30-15:32	0.96494	1758.860259								
USDCHF	26-09-18	09:30-09:32	0.96605	7035.441034								
USDCHF	26-09-18	11:30-11:32	0.96805	51006.9475								
USDCHF	26-09-18	13:30-13:32	0.96934	879.4301293								
USDCHF	26-09-18	15:32-17:30			0.96836	26-09-18 15:37	879.4301293	Other	NA	Electronic	0.96814	0.96836
USDCHF	27-09-18	09:30-09:32	0.96895	879.4301293								
USDCHF	27-09-18	11:30-11:32	0.97169	55404.09814								
USDCHF	27-09-18	13:30-13:32	0.97431	7914.871163								
USDCHF	27-09-18	15:30-15:32	0.97695	7914.871163								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	28-09-18	09:30-09:32	0.97616	4397.150646								
USDCHE	28-09-18	11:32-13:30			0.97701	28-09-18 11:34	2638.290388	Other	NA	Electronic	0.97701	0.97724
USDCHE	28-09-18	13:32-15:30			0.97715	28-09-18 13:36	879.4301293	Other	NA	Electronic	0.97693	0.97716
USDCHE	28-09-18	15:30-15:32	0.97619	1758.860259								
USDCHE	02-07-18	09:32-11:30			0.99281	02-07-18 09:44	8794.301293	Other	NA	Electronic	0.99281	0.99283
USDCHE	02-07-18	11:32-13:30			0.99365	02-07-18 11:55	2638.290388	Other	NA	Electronic	0.99362	0.99365
USDCHE	02-07-18	13:32-15:30			0.9958	02-07-18 13:33	879.4301293	Other	NA	Electronic	0.99576	0.99579
USDCHE	02-07-18	15:32-17:30			0.9948	02-07-18 15:56	2638.290388	Other	NA	Electronic	0.99476	0.99479
USDCHE	03-07-18	09:32-11:30			0.99253	03-07-18 09:42	3517.720517	Other	NA	Electronic	0.9925	0.99253
USDCHE	03-07-18	11:32-13:30			0.99353	03-07-18 11:34	879.4301293	Other	NA	Electronic	0.9935	0.99353
USDCHE	03-07-18	13:32-15:30			0.99277	03-07-18 13:43	2638.290388	Other	NA	Electronic	0.99273	0.99277
USDCHE	03-07-18	15:32-17:30			0.99202	03-07-18 15:32	879.4301293	Other	NA	Electronic	0.99202	0.99205
USDCHE	04-07-18	09:32-11:30			0.99304	04-07-18 09:33	4397.150646	Other	NA	Electronic	0.99301	0.99304
USDCHE	04-07-18	11:32-13:30			0.99268	04-07-18 12:26	879.4301293	Other	NA	Electronic	0.99264	0.99268
USDCHE	04-07-18	13:32-15:30			0.99266	04-07-18 13:37	879.4301293	Other	NA	Electronic	0.99266	0.99269

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USDCHE	04-07-18	15:32-17:30			0.99394	04-07-18 15:47	1758.860259	Other	NA	Electronic	0.9939	0.99394
USDCHE	05-07-18	09:30-09:32	0.99339	879.4301293								
USDCHE	05-07-18	11:32-13:30			0.99191	05-07-18 11:46	879.4301293	Other	NA	Electronic	0.99191	0.99195
USDCHE	05-07-18	13:32-15:30			0.99267	05-07-18 13:37	879.4301293	Other	NA	Electronic	0.99267	0.9927
USDCHE	05-07-18	15:30-15:32	0.99224	879.4301293								
USDCHE	06-07-18	09:30-09:32	0.99274	4397.150646								
USDCHE	06-07-18	11:32-13:30			0.99225	06-07-18 12:21	879.4301293	Other	NA	Electronic	0.99223	0.99225
USDCHE	06-07-18	13:32-15:30			0.98938	06-07-18 13:34	2638.290388	Other	NA	Electronic	0.98938	0.98941
USDCHE	06-07-18	15:32-17:30			0.99031	06-07-18 15:43	8794.301293	Other	NA	Electronic	0.99029	0.99032
USDCHE	09-07-18	09:32-11:30			0.98748	09-07-18 09:39	879.4301293	Other	NA	Electronic	0.98748	0.98752
USDCHE	09-07-18	11:32-13:30			0.98791	09-07-18 11:37	879.4301293	Other	NA	Electronic	0.98788	0.98791
USDCHE	09-07-18	13:32-15:30			0.98898	09-07-18 13:37	879.4301293	Other	NA	Electronic	0.98896	0.98898
USDCHE	09-07-18	15:32-17:30			0.9915	09-07-18 15:37	8794.301293	Other	NA	Electronic	0.99147	0.9915
USDCHE	10-07-18	09:32-11:30			0.99345	10-07-18 09:46	4397.150646	Other	NA	Electronic	0.99343	0.99345
USDCHE	10-07-18	11:32-13:30			0.99476	10-07-18 11:33	13191.45194	Other	NA	Electronic	0.99476	0.99479

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	10-07-18	13:32-15:30			0.99386	10-07-18 13:33	3517.720517	Other	NA	Electronic	0.99383	0.99386
USDCHE	10-07-18	15:32-17:30			0.99263	10-07-18 15:34	8794.301293	Other	NA	Electronic	0.99261	0.99263
USDCHE	11-07-18	09:30-09:32	0.9945	9673.731422								
USDCHE	11-07-18	11:30-11:32	0.99445	8794.301293								
USDCHE	11-07-18	13:30-13:32	0.99095	13191.45194								
USDCHE	11-07-18	15:30-15:32	0.99378	879.4301293								
USDCHE	12-07-18	09:32-11:30			0.9971	12-07-18 09:33	4397.150646	Other	NA	Electronic	0.99709	0.99713
USDCHE	12-07-18	11:32-13:30			0.99867	12-07-18 11:43	879.4301293	Other	NA	Electronic	0.99867	0.9987
USDCHE	12-07-18	13:30-13:32	1.0009	7035.441034								
USDCHE	12-07-18	15:30-15:32	1.00121	3517.720517								
USDCHE	13-07-18	09:32-11:30			1.00351	13-07-18 09:57	3517.720517	Other	NA	Electronic	1.00348	1.00351
USDCHE	13-07-18	11:32-13:30			1.00632	13-07-18 11:50	4397.150646	Other	NA	Electronic	1.00632	1.00635
USDCHE	13-07-18	13:32-15:30			1.00515	13-07-18 13:39	13191.45194	Other	NA	Electronic	1.00515	1.00518
USDCHE	13-07-18	15:30-15:32	1.00296	17588.60259								
USDCHE	16-07-18	09:30-09:32	0.99958	3517.720517								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	16-07-18	11:32-13:30			0.99735	16-07-18 11:36	879.4301293	Other	NA	Electronic	0.99733	0.99735
USDCHE	16-07-18	13:32-15:30			0.99783	16-07-18 13:45	7914.871163	Other	NA	Electronic	0.99779	0.99781
USDCHE	16-07-18	15:32-17:30			0.99823	16-07-18 15:33	1758.860259	Other	NA	Electronic	0.9982	0.99823
USDCHE	17-07-18	09:32-11:30			0.99511	17-07-18 09:34	879.4301293	Other	NA	Electronic	0.99504	0.99508
USDCHE	17-07-18	11:32-13:30			0.99553	17-07-18 11:58	8794.301293	Other	NA	Electronic	0.99547	0.99551
USDCHE	17-07-18	13:30-13:32	0.99581	17588.60259								
USDCHE	17-07-18	15:32-17:30			0.99929	17-07-18 15:59	8794.301293	Other	NA	Electronic	0.99929	0.99931
USDCHE	18-07-18	09:30-09:32	1.0012	879.4301293								
USDCHE	18-07-18	11:32-13:30			1.00018	18-07-18 11:39	10553.16155	Other	NA	Electronic	1.00016	1.00018
USDCHE	18-07-18	13:30-13:32	0.99962	3517.720517								
USDCHE	18-07-18	15:32-17:30			0.99961	18-07-18 15:34	879.4301293	Other	NA	Electronic	0.99957	0.9996
USDCHE	19-07-18	09:32-11:30			1.00222	19-07-18 09:32	10553.16155	Other	NA	Electronic	1.00221	1.00225
USDCHE	19-07-18	11:30-11:32	1.00206	145985.4015								
USDCHE	19-07-18	13:32-15:30			1.00219	19-07-18 13:32	1758.860259	Other	NA	Electronic	1.0022	1.00222
USDCHE	19-07-18	15:30-15:32	1.00202	219857.5323								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHEF.	20-07-18	09:32-11:30			0.99839	20-07-18 09:35	879.4301293	Other	NA	Electronic	0.99839	0.99842
USDCHEF.	20-07-18	11:32-13:30			0.99769	20-07-18 11:36	8794.301293	Other	NA	Electronic	0.99769	0.99772
USDCHEF.	20-07-18	13:32-15:30			0.99416	20-07-18 13:35	3517.720517	Other	NA	Electronic	0.99414	0.99417
USDCHEF.	20-07-18	15:32-17:30			0.99532	20-07-18 15:33	879.4301293	Other	NA	Electronic	0.99532	0.99535
USDCHEF.	23-07-18	09:32-11:30			0.99254	23-07-18 09:35	879.4301293	Other	NA	Electronic	0.99254	0.99258
USDCHEF.	23-07-18	11:32-13:30			0.99121	23-07-18 11:37	8794.301293	Other	NA	Electronic	0.99117	0.99121
USDCHEF.	23-07-18	13:30-13:32	0.99134	879.4301293								
USDCHEF.	23-07-18	15:32-17:30			0.99198	23-07-18 15:51	8794.301293	Other	NA	Electronic	0.99198	0.99202
USDCHEF.	24-07-18	09:32-11:30			0.99396	24-07-18 09:55	879.4301293	Other	NA	Electronic	0.99396	0.994
USDCHEF.	24-07-18	11:30-11:32	0.99293	13191.45194								
USDCHEF.	24-07-18	13:32-15:30			0.99373	24-07-18 13:39	2638.290388	Other	NA	Electronic	0.99373	0.99377
USDCHEF.	24-07-18	15:32-17:30			0.99348	24-07-18 15:34	18468.03271	Other	NA	Electronic	0.99345	0.99348
USDCHEF.	25-07-18	09:32-11:30			0.9913	25-07-18 09:40	17588.60259	Other	NA	Electronic	0.99127	0.9913
USDCHEF.	25-07-18	11:32-13:30			0.99179	25-07-18 11:33	879.4301293	Other	NA	Electronic	0.99179	0.99182
USDCHEF.	25-07-18	13:32-15:30			0.99289	25-07-18 13:52	4397.150646	Other	NA	Electronic	0.99286	0.99289

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	25-07-18	15:32-17:30			0.99449	25-07-18 15:33	879.4301293	Other	NA	Electronic	0.99445	0.99448
USDCHE	26-07-18	09:32-11:30			0.99372	26-07-18 09:38	3517.720517	Other	NA	Electronic	0.99372	0.99375
USDCHE	26-07-18	11:32-13:30			0.99244	26-07-18 12:00	52765.80776	Other	NA	Electronic	0.99242	0.99244
USDCHE	26-07-18	13:30-13:32	0.99383	879.4301293								
USDCHE	26-07-18	15:32-17:30			0.99285	26-07-18 15:42	879.4301293	Other	NA	Electronic	0.99281	0.99285
USDCHE	27-07-18	09:32-11:30			0.99716	27-07-18 09:41	7035.441034	Other	NA	Electronic	0.99713	0.99715
USDCHE	27-07-18	11:32-13:30			0.99722	27-07-18 12:00	879.4301293	Other	NA	Electronic	0.99722	0.99725
USDCHE	27-07-18	13:30-13:32	0.9958	879.4301293								
USDCHE	27-07-18	15:30-15:32	0.9945	879.4301293								
USDCHE	30-07-18	09:32-11:30			0.99251	30-07-18 09:35	4397.150646	Other	NA	Electronic	0.99251	0.99254
USDCHE	30-07-18	11:32-13:30			0.99259	30-07-18 11:56	8794.301293	Other	NA	Electronic	0.99257	0.99259
USDCHE	30-07-18	13:32-15:30			0.99127	30-07-18 13:32	4397.150646	Other	NA	Electronic	0.99124	0.99127
USDCHE	30-07-18	15:32-17:30			0.98794	30-07-18 15:40	879.4301293	Other	NA	Electronic	0.98797	0.988
USDCHE	31-07-18	09:32-11:30			0.98792	31-07-18 09:35	879.4301293	Other	NA	Electronic	0.9879	0.98792
USDCHE	31-07-18	11:30-11:32	0.9878	26382.90388								



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USDCHE	31-07-18	13:32-15:30			0.98916	31-07-18 13:42	7914.871163	Other	NA	Electronic	0.98912	0.98916
USDCHE	31-07-18	15:32-17:30			0.98971	31-07-18 16:00	879.4301293	Other	NA	Electronic	0.98968	0.98971
USDCHE	01-08-18	09:30-09:32	0.99197	1758.860259								
USDCHE	01-08-18	11:32-13:30			0.99107	01-08-18 12:05	4397.150646	Other	NA	Electronic	0.99107	0.99109
USDCHE	01-08-18	13:32-15:30			0.99236	01-08-18 13:54	439715.0646	Other	NA	Electronic	0.99234	0.99236
USDCHE	01-08-18	15:30-15:32	0.99264	4397.150646								
USDCHE	02-08-18	09:32-11:30			0.99405	02-08-18 09:59	879.4301293	Other	NA	Electronic	0.99401	0.99405
USDCHE	02-08-18	11:32-13:30			0.99386	02-08-18 11:43	8794.301293	Other	NA	Electronic	0.99386	0.99389
USDCHE	02-08-18	13:30-13:32	0.99367	6156.010905								
USDCHE	02-08-18	15:30-15:32	0.99424	879.4301293								
USDCHE	03-08-18	09:32-11:30			0.99538	03-08-18 10:08	2638.290388	Other	NA	Electronic	0.99537	0.99539
USDCHE	03-08-18	11:32-13:30			0.9945	03-08-18 11:56	1758.860259	Other	NA	Electronic	0.99448	0.99451
USDCHE	03-08-18	13:32-15:30			0.99477	03-08-18 13:45	21985.75323	Other	NA	Electronic	0.99477	0.9948
USDCHE	03-08-18	15:32-17:30			0.99221	03-08-18 15:51	4397.150646	Other	NA	Electronic	0.99222	0.99224
USDCHE	06-08-18	09:32-11:30			0.99538	06-08-18 10:05	879.4301293	Other	NA	Electronic	0.99538	0.99542

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE.	06-08-18	11:32-13:30			0.99797	06-08-18 11:39	20226.89297	Other	NA	Electronic	0.99793	0.99797
USDCHE.	06-08-18	13:30-13:32	0.99775	12312.02181								
USDCHE.	06-08-18	15:30-15:32	0.9961	14070.88207								
USDCHE.	07-08-18	09:32-11:30			0.99506	07-08-18 09:43	879.4301293	Other	NA	Electronic	0.99503	0.99506
USDCHE.	07-08-18	11:30-11:32	0.99456	1758.860259								
USDCHE.	07-08-18	13:32-15:30			0.99447	07-08-18 13:32	879.4301293	Other	NA	Electronic	0.99443	0.99447
USDCHE.	07-08-18	15:32-17:30			0.99497	07-08-18 15:36	1758.860259	Other	NA	Electronic	0.99493	0.99497
USDCHE.	08-08-18	09:32-11:30			0.99588	08-08-18 09:33	3517.720517	Other	NA	Electronic	0.99585	0.99589
USDCHE.	08-08-18	11:32-13:30			0.99604	08-08-18 11:40	4397.150646	Other	NA	Electronic	0.99601	0.99604
USDCHE.	08-08-18	13:30-13:32	0.99577	1758.860259								
USDCHE.	08-08-18	15:32-17:30			0.99412	08-08-18 15:35	879.4301293	Other	NA	Electronic	0.99408	0.99412
USDCHE.	09-08-18	09:30-09:32	0.99369	879.4301293								
USDCHE.	09-08-18	11:32-13:30			0.99247	09-08-18 12:30	5276.580776	Other	NA	Electronic	0.99247	0.99252
USDCHE.	09-08-18	13:32-15:30			0.99203	09-08-18 13:36	1758.860259	Other	NA	Electronic	0.99199	0.99203
USDCHE.	09-08-18	15:32-17:30			0.99009	09-08-18 15:33	26382.90388	Other	NA	Electronic	0.99009	0.99014

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	10-08-18	09:32-11:30			0.99472	10-08-18 09:43	17588.60259	Other	NA	Electronic	0.99478	0.99484
USDCHE	10-08-18	11:30-11:32	0.99443	26382.90388								
USDCHE	10-08-18	13:30-13:32	0.99366	4397.150646								
USDCHE	10-08-18	15:32-17:30			0.99445	10-08-18 15:32	4397.150646	Other	NA	Electronic	0.99445	0.9945
USDCHE	13-08-18	09:32-11:30			0.99485	13-08-18 09:46	879.4301293	Other	NA	Electronic	0.9948	0.99485
USDCHE	13-08-18	11:32-13:30			0.99433	13-08-18 12:24	4397.150646	Other	NA	Electronic	0.99428	0.99433
USDCHE	13-08-18	13:32-15:30			0.99404	13-08-18 14:00	879.4301293	Other	NA	Electronic	0.99403	0.99408
USDCHE	13-08-18	15:32-17:30			0.99395	13-08-18 16:51	879.4301293	Other	NA	Electronic	0.99395	0.994
USDCHE	14-08-18	09:32-11:30			0.99154	14-08-18 09:33	879.4301293	Other	NA	Electronic	0.99154	0.99157
USDCHE	14-08-18	11:32-13:30			0.99083	14-08-18 11:44	879.4301293	Other	NA	Electronic	0.99083	0.99087
USDCHE	14-08-18	13:30-13:32	0.99098	879.4301293								
USDCHE	14-08-18	15:32-17:30			0.99266	14-08-18 15:37	1758.860259	Other	NA	Electronic	0.99261	0.99266
USDCHE	15-08-18	09:32-11:30			0.99784	15-08-18 09:56	9673.731422	Other	NA	Electronic	0.99779	0.99784
USDCHE	15-08-18	11:32-13:30			0.99739	15-08-18 11:35	3517.720517	Other	NA	Electronic	0.99739	0.99743
USDCHE	15-08-18	13:32-15:30			0.99721	15-08-18 13:45	4397.150646	Other	NA	Electronic	0.99721	0.99726

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USDCHE	15-08-18	15:32-17:30			0.99455	15-08-18 15:40	3517.720517	Other	NA	Electronic	0.99455	0.99459
USDCHE	16-08-18	09:32-11:30			0.99337	16-08-18 10:00	1758.860259	Other	NA	Electronic	0.99333	0.99337
USDCHE	16-08-18	11:32-13:30			0.99373	16-08-18 12:00	1758.860259	Other	NA	Electronic	0.99373	0.99378
USDCHE	16-08-18	13:32-15:30			0.993	16-08-18 13:52	879.4301293	Other	NA	Electronic	0.993	0.99305
USDCHE	16-08-18	15:32-17:30			0.99622	16-08-18 15:51	1758.860259	Other	NA	Electronic	0.99622	0.99627
USDCHE	17-08-18	09:30-09:32	0.99613	879.4301293								
USDCHE	17-08-18	11:32-13:30			0.99581	17-08-18 12:00	879.4301293	Other	NA	Electronic	0.99581	0.99586
USDCHE	17-08-18	13:32-15:30			0.99522	17-08-18 13:39	2638.290388	Other	NA	Electronic	0.99517	0.99522
USDCHE	17-08-18	15:32-17:30			0.99428	17-08-18 16:51	879.4301293	Other	NA	Electronic	0.99424	0.99428
USDCHE	20-08-18	09:32-11:30			0.99613	20-08-18 09:52	2638.290388	Other	NA	Electronic	0.99613	0.99616
USDCHE	20-08-18	11:30-11:32	0.99537	2638.290388								
USDCHE	20-08-18	13:30-13:32	0.99342	879.4301293								
USDCHE	20-08-18	15:32-17:30			0.99396	20-08-18 15:53	2638.290388	Other	NA	Electronic	0.99396	0.99401
USDCHE	21-08-18	09:30-09:32	0.98748	2638.290388								
USDCHE	21-08-18	11:32-13:30			0.98752	21-08-18 11:39	17588.60259	Other	NA	Electronic	0.98752	0.98757

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USDCHE	21-08-18	13:32-15:30			0.98661	21-08-18 13:51	879.4301293	Other	NA	Electronic	0.98661	0.98665
USDCHE	21-08-18	15:32-17:30			0.98757	21-08-18 15:50	879.4301293	Other	NA	Electronic	0.98751	0.98755
USDCHE	22-08-18	09:32-11:30			0.98327	22-08-18 10:15	879.4301293	Other	NA	Electronic	0.98321	0.98326
USDCHE	22-08-18	11:32-13:30			0.98154	22-08-18 12:15	879.4301293	Other	NA	Electronic	0.98153	0.98158
USDCHE	22-08-18	13:32-15:30			0.98221	22-08-18 13:34	879.4301293	Other	NA	Electronic	0.98221	0.98226
USDCHE	22-08-18	15:30-15:32	0.98339	102893.3251								
USDCHE	23-08-18	09:30-09:32	0.98402	879.4301293								
USDCHE	23-08-18	11:32-13:30			0.98316	23-08-18 11:58	879.4301293	Other	NA	Electronic	0.98312	0.98316
USDCHE	23-08-18	13:32-15:30			0.98529	23-08-18 13:35	5276.580776	Other	NA	Electronic	0.98525	0.98529
USDCHE	23-08-18	15:32-17:30			0.9848	23-08-18 15:55	2638.290388	Other	NA	Electronic	0.98476	0.9848
USDCHE	24-08-18	09:32-11:30			0.9841	24-08-18 09:45	879.4301293	Other	NA	Electronic	0.98407	0.9841
USDCHE	24-08-18	11:32-13:30			0.98337	24-08-18 11:46	6156.010905	Other	NA	Electronic	0.98333	0.98337
USDCHE	24-08-18	13:32-15:30			0.98373	24-08-18 13:53	879.4301293	Other	NA	Electronic	0.98373	0.98378
USDCHE	24-08-18	15:32-17:30			0.983	24-08-18 15:52	1758.860259	Other	NA	Electronic	0.983	0.98304
USDCHE	27-08-18	09:32-11:30			0.983	27-08-18 09:53	13191.45194	Other	NA	Electronic	0.98295	0.983

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USDCHE	27-08-18	11:32-13:30			0.98269	27-08-18 12:00	879.4301293	Other	NA	Electronic	0.98269	0.98273
USDCHE	27-08-18	13:32-15:30			0.98169	27-08-18 13:35	1758.860259	Other	NA	Electronic	0.98165	0.98169
USDCHE	27-08-18	15:32-17:30			0.98022	27-08-18 16:15	30780.05452	Other	NA	Electronic	0.98018	0.98022
USDCHE	28-08-18	09:32-11:30			0.977	28-08-18 09:33	2638.290388	Other	NA	Electronic	0.977	0.97705
USDCHE	28-08-18	11:32-13:30			0.97597	28-08-18 11:48	879.4301293	Other	NA	Electronic	0.97591	0.97595
USDCHE	28-08-18	13:30-13:32	0.9756	879.4301293								
USDCHE	28-08-18	15:32-17:30			0.97494	28-08-18 16:01	879.4301293	Other	NA	Electronic	0.97489	0.97494
USDCHE	29-08-18	09:32-11:30			0.97676	29-08-18 10:34	17588.60259	Other	NA	Electronic	0.97672	0.97676
USDCHE	29-08-18	11:30-11:32	0.9768	4397.150646								
USDCHE	29-08-18	13:30-13:32	0.97367	879.4301293								
USDCHE	29-08-18	15:32-17:30			0.97298	29-08-18 15:37	879.4301293	Other	NA	Electronic	0.97294	0.97298
USDCHE	30-08-18	09:32-11:30			0.96999	30-08-18 09:35	879.4301293	Other	NA	Electronic	0.96995	0.96999
USDCHE	30-08-18	11:32-13:30			0.96987	30-08-18 11:53	879.4301293	Other	NA	Electronic	0.96987	0.96991
USDCHE	30-08-18	13:32-15:30			0.97122	30-08-18 13:54	2638.290388	Other	NA	Electronic	0.97117	0.97122
USDCHE	30-08-18	15:32-17:30			0.97056	30-08-18 16:20	1758.860259	Other	NA	Electronic	0.97056	0.97059

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	31-08-18	09:32-11:30			0.96673	31-08-18 10:05	176765.456	Other	NA	Electronic	0.96673	0.96678
USDCHE	31-08-18	11:32-13:30			0.96825	31-08-18 11:40	879.4301293	Other	NA	Electronic	0.9682	0.96825
USDCHE	31-08-18	13:32-15:30			0.96693	31-08-18 14:44	88822.44306	Other	NA	Electronic	0.96693	0.96698
USDCHE	31-08-18	15:32-17:30			0.96955	31-08-18 15:47	4397.150646	Other	NA	Electronic	0.96955	0.96959
USDCHE	03-09-18	09:32-11:30			0.96982	03-09-18 10:33	5276.580776	Other	NA	Electronic	0.96977	0.96982
USDCHE	03-09-18	11:32-13:30			0.96985	03-09-18 11:45	879.4301293	Other	NA	Electronic	0.96981	0.96985
USDCHE	03-09-18	13:32-15:30			0.96972	03-09-18 13:34	879.4301293	Other	NA	Electronic	0.96968	0.96972
USDCHE	03-09-18	15:32-17:30			0.96918	03-09-18 16:31	87943.01293	Other	NA	Electronic	0.96913	0.96918
USDCHE	04-09-18	09:32-11:30			0.97405	04-09-18 09:53	879.4301293	Other	NA	Electronic	0.97404	0.97409
USDCHE	04-09-18	11:32-13:30			0.97441	04-09-18 12:20	1758.860259	Other	NA	Electronic	0.97441	0.97445
USDCHE	04-09-18	13:32-15:30			0.97424	04-09-18 13:40	17588.60259	Other	NA	Electronic	0.97424	0.97429
USDCHE	04-09-18	15:32-17:30			0.97534	04-09-18 16:07	5276.580776	Other	NA	Electronic	0.9753	0.97534
USDCHE	05-09-18	09:32-11:30			0.97409	05-09-18 09:36	879.4301293	Other	NA	Electronic	0.97404	0.97409
USDCHE	05-09-18	11:32-13:30			0.97481	05-09-18 12:05	17588.60259	Other	NA	Electronic	0.97481	0.97485
USDCHE	05-09-18	13:30-13:32	0.9724	13191.45194								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	05-09-18	15:30-15:32	0.97182	8794.301293								
USDCHE	06-09-18	09:32-11:30			0.97	06-09-18 10:13	1758.860259	Other	NA	Electronic	0.96998	0.97
USDCHE	06-09-18	11:32-13:30			0.96878	06-09-18 12:15	879.4301293	Other	NA	Electronic	0.96878	0.96888
USDCHE	06-09-18	13:32-15:30			0.96805	06-09-18 14:08	2638.290388	Other	NA	Electronic	0.96805	0.96811
USDCHE	06-09-18	15:32-17:30			0.96779	06-09-18 16:04	879.4301293	Other	NA	Electronic	0.96779	0.96784
USDCHE	07-09-18	09:32-11:30			0.96513	07-09-18 10:14	879.4301293	Other	NA	Electronic	0.96513	0.96517
USDCHE	07-09-18	11:32-13:30			0.96626	07-09-18 11:35	879.4301293	Other	NA	Electronic	0.96621	0.96626
USDCHE	07-09-18	13:32-15:30			0.96591	07-09-18 14:00	879.4301293	Other	NA	Electronic	0.96591	0.96596
USDCHE	07-09-18	15:30-15:32	0.96771	879.4301293								
USDCHE	10-09-18	09:32-11:30			0.9725	10-09-18 09:40	13191.45194	Other	NA	Electronic	0.97248	0.9725
USDCHE	10-09-18	11:32-13:30			0.974	10-09-18 11:36	26382.90388	Other	NA	Electronic	0.974	0.97404
USDCHE	10-09-18	13:30-13:32	0.97327	1758.860259								
USDCHE	10-09-18	15:30-15:32	0.97391	9673.731422								
USDCHE	11-09-18	09:32-11:30			0.97406	11-09-18 09:46	4397.150646	Other	NA	Electronic	0.97406	0.9741
USDCHE	11-09-18	11:32-13:30			0.97338	11-09-18 11:46	1758.860259	Other	NA	Electronic	0.97338	0.97341



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	11-09-18	13:32-15:30			0.97399	11-09-18 14:11	44850.93659	Other	NA	Electronic	0.97399	0.97403
USDCHE	11-09-18	15:32-17:30			0.97297	11-09-18 16:44	4397.150646	Other	NA	Electronic	0.97294	0.97297
USDCHE	12-09-18	09:32-11:30			0.97314	12-09-18 09:45	879.4301293	Other	NA	Electronic	0.9731	0.97314
USDCHE	12-09-18	11:32-13:30			0.97285	12-09-18 12:49	879.4301293	Other	NA	Electronic	0.97285	0.97288
USDCHE	12-09-18	13:32-15:30			0.97262	12-09-18 13:47	8794.301293	Other	NA	Electronic	0.97262	0.97266
USDCHE	12-09-18	15:32-17:30			0.97083	12-09-18 15:38	44850.93659	Other	NA	Electronic	0.97084	0.97089
USDCHE	13-09-18	11:32-13:30			0.96921	13-09-18 11:51	4397.150646	Other	NA	Electronic	0.96915	0.96921
USDCHE	13-09-18	13:32-15:30			0.96658	13-09-18 13:43	1758.860259	Other	NA	Electronic	0.96658	0.96663
USDCHE	13-09-18	15:32-17:30			0.96809	13-09-18 15:59	1758.860259	Other	NA	Electronic	0.96805	0.96809
USDCHE	14-09-18	09:32-11:30			0.96365	14-09-18 09:41	7914.871163	Other	NA	Electronic	0.96365	0.96369
USDCHE	14-09-18	11:32-13:30			0.96444	14-09-18 11:46	8794.301293	Other	NA	Electronic	0.96439	0.96443
USDCHE	14-09-18	13:32-15:30			0.96641	14-09-18 13:35	8794.301293	Other	NA	Electronic	0.96641	0.96646
USDCHE	14-09-18	15:32-17:30			0.96713	14-09-18 16:07	4397.150646	Other	NA	Electronic	0.96708	0.96713
USDCHE	17-09-18	09:32-11:30			0.96461	17-09-18 09:40	4397.150646	Other	NA	Electronic	0.96458	0.96461
USDCHE	17-09-18	11:32-13:30			0.96405	17-09-18 11:33	48368.65711	Other	NA	Electronic	0.96401	0.96405

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USDCHE	17-09-18	13:32-15:30			0.96208	17-09-18 13:41	48368.65711	Other	NA	Electronic	0.96209	0.96212
USDCHE	17-09-18	15:32-17:30			0.96241	17-09-18 15:47	879.4301293	Other	NA	Electronic	0.96237	0.96241
USDCHE	18-09-18	09:30-09:32	0.96084	879.4301293								
USDCHE	18-09-18	11:32-13:30			0.96157	18-09-18 12:05	1758.860259	Other	NA	Electronic	0.96153	0.96157
USDCHE	18-09-18	13:32-15:30			0.96	18-09-18 13:35	2638.290388	Other	NA	Electronic	0.96	0.96005
USDCHE	18-09-18	15:32-17:30			0.96208	18-09-18 15:38	879.4301293	Other	NA	Electronic	0.96204	0.96208
USDCHE	19-09-18	09:32-11:30			0.9664	19-09-18 09:44	879.4301293	Other	NA	Electronic	0.96637	0.96642
USDCHE	19-09-18	11:32-13:30			0.96881	19-09-18 11:32	2638.290388	Other	NA	Electronic	0.96881	0.96884
USDCHE	19-09-18	13:32-15:30			0.96916	19-09-18 13:48	87943.01293	Other	NA	Electronic	0.96913	0.96916
USDCHE	19-09-18	15:32-17:30			0.9669	19-09-18 17:11	879.4301293	Other	NA	Electronic	0.96685	0.9669
USDCHE	20-09-18	09:32-11:30			0.96677	20-09-18 10:08	17588.60259	Other	NA	Electronic	0.96672	0.96677
USDCHE	20-09-18	11:30-11:32	0.96439	4397.150646								
USDCHE	20-09-18	13:32-15:30			0.961	20-09-18 13:34	8794.301293	Other	NA	Electronic	0.961	0.96104
USDCHE	20-09-18	15:32-17:30			0.96178	20-09-18 15:49	879.4301293	Other	NA	Electronic	0.96173	0.96178
USDCHE	21-09-18	09:32-11:30			0.95569	21-09-18 09:41	3517.720517	Other	NA	Electronic	0.95569	0.95574

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USDCHE	21-09-18	11:32-13:30			0.95561	21-09-18 11:34	879.4301293	Other	NA	Electronic	0.95557	0.95561
USDCHE	21-09-18	13:32-15:30			0.95758	21-09-18 13:35	1758.860259	Other	NA	Electronic	0.95798	0.95802
USDCHE	21-09-18	15:30-15:32	0.95923	4397.150646								
USDCHE	24-09-18	09:32-11:30			0.95873	24-09-18 09:44	879.4301293	Other	NA	Electronic	0.9587	0.95873
USDCHE	24-09-18	11:32-13:30			0.95901	24-09-18 11:51	879.4301293	Other	NA	Electronic	0.95901	0.95905
USDCHE	24-09-18	13:32-15:30			0.95837	24-09-18 13:39	8794.301293	Other	NA	Electronic	0.95837	0.95841
USDCHE	24-09-18	15:32-17:30			0.96201	24-09-18 15:34	2638.290388	Other	NA	Electronic	0.96201	0.96203
USDCHE	25-09-18	09:32-11:30			0.96605	25-09-18 09:47	21985.75323	Other	NA	Electronic	0.96605	0.9661
USDCHE	25-09-18	11:32-13:30			0.96537	25-09-18 11:43	8794.301293	Other	NA	Electronic	0.96537	0.9654
USDCHE	25-09-18	13:32-15:30			0.96617	25-09-18 13:34	2638.290388	Other	NA	Electronic	0.96613	0.96617
USDCHE	25-09-18	15:32-17:30			0.96468	25-09-18 15:41	1758.860259	Other	NA	Electronic	0.96468	0.96472
USDCHE	26-09-18	09:32-11:30			0.96632	26-09-18 09:33	879.4301293	Other	NA	Electronic	0.96629	0.96632
USDCHE	26-09-18	11:32-13:30			0.9684	26-09-18 11:40	1758.860259	Other	NA	Electronic	0.96836	0.9684
USDCHE	26-09-18	13:32-15:30			0.96971	26-09-18 13:33	879.4301293	Other	NA	Electronic	0.96967	0.96971
USDCHE	26-09-18	15:32-17:30			0.96758	26-09-18 16:04	879.4301293	Other	NA	Electronic	0.96758	0.96763

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHE	27-09-18	09:32-11:30			0.96919	27-09-18 10:13	8794.301293	Other	NA	Electronic	0.9692	0.96924
USDCHE	27-09-18	11:32-13:30			0.97089	27-09-18 11:42	879.4301293	Other	NA	Electronic	0.97089	0.97093
USDCHE	27-09-18	13:32-15:30			0.97401	27-09-18 13:37	879.4301293	Other	NA	Electronic	0.97396	0.97401
USDCHE	27-09-18	15:32-17:30			0.97689	27-09-18 15:35	879.4301293	Other	NA	Electronic	0.97689	0.97693
USDCHE	28-09-18	09:32-11:30			0.97622	28-09-18 09:33	8794.301293	Other	NA	Electronic	0.97619	0.97622
USDCHE	28-09-18	11:30-11:32	0.97725	1758.860259								
USDCHE	28-09-18	13:32-15:30			0.97687	28-09-18 13:43	2638.290388	Other	NA	Electronic	0.97683	0.97687
USDCHE	28-09-18	15:30-15:32	0.97617	2638.290388								
USDCHEmicro	02-07-18	09:30-09:32	0.99228	325.3891478								
USDCHEmicro	02-07-18	11:30-11:32	0.99356	4784.099903								
USDCHEmicro	02-07-18	13:30-13:32	0.99559	290.2119427								
USDCHEmicro	02-07-18	15:30-15:32	0.99508	395.7435582								
USDCHEmicro	03-07-18	09:32-11:30			0.99285	03-07-18 09:35	439.7150646	Other	NA	Electronic	0.99285	0.99308
USDCHEmicro	03-07-18	11:30-11:32	0.99365	483.6865711								
USDCHEmicro	03-07-18	13:32-15:30			0.99275	03-07-18 13:33	2198.575323	Other	NA	Electronic	0.99275	0.99297

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USDCHFmicro	03-07-18	15:32-17:30			0.99187	03-07-18 15:32	17.58860259	Other	NA	Electronic	0.99187	0.99208
USDCHFmicro	04-07-18	09:30-09:32	0.99291	87.94301293								
USDCHFmicro	04-07-18	11:32-13:30			0.99295	04-07-18 11:34	8.794301293	Other	NA	Electronic	0.99295	0.99316
USDCHFmicro	04-07-18	13:30-13:32	0.99249	237.4461349								
USDCHFmicro	04-07-18	15:30-15:32	0.99355	1319.145194								
USDCHFmicro	05-07-18	09:32-11:30			0.9933	05-07-18 09:38	879.4301293	Other	NA	Electronic	0.99308	0.9933
USDCHFmicro	05-07-18	11:30-11:32	0.9917	105.5316155								
USDCHFmicro	05-07-18	13:30-13:32	0.99292	7422.390291								
USDCHFmicro	05-07-18	15:30-15:32	0.99225	228.6518336								
USDCHFmicro	06-07-18	09:30-09:32	0.99265	87.94301293								
USDCHFmicro	06-07-18	11:30-11:32	0.99248	4397.150646								
USDCHFmicro	06-07-18	13:30-13:32	0.98934	1239.996482								
USDCHFmicro	06-07-18	15:30-15:32	0.98949	1319.145194								
USDCHFmicro	09-07-18	09:30-09:32	0.98751	897.0187319								
USDCHFmicro	09-07-18	11:30-11:32	0.9878	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	09-07-18	13:30-13:32	0.98902	510.069475								
USDCHFmicro	09-07-18	15:30-15:32	0.99127	2866.942221								
USDCHFmicro	10-07-18	09:30-09:32	0.99332	114.3259168								
USDCHFmicro	10-07-18	11:30-11:32	0.99482	729.9270073								
USDCHFmicro	10-07-18	13:32-15:30			0.99396	10-07-18 13:33	87.94301293	Other	NA	Electronic	0.99373	0.99396
USDCHFmicro	10-07-18	15:30-15:32	0.99269	4775.305602								
USDCHFmicro	11-07-18	09:30-09:32	0.99451	1794.037464								
USDCHFmicro	11-07-18	11:30-11:32	0.99447	351.7720517								
USDCHFmicro	11-07-18	13:30-13:32	0.9908	18432.85551								
USDCHFmicro	11-07-18	15:30-15:32	0.99358	3482.543312								
USDCHFmicro	12-07-18	09:30-09:32	0.99712	96.73731422								
USDCHFmicro	12-07-18	11:30-11:32	0.99884	255.0347375								
USDCHFmicro	12-07-18	13:30-13:32	1.00094	23894.11661								
USDCHFmicro	12-07-18	15:30-15:32	1.00119	7035.441034								
USDCHFmicro	13-07-18	09:30-09:32	1.00395	32855.50963								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	13-07-18	11:30-11:32	1.00631	15161.37543								
USDCHFmicro	13-07-18	13:30-13:32	1.00519	879.4301293								
USDCHFmicro	13-07-18	15:30-15:32	1.00306	12312.02181								
USDCHFmicro	16-07-18	09:30-09:32	0.99956	79.14871163								
USDCHFmicro	16-07-18	11:30-11:32	0.99734	1802.831765								
USDCHFmicro	16-07-18	13:30-13:32	0.99843	1758.860259								
USDCHFmicro	16-07-18	15:30-15:32	0.9981	1934.746284								
USDCHFmicro	17-07-18	09:30-09:32	0.99507	43.97150646								
USDCHFmicro	17-07-18	11:30-11:32	0.99495	3078.005452								
USDCHFmicro	17-07-18	13:30-13:32	0.99604	219.8575323								
USDCHFmicro	17-07-18	15:30-15:32	0.99805	52765.80776								
USDCHFmicro	18-07-18	09:30-09:32	1.00109	1758.860259								
USDCHFmicro	18-07-18	11:32-13:30			1.00021	18-07-18 11:41	2242.54683	Other	NA	Electronic	1.00021	1.00044
USDCHFmicro	18-07-18	13:30-13:32	0.99949	17896.40313								
USDCHFmicro	18-07-18	15:30-15:32	0.99937	87.94301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	19-07-18	09:30-09:32	1.00207	3552.897722								
USDCHFmicro	19-07-18	11:32-13:30			1.00191	19-07-18 11:33	4397.150646	Other	NA	Electronic	1.0019	1.00213
USDCHFmicro	19-07-18	13:30-13:32	1.00245	21695.54129								
USDCHFmicro	19-07-18	15:30-15:32	1.00201	12751.73687								
USDCHFmicro	20-07-18	09:32-11:30			0.99824	20-07-18 09:35	879.4301293	Other	NA	Electronic	0.99824	0.99845
USDCHFmicro	20-07-18	11:32-13:30			0.99783	20-07-18 11:36	4397.150646	Other	NA	Electronic	0.99761	0.99783
USDCHFmicro	20-07-18	13:30-13:32	0.99441	3579.280626								
USDCHFmicro	20-07-18	15:30-15:32	0.99542	7475.156099								
USDCHFmicro	23-07-18	09:30-09:32	0.99226	1758.860259								
USDCHFmicro	23-07-18	11:30-11:32	0.991	5637.147129								
USDCHFmicro	23-07-18	13:30-13:32	0.9915	439.7150646								
USDCHFmicro	23-07-18	15:30-15:32	0.99238	615.6010905								
USDCHFmicro	24-07-18	09:32-11:30			0.99441	24-07-18 09:34	879.4301293	Other	NA	Electronic	0.99421	0.99441
USDCHFmicro	24-07-18	11:32-13:30			0.99341	24-07-18 11:32	17.58860259	Other	NA	Electronic	0.99318	0.99341
USDCHFmicro	24-07-18	13:30-13:32	0.99421	1336.733796								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	24-07-18	15:32-17:30			0.99372	24-07-18 15:33	87.94301293	Other	NA	Electronic	0.9935	0.99372
USDCHFmicro	25-07-18	09:30-09:32	0.99153	5540.409814								
USDCHFmicro	25-07-18	11:30-11:32	0.9917	8.794301293								
USDCHFmicro	25-07-18	13:30-13:32	0.99192	16181.51438								
USDCHFmicro	25-07-18	15:30-15:32	0.99428	1319.145194								
USDCHFmicro	26-07-18	09:32-11:30			0.99334	26-07-18 09:32	879.4301293	Other	NA	Electronic	0.99332	0.99354
USDCHFmicro	26-07-18	11:32-13:30			0.99264	26-07-18 11:32	879.4301293	Other	NA	Electronic	0.99243	0.99264
USDCHFmicro	26-07-18	13:30-13:32	0.99388	23911.70522								
USDCHFmicro	26-07-18	15:30-15:32	0.99327	87.94301293								
USDCHFmicro	27-07-18	09:30-09:32	0.99683	175.8860259								
USDCHFmicro	27-07-18	11:32-13:30			0.99717	27-07-18 11:39	879.4301293	Other	NA	Electronic	0.99694	0.99717
USDCHFmicro	27-07-18	13:30-13:32	0.99564	6349.485533								
USDCHFmicro	27-07-18	15:32-17:30			0.99471	27-07-18 15:34	2198.575323	Other	NA	Electronic	0.99448	0.99471
USDCHFmicro	30-07-18	09:30-09:32	0.99243	1917.157682								
USDCHFmicro	30-07-18	11:30-11:32	0.99242	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	30-07-18	13:30-13:32	0.99116	26.38290388								
USDCHFmicro	30-07-18	15:32-17:30			0.98867	30-07-18 15:32	8.794301293	Other	NA	Electronic	0.98844	0.98867
USDCHFmicro	31-07-18	09:30-09:32	0.98792	879.4301293								
USDCHFmicro	31-07-18	11:32-13:30			0.98765	31-07-18 11:38	52.76580776	Other	NA	Electronic	0.98765	0.98787
USDCHFmicro	31-07-18	13:30-13:32	0.98947	1064.110456								
USDCHFmicro	31-07-18	15:30-15:32	0.9897	175.8860259								
USDCHFmicro	01-08-18	09:32-11:30			0.99204	01-08-18 09:34	219.8575323	Other	NA	Electronic	0.99204	0.99225
USDCHFmicro	01-08-18	11:32-13:30			0.99123	01-08-18 11:32	4397.150646	Other	NA	Electronic	0.99101	0.99123
USDCHFmicro	01-08-18	13:30-13:32	0.99217	8794.301293								
USDCHFmicro	01-08-18	15:32-17:30			0.99251	01-08-18 15:32	87.94301293	Other	NA	Electronic	0.99252	0.99274
USDCHFmicro	02-08-18	09:30-09:32	0.99449	175.8860259								
USDCHFmicro	02-08-18	11:30-11:32	0.99394	43.97150646								
USDCHFmicro	02-08-18	13:30-13:32	0.99382	123.1202181								
USDCHFmicro	02-08-18	15:32-17:30			0.99415	02-08-18 15:33	87.94301293	Other	NA	Electronic	0.99415	0.99436
USDCHFmicro	03-08-18	09:30-09:32	0.99499	167.0917246								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	03-08-18	11:30-11:32	0.99372	123.1202181								
USDCHFmicro	03-08-18	13:30-13:32	0.99511	1873.186175								
USDCHFmicro	03-08-18	15:30-15:32	0.99224	175.8860259								
USDCHFmicro	06-08-18	09:30-09:32	0.9956	8.794301293								
USDCHFmicro	06-08-18	11:30-11:32	0.99781	255.0347375								
USDCHFmicro	06-08-18	13:32-15:30			0.99742	06-08-18 13:32	87.94301293	Other	NA	Electronic	0.99742	0.99765
USDCHFmicro	06-08-18	15:30-15:32	0.99598	659.572597								
USDCHFmicro	07-08-18	09:32-11:30			0.99498	07-08-18 09:39	879.4301293	Other	NA	Electronic	0.99498	0.99518
USDCHFmicro	07-08-18	11:30-11:32	0.99474	131.9145194								
USDCHFmicro	07-08-18	13:32-15:30			0.99457	07-08-18 13:32	439.7150646	Other	NA	Electronic	0.99435	0.99457
USDCHFmicro	07-08-18	15:32-17:30			0.99511	07-08-18 15:32	87.94301293	Other	NA	Electronic	0.99488	0.99511
USDCHFmicro	08-08-18	09:32-11:30			0.9961	08-08-18 09:34	8.794301293	Other	NA	Electronic	0.99589	0.9961
USDCHFmicro	08-08-18	11:30-11:32	0.99599	3605.66353								
USDCHFmicro	08-08-18	13:30-13:32	0.99581	1055.316155								
USDCHFmicro	08-08-18	15:32-17:30			0.99422	08-08-18 15:35	439.7150646	Other	NA	Electronic	0.99399	0.99422

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	09-08-18	09:30-09:32	0.9938	606.8067892								
USDCHFmicro	09-08-18	11:32-13:30			0.99313	09-08-18 11:39	87.94301293	Other	NA	Electronic	0.99313	0.99336
USDCHFmicro	09-08-18	13:30-13:32	0.99223	905.8130332								
USDCHFmicro	09-08-18	15:30-15:32	0.99026	984.9617448								
USDCHFmicro	10-08-18	09:30-09:32	0.99431	167.0917246								
USDCHFmicro	10-08-18	11:30-11:32	0.99457	1152.053469								
USDCHFmicro	10-08-18	13:30-13:32	0.9941	175.8860259								
USDCHFmicro	10-08-18	15:30-15:32	0.99416	3306.657286								
USDCHFmicro	13-08-18	09:32-11:30			0.99467	13-08-18 09:39	43.97150646	Other	NA	Electronic	0.99467	0.9949
USDCHFmicro	13-08-18	11:32-13:30			0.99485	13-08-18 11:39	87.94301293	Other	NA	Electronic	0.99463	0.99485
USDCHFmicro	13-08-18	13:30-13:32	0.99391	87.94301293								
USDCHFmicro	13-08-18	15:32-17:30			0.99327	13-08-18 15:32	26.38290388	Other	NA	Electronic	0.99327	0.9935
USDCHFmicro	14-08-18	09:30-09:32	0.9917	35.17720517								
USDCHFmicro	14-08-18	11:32-13:30			0.99071	14-08-18 11:35	1758.860259	Other	NA	Electronic	0.99049	0.99071
USDCHFmicro	14-08-18	13:30-13:32	0.99085	879.4301293								

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USDCHFmicro	14-08-18	15:30-15:32	0.99279	87.94301293								
USDCHFmicro	15-08-18	09:30-09:32	0.99741	10553.16155								
USDCHFmicro	15-08-18	11:32-13:30			0.99753	15-08-18 11:33	114.3259168	Other	NA	Electronic	0.9973	0.99753
USDCHFmicro	15-08-18	13:32-15:30			0.99718	15-08-18 13:34	4397.150646	Other	NA	Electronic	0.99718	0.99741
USDCHFmicro	15-08-18	15:30-15:32	0.99452	4397.150646								
USDCHFmicro	16-08-18	09:30-09:32	0.99371	430.9207633								
USDCHFmicro	16-08-18	11:32-13:30			0.99393	16-08-18 11:47	158.2974233	Other	NA	Electronic	0.9937	0.99393
USDCHFmicro	16-08-18	13:30-13:32	0.99435	413.3321608								
USDCHFmicro	16-08-18	15:30-15:32	0.99512	87.94301293								
USDCHFmicro	17-08-18	09:32-11:30			0.99624	17-08-18 09:35	26382.90388	Other	NA	Electronic	0.99602	0.99624
USDCHFmicro	17-08-18	11:30-11:32	0.99576	211.063231								
USDCHFmicro	17-08-18	13:30-13:32	0.99498	395.7435582								
USDCHFmicro	17-08-18	15:30-15:32	0.99437	914.6073344								
USDCHFmicro	20-08-18	09:30-09:32	0.99654	967.3731422								
USDCHFmicro	20-08-18	11:30-11:32	0.99546	87.94301293								

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USDCHFmicro	20-08-18	13:30-13:32	0.99348	562.8352827								
USDCHFmicro	20-08-18	15:30-15:32	0.99481	131.9145194								
USDCHFmicro	21-08-18	09:30-09:32	0.98762	105980.1249								
USDCHFmicro	21-08-18	11:30-11:32	0.98696	219.8575323								
USDCHFmicro	21-08-18	13:30-13:32	0.98658	659.572597								
USDCHFmicro	21-08-18	15:32-17:30			0.98785	21-08-18 15:33	87.94301293	Other	NA	Electronic	0.98763	0.98785
USDCHFmicro	22-08-18	09:30-09:32	0.98296	6648.491777								
USDCHFmicro	22-08-18	11:30-11:32	0.98201	1319.145194								
USDCHFmicro	22-08-18	13:32-15:30			0.98213	22-08-18 13:33	879.4301293	Other	NA	Electronic	0.98213	0.98234
USDCHFmicro	22-08-18	15:30-15:32	0.98332	89464.42705								
USDCHFmicro	23-08-18	09:30-09:32	0.98379	87.94301293								
USDCHFmicro	23-08-18	11:30-11:32	0.98288	6156.010905								
USDCHFmicro	23-08-18	13:30-13:32	0.98477	325.3891478								
USDCHFmicro	23-08-18	15:32-17:30			0.98476	23-08-18 15:45	105.5316155	Other	NA	Electronic	0.98454	0.98476
USDCHFmicro	24-08-18	09:32-11:30			0.98429	24-08-18 09:41	1758.860259	Other	NA	Electronic	0.98429	0.98452

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USDCHFmicro	24-08-18	11:32-13:30			0.98407	24-08-18 11:32	87.94301293	Other	NA	Electronic	0.98385	0.98407
USDCHFmicro	24-08-18	13:32-15:30			0.98384	24-08-18 13:37	527.6580776	Other	NA	Electronic	0.98362	0.98384
USDCHFmicro	24-08-18	15:30-15:32	0.98292	202.2689297								
USDCHFmicro	27-08-18	09:30-09:32	0.98316	87.94301293								
USDCHFmicro	27-08-18	11:32-13:30			0.98312	27-08-18 11:36	351.7720517	Other	NA	Electronic	0.98289	0.98312
USDCHFmicro	27-08-18	13:30-13:32	0.98175	483.6865711								
USDCHFmicro	27-08-18	15:32-17:30			0.9802	27-08-18 15:32	1758.860259	Other	NA	Electronic	0.9802	0.98042
USDCHFmicro	28-08-18	09:30-09:32	0.97687	5452.466802								
USDCHFmicro	28-08-18	11:32-13:30			0.97694	28-08-18 11:33	17.58860259	Other	NA	Electronic	0.97672	0.97694
USDCHFmicro	28-08-18	13:32-15:30			0.97574	28-08-18 13:32	879.4301293	Other	NA	Electronic	0.97552	0.97574
USDCHFmicro	28-08-18	15:30-15:32	0.97618	879.4301293								
USDCHFmicro	29-08-18	09:30-09:32	0.97686	175.8860259								
USDCHFmicro	29-08-18	11:30-11:32	0.97693	1169.642072								
USDCHFmicro	29-08-18	13:30-13:32	0.97376	93289.94811								
USDCHFmicro	29-08-18	15:30-15:32	0.97331	43.97150646								

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USDCHFmicro	30-08-18	09:32-11:30			0.96997	30-08-18 09:40	8.794301293	Other	NA	Electronic	0.96997	0.97018
USDCHFmicro	30-08-18	11:32-13:30			0.97038	30-08-18 11:39	219.8575323	Other	NA	Electronic	0.97015	0.97038
USDCHFmicro	30-08-18	13:30-13:32	0.97118	13332.16076								
USDCHFmicro	30-08-18	15:32-17:30			0.9707	30-08-18 15:34	4397.150646	Other	NA	Electronic	0.9707	0.97092
USDCHFmicro	31-08-18	09:30-09:32	0.96708	439.7150646								
USDCHFmicro	31-08-18	11:32-13:30			0.96841	31-08-18 11:38	131.9145194	Other	NA	Electronic	0.96817	0.96841
USDCHFmicro	31-08-18	13:30-13:32	0.9691	43.97150646								
USDCHFmicro	31-08-18	15:30-15:32	0.96957	11256.70565								
USDCHFmicro	03-09-18	09:30-09:32	0.97061	879.4301293								
USDCHFmicro	03-09-18	11:32-13:30			0.96971	03-09-18 11:46	1758.860259	Other	NA	Electronic	0.96971	0.96993
USDCHFmicro	03-09-18	13:30-13:32	0.96991	1758.860259								
USDCHFmicro	03-09-18	15:30-15:32	0.96876	114.3259168								
USDCHFmicro	04-09-18	09:30-09:32	0.97347	1081.699059								
USDCHFmicro	04-09-18	11:30-11:32	0.97362	272.6233401								
USDCHFmicro	04-09-18	13:30-13:32	0.97473	1371.911002								



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USDCHFmicro	04-09-18	15:32-17:30			0.97605	04-09-18 15:32	3069.211151	Other	NA	Electronic	0.97584	0.97605
USDCHFmicro	05-09-18	09:30-09:32	0.97426	7914.871163								
USDCHFmicro	05-09-18	11:32-13:30			0.97399	05-09-18 11:33	8.794301293	Other	NA	Electronic	0.97399	0.9742
USDCHFmicro	05-09-18	13:30-13:32	0.97248	8732.741184								
USDCHFmicro	05-09-18	15:32-17:30			0.97152	05-09-18 15:33	439.7150646	Other	NA	Electronic	0.97152	0.97174
USDCHFmicro	06-09-18	09:32-11:30			0.97022	06-09-18 09:38	263.8290388	Other	NA	Electronic	0.97	0.97022
USDCHFmicro	06-09-18	11:32-13:30			0.96947	06-09-18 11:40	123.1202181	Other	NA	Electronic	0.96947	0.96969
USDCHFmicro	06-09-18	13:32-15:30			0.96835	06-09-18 13:33	8794.301293	Other	NA	Electronic	0.96835	0.96857
USDCHFmicro	06-09-18	15:32-17:30			0.96882	06-09-18 15:34	87943.01293	Other	NA	Electronic	0.96859	0.96882
USDCHFmicro	07-09-18	09:32-11:30			0.96541	07-09-18 09:38	123.1202181	Other	NA	Electronic	0.96519	0.96541
USDCHFmicro	07-09-18	11:30-11:32	0.96574	2638.290388								
USDCHFmicro	07-09-18	13:30-13:32	0.96718	1257.585085								
USDCHFmicro	07-09-18	15:32-17:30			0.96805	07-09-18 15:32	87.94301293	Other	NA	Electronic	0.96805	0.96828
USDCHFmicro	10-09-18	09:30-09:32	0.97199	1055.316155								
USDCHFmicro	10-09-18	11:30-11:32	0.97423	641.9839944								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	10-09-18	13:30-13:32	0.97314	263.8290388								
USDCHFmicro	10-09-18	15:30-15:32	0.97399	439.7150646								
USDCHFmicro	11-09-18	09:30-09:32	0.97485	263.8290388								
USDCHFmicro	11-09-18	11:30-11:32	0.97368	131.9145194								
USDCHFmicro	11-09-18	13:32-15:30			0.97401	11-09-18 13:33	439.7150646	Other	NA	Electronic	0.97405	0.97428
USDCHFmicro	11-09-18	15:30-15:32	0.97413	3561.692024								
USDCHFmicro	12-09-18	09:30-09:32	0.97369	17.58860259								
USDCHFmicro	12-09-18	11:30-11:32	0.97385	633.1896931								
USDCHFmicro	12-09-18	13:30-13:32	0.97293	43.97150646								
USDCHFmicro	12-09-18	15:30-15:32	0.97067	8.794301293								
USDCHFmicro	13-09-18	09:32-11:30			0.97028	13-09-18 09:34	879.4301293	Other	NA	Electronic	0.97005	0.97028
USDCHFmicro	13-09-18	11:30-11:32	0.96925	87.94301293								
USDCHFmicro	13-09-18	13:30-13:32	0.96604	641.9839944								
USDCHFmicro	13-09-18	15:32-17:30			0.96791	13-09-18 15:32	949.7845396	Other	NA	Electronic	0.96769	0.96791
USDCHFmicro	14-09-18	09:30-09:32	0.96392	61.56010905								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	14-09-18	11:32-13:30			0.96439	14-09-18 11:43	87.94301293	Other	NA	Electronic	0.96417	0.96439
USDCHFmicro	14-09-18	13:32-15:30			0.96653	14-09-18 13:32	87.94301293	Other	NA	Electronic	0.9663	0.96653
USDCHFmicro	14-09-18	15:32-17:30			0.96612	14-09-18 15:35	43.97150646	Other	NA	Electronic	0.96612	0.96634
USDCHFmicro	17-09-18	09:30-09:32	0.96456	8.794301293								
USDCHFmicro	17-09-18	11:30-11:32	0.96389	219.8575323								
USDCHFmicro	17-09-18	13:32-15:30			0.96261	17-09-18 13:38	17.58860259	Other	NA	Electronic	0.96261	0.96283
USDCHFmicro	17-09-18	15:30-15:32	0.96264	2726.233401								
USDCHFmicro	18-09-18	09:30-09:32	0.96095	8.794301293								
USDCHFmicro	18-09-18	11:32-13:30			0.96228	18-09-18 11:32	43.97150646	Other	NA	Electronic	0.96228	0.9625
USDCHFmicro	18-09-18	13:30-13:32	0.96074	879.4301293								
USDCHFmicro	18-09-18	15:30-15:32	0.96255	17.58860259								
USDCHFmicro	19-09-18	09:32-11:30			0.96582	19-09-18 09:33	5883.387565	Other	NA	Electronic	0.96582	0.96604
USDCHFmicro	19-09-18	11:30-11:32	0.96861	184.6803271								
USDCHFmicro	19-09-18	13:32-15:30			0.96924	19-09-18 13:32	879.4301293	Other	NA	Electronic	0.96924	0.96946
USDCHFmicro	19-09-18	15:32-17:30			0.96763	19-09-18 15:32	1758.860259	Other	NA	Electronic	0.9674	0.96763

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	20-09-18	09:30-09:32	0.96613	1037.727553								
USDCHFmicro	20-09-18	11:30-11:32	0.96449	22179.22786								
USDCHFmicro	20-09-18	13:32-15:30			0.96104	20-09-18 13:34	13191.45194	Other	NA	Electronic	0.96104	0.96126
USDCHFmicro	20-09-18	15:30-15:32	0.96141	448.5093659								
USDCHFmicro	21-09-18	09:30-09:32	0.95553	703.5441034								
USDCHFmicro	21-09-18	11:30-11:32	0.95589	879.4301293								
USDCHFmicro	21-09-18	13:30-13:32	0.95757	263.8290388								
USDCHFmicro	21-09-18	15:30-15:32	0.95922	26470.84689								
USDCHFmicro	24-09-18	09:32-11:30			0.95868	24-09-18 09:35	87.94301293	Other	NA	Electronic	0.95845	0.95868
USDCHFmicro	24-09-18	11:32-13:30			0.95924	24-09-18 11:32	4397.150646	Other	NA	Electronic	0.95901	0.95924
USDCHFmicro	24-09-18	13:30-13:32	0.95811	1336.733796								
USDCHFmicro	24-09-18	15:30-15:32	0.96139	1407.088207								
USDCHFmicro	25-09-18	09:32-11:30			0.96604	25-09-18 09:46	439.7150646	Other	NA	Electronic	0.96604	0.96626
USDCHFmicro	25-09-18	11:32-13:30			0.96567	25-09-18 11:34	2647.084689	Other	NA	Electronic	0.96545	0.96567
USDCHFmicro	25-09-18	13:30-13:32	0.96548	8.794301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCHFmicro	25-09-18	15:30-15:32	0.96501	17.58860259								
USDCHFmicro	26-09-18	09:30-09:32	0.96602	15047.04951								
USDCHFmicro	26-09-18	11:32-13:30			0.96825	26-09-18 11:32	290.2119427	Other	NA	Electronic	0.96804	0.96825
USDCHFmicro	26-09-18	13:30-13:32	0.96934	2418.432856								
USDCHFmicro	26-09-18	15:30-15:32	0.96808	1319.145194								
USDCHFmicro	27-09-18	09:30-09:32	0.96878	17826.04872								
USDCHFmicro	27-09-18	11:30-11:32	0.97153	1846.803271								
USDCHFmicro	27-09-18	13:30-13:32	0.97439	7184.944156								
USDCHFmicro	27-09-18	15:30-15:32	0.97692	351.7720517								
USDCHFmicro	28-09-18	09:30-09:32	0.9763	2638.290388								
USDCHFmicro	28-09-18	11:30-11:32	0.97726	272.6233401								
USDCHFmicro	28-09-18	13:30-13:32	0.97696	439.7150646								
USDCHFmicro	28-09-18	15:30-15:32	0.97619	439.7150646								
USDCHFmini	29-08-18	13:32-15:30			0.97209	29-08-18 13:57	967.3731422	Other	NA	Electronic	0.97189	0.97211
USDCHFmini	19-09-18	11:32-13:30			0.96834	19-09-18 11:45	703.5441034	Other	NA	Electronic	0.96812	0.96834

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmini	27-09-18	11:32-13:30			0.97194	27-09-18 12:27	703.5441034	Other	NA	Electronic	0.97194	0.97214
USDCNH	02-07-18	09:32-11:30			6.6765	02-07-18 11:23	7035.441034	Other	NA	Electronic	6.6765	6.6796
USDCNH	02-07-18	11:32-13:30			6.684	02-07-18 12:23	879.4301293	Other	NA	Electronic	6.684	6.6872
USDCNH	02-07-18	13:30-13:32	6.69235	4397.150646								
USDCNH	02-07-18	15:32-17:30			6.6889	02-07-18 16:11	2638.290388	Other	NA	Electronic	6.6856	6.6889
USDCNH	03-07-18	09:32-11:30			6.6603	03-07-18 09:53	879.4301293	Other	NA	Electronic	6.6603	6.6635
USDCNH	03-07-18	11:32-13:30			6.6549	03-07-18 11:51	879.4301293	Other	NA	Electronic	6.6518	6.655
USDCNH	03-07-18	13:32-15:30			6.6599	03-07-18 15:15	1758.860259	Other	NA	Electronic	6.6598	6.6632
USDCNH	03-07-18	15:32-17:30			6.6644	03-07-18 16:08	879.4301293	Other	NA	Electronic	6.6613	6.6644
USDCNH	04-07-18	11:32-13:30			6.638	04-07-18 13:12	879.4301293	Other	NA	Electronic	6.6347	6.638
USDCNH	04-07-18	15:32-17:30			6.6483	04-07-18 15:38	879.4301293	Other	NA	Electronic	6.6445	6.6483
USDCNH	05-07-18	11:32-13:30			6.6397	05-07-18 12:30	1758.860259	Other	NA	Electronic	6.6364	6.6397
USDCNH	05-07-18	13:32-15:30			6.651	05-07-18 14:05	1758.860259	Other	NA	Electronic	6.651	6.6541
USDCNH	05-07-18	15:32-17:30			6.6565	05-07-18 16:03	879.4301293	Other	NA	Electronic	6.6534	6.6565
USDCNH	06-07-18	09:32-11:30			6.6622	06-07-18 10:12	13191.45194	Other	NA	Electronic	6.6591	6.6622

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	06-07-18	13:32-15:30			6.6576	06-07-18 13:38	879.4301293	Other	NA	Electronic	6.6576	6.6609
USDCNH	06-07-18	15:32-17:30			6.6576	06-07-18 15:54	8794.301293	Other	NA	Electronic	6.6576	6.6608
USDCNH	09-07-18	13:32-15:30			6.6199	09-07-18 14:01	2638.290388	Other	NA	Electronic	6.6199	6.6231
USDCNH	09-07-18	15:32-17:30			6.6209	09-07-18 16:43	21985.75323	Other	NA	Electronic	6.6209	6.6242
USDCNH	10-07-18	09:32-11:30			6.6409	10-07-18 10:10	879.4301293	Other	NA	Electronic	6.6378	6.6409
USDCNH	10-07-18	13:30-13:32	6.6377	13191.45194								
USDCNH	10-07-18	15:32-17:30			6.633	10-07-18 16:24	879.4301293	Other	NA	Electronic	6.633	6.6362
USDCNH	11-07-18	09:32-11:30			6.6999	11-07-18 10:11	8794.301293	Other	NA	Electronic	6.6965	6.6999
USDCNH	11-07-18	11:32-13:30			6.7018	11-07-18 11:57	8794.301293	Other	NA	Electronic	6.7017	6.7053
USDCNH	11-07-18	15:30-15:32	6.7026	879.4301293								
USDCNH	12-07-18	09:32-11:30			6.6892	12-07-18 10:13	879.4301293	Other	NA	Electronic	6.6859	6.6891
USDCNH	12-07-18	11:32-13:30			6.6907	12-07-18 11:41	879.4301293	Other	NA	Electronic	6.6872	6.6907
USDCNH	12-07-18	15:32-17:30			6.6859	12-07-18 17:18	879.4301293	Other	NA	Electronic	6.6825	6.6859
USDCNH	13-07-18	09:32-11:30			6.7236	13-07-18 09:35	879.4301293	Other	NA	Electronic	6.7202	6.7236
USDCNH	13-07-18	11:32-13:30			6.7153	13-07-18 12:51	879.4301293	Other	NA	Electronic	6.7153	6.7184

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USDCNH	13-07-18	13:32-15:30			6.7099	13-07-18 14:30	8794.301293	Other	NA	Electronic	6.7099	6.7131
USDCNH	13-07-18	15:32-17:30			6.7118	13-07-18 17:26	8794.301293	Other	NA	Electronic	6.7118	6.7149
USDCNH	16-07-18	09:32-11:30			6.686	16-07-18 09:32	879.4301293	Other	NA	Electronic	6.686	6.6894
USDCNH	16-07-18	11:32-13:30			6.6955	16-07-18 12:09	879.4301293	Other	NA	Electronic	6.6921	6.6955
USDCNH	16-07-18	15:32-17:30			6.7017	16-07-18 17:03	879.4301293	Other	NA	Electronic	6.7017	6.7052
USDCNH	17-07-18	09:32-11:30			6.7119	17-07-18 11:20	879.4301293	Other	NA	Electronic	6.7088	6.7119
USDCNH	17-07-18	11:32-13:30			6.7086	17-07-18 12:09	879.4301293	Other	NA	Electronic	6.7086	6.7118
USDCNH	17-07-18	13:32-15:30			6.7224	17-07-18 13:59	879.4301293	Other	NA	Electronic	6.7151	6.7255
USDCNH	17-07-18	15:32-17:30			6.7226	17-07-18 16:48	879.4301293	Other	NA	Electronic	6.7226	6.7258
USDCNH	18-07-18	09:32-11:30			6.7494	18-07-18 09:42	879.4301293	Other	NA	Electronic	6.7494	6.7525
USDCNH	18-07-18	11:32-13:30			6.7538	18-07-18 12:01	879.4301293	Other	NA	Electronic	6.7538	6.757
USDCNH	18-07-18	13:32-15:30			6.7535	18-07-18 15:02	17588.60259	Other	NA	Electronic	6.7504	6.7535
USDCNH	18-07-18	15:32-17:30			6.7506	18-07-18 15:33	879.4301293	Other	NA	Electronic	6.7475	6.7506
USDCNH	19-07-18	15:32-17:30			6.8017	19-07-18 16:42	879.4301293	Other	NA	Electronic	6.7983	6.8017
USDCNH	20-07-18	09:32-11:30			6.7878	20-07-18 09:41	8794.301293	Other	NA	Electronic	6.7878	6.7909



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	20-07-18	11:32-13:30			6.8154	20-07-18 11:35	8794.301293	Other	NA	Electronic	6.8121	6.8154
USDCNH	20-07-18	15:32-17:30			6.788	20-07-18 15:40	8794.301293	Other	NA	Electronic	6.7849	6.788
USDCNH	23-07-18	09:32-11:30			6.8023	23-07-18 10:12	4397.150646	Other	NA	Electronic	6.8023	6.8056
USDCNH	23-07-18	11:32-13:30			6.7974	23-07-18 11:34	2638.290388	Other	NA	Electronic	6.7974	6.801
USDCNH	23-07-18	13:32-15:30			6.8063	23-07-18 13:37	12312.02181	Other	NA	Electronic	6.8063	6.8095
USDCNH	24-07-18	09:32-11:30			6.82	24-07-18 10:17	879.4301293	Other	NA	Electronic	6.8167	6.8199
USDCNH	24-07-18	13:32-15:30			6.8035	24-07-18 13:44	879.4301293	Other	NA	Electronic	6.8034	6.8068
USDCNH	24-07-18	15:32-17:30			6.8082	24-07-18 16:50	879.4301293	Other	NA	Electronic	6.8082	6.8114
USDCNH	25-07-18	09:32-11:30			6.7746	25-07-18 09:36	1758.860259	Other	NA	Electronic	6.7746	6.778
USDCNH	25-07-18	11:32-13:30			6.77	25-07-18 11:59	2638.290388	Other	NA	Electronic	6.7662	6.77
USDCNH	25-07-18	13:32-15:30			6.7691	25-07-18 13:59	6156.010905	Other	NA	Electronic	6.7655	6.7691
USDCNH	25-07-18	15:32-17:30			6.7789	25-07-18 15:59	8794.301293	Other	NA	Electronic	6.7758	6.7789
USDCNH	26-07-18	11:32-13:30			6.7878	26-07-18 12:38	879.4301293	Other	NA	Electronic	6.7836	6.7878
USDCNH	26-07-18	15:32-17:30			6.8069	26-07-18 15:57	879.4301293	Other	NA	Electronic	6.8069	6.81
USDCNH	27-07-18	09:32-11:30			6.8482	27-07-18 09:33	1758.860259	Other	NA	Electronic	6.8447	6.8481

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USDCNH	27-07-18	11:32-13:30			6.8354	27-07-18 12:30	1758.860259	Other	NA	Electronic	6.8354	6.8411
USDCNH	27-07-18	13:32-15:30			6.8239	27-07-18 15:11	1758.860259	Other	NA	Electronic	6.8206	6.8239
USDCNH	30-07-18	09:32-11:30			6.8261	30-07-18 09:53	12312.02181	Other	NA	Electronic	6.8261	6.8291
USDCNH	30-07-18	11:32-13:30			6.8339	30-07-18 11:57	8794.301293	Other	NA	Electronic	6.8307	6.8339
USDCNH	30-07-18	13:32-15:30			6.8289	30-07-18 13:35	8794.301293	Other	NA	Electronic	6.8256	6.8289
USDCNH	30-07-18	15:32-17:30			6.822	30-07-18 15:41	1758.860259	Other	NA	Electronic	6.822	6.8252
USDCNH	31-07-18	11:32-13:30			6.8474	31-07-18 13:05	4397.150646	Other	NA	Electronic	6.8443	6.8474
USDCNH	31-07-18	13:30-13:32	6.8142	4397.150646								
USDCNH	31-07-18	15:32-17:30			6.8006	31-07-18 15:37	1758.860259	Other	NA	Electronic	6.8006	6.8038
USDCNH	01-08-18	09:32-11:30			6.8152	01-08-18 09:52	4397.150646	Other	NA	Electronic	6.8115	6.8152
USDCNH	01-08-18	11:32-13:30			6.8125	01-08-18 12:52	2638.290388	Other	NA	Electronic	6.8125	6.8156
USDCNH	01-08-18	13:32-15:30			6.8276	01-08-18 13:47	4397.150646	Other	NA	Electronic	6.8243	6.8276
USDCNH	01-08-18	15:32-17:30			6.8324	01-08-18 16:34	4397.150646	Other	NA	Electronic	6.8323	6.8357
USDCNH	02-08-18	09:32-11:30			6.8644	02-08-18 09:45	12312.02181	Other	NA	Electronic	6.8614	6.8644
USDCNH	02-08-18	11:32-13:30			6.8586	02-08-18 12:37	6156.010905	Other	NA	Electronic	6.8586	6.8624

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USDCNH	02-08-18	13:32-15:30			6.8631	02-08-18 14:55	4397.150646	Other	NA	Electronic	6.8631	6.8663
USDCNH	02-08-18	15:32-17:30			6.867	02-08-18 15:36	879.4301293	Other	NA	Electronic	6.867	6.8702
USDCNH	03-08-18	09:32-11:30			6.8845	03-08-18 10:22	21985.75323	Other	NA	Electronic	6.8845	6.8883
USDCNH	03-08-18	11:30-11:32	6.8442	879.4301293								
USDCNH	03-08-18	13:32-15:30			6.842	03-08-18 15:09	9673.731422	Other	NA	Electronic	6.8387	6.842
USDCNH	06-08-18	09:32-11:30			6.8542	06-08-18 09:50	4397.150646	Other	NA	Electronic	6.8512	6.8542
USDCNH	06-08-18	11:32-13:30			6.8625	06-08-18 12:18	4397.150646	Other	NA	Electronic	6.8625	6.8658
USDCNH	06-08-18	13:32-15:30			6.8695	06-08-18 13:52	879.4301293	Other	NA	Electronic	6.8695	6.8728
USDCNH	06-08-18	15:32-17:30			6.8766	06-08-18 17:28	1758.860259	Other	NA	Electronic	6.8731	6.8766
USDCNH	07-08-18	11:32-13:30			6.8333	07-08-18 13:14	6156.010905	Other	NA	Electronic	6.8301	6.8333
USDCNH	07-08-18	13:30-13:32	6.828	6156.010905								
USDCNH	08-08-18	11:32-13:30			6.8461	08-08-18 12:52	1758.860259	Other	NA	Electronic	6.8427	6.8461
USDCNH	10-08-18	11:32-13:30			6.8552	10-08-18 11:53	879.4301293	Other	NA	Electronic	6.8552	6.8586
USDCNH	10-08-18	13:32-15:30			6.854	10-08-18 14:06	2638.290388	Other	NA	Electronic	6.854	6.857
USDCNH	10-08-18	15:32-17:30			6.8643	10-08-18 16:28	879.4301293	Other	NA	Electronic	6.8643	6.8676

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USDCNH	13-08-18	09:32-11:30			6.89	13-08-18 10:00	1758.860259	Other	NA	Electronic	6.89	6.8931
USDCNH	13-08-18	11:32-13:30			6.8983	13-08-18 11:36	879.4301293	Other	NA	Electronic	6.8953	6.8983
USDCNH	13-08-18	13:32-15:30			6.8931	13-08-18 15:11	879.4301293	Other	NA	Electronic	6.8931	6.8963
USDCNH	13-08-18	15:32-17:30			6.9044	13-08-18 16:10	1758.860259	Other	NA	Electronic	6.9012	6.9044
USDCNH	14-08-18	11:32-13:30			6.8873	14-08-18 12:32	879.4301293	Other	NA	Electronic	6.8873	6.8903
USDCNH	14-08-18	13:32-15:30			6.8973	14-08-18 15:19	879.4301293	Other	NA	Electronic	6.894	6.8973
USDCNH	14-08-18	15:32-17:30			6.9004	14-08-18 16:18	43971.50646	Other	NA	Electronic	6.8973	6.9004
USDCNH	15-08-18	13:32-15:30			6.9521	15-08-18 14:59	879.4301293	Other	NA	Electronic	6.9521	6.9552
USDCNH	15-08-18	15:32-17:30			6.952	15-08-18 16:22	879.4301293	Other	NA	Electronic	6.9486	6.952
USDCNH	16-08-18	11:32-13:30			6.8761	16-08-18 12:37	4397.150646	Other	NA	Electronic	6.8761	6.8796
USDCNH	16-08-18	13:32-15:30			6.8598	16-08-18 14:43	1758.860259	Other	NA	Electronic	6.8598	6.8631
USDCNH	20-08-18	09:32-11:30			6.8504	20-08-18 10:15	17588.60259	Other	NA	Electronic	6.8504	6.8534
USDCNH	20-08-18	13:32-15:30			6.8476	20-08-18 14:10	879.4301293	Other	NA	Electronic	6.8477	6.8509
USDCNH	20-08-18	15:32-17:30			6.8471	20-08-18 15:55	879.4301293	Other	NA	Electronic	6.8439	6.8471
USDCNH	21-08-18	11:32-13:30			6.8497	21-08-18 12:15	1758.860259	Other	NA	Electronic	6.8464	6.8497

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	21-08-18	13:32-15:30			6.8371	21-08-18 14:00	879.4301293	Other	NA	Electronic	6.8371	6.8402
USDCNH	21-08-18	15:32-17:30			6.8359	21-08-18 15:49	879.4301293	Other	NA	Electronic	6.8328	6.8359
USDCNH	22-08-18	09:32-11:30			6.8404	22-08-18 10:04	879.4301293	Other	NA	Electronic	6.8404	6.8435
USDCNH	22-08-18	11:32-13:30			6.8356	22-08-18 12:43	879.4301293	Other	NA	Electronic	6.8356	6.8389
USDCNH	22-08-18	13:32-15:30			6.8417	22-08-18 14:35	879.4301293	Other	NA	Electronic	6.8417	6.845
USDCNH	23-08-18	09:32-11:30			6.8811	23-08-18 10:11	1758.860259	Other	NA	Electronic	6.878	6.8811
USDCNH	23-08-18	11:32-13:30			6.885	23-08-18 13:19	43971.50646	Other	NA	Electronic	6.8815	6.885
USDCNH	23-08-18	13:32-15:30			6.882	23-08-18 14:09	879.4301293	Other	NA	Electronic	6.8789	6.882
USDCNH	24-08-18	09:32-11:30			6.8488	24-08-18 10:07	1758.860259	Other	NA	Electronic	6.8488	6.852
USDCNH	24-08-18	13:32-15:30			6.8154	24-08-18 14:26	879.4301293	Other	NA	Electronic	6.8123	6.8154
USDCNH	27-08-18	09:32-11:30			6.8113	27-08-18 09:42	879.4301293	Other	NA	Electronic	6.8083	6.8113
USDCNH	27-08-18	11:32-13:30			6.8072	27-08-18 13:25	879.4301293	Other	NA	Electronic	6.8042	6.8072
USDCNH	27-08-18	13:32-15:30			6.8033	27-08-18 13:50	879.4301293	Other	NA	Electronic	6.8002	6.8033
USDCNH	27-08-18	15:32-17:30			6.793	27-08-18 16:26	879.4301293	Other	NA	Electronic	6.793	6.7961
USDCNH	28-08-18	11:32-13:30			6.7857	28-08-18 12:11	2638.290388	Other	NA	Electronic	6.7857	6.7888

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	28-08-18	13:32-15:30			6.7852	28-08-18 13:35	879.4301293	Other	NA	Electronic	6.7852	6.7882
USDCNH	29-08-18	09:32-11:30			6.8303	29-08-18 10:58	879.4301293	Other	NA	Electronic	6.8271	6.8303
USDCNH	29-08-18	11:32-13:30			6.831	29-08-18 12:04	879.4301293	Other	NA	Electronic	6.831	6.8343
USDCNH	29-08-18	13:32-15:30			6.8148	29-08-18 14:15	879.4301293	Other	NA	Electronic	6.8148	6.8181
USDCNH	30-08-18	11:32-13:30			6.8397	30-08-18 12:10	879.4301293	Other	NA	Electronic	6.8366	6.8397
USDCNH	30-08-18	13:32-15:30			6.8495	30-08-18 14:45	879.4301293	Other	NA	Electronic	6.8494	6.8527
USDCNH	30-08-18	15:32-17:30			6.8599	30-08-18 15:54	879.4301293	Other	NA	Electronic	6.86	6.8631
USDCNH	31-08-18	09:32-11:30			6.8502	31-08-18 09:44	879.4301293	Other	NA	Electronic	6.8502	6.8539
USDCNH	31-08-18	11:32-13:30			6.8513	31-08-18 12:07	17588.60259	Other	NA	Electronic	6.8513	6.8544
USDCNH	31-08-18	13:32-15:30			6.8435	31-08-18 14:50	879.4301293	Other	NA	Electronic	6.8403	6.8435
USDCNH	31-08-18	15:30-15:32	6.8438	17588.60259								
USDCNH	03-09-18	11:30-11:32	6.8391	879.4301293								
USDCNH	03-09-18	13:32-15:30			6.8327	03-09-18 15:00	21985.75323	Other	NA	Electronic	6.8327	6.8361
USDCNH	03-09-18	15:32-17:30			6.834	03-09-18 15:46	879.4301293	Other	NA	Electronic	6.834	6.8371
USDCNH	04-09-18	13:32-15:30			6.8598	04-09-18 14:35	879.4301293	Other	NA	Electronic	6.8562	6.8598

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	06-09-18	11:32-13:30			6.8356	06-09-18 12:32	879.4301293	Other	NA	Electronic	6.8356	6.8387
USDCNH	06-09-18	13:32-15:30			6.8426	06-09-18 15:03	879.4301293	Other	NA	Electronic	6.8395	6.8426
USDCNH	07-09-18	15:32-17:30			6.871	07-09-18 17:23	879.4301293	Other	NA	Electronic	6.871	6.8743
USDCNH	10-09-18	11:32-13:30			6.8759	10-09-18 12:07	879.4301293	Other	NA	Electronic	6.8728	6.8759
USDCNH	10-09-18	13:32-15:30			6.8631	10-09-18 14:13	1758.860259	Other	NA	Electronic	6.8631	6.8663
USDCNH	11-09-18	13:32-15:30			6.8835	11-09-18 14:02	879.4301293	Other	NA	Electronic	6.8835	6.8865
USDCNH	11-09-18	15:32-17:30			6.8777	11-09-18 16:39	879.4301293	Other	NA	Electronic	6.8747	6.8777
USDCNH	12-09-18	13:32-15:30			6.8313	12-09-18 15:21	879.4301293	Other	NA	Electronic	6.8313	6.8346
USDCNH	12-09-18	15:32-17:30			6.8487	12-09-18 16:00	3517.720517	Other	NA	Electronic	6.8456	6.8487
USDCNH	13-09-18	13:32-15:30			6.8421	13-09-18 14:22	879.4301293	Other	NA	Electronic	6.8384	6.8421
USDCNH	14-09-18	11:32-13:30			6.8533	14-09-18 12:42	1758.860259	Other	NA	Electronic	6.8501	6.8533
USDCNH	14-09-18	13:32-15:30			6.8684	14-09-18 14:33	26382.90388	Other	NA	Electronic	6.8655	6.8686
USDCNH	14-09-18	15:32-17:30			6.8754	14-09-18 16:01	2638.290388	Other	NA	Electronic	6.8721	6.8754
USDCNH	17-09-18	13:32-15:30			6.8616	17-09-18 15:13	879.4301293	Other	NA	Electronic	6.8616	6.8648
USDCNH	18-09-18	13:32-15:30			6.8716	18-09-18 14:05	879.4301293	Other	NA	Electronic	6.8683	6.8716

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	18-09-18	15:32-17:30			6.8623	18-09-18 15:48	879.4301293	Other	NA	Electronic	6.8623	6.8655
USDCNH	19-09-18	11:32-13:30			6.8552	19-09-18 12:07	3517.720517	Other	NA	Electronic	6.8522	6.8552
USDCNH	20-09-18	09:32-11:30			6.8494	20-09-18 10:56	879.4301293	Other	NA	Electronic	6.8463	6.8494
USDCNH	20-09-18	11:32-13:30			6.8376	20-09-18 12:13	879.4301293	Other	NA	Electronic	6.8345	6.8376
USDCNH	20-09-18	15:32-17:30			6.8353	20-09-18 17:15	879.4301293	Other	NA	Electronic	6.8353	6.8386
USDCNH	21-09-18	09:32-11:30			6.8379	21-09-18 09:47	879.4301293	Other	NA	Electronic	6.8349	6.8379
USDCNH	21-09-18	11:32-13:30			6.8439	21-09-18 12:55	2638.290388	Other	NA	Electronic	6.8408	6.8439
USDCNH	21-09-18	13:32-15:30			6.8467	21-09-18 13:48	2638.290388	Other	NA	Electronic	6.8467	6.8498
USDCNH	21-09-18	15:32-17:30			6.845	21-09-18 15:40	879.4301293	Other	NA	Electronic	6.845	6.848
USDCNH	24-09-18	11:32-13:30			6.8633	24-09-18 11:42	879.4301293	Other	NA	Electronic	6.8602	6.8633
USDCNH	24-09-18	13:32-15:30			6.8627	24-09-18 14:45	4397.150646	Other	NA	Electronic	6.8627	6.8657
USDCNH	24-09-18	15:32-17:30			6.8609	24-09-18 15:35	879.4301293	Other	NA	Electronic	6.8609	6.864
USDCNH	25-09-18	09:32-11:30			6.8679	25-09-18 09:36	4397.150646	Other	NA	Electronic	6.8679	6.8709
USDCNH	25-09-18	11:32-13:30			6.8676	25-09-18 13:08	4397.150646	Other	NA	Electronic	6.8647	6.8676
USDCNH	25-09-18	13:32-15:30			6.8698	25-09-18 15:19	879.4301293	Other	NA	Electronic	6.8667	6.8698



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNH	26-09-18	09:32-11:30			6.878	26-09-18 09:46	879.4301293	Other	NA	Electronic	6.875	6.878
USDCNH	26-09-18	11:32-13:30			6.8799	26-09-18 12:58	879.4301293	Other	NA	Electronic	6.8769	6.8799
USDCNH	26-09-18	13:32-15:30			6.877	26-09-18 14:02	879.4301293	Other	NA	Electronic	6.877	6.88
USDCNH	26-09-18	15:32-17:30			6.8762	26-09-18 17:18	3517.720517	Other	NA	Electronic	6.8762	6.8793
USDCNH	27-09-18	09:32-11:30			6.8828	27-09-18 11:09	43971.50646	Other	NA	Electronic	6.8797	6.8828
USDCNH	27-09-18	11:32-13:30			6.884	27-09-18 13:04	43971.50646	Other	NA	Electronic	6.884	6.8871
USDCNH	27-09-18	15:32-17:30			6.8807	27-09-18 15:44	1758.860259	Other	NA	Electronic	6.8807	6.8838
USDCNH	28-09-18	09:32-11:30			6.8792	28-09-18 10:03	879.4301293	Other	NA	Electronic	6.8761	6.8792
USDCNH	28-09-18	13:32-15:30			6.8736	28-09-18 15:15	4397.150646	Other	NA	Electronic	6.8736	6.8767
USDCNHmicro	02-07-18	09:32-11:30			6.676	02-07-18 09:37	61.56010905	Other	NA	Electronic	6.673	6.676
USDCNHmicro	02-07-18	11:32-13:30			6.6833	02-07-18 12:01	175.8860259	Other	NA	Electronic	6.6833	6.6865
USDCNHmicro	02-07-18	13:32-15:30			6.6933	02-07-18 13:45	351.7720517	Other	NA	Electronic	6.6933	6.6964
USDCNHmicro	02-07-18	15:32-17:30			6.686	02-07-18 15:43	263.8290388	Other	NA	Electronic	6.686	6.6892
USDCNHmicro	03-07-18	09:32-11:30			6.6632	03-07-18 09:39	175.8860259	Other	NA	Electronic	6.6598	6.6632
USDCNHmicro	03-07-18	11:32-13:30			6.6591	03-07-18 11:39	888.2244306	Other	NA	Electronic	6.656	6.6592

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	03-07-18	13:32-15:30			6.6591	03-07-18 13:58	615.6010905	Other	NA	Electronic	6.6558	6.6591
USDCNHmicro	03-07-18	15:32-17:30			6.6655	03-07-18 15:50	43.97150646	Other	NA	Electronic	6.6623	6.6655
USDCNHmicro	04-07-18	09:32-11:30			6.6449	04-07-18 09:38	2638.290388	Other	NA	Electronic	6.6418	6.6449
USDCNHmicro	04-07-18	11:32-13:30			6.6424	04-07-18 12:35	8794.301293	Other	NA	Electronic	6.6393	6.6426
USDCNHmicro	04-07-18	13:32-15:30			6.6416	04-07-18 14:53	8.794301293	Other	NA	Electronic	6.6415	6.645
USDCNHmicro	04-07-18	15:32-17:30			6.6425	04-07-18 16:31	8794.301293	Other	NA	Electronic	6.6424	6.6459
USDCNHmicro	05-07-18	09:32-11:30			6.6459	05-07-18 10:39	8.794301293	Other	NA	Electronic	6.6459	6.6491
USDCNHmicro	05-07-18	11:32-13:30			6.6438	05-07-18 11:59	13191.45194	Other	NA	Electronic	6.6404	6.6438
USDCNHmicro	05-07-18	13:32-15:30			6.6545	05-07-18 14:04	351.7720517	Other	NA	Electronic	6.6515	6.6545
USDCNHmicro	05-07-18	15:32-17:30			6.6527	05-07-18 15:44	4485.093659	Other	NA	Electronic	6.6527	6.6561
USDCNHmicro	06-07-18	09:32-11:30			6.6629	06-07-18 10:26	967.3731422	Other	NA	Electronic	6.6629	6.666
USDCNHmicro	06-07-18	11:32-13:30			6.6607	06-07-18 11:39	184.6803271	Other	NA	Electronic	6.6607	6.664
USDCNHmicro	06-07-18	13:32-15:30			6.6619	06-07-18 13:33	184.6803271	Other	NA	Electronic	6.6585	6.6618
USDCNHmicro	09-07-18	09:32-11:30			6.6248	09-07-18 10:06	439.7150646	Other	NA	Electronic	6.6215	6.6249
USDCNHmicro	09-07-18	11:32-13:30			6.6223	09-07-18 11:34	87.94301293	Other	NA	Electronic	6.6191	6.6223

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USDCNHmicro	09-07-18	13:32-15:30			6.6225	09-07-18 14:00	87.94301293	Other	NA	Electronic	6.6193	6.6225
USDCNHmicro	09-07-18	15:32-17:30			6.6241	09-07-18 15:45	8794.301293	Other	NA	Electronic	6.6208	6.6241
USDCNHmicro	10-07-18	09:32-11:30			6.6378	10-07-18 10:09	87.94301293	Other	NA	Electronic	6.6378	6.6409
USDCNHmicro	10-07-18	11:32-13:30			6.6425	10-07-18 11:32	439.7150646	Other	NA	Electronic	6.6424	6.6456
USDCNHmicro	10-07-18	13:32-15:30			6.6384	10-07-18 14:07	879.4301293	Other	NA	Electronic	6.6383	6.6416
USDCNHmicro	11-07-18	09:30-09:32	6.6931	8794.301293								
USDCNHmicro	11-07-18	11:32-13:30			6.7016	11-07-18 11:56	175.8860259	Other	NA	Electronic	6.7016	6.7049
USDCNHmicro	11-07-18	13:32-15:30			6.6883	11-07-18 13:35	879.4301293	Other	NA	Electronic	6.6883	6.6915
USDCNHmicro	11-07-18	15:32-17:30			6.7141	11-07-18 16:58	879.4301293	Other	NA	Electronic	6.7112	6.7141
USDCNHmicro	12-07-18	09:32-11:30			6.6861	12-07-18 10:01	263.8290388	Other	NA	Electronic	6.6861	6.6893
USDCNHmicro	12-07-18	11:32-13:30			6.6883	12-07-18 11:40	439.7150646	Other	NA	Electronic	6.6883	6.6916
USDCNHmicro	12-07-18	13:32-15:30			6.6932	12-07-18 13:42	439.7150646	Other	NA	Electronic	6.6901	6.6932
USDCNHmicro	12-07-18	15:32-17:30			6.6793	12-07-18 15:41	439.7150646	Other	NA	Electronic	6.6793	6.6824
USDCNHmicro	13-07-18	09:32-11:30			6.7141	13-07-18 09:44	87.94301293	Other	NA	Electronic	6.7141	6.7174
USDCNHmicro	13-07-18	11:32-13:30			6.7199	13-07-18 11:58	123.1202181	Other	NA	Electronic	6.7199	6.7232

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	13-07-18	13:32-15:30			6.7103	13-07-18 13:40	879.4301293	Other	NA	Electronic	6.7103	6.7135
USDCNHmicro	13-07-18	15:32-17:30			6.7035	13-07-18 16:15	879.4301293	Other	NA	Electronic	6.7035	6.7066
USDCNHmicro	16-07-18	09:32-11:30			6.6888	16-07-18 09:42	4397.150646	Other	NA	Electronic	6.6854	6.6888
USDCNHmicro	16-07-18	11:32-13:30			6.6943	16-07-18 11:49	87.94301293	Other	NA	Electronic	6.6909	6.6943
USDCNHmicro	16-07-18	13:30-13:32	6.7031	1758.860259								
USDCNHmicro	16-07-18	15:32-17:30			6.7024	16-07-18 15:40	8.794301293	Other	NA	Electronic	6.7024	6.7058
USDCNHmicro	17-07-18	09:32-11:30			6.698	17-07-18 09:39	8.794301293	Other	NA	Electronic	6.698	6.7011
USDCNHmicro	17-07-18	11:32-13:30			6.7131	17-07-18 11:47	87.94301293	Other	NA	Electronic	6.71	6.7131
USDCNHmicro	17-07-18	13:32-15:30			6.715	17-07-18 14:29	8.794301293	Other	NA	Electronic	6.715	6.7182
USDCNHmicro	17-07-18	15:32-17:30			6.7182	17-07-18 15:32	439.7150646	Other	NA	Electronic	6.7182	6.7215
USDCNHmicro	18-07-18	11:32-13:30			6.7551	18-07-18 11:42	263.8290388	Other	NA	Electronic	6.7551	6.7584
USDCNHmicro	19-07-18	09:32-11:30			6.8017	19-07-18 09:32	879.4301293	Other	NA	Electronic	6.7986	6.8017
USDCNHmicro	19-07-18	11:30-11:32	6.7994	1319.145194								
USDCNHmicro	19-07-18	15:32-17:30			6.7988	19-07-18 15:58	87.94301293	Other	NA	Electronic	6.7955	6.7988
USDCNHmicro	20-07-18	09:32-11:30			6.7927	20-07-18 09:56	439.7150646	Other	NA	Electronic	6.7893	6.7927

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	20-07-18	13:32-15:30			6.7877	20-07-18 13:59	8.794301293	Other	NA	Electronic	6.7839	6.7877
USDCNHmicro	23-07-18	09:32-11:30			6.8063	23-07-18 09:48	439.7150646	Other	NA	Electronic	6.8063	6.8096
USDCNHmicro	23-07-18	11:32-13:30			6.8011	23-07-18 11:37	43.97150646	Other	NA	Electronic	6.7975	6.8011
USDCNHmicro	23-07-18	13:32-15:30			6.8153	23-07-18 13:54	263.8290388	Other	NA	Electronic	6.8153	6.8185
USDCNHmicro	23-07-18	15:32-17:30			6.8207	23-07-18 16:55	17.58860259	Other	NA	Electronic	6.8207	6.8238
USDCNHmicro	24-07-18	09:32-11:30			6.8084	24-07-18 10:58	87.94301293	Other	NA	Electronic	6.8055	6.8085
USDCNHmicro	24-07-18	11:32-13:30			6.8143	24-07-18 11:33	351.7720517	Other	NA	Electronic	6.8103	6.8143
USDCNHmicro	24-07-18	15:32-17:30			6.8019	24-07-18 15:33	87.94301293	Other	NA	Electronic	6.8019	6.8053
USDCNHmicro	25-07-18	09:32-11:30			6.7778	25-07-18 09:51	1758.860259	Other	NA	Electronic	6.7741	6.7778
USDCNHmicro	25-07-18	11:32-13:30			6.7723	25-07-18 11:46	87.94301293	Other	NA	Electronic	6.7688	6.7723
USDCNHmicro	25-07-18	13:30-13:32	6.7648	149.503122								
USDCNHmicro	25-07-18	15:32-17:30			6.7784	25-07-18 16:13	1319.145194	Other	NA	Electronic	6.7751	6.7784
USDCNHmicro	26-07-18	11:32-13:30			6.7942	26-07-18 13:18	87.94301293	Other	NA	Electronic	6.7942	6.7974
USDCNHmicro	26-07-18	13:32-15:30			6.8054	26-07-18 14:21	87.94301293	Other	NA	Electronic	6.8054	6.8085
USDCNHmicro	26-07-18	15:32-17:30			6.8071	26-07-18 16:28	9761.674435	Other	NA	Electronic	6.8071	6.8103

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	27-07-18	09:30-09:32	6.8456	87.94301293								
USDCNHmicro	27-07-18	11:32-13:30			6.8416	27-07-18 11:50	351.7720517	Other	NA	Electronic	6.8384	6.8416
USDCNHmicro	27-07-18	13:32-15:30			6.8306	27-07-18 13:36	5276.580776	Other	NA	Electronic	6.8272	6.8304
USDCNHmicro	27-07-18	15:32-17:30			6.8199	27-07-18 15:37	87.94301293	Other	NA	Electronic	6.8166	6.8199
USDCNHmicro	30-07-18	09:32-11:30			6.8264	30-07-18 09:33	879.4301293	Other	NA	Electronic	6.8264	6.8295
USDCNHmicro	30-07-18	11:32-13:30			6.8337	30-07-18 11:56	175.8860259	Other	NA	Electronic	6.8306	6.8337
USDCNHmicro	30-07-18	13:32-15:30			6.823	30-07-18 15:09	879.4301293	Other	NA	Electronic	6.8198	6.823
USDCNHmicro	30-07-18	15:32-17:30			6.8272	30-07-18 16:06	87.94301293	Other	NA	Electronic	6.8241	6.8272
USDCNHmicro	31-07-18	09:32-11:30			6.8457	31-07-18 09:40	8794.301293	Other	NA	Electronic	6.8424	6.8457
USDCNHmicro	31-07-18	11:32-13:30			6.8388	31-07-18 12:50	879.4301293	Other	NA	Electronic	6.8356	6.8388
USDCNHmicro	31-07-18	13:30-13:32	6.8153	967.3731422								
USDCNHmicro	31-07-18	15:32-17:30			6.8012	31-07-18 15:47	263.8290388	Other	NA	Electronic	6.7978	6.8012
USDCNHmicro	01-08-18	09:32-11:30			6.8179	01-08-18 09:43	131.9145194	Other	NA	Electronic	6.8142	6.8179
USDCNHmicro	01-08-18	11:32-13:30			6.8094	01-08-18 12:16	17.58860259	Other	NA	Electronic	6.8058	6.8094
USDCNHmicro	01-08-18	13:32-15:30			6.828	01-08-18 14:54	2198.575323	Other	NA	Electronic	6.828	6.8312

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USDCNHmicro	01-08-18	15:32-17:30			6.8259	01-08-18 15:46	976.1674435	Other	NA	Electronic	6.8259	6.8292
USDCNHmicro	02-08-18	09:32-11:30			6.8572	02-08-18 10:20	439.7150646	Other	NA	Electronic	6.8572	6.861
USDCNHmicro	02-08-18	11:32-13:30			6.8601	02-08-18 12:05	87.94301293	Other	NA	Electronic	6.8601	6.8639
USDCNHmicro	02-08-18	13:32-15:30			6.8646	02-08-18 14:46	7914.871163	Other	NA	Electronic	6.8614	6.8646
USDCNHmicro	02-08-18	15:32-17:30			6.8659	02-08-18 15:45	976.1674435	Other	NA	Electronic	6.8659	6.8691
USDCNHmicro	03-08-18	09:32-11:30			6.8887	03-08-18 10:03	87.94301293	Other	NA	Electronic	6.8887	6.8924
USDCNHmicro	03-08-18	11:30-11:32	6.83875	4441.122153								
USDCNHmicro	06-08-18	09:32-11:30			6.8578	06-08-18 09:43	8.794301293	Other	NA	Electronic	6.8548	6.8579
USDCNHmicro	06-08-18	11:32-13:30			6.8646	06-08-18 11:46	131.9145194	Other	NA	Electronic	6.8613	6.8646
USDCNHmicro	06-08-18	13:32-15:30			6.8723	06-08-18 13:45	307.8005452	Other	NA	Electronic	6.869	6.8723
USDCNHmicro	07-08-18	09:32-11:30			6.8409	07-08-18 10:24	193.4746284	Other	NA	Electronic	6.8378	6.8409
USDCNHmicro	07-08-18	11:32-13:30			6.8297	07-08-18 12:08	87.94301293	Other	NA	Electronic	6.8259	6.8297
USDCNHmicro	07-08-18	13:32-15:30			6.8266	07-08-18 14:02	448.5093659	Other	NA	Electronic	6.8267	6.8299
USDCNHmicro	08-08-18	09:32-11:30			6.8415	08-08-18 09:51	263.8290388	Other	NA	Electronic	6.8383	6.8415
USDCNHmicro	08-08-18	11:32-13:30			6.8405	08-08-18 13:01	184.6803271	Other	NA	Electronic	6.8405	6.8436

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	08-08-18	13:32-15:30			6.8375	08-08-18 14:08	263.8290388	Other	NA	Electronic	6.8343	6.8375
USDCNHmicro	09-08-18	11:32-13:30			6.8145	09-08-18 13:11	8794.301293	Other	NA	Electronic	6.8145	6.8176
USDCNHmicro	09-08-18	13:32-15:30			6.8164	09-08-18 14:05	263.8290388	Other	NA	Electronic	6.8164	6.8197
USDCNHmicro	09-08-18	15:32-17:30			6.8327	09-08-18 15:50	87.94301293	Other	NA	Electronic	6.8296	6.8327
USDCNHmicro	10-08-18	11:32-13:30			6.8587	10-08-18 12:41	87.94301293	Other	NA	Electronic	6.8587	6.8622
USDCNHmicro	10-08-18	13:32-15:30			6.8493	10-08-18 14:11	879.4301293	Other	NA	Electronic	6.8493	6.8525
USDCNHmicro	10-08-18	15:32-17:30			6.8633	10-08-18 15:51	879.4301293	Other	NA	Electronic	6.8633	6.8664
USDCNHmicro	13-08-18	09:32-11:30			6.8899	13-08-18 09:41	175.8860259	Other	NA	Electronic	6.8868	6.8899
USDCNHmicro	13-08-18	11:32-13:30			6.8895	13-08-18 11:55	263.8290388	Other	NA	Electronic	6.8861	6.8895
USDCNHmicro	13-08-18	13:32-15:30			6.8825	13-08-18 14:07	263.8290388	Other	NA	Electronic	6.8825	6.8856
USDCNHmicro	13-08-18	15:32-17:30			6.9027	13-08-18 16:49	87.94301293	Other	NA	Electronic	6.9027	6.9057
USDCNHmicro	14-08-18	09:32-11:30			6.8828	14-08-18 11:04	87.94301293	Other	NA	Electronic	6.8828	6.8857
USDCNHmicro	14-08-18	11:32-13:30			6.8931	14-08-18 13:02	87.94301293	Other	NA	Electronic	6.8899	6.8931
USDCNHmicro	14-08-18	13:32-15:30			6.8883	14-08-18 15:05	175.8860259	Other	NA	Electronic	6.8883	6.8914
USDCNHmicro	14-08-18	15:32-17:30			6.8931	14-08-18 15:43	835.4586228	Other	NA	Electronic	6.8931	6.8962



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USDCNHmicro	15-08-18	09:30-09:32	6.9196	87.94301293								
USDCNHmicro	15-08-18	11:32-13:30			6.9316	15-08-18 11:59	175.8860259	Other	NA	Electronic	6.9285	6.9316
USDCNHmicro	15-08-18	13:32-15:30			6.9423	15-08-18 13:40	87.94301293	Other	NA	Electronic	6.939	6.9423
USDCNHmicro	15-08-18	15:32-17:30			6.9544	15-08-18 15:59	131.9145194	Other	NA	Electronic	6.951	6.9544
USDCNHmicro	16-08-18	09:32-11:30			6.9015	16-08-18 09:48	87.94301293	Other	NA	Electronic	6.898	6.9015
USDCNHmicro	16-08-18	11:32-13:30			6.8759	16-08-18 12:37	8.794301293	Other	NA	Electronic	6.8758	6.8791
USDCNHmicro	16-08-18	13:32-15:30			6.8817	16-08-18 13:33	87.94301293	Other	NA	Electronic	6.8787	6.8817
USDCNHmicro	16-08-18	15:32-17:30			6.8653	16-08-18 16:16	87.94301293	Other	NA	Electronic	6.8653	6.8687
USDCNHmicro	17-08-18	13:32-15:30			6.8588	17-08-18 13:39	87.94301293	Other	NA	Electronic	6.8557	6.8588
USDCNHmicro	17-08-18	15:32-17:30			6.8531	17-08-18 16:03	1327.939495	Other	NA	Electronic	6.8531	6.8562
USDCNHmicro	20-08-18	09:32-11:30			6.8504	20-08-18 10:18	8.794301293	Other	NA	Electronic	6.8504	6.8535
USDCNHmicro	20-08-18	15:32-17:30			6.8464	20-08-18 16:40	8.794301293	Other	NA	Electronic	6.8432	6.8464
USDCNHmicro	21-08-18	09:30-09:32	6.8448	8.794301293								
USDCNHmicro	21-08-18	11:32-13:30			6.854	21-08-18 12:18	87.94301293	Other	NA	Electronic	6.8508	6.854
USDCNHmicro	21-08-18	15:32-17:30			6.8372	21-08-18 16:20	879.4301293	Other	NA	Electronic	6.834	6.8372

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDCNHmicro	22-08-18	11:32-13:30			6.8394	22-08-18 11:46	967.3731422	Other	NA	Electronic	6.8394	6.8425
USDCNHmicro	22-08-18	13:32-15:30			6.8409	22-08-18 14:24	1319.145194	Other	NA	Electronic	6.8409	6.8443
USDCNHmicro	22-08-18	15:32-17:30			6.8378	22-08-18 16:02	87.94301293	Other	NA	Electronic	6.8378	6.8409
USDCNHmicro	23-08-18	09:32-11:30			6.8748	23-08-18 09:40	105.5316155	Other	NA	Electronic	6.8748	6.8779
USDCNHmicro	23-08-18	13:32-15:30			6.8757	23-08-18 13:55	87.94301293	Other	NA	Electronic	6.8757	6.8789
USDCNHmicro	23-08-18	15:32-17:30			6.886	23-08-18 16:38	17.58860259	Other	NA	Electronic	6.886	6.8892
USDCNHmicro	24-08-18	09:32-11:30			6.8707	24-08-18 09:41	87.94301293	Other	NA	Electronic	6.8678	6.8707
USDCNHmicro	24-08-18	11:32-13:30			6.8311	24-08-18 11:32	87.94301293	Other	NA	Electronic	6.8279	6.8311
USDCNHmicro	24-08-18	13:32-15:30			6.82	24-08-18 14:04	2638.290388	Other	NA	Electronic	6.8168	6.82
USDCNHmicro	24-08-18	15:30-15:32	6.8062	87.94301293								
USDCNHmicro	27-08-18	09:32-11:30			6.8056	27-08-18 10:05	43.97150646	Other	NA	Electronic	6.8056	6.8088
USDCNHmicro	27-08-18	11:32-13:30			6.8103	27-08-18 11:56	87.94301293	Other	NA	Electronic	6.8103	6.8134
USDCNHmicro	28-08-18	11:32-13:30			6.7891	28-08-18 11:45	96.73731422	Other	NA	Electronic	6.7891	6.7921
USDCNHmicro	29-08-18	09:32-11:30			6.8253	29-08-18 10:05	87.94301293	Other	NA	Electronic	6.8253	6.8284
USDCNHmicro	29-08-18	11:32-13:30			6.8321	29-08-18 11:53	131.9145194	Other	NA	Electronic	6.8321	6.8353

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USDCNHmicro	29-08-18	13:32-15:30			6.8232	29-08-18 13:44	87.94301293	Other	NA	Electronic	6.8232	6.8264
USDCNHmicro	30-08-18	09:32-11:30			6.8401	30-08-18 10:03	131.9145194	Other	NA	Electronic	6.837	6.8401
USDCNHmicro	30-08-18	11:32-13:30			6.8409	30-08-18 11:50	87.94301293	Other	NA	Electronic	6.8409	6.844
USDCNHmicro	30-08-18	13:32-15:30			6.8511	30-08-18 13:48	87.94301293	Other	NA	Electronic	6.8479	6.8511
USDCNHmicro	30-08-18	15:32-17:30			6.8589	30-08-18 16:20	721.132706	Other	NA	Electronic	6.8557	6.8589
USDCNHmicro	03-09-18	11:32-13:30			6.8401	03-09-18 12:15	7035.441034	Other	NA	Electronic	6.8365	6.8401
USDCNHmicro	04-09-18	09:32-11:30			6.8556	04-09-18 09:47	87.94301293	Other	NA	Electronic	6.8525	6.8556
USDCNHmicro	04-09-18	11:30-11:32	6.8586	17.58860259								
USDCNHmicro	05-09-18	09:32-11:30			6.852	05-09-18 10:00	976.1674435	Other	NA	Electronic	6.852	6.855
USDCNHmicro	05-09-18	15:32-17:30			6.8485	05-09-18 15:47	87.94301293	Other	NA	Electronic	6.8485	6.8516
USDCNHmicro	06-09-18	13:32-15:30			6.8301	06-09-18 13:50	888.2244306	Other	NA	Electronic	6.8301	6.8334
USDCNHmicro	06-09-18	15:32-17:30			6.8469	06-09-18 16:33	17.58860259	Other	NA	Electronic	6.8469	6.85
USDCNHmicro	07-09-18	09:32-11:30			6.8503	07-09-18 10:48	17588.60259	Other	NA	Electronic	6.8472	6.8503
USDCNHmicro	07-09-18	11:32-13:30			6.8511	07-09-18 11:48	1758.860259	Other	NA	Electronic	6.8478	6.8511
USDCNHmicro	07-09-18	13:32-15:30			6.8484	07-09-18 15:04	87.94301293	Other	NA	Electronic	6.8453	6.8483

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USDCNHmicro	07-09-18	15:32-17:30			6.8714	07-09-18 16:32	175.8860259	Other	NA	Electronic	6.8682	6.8714
USDCNHmicro	10-09-18	09:32-11:30			6.8718	10-09-18 09:34	17.58860259	Other	NA	Electronic	6.8687	6.8718
USDCNHmicro	10-09-18	11:32-13:30			6.8748	10-09-18 12:01	4397.150646	Other	NA	Electronic	6.8718	6.8748
USDCNHmicro	10-09-18	13:32-15:30			6.8649	10-09-18 14:22	87.94301293	Other	NA	Electronic	6.8617	6.8649
USDCNHmicro	11-09-18	09:32-11:30			6.8822	11-09-18 09:37	87.94301293	Other	NA	Electronic	6.8792	6.8822
USDCNHmicro	11-09-18	11:32-13:30			6.8793	11-09-18 12:25	2638.290388	Other	NA	Electronic	6.8793	6.8822
USDCNHmicro	11-09-18	13:32-15:30			6.8868	11-09-18 14:01	2638.290388	Other	NA	Electronic	6.8837	6.8868
USDCNHmicro	12-09-18	13:32-15:30			6.8698	12-09-18 14:31	167.0917246	Other	NA	Electronic	6.8696	6.8726
USDCNHmicro	13-09-18	09:32-11:30			6.8454	13-09-18 09:59	8.794301293	Other	NA	Electronic	6.8454	6.8485
USDCNHmicro	13-09-18	11:32-13:30			6.8295	13-09-18 12:59	8.794301293	Other	NA	Electronic	6.8264	6.8296
USDCNHmicro	13-09-18	13:32-15:30			6.8265	13-09-18 13:53	8.794301293	Other	NA	Electronic	6.8234	6.8264
USDCNHmicro	13-09-18	15:32-17:30			6.8437	13-09-18 16:12	879.4301293	Other	NA	Electronic	6.8437	6.847
USDCNHmicro	14-09-18	11:32-13:30			6.8563	14-09-18 12:50	2638.290388	Other	NA	Electronic	6.8532	6.8563
USDCNHmicro	14-09-18	15:32-17:30			6.8691	14-09-18 16:00	2638.290388	Other	NA	Electronic	6.8697	6.873
USDCNHmicro	17-09-18	09:32-11:30			6.8721	17-09-18 10:30	87.94301293	Other	NA	Electronic	6.8691	6.8721

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USDCNHmicro	17-09-18	13:32-15:30			6.8669	17-09-18 14:58	879.4301293	Other	NA	Electronic	6.8637	6.8669
USDCNHmicro	17-09-18	15:32-17:30			6.8611	17-09-18 17:14	7914.871163	Other	NA	Electronic	6.8611	6.8641
USDCNHmicro	18-09-18	11:32-13:30			6.8735	18-09-18 11:48	879.4301293	Other	NA	Electronic	6.8735	6.8766
USDCNHmicro	18-09-18	13:32-15:30			6.8708	18-09-18 14:03	879.4301293	Other	NA	Electronic	6.8675	6.8708
USDCNHmicro	19-09-18	09:32-11:30			6.854	19-09-18 09:36	888.2244306	Other	NA	Electronic	6.851	6.854
USDCNHmicro	19-09-18	11:32-13:30			6.8523	19-09-18 12:12	791.4871163	Other	NA	Electronic	6.8523	6.8555
USDCNHmicro	19-09-18	13:32-15:30			6.8541	19-09-18 15:00	879.4301293	Other	NA	Electronic	6.851	6.8541
USDCNHmicro	19-09-18	15:32-17:30			6.8519	19-09-18 16:28	87.94301293	Other	NA	Electronic	6.8484	6.8519
USDCNHmicro	20-09-18	09:32-11:30			6.8564	20-09-18 09:38	87.94301293	Other	NA	Electronic	6.8564	6.8595
USDCNHmicro	20-09-18	11:32-13:30			6.8437	20-09-18 11:52	8.794301293	Other	NA	Electronic	6.8407	6.8437
USDCNHmicro	20-09-18	13:32-15:30			6.8407	20-09-18 14:16	175.8860259	Other	NA	Electronic	6.8375	6.8405
USDCNHmicro	20-09-18	15:30-15:32	6.846	879.4301293								
USDCNHmicro	21-09-18	09:32-11:30			6.84	21-09-18 11:15	219.8575323	Other	NA	Electronic	6.837	6.84
USDCNHmicro	21-09-18	11:32-13:30			6.8376	21-09-18 12:03	87.94301293	Other	NA	Electronic	6.8376	6.8407
USDCNHmicro	21-09-18	13:32-15:30			6.8454	21-09-18 13:40	26.38290388	Other	NA	Electronic	6.8454	6.8484

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USDCNHmicro	21-09-18	15:32-17:30			6.8476	21-09-18 16:17	87.94301293	Other	NA	Electronic	6.8476	6.8508
USDCNHmicro	24-09-18	09:32-11:30			6.8567	24-09-18 10:57	202.2689297	Other	NA	Electronic	6.8567	6.8598
USDCNHmicro	24-09-18	11:32-13:30			6.8629	24-09-18 11:37	87.94301293	Other	NA	Electronic	6.8598	6.8629
USDCNHmicro	24-09-18	13:30-13:32	6.857	879.4301293								
USDCNHmicro	24-09-18	15:32-17:30			6.8626	24-09-18 15:48	26.38290388	Other	NA	Electronic	6.8626	6.8657
USDCNHmicro	25-09-18	09:32-11:30			6.8685	25-09-18 10:07	87.94301293	Other	NA	Electronic	6.8685	6.8717
USDCNHmicro	25-09-18	13:32-15:30			6.8671	25-09-18 13:47	87.94301293	Other	NA	Electronic	6.8641	6.8671
USDCNHmicro	26-09-18	11:32-13:30			6.8798	26-09-18 11:41	219.8575323	Other	NA	Electronic	6.8768	6.8798
USDCNHmicro	26-09-18	15:32-17:30			6.8784	26-09-18 16:19	879.4301293	Other	NA	Electronic	6.8754	6.8784
USDCNHmicro	27-09-18	11:32-13:30			6.8792	27-09-18 11:40	43.97150646	Other	NA	Electronic	6.8792	6.8822
USDCNHmicro	27-09-18	13:32-15:30			6.8842	27-09-18 15:10	351.7720517	Other	NA	Electronic	6.8811	6.8842
USDCNHmicro	27-09-18	15:32-17:30			6.8817	27-09-18 17:19	879.4301293	Other	NA	Electronic	6.8817	6.885
USDCNHmicro	28-09-18	11:32-13:30			6.8771	28-09-18 13:14	43.97150646	Other	NA	Electronic	6.8739	6.8771
USDCNHmicro	28-09-18	13:32-15:30			6.8785	28-09-18 14:05	307.8005452	Other	NA	Electronic	6.8753	6.8785
USDCNHmicro	28-09-18	15:32-17:30			6.8724	28-09-18 15:42	879.4301293	Other	NA	Electronic	6.8724	6.8755

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKK	03-07-18	13:32-15:30			6.38689	03-07-18 14:41	879.4301293	Other	NA	Electronic	6.38689	6.3899
USDDKK	04-07-18	11:32-13:30			6.40519	04-07-18 11:58	879.4301293	Other	NA	Electronic	6.40221	6.40519
USDDKK	06-07-18	15:32-17:30			6.34516	06-07-18 16:54	879.4301293	Other	NA	Electronic	6.34516	6.34814
USDDKK	09-07-18	11:32-13:30			6.3256	09-07-18 11:34	879.4301293	Other	NA	Electronic	6.3256	6.32854
USDDKK	09-07-18	13:32-15:30			6.33806	09-07-18 14:20	2638.290388	Other	NA	Electronic	6.33806	6.34109
USDDKK	10-07-18	09:32-11:30			6.35888	10-07-18 09:35	879.4301293	Other	NA	Electronic	6.35593	6.35888
USDDKK	10-07-18	13:32-15:30			6.36728	10-07-18 14:31	17588.60259	Other	NA	Electronic	6.36429	6.36728
USDDKK	13-07-18	11:32-13:30			6.39996	13-07-18 13:17	87943.01293	Other	NA	Electronic	6.39996	6.40296
USDDKK	13-07-18	15:32-17:30			6.38646	13-07-18 16:54	87943.01293	Other	NA	Electronic	6.38355	6.38646
USDDKK	17-07-18	09:32-11:30			6.35666	17-07-18 10:06	8794.301293	Other	NA	Electronic	6.35369	6.35666
USDDKK	17-07-18	11:32-13:30			6.36607	17-07-18 11:41	2638.290388	Other	NA	Electronic	6.36312	6.36607
USDDKK	17-07-18	13:32-15:30			6.37644	17-07-18 13:56	8794.301293	Other	NA	Electronic	6.37647	6.37946
USDDKK	18-07-18	09:32-11:30			6.40663	18-07-18 10:03	8794.301293	Other	NA	Electronic	6.40666	6.40957
USDDKK	18-07-18	11:32-13:30			6.41696	18-07-18 11:35	8794.301293	Other	NA	Electronic	6.41401	6.41696
USDDKK	18-07-18	13:32-15:30			6.40649	18-07-18 13:41	8794.301293	Other	NA	Electronic	6.4035	6.40649

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKK	19-07-18	09:32-11:30			6.4302	19-07-18 11:04	879.4301293	Other	NA	Electronic	6.4302	6.43326
USDDKK	19-07-18	11:32-13:30			6.43261	19-07-18 12:37	8794.301293	Other	NA	Electronic	6.43261	6.43558
USDDKK	19-07-18	13:32-15:30			6.41897	19-07-18 14:26	13191.45194	Other	NA	Electronic	6.41598	6.41897
USDDKK	25-07-18	11:32-13:30			6.36825	25-07-18 11:48	879.4301293	Other	NA	Electronic	6.36825	6.37122
USDDKK	25-07-18	15:32-17:30			6.37687	25-07-18 17:04	17588.60259	Other	NA	Electronic	6.37687	6.37981
USDDKK	26-07-18	09:32-11:30			6.36262	26-07-18 10:02	879.4301293	Other	NA	Electronic	6.35966	6.36262
USDDKK	26-07-18	13:32-15:30			6.3875	26-07-18 15:17	43971.50646	Other	NA	Electronic	6.38744	6.39056
USDDKK	26-07-18	15:32-17:30			6.38759	26-07-18 15:33	879.4301293	Other	NA	Electronic	6.38759	6.39061
USDDKK	27-07-18	09:32-11:30			6.40306	27-07-18 09:35	879.4301293	Other	NA	Electronic	6.40306	6.406
USDDKK	01-08-18	13:32-15:30			6.3777	01-08-18 13:49	1758.860259	Other	NA	Electronic	6.37767	6.38068
USDDKK	01-08-18	15:32-17:30			6.38476	01-08-18 16:45	879.4301293	Other	NA	Electronic	6.38476	6.38772
USDDKK	10-08-18	13:32-15:30			6.52066	10-08-18 14:28	879.4301293	Other	NA	Electronic	6.51778	6.52066
USDDKK	17-08-18	13:32-15:30			6.53591	17-08-18 13:34	1758.860259	Other	NA	Electronic	6.53591	6.53877
USDDKK	20-08-18	09:32-11:30			6.53312	20-08-18 11:06	3517.720517	Other	NA	Electronic	6.53312	6.53598
USDDKK	20-08-18	15:32-17:30			6.50899	20-08-18 17:01	2638.290388	Other	NA	Electronic	6.50601	6.50899



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKK	24-08-18	13:32-15:30			6.42095	24-08-18 14:11	879.4301293	Other	NA	Electronic	6.4181	6.42095
USDDKK	07-09-18	09:32-11:30			6.41018	07-09-18 10:02	879.4301293	Other	NA	Electronic	6.40739	6.41021
USDDKK	07-09-18	11:32-13:30			6.4193	07-09-18 12:28	879.4301293	Other	NA	Electronic	6.4193	6.42218
USDDKK	13-09-18	09:32-11:30			6.41978	13-09-18 10:00	879.4301293	Other	NA	Electronic	6.41978	6.42261
USDDKK	18-09-18	11:32-13:30			6.38417	18-09-18 12:30	879.4301293	Other	NA	Electronic	6.38132	6.38417
USDDKK	21-09-18	13:32-15:30			6.34455	21-09-18 14:41	26382.90388	Other	NA	Electronic	6.34455	6.34739
USDDKK	25-09-18	11:32-13:30			6.3355	25-09-18 12:56	879.4301293	Other	NA	Electronic	6.33268	6.3355
USDDKK	25-09-18	13:32-15:30			6.33695	25-09-18 15:21	879.4301293	Other	NA	Electronic	6.33695	6.33977
USDDKK	28-09-18	11:32-13:30			6.43373	28-09-18 13:06	15829.74233	Other	NA	Electronic	6.43385	6.43667
USDDKK.	02-07-18	15:30-15:32	6.42365	4397.150646								
USDDKK.	09-07-18	11:32-13:30			6.3271	09-07-18 13:01	92340.16357	Other	NA	Electronic	6.3271	6.32795
USDDKK.	16-07-18	11:32-13:30			6.36291	16-07-18 12:49	879.4301293	Other	NA	Electronic	6.36291	6.36377
USDDKK.	17-07-18	09:32-11:30			6.35804	17-07-18 10:20	10553.16155	Other	NA	Electronic	6.35801	6.35884
USDDKK.	19-07-18	11:32-13:30			6.43913	19-07-18 12:30	92340.16357	Other	NA	Electronic	6.43756	6.4385
USDDKK.	20-07-18	11:32-13:30			6.39047	20-07-18 11:56	879.4301293	Other	NA	Electronic	6.38973	6.39047

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKK.	20-08-18	09:32-11:30			6.54315	20-08-18 10:29	4397.150646	Other	NA	Electronic	6.54247	6.54315
USDDKK.	04-09-18	09:32-11:30			6.44788	04-09-18 11:04	3517.720517	Other	NA	Electronic	6.44788	6.44857
USDDKK.	04-09-18	11:32-13:30			6.44644	04-09-18 12:38	3517.720517	Other	NA	Electronic	6.44575	6.44644
USDDKK.	04-09-18	15:32-17:30			6.43662	04-09-18 17:04	879.4301293	Other	NA	Electronic	6.43662	6.43745
USDDKK.	20-09-18	09:32-11:30			6.36623	20-09-18 10:44	879.4301293	Other	NA	Electronic	6.36554	6.36623
USDDKK.	20-09-18	11:30-11:32	6.35455	2638.290388								
USDDKK.	26-09-18	11:32-13:30			6.35262	26-09-18 11:43	879.4301293	Other	NA	Electronic	6.35195	6.35262
USDDKKmicro	02-07-18	09:32-11:30			6.40373	02-07-18 11:16	8.794301293	Other	NA	Electronic	6.40077	6.40373
USDDKKmicro	02-07-18	11:32-13:30			6.4159	02-07-18 13:01	131.9145194	Other	NA	Electronic	6.41293	6.4159
USDDKKmicro	02-07-18	13:32-15:30			6.42186	02-07-18 14:20	8.794301293	Other	NA	Electronic	6.41892	6.42186
USDDKKmicro	03-07-18	09:32-11:30			6.39185	03-07-18 10:00	43.97150646	Other	NA	Electronic	6.39185	6.39482
USDDKKmicro	03-07-18	11:32-13:30			6.38927	03-07-18 12:06	105.5316155	Other	NA	Electronic	6.38624	6.38927
USDDKKmicro	03-07-18	13:32-15:30			6.39532	03-07-18 15:02	923.4016357	Other	NA	Electronic	6.39532	6.39829
USDDKKmicro	03-07-18	15:32-17:30			6.39788	03-07-18 16:56	158.2974233	Other	NA	Electronic	6.39493	6.39777
USDDKKmicro	04-07-18	09:32-11:30			6.4014	04-07-18 10:28	2638.290388	Other	NA	Electronic	6.4014	6.40436

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	04-07-18	15:32-17:30			6.39164	04-07-18 16:32	2638.290388	Other	NA	Electronic	6.38869	6.39164
USDDKKmicro	05-07-18	09:32-11:30			6.37364	05-07-18 10:22	633.1896931	Other	NA	Electronic	6.37073	6.37364
USDDKKmicro	05-07-18	13:32-15:30			6.37327	05-07-18 14:03	879.4301293	Other	NA	Electronic	6.3705	6.37327
USDDKKmicro	06-07-18	09:32-11:30			6.36239	06-07-18 10:20	940.9902383	Other	NA	Electronic	6.36239	6.36535
USDDKKmicro	06-07-18	11:32-13:30			6.35952	06-07-18 12:19	87.94301293	Other	NA	Electronic	6.3566	6.35952
USDDKKmicro	06-07-18	13:32-15:30			6.33899	06-07-18 13:57	43.97150646	Other	NA	Electronic	6.33902	6.34201
USDDKKmicro	06-07-18	15:32-17:30			6.34825	06-07-18 15:49	87.94301293	Other	NA	Electronic	6.34825	6.35117
USDDKKmicro	09-07-18	09:32-11:30			6.33331	09-07-18 10:21	131.9145194	Other	NA	Electronic	6.3333	6.33627
USDDKKmicro	10-07-18	09:32-11:30			6.36448	10-07-18 10:43	87.94301293	Other	NA	Electronic	6.36155	6.36448
USDDKKmicro	10-07-18	11:32-13:30			6.36786	10-07-18 11:47	263.8290388	Other	NA	Electronic	6.36489	6.36786
USDDKKmicro	10-07-18	13:32-15:30			6.36346	10-07-18 13:34	756.3099112	Other	NA	Electronic	6.3605	6.36346
USDDKKmicro	11-07-18	09:32-11:30			6.37109	11-07-18 09:36	1028.933251	Other	NA	Electronic	6.36809	6.37109
USDDKKmicro	11-07-18	11:32-13:30			6.3521	11-07-18 12:14	263.8290388	Other	NA	Electronic	6.34888	6.35205
USDDKKmicro	11-07-18	13:32-15:30			6.34075	11-07-18 13:36	879.4301293	Other	NA	Electronic	6.34075	6.34362
USDDKKmicro	11-07-18	15:32-17:30			6.37161	11-07-18 17:01	8.794301293	Other	NA	Electronic	6.37161	6.37452

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USDDKKmicro	12-07-18	09:30-09:32	6.38151	1028.933251								
USDDKKmicro	12-07-18	11:32-13:30			6.39489	12-07-18 11:35	8.794301293	Other	NA	Electronic	6.39489	6.39779
USDDKKmicro	12-07-18	15:32-17:30			6.38137	12-07-18 15:39	8.794301293	Other	NA	Electronic	6.37837	6.38137
USDDKKmicro	13-07-18	11:32-13:30			6.40536	13-07-18 13:03	8.794301293	Other	NA	Electronic	6.40232	6.40536
USDDKKmicro	13-07-18	13:32-15:30			6.39714	13-07-18 14:42	131.9145194	Other	NA	Electronic	6.39714	6.40015
USDDKKmicro	16-07-18	09:32-11:30			6.3658	16-07-18 09:32	87.94301293	Other	NA	Electronic	6.3658	6.3686
USDDKKmicro	16-07-18	11:32-13:30			6.36408	16-07-18 12:30	2638.290388	Other	NA	Electronic	6.36109	6.36408
USDDKKmicro	17-07-18	09:32-11:30			6.35026	17-07-18 09:35	17.58860259	Other	NA	Electronic	6.35026	6.35315
USDDKKmicro	17-07-18	11:32-13:30			6.37399	17-07-18 13:26	439.7150646	Other	NA	Electronic	6.37096	6.37399
USDDKKmicro	17-07-18	13:32-15:30			6.37156	17-07-18 13:38	131.9145194	Other	NA	Electronic	6.37156	6.37455
USDDKKmicro	17-07-18	15:32-17:30			6.38436	17-07-18 15:46	43.97150646	Other	NA	Electronic	6.3813	6.3843
USDDKKmicro	18-07-18	09:32-11:30			6.40688	18-07-18 10:03	4397.150646	Other	NA	Electronic	6.40688	6.40979
USDDKKmicro	18-07-18	11:32-13:30			6.42105	18-07-18 12:08	43.97150646	Other	NA	Electronic	6.42105	6.42402
USDDKKmicro	18-07-18	13:32-15:30			6.39775	18-07-18 14:38	131.9145194	Other	NA	Electronic	6.39784	6.40095
USDDKKmicro	18-07-18	15:32-17:30			6.40673	18-07-18 15:48	87.94301293	Other	NA	Electronic	6.4037	6.40673

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	19-07-18	09:32-11:30			6.42284	19-07-18 10:06	879.4301293	Other	NA	Electronic	6.42296	6.4258
USDDKKmicro	19-07-18	11:32-13:30			6.42907	19-07-18 11:56	87.94301293	Other	NA	Electronic	6.42611	6.4291
USDDKKmicro	19-07-18	15:32-17:30			6.40087	19-07-18 17:08	87.94301293	Other	NA	Electronic	6.4009	6.40393
USDDKKmicro	20-07-18	09:32-11:30			6.40103	20-07-18 10:48	175.8860259	Other	NA	Electronic	6.39806	6.40103
USDDKKmicro	20-07-18	13:32-15:30			6.36272	20-07-18 14:30	439.7150646	Other	NA	Electronic	6.36272	6.36569
USDDKKmicro	23-07-18	13:32-15:30			6.36872	23-07-18 15:24	439.7150646	Other	NA	Electronic	6.36574	6.36872
USDDKKmicro	23-07-18	15:32-17:30			6.36199	23-07-18 15:50	2638.290388	Other	NA	Electronic	6.36199	6.36498
USDDKKmicro	24-07-18	09:32-11:30			6.3691	24-07-18 10:11	87.94301293	Other	NA	Electronic	6.36615	6.3691
USDDKKmicro	24-07-18	13:32-15:30			6.36268	24-07-18 14:00	263.8290388	Other	NA	Electronic	6.36268	6.36566
USDDKKmicro	24-07-18	15:32-17:30			6.37352	24-07-18 15:51	87.94301293	Other	NA	Electronic	6.37346	6.37636
USDDKKmicro	25-07-18	09:30-09:32	6.36907	263.8290388								
USDDKKmicro	25-07-18	13:32-15:30			6.3689	25-07-18 13:59	1758.860259	Other	NA	Electronic	6.3689	6.37186
USDDKKmicro	25-07-18	15:32-17:30			6.37996	25-07-18 16:38	87.94301293	Other	NA	Electronic	6.377	6.37996
USDDKKmicro	26-07-18	11:32-13:30			6.36214	26-07-18 12:17	87.94301293	Other	NA	Electronic	6.35921	6.36214
USDDKKmicro	26-07-18	13:32-15:30			6.39408	26-07-18 14:40	87.94301293	Other	NA	Electronic	6.39112	6.39408

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	26-07-18	15:32-17:30			6.39202	26-07-18 16:03	87.94301293	Other	NA	Electronic	6.39202	6.39489
USDDKKmicro	27-07-18	11:32-13:30			6.40748	27-07-18 12:27	439.7150646	Other	NA	Electronic	6.40451	6.40748
USDDKKmicro	27-07-18	13:32-15:30			6.38759	27-07-18 14:29	439.7150646	Other	NA	Electronic	6.38759	6.39061
USDDKKmicro	30-07-18	09:32-11:30			6.37441	30-07-18 09:44	87.94301293	Other	NA	Electronic	6.37165	6.37441
USDDKKmicro	30-07-18	11:32-13:30			6.37817	30-07-18 12:36	439.7150646	Other	NA	Electronic	6.37518	6.37817
USDDKKmicro	30-07-18	13:32-15:30			6.36353	30-07-18 13:48	87.94301293	Other	NA	Electronic	6.36353	6.36652
USDDKKmicro	30-07-18	15:32-17:30			6.35866	30-07-18 15:44	131.9145194	Other	NA	Electronic	6.35571	6.35866
USDDKKmicro	31-07-18	09:32-11:30			6.35384	31-07-18 10:30	87.94301293	Other	NA	Electronic	6.3509	6.35384
USDDKKmicro	31-07-18	11:32-13:30			6.34713	31-07-18 11:51	131.9145194	Other	NA	Electronic	6.34713	6.35007
USDDKKmicro	31-07-18	13:32-15:30			6.36906	31-07-18 15:09	87.94301293	Other	NA	Electronic	6.36906	6.37208
USDDKKmicro	31-07-18	15:32-17:30			6.36692	31-07-18 15:43	448.5093659	Other	NA	Electronic	6.36397	6.36692
USDDKKmicro	01-08-18	09:32-11:30			6.37816	01-08-18 09:42	8.794301293	Other	NA	Electronic	6.37816	6.38108
USDDKKmicro	01-08-18	11:32-13:30			6.37265	01-08-18 12:16	87.94301293	Other	NA	Electronic	6.37265	6.37564
USDDKKmicro	01-08-18	13:32-15:30			6.38122	01-08-18 14:23	263.8290388	Other	NA	Electronic	6.37825	6.38122
USDDKKmicro	01-08-18	15:32-17:30			6.38556	01-08-18 16:02	175.8860259	Other	NA	Electronic	6.38556	6.38847

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	02-08-18	09:32-11:30			6.4151	02-08-18 09:50	3517.720517	Other	NA	Electronic	6.41513	6.41807
USDDKKmicro	02-08-18	11:32-13:30			6.42192	02-08-18 11:49	87.94301293	Other	NA	Electronic	6.41896	6.42192
USDDKKmicro	02-08-18	13:32-15:30			6.41385	02-08-18 15:02	43.97150646	Other	NA	Electronic	6.41391	6.41676
USDDKKmicro	02-08-18	15:32-17:30			6.41316	02-08-18 16:06	8794.301293	Other	NA	Electronic	6.41316	6.41614
USDDKKmicro	03-08-18	09:32-11:30			6.43975	03-08-18 10:53	439.7150646	Other	NA	Electronic	6.4368	6.43975
USDDKKmicro	03-08-18	11:32-13:30			6.42094	03-08-18 11:37	87.94301293	Other	NA	Electronic	6.41796	6.42097
USDDKKmicro	06-08-18	11:32-13:30			6.45512	06-08-18 12:50	175.8860259	Other	NA	Electronic	6.45509	6.45808
USDDKKmicro	06-08-18	15:32-17:30			6.44772	06-08-18 16:07	8794.301293	Other	NA	Electronic	6.44483	6.44772
USDDKKmicro	07-08-18	11:32-13:30			6.42501	07-08-18 12:32	8794.301293	Other	NA	Electronic	6.42208	6.42501
USDDKKmicro	08-08-18	09:32-11:30			6.42465	08-08-18 09:51	87.94301293	Other	NA	Electronic	6.42465	6.42756
USDDKKmicro	08-08-18	11:32-13:30			6.43849	08-08-18 12:37	87.94301293	Other	NA	Electronic	6.43544	6.43845
USDDKKmicro	08-08-18	15:32-17:30			6.42859	08-08-18 16:07	879.4301293	Other	NA	Electronic	6.42537	6.42859
USDDKKmicro	09-08-18	09:30-09:32	6.42969	967.3731422								
USDDKKmicro	09-08-18	13:32-15:30			6.44525	09-08-18 15:12	87.94301293	Other	NA	Electronic	6.44525	6.4481
USDDKKmicro	09-08-18	15:32-17:30			6.45167	09-08-18 16:13	87.94301293	Other	NA	Electronic	6.44881	6.45167

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	10-08-18	09:32-11:30			6.4994	10-08-18 09:38	879.4301293	Other	NA	Electronic	6.49653	6.4994
USDDKKmicro	10-08-18	11:32-13:30			6.52204	10-08-18 13:15	1758.860259	Other	NA	Electronic	6.52204	6.52518
USDDKKmicro	10-08-18	13:32-15:30			6.52473	10-08-18 13:59	175.8860259	Other	NA	Electronic	6.52473	6.52764
USDDKKmicro	10-08-18	15:32-17:30			6.53794	10-08-18 15:57	175.8860259	Other	NA	Electronic	6.53794	6.54104
USDDKKmicro	13-08-18	09:32-11:30			6.55378	13-08-18 11:09	35.17720517	Other	NA	Electronic	6.55092	6.55377
USDDKKmicro	13-08-18	11:32-13:30			6.53817	13-08-18 12:05	26.38290388	Other	NA	Electronic	6.53817	6.54101
USDDKKmicro	13-08-18	13:32-15:30			6.52324	13-08-18 13:49	35.17720517	Other	NA	Electronic	6.52036	6.52324
USDDKKmicro	13-08-18	15:32-17:30			6.53257	13-08-18 15:47	35.17720517	Other	NA	Electronic	6.53257	6.53542
USDDKKmicro	14-08-18	11:32-13:30			6.54593	14-08-18 12:51	87.94301293	Other	NA	Electronic	6.54307	6.54593
USDDKKmicro	14-08-18	13:32-15:30			6.5477	14-08-18 14:06	439.7150646	Other	NA	Electronic	6.54754	6.55042
USDDKKmicro	15-08-18	09:32-11:30			6.58952	15-08-18 10:51	879.4301293	Other	NA	Electronic	6.58952	6.59241
USDDKKmicro	15-08-18	11:32-13:30			6.58966	15-08-18 11:54	87.94301293	Other	NA	Electronic	6.58682	6.58966
USDDKKmicro	15-08-18	13:32-15:30			6.59547	15-08-18 13:46	26.38290388	Other	NA	Electronic	6.59258	6.59547
USDDKKmicro	15-08-18	15:32-17:30			6.57332	15-08-18 17:13	8.794301293	Other	NA	Electronic	6.57039	6.57332
USDDKKmicro	16-08-18	11:32-13:30			6.55434	16-08-18 11:33	35.17720517	Other	NA	Electronic	6.55434	6.55721



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	16-08-18	13:32-15:30			6.53762	16-08-18 13:53	35.17720517	Other	NA	Electronic	6.53474	6.53762
USDDKKmicro	16-08-18	15:32-17:30			6.56073	16-08-18 17:04	8.794301293	Other	NA	Electronic	6.56073	6.56356
USDDKKmicro	17-08-18	11:32-13:30			6.54042	17-08-18 13:28	703.5441034	Other	NA	Electronic	6.53756	6.54042
USDDKKmicro	17-08-18	15:32-17:30			6.53822	17-08-18 16:56	8.794301293	Other	NA	Electronic	6.53538	6.53822
USDDKKmicro	20-08-18	09:32-11:30			6.53792	20-08-18 09:50	307.8005452	Other	NA	Electronic	6.53507	6.53792
USDDKKmicro	20-08-18	15:32-17:30			6.50666	20-08-18 16:21	879.4301293	Other	NA	Electronic	6.50666	6.50954
USDDKKmicro	21-08-18	09:32-11:30			6.47104	21-08-18 10:56	316.5948465	Other	NA	Electronic	6.47104	6.47387
USDDKKmicro	21-08-18	15:32-17:30			6.44936	21-08-18 16:55	87.94301293	Other	NA	Electronic	6.44549	6.44936
USDDKKmicro	22-08-18	09:32-11:30			6.43732	22-08-18 09:40	879.4301293	Other	NA	Electronic	6.43448	6.43732
USDDKKmicro	22-08-18	11:32-13:30			6.42419	22-08-18 12:55	175.8860259	Other	NA	Electronic	6.42136	6.42419
USDDKKmicro	23-08-18	15:32-17:30			6.46227	23-08-18 17:05	1758.860259	Other	NA	Electronic	6.46227	6.46523
USDDKKmicro	24-08-18	13:32-15:30			6.41178	24-08-18 14:06	131.9145194	Other	NA	Electronic	6.40869	6.41178
USDDKKmicro	27-08-18	09:32-11:30			6.42089	27-08-18 09:57	131.9145194	Other	NA	Electronic	6.41803	6.42089
USDDKKmicro	27-08-18	11:32-13:30			6.41064	27-08-18 12:36	87.94301293	Other	NA	Electronic	6.4077	6.41064
USDDKKmicro	27-08-18	13:30-13:32	6.40378	87.94301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDDKKmicro	27-08-18	15:32-17:30			6.38371	27-08-18 16:51	87.94301293	Other	NA	Electronic	6.38089	6.38371
USDDKKmicro	28-08-18	09:32-11:30			6.37469	28-08-18 09:52	87.94301293	Other	NA	Electronic	6.37187	6.37472
USDDKKmicro	28-08-18	11:32-13:30			6.36975	28-08-18 11:48	87.94301293	Other	NA	Electronic	6.36696	6.3698
USDDKKmicro	28-08-18	13:32-15:30			6.363	28-08-18 13:36	87.94301293	Other	NA	Electronic	6.36016	6.363
USDDKKmicro	29-08-18	09:32-11:30			6.39627	29-08-18 11:10	87.94301293	Other	NA	Electronic	6.39627	6.39925
USDDKKmicro	29-08-18	11:32-13:30			6.39223	29-08-18 12:50	87.94301293	Other	NA	Electronic	6.39223	6.39505
USDDKKmicro	29-08-18	13:32-15:30			6.37649	29-08-18 14:02	17.58860259	Other	NA	Electronic	6.37649	6.37944
USDDKKmicro	30-08-18	09:32-11:30			6.37854	30-08-18 09:35	8.794301293	Other	NA	Electronic	6.3757	6.37854
USDDKKmicro	30-08-18	13:32-15:30			6.39881	30-08-18 13:36	87.94301293	Other	NA	Electronic	6.39881	6.40172
USDDKKmicro	30-08-18	15:32-17:30			6.39903	30-08-18 15:42	87.94301293	Other	NA	Electronic	6.39903	6.40188
USDDKKmicro	31-08-18	09:32-11:30			6.38919	31-08-18 10:10	87.94301293	Other	NA	Electronic	6.38919	6.39202
USDDKKmicro	31-08-18	11:32-13:30			6.40094	31-08-18 12:13	43.97150646	Other	NA	Electronic	6.39807	6.40094
USDDKKmicro	31-08-18	13:32-15:30			6.40281	31-08-18 14:49	87.94301293	Other	NA	Electronic	6.4	6.40281
USDDKKmicro	31-08-18	15:32-17:30			6.431	31-08-18 16:05	87.94301293	Other	NA	Electronic	6.42804	6.431
USDDKKmicro	04-09-18	09:32-11:30			6.4517	04-09-18 09:59	518.8637763	Other	NA	Electronic	6.44887	6.4517

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USDDKKmicro	04-09-18	11:32-13:30			6.45186	04-09-18 12:17	87.94301293	Other	NA	Electronic	6.44901	6.45186
USDDKKmicro	04-09-18	13:32-15:30			6.45987	04-09-18 14:29	17.58860259	Other	NA	Electronic	6.45704	6.45987
USDDKKmicro	04-09-18	15:32-17:30			6.43902	04-09-18 17:06	87.94301293	Other	NA	Electronic	6.43604	6.43902
USDDKKmicro	05-09-18	11:32-13:30			6.43394	05-09-18 11:38	8.794301293	Other	NA	Electronic	6.43394	6.43677
USDDKKmicro	05-09-18	13:32-15:30			6.41555	05-09-18 14:10	87.94301293	Other	NA	Electronic	6.41271	6.41555
USDDKKmicro	06-09-18	11:32-13:30			6.41131	06-09-18 13:28	87.94301293	Other	NA	Electronic	6.40848	6.41131
USDDKKmicro	06-09-18	13:30-13:32	6.40881	87.94301293								
USDDKKmicro	06-09-18	15:32-17:30			6.41635	06-09-18 15:59	87.94301293	Other	NA	Electronic	6.41354	6.41635
USDDKKmicro	07-09-18	09:32-11:30			6.41282	07-09-18 11:04	87.94301293	Other	NA	Electronic	6.41282	6.41566
USDDKKmicro	07-09-18	11:32-13:30			6.42395	07-09-18 11:32	87.94301293	Other	NA	Electronic	6.42395	6.4268
USDDKKmicro	07-09-18	13:32-15:30			6.44261	07-09-18 13:53	123.1202181	Other	NA	Electronic	6.44261	6.4455
USDDKKmicro	07-09-18	15:32-17:30			6.44891	07-09-18 16:17	87.94301293	Other	NA	Electronic	6.44608	6.44891
USDDKKmicro	10-09-18	11:32-13:30			6.44501	10-09-18 11:38	87.94301293	Other	NA	Electronic	6.44214	6.44501
USDDKKmicro	10-09-18	15:32-17:30			6.42731	10-09-18 17:05	87.94301293	Other	NA	Electronic	6.42731	6.43026
USDDKKmicro	11-09-18	09:32-11:30			6.43684	11-09-18 11:24	87.94301293	Other	NA	Electronic	6.43684	6.43969

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USDDKKmicro	11-09-18	11:32-13:30			6.44146	11-09-18 13:04	17.58860259	Other	NA	Electronic	6.43862	6.44146
USDDKKmicro	11-09-18	13:30-13:32	6.44157	70.35441034								
USDDKKmicro	11-09-18	15:32-17:30			6.43705	11-09-18 16:00	17.58860259	Other	NA	Electronic	6.43422	6.43705
USDDKKmicro	13-09-18	15:32-17:30			6.38833	13-09-18 16:43	87.94301293	Other	NA	Electronic	6.38551	6.38833
USDDKKmicro	14-09-18	13:32-15:30			6.40133	14-09-18 14:20	105.5316155	Other	NA	Electronic	6.39853	6.40139
USDDKKmicro	14-09-18	15:32-17:30			6.40408	14-09-18 16:01	105.5316155	Other	NA	Electronic	6.40452	6.40774
USDDKKmicro	18-09-18	11:32-13:30			6.37128	18-09-18 13:11	87.94301293	Other	NA	Electronic	6.36844	6.37128
USDDKKmicro	18-09-18	13:32-15:30			6.37377	18-09-18 14:00	87.94301293	Other	NA	Electronic	6.37377	6.37673
USDDKKmicro	20-09-18	09:32-11:30			6.37374	20-09-18 09:50	8.794301293	Other	NA	Electronic	6.37092	6.37374
USDDKKmicro	20-09-18	11:32-13:30			6.35028	20-09-18 11:35	879.4301293	Other	NA	Electronic	6.35028	6.35312
USDDKKmicro	20-09-18	13:32-15:30			6.3443	20-09-18 13:59	87.94301293	Other	NA	Electronic	6.3443	6.34712
USDDKKmicro	24-09-18	11:30-11:32	6.33909	272.6233401								
USDDKKmicro	24-09-18	15:32-17:30			6.33746	24-09-18 15:37	659.572597	Other	NA	Electronic	6.33464	6.33746
USDDKKmicro	25-09-18	09:32-11:30			6.33111	25-09-18 11:23	879.4301293	Other	NA	Electronic	6.33111	6.33397
USDDKKmicro	25-09-18	15:32-17:30			6.33946	25-09-18 15:46	8.794301293	Other	NA	Electronic	6.33664	6.33946

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USDDKKmicro	26-09-18	11:32-13:30			6.34849	26-09-18 11:40	193.4746284	Other	NA	Electronic	6.34849	6.35133
USDDKKmicro	27-09-18	09:32-11:30			6.37008	27-09-18 11:24	8.794301293	Other	NA	Electronic	6.36724	6.37008
USDDKKmicro	27-09-18	11:32-13:30			6.38151	27-09-18 12:29	879.4301293	Other	NA	Electronic	6.37804	6.38151
USDDKKmicro	28-09-18	11:32-13:30			6.43742	28-09-18 12:34	879.4301293	Other	NA	Electronic	6.43746	6.44029
USDDKKmicro	28-09-18	13:32-15:30			6.4373	28-09-18 13:37	43.97150646	Other	NA	Electronic	6.4373	6.44014
USDDKKmicro	28-09-18	15:32-17:30			6.41471	28-09-18 15:55	17.58860259	Other	NA	Electronic	6.41189	6.41471
USDHKD	02-07-18	11:32-13:30			7.843	02-07-18 13:26	879.4301293	Other	NA	Electronic	7.843	7.8456
USDHKD	03-07-18	13:32-15:30			7.8465	03-07-18 13:58	879.4301293	Other	NA	Electronic	7.8439	7.8465
USDHKD	04-07-18	11:32-13:30			7.8417	04-07-18 12:05	879.4301293	Other	NA	Electronic	7.8417	7.8443
USDHKD	06-07-18	13:32-15:30			7.8501	06-07-18 15:00	879.4301293	Other	NA	Electronic	7.8475	7.8501
USDHKD	06-07-18	15:32-17:30			7.8468	06-07-18 16:05	879.4301293	Other	NA	Electronic	7.8468	7.8494
USDHKD	10-07-18	09:32-11:30			7.847	10-07-18 09:37	17588.60259	Other	NA	Electronic	7.847	7.8496
USDHKD	10-07-18	11:32-13:30			7.8469	10-07-18 13:15	879.4301293	Other	NA	Electronic	7.8469	7.8494
USDHKD	10-07-18	13:32-15:30			7.8468	10-07-18 14:00	879.4301293	Other	NA	Electronic	7.8468	7.8495
USDHKD	11-07-18	11:32-13:30			7.8476	11-07-18 12:52	879.4301293	Other	NA	Electronic	7.8476	7.8502

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKD	11-07-18	13:32-15:30			7.8505	11-07-18 14:36	879.4301293	Other	NA	Electronic	7.8479	7.8505
USDHKD	25-07-18	13:32-15:30			7.8438	25-07-18 14:42	879.4301293	Other	NA	Electronic	7.8438	7.8464
USDHKD	01-08-18	09:32-11:30			7.848	01-08-18 10:36	879.4301293	Other	NA	Electronic	7.848	7.8506
USDHKD	01-08-18	15:32-17:30			7.8502	01-08-18 15:40	879.4301293	Other	NA	Electronic	7.8476	7.8502
USDHKD	21-08-18	13:32-15:30			7.8509	21-08-18 15:15	879.4301293	Other	NA	Electronic	7.8484	7.8509
USDHKD	21-08-18	15:32-17:30			7.8508	21-08-18 17:05	879.4301293	Other	NA	Electronic	7.8483	7.8508
USDHKD	24-08-18	09:32-11:30			7.8487	24-08-18 10:36	879.4301293	Other	NA	Electronic	7.8487	7.8512
USDHKD	03-09-18	11:32-13:30			7.851	03-09-18 13:10	1758.860259	Other	NA	Electronic	7.8485	7.851
USDHKD	06-09-18	15:32-17:30			7.851	06-09-18 17:10	879.4301293	Other	NA	Electronic	7.8486	7.851
USDHKD	21-09-18	11:32-13:30			7.8093	21-09-18 12:47	1758.860259	Other	NA	Electronic	7.8068	7.8093
USDHKD	27-09-18	11:32-13:30			7.8165	27-09-18 12:34	879.4301293	Other	NA	Electronic	7.814	7.8165
USDHKD	27-09-18	15:32-17:30			7.8144	27-09-18 16:08	879.4301293	Other	NA	Electronic	7.8119	7.8144
USDHKD	28-09-18	13:32-15:30			7.8242	28-09-18 14:20	879.4301293	Other	NA	Electronic	7.8242	7.8268
USDHKD.	11-07-18	13:32-15:30			7.8494	11-07-18 14:56	6156.010905	Other	NA	Electronic	7.8489	7.8494
USDHKD.	25-07-18	09:32-11:30			7.8455	25-07-18 10:10	879.4301293	Other	NA	Electronic	7.845	7.8455

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKD.	01-08-18	11:32-13:30			7.8492	01-08-18 12:16	879.4301293	Other	NA	Electronic	7.8492	7.8497
USDHKD.	13-08-18	15:32-17:30			7.8497	13-08-18 16:57	879.4301293	Other	NA	Electronic	7.8497	7.8501
USDHKD.	30-08-18	09:32-11:30			7.8489	30-08-18 10:14	1758.860259	Other	NA	Electronic	7.8489	7.8492
USDHKD.	31-08-18	13:32-15:30			7.8493	31-08-18 14:53	879.4301293	Other	NA	Electronic	7.849	7.8493
USDHKD.	03-09-18	15:32-17:30			7.8492	03-09-18 15:43	4397.150646	Other	NA	Electronic	7.8492	7.8496
USDHKD.	19-09-18	11:32-13:30			7.8438	19-09-18 12:47	879.4301293	Other	NA	Electronic	7.8438	7.8442
USDHKD.	19-09-18	13:32-15:30			7.8434	19-09-18 14:13	43971.50646	Other	NA	Electronic	7.8434	7.8438
USDHKD.	20-09-18	15:32-17:30			7.8424	20-09-18 17:23	43971.50646	Other	NA	Electronic	7.8424	7.8428
USDHKDmicro	02-07-18	15:32-17:30			7.8466	02-07-18 16:33	87.94301293	Other	NA	Electronic	7.8439	7.8466
USDHKDmicro	03-07-18	15:32-17:30			7.8434	03-07-18 16:38	87.94301293	Other	NA	Electronic	7.8434	7.8461
USDHKDmicro	04-07-18	13:32-15:30			7.8434	04-07-18 14:30	879.4301293	Other	NA	Electronic	7.8408	7.8434
USDHKDmicro	05-07-18	13:32-15:30			7.8489	05-07-18 14:13	87.94301293	Other	NA	Electronic	7.8462	7.8489
USDHKDmicro	06-07-18	11:32-13:30			7.8468	06-07-18 12:08	175.8860259	Other	NA	Electronic	7.8468	7.8494
USDHKDmicro	10-07-18	09:32-11:30			7.8496	10-07-18 09:47	8.794301293	Other	NA	Electronic	7.847	7.8496
USDHKDmicro	12-07-18	15:32-17:30			7.8474	12-07-18 16:11	87.94301293	Other	NA	Electronic	7.8474	7.8501

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKDmicro	13-07-18	15:32-17:30			7.8476	13-07-18 17:07	175.8860259	Other	NA	Electronic	7.8476	7.8503
USDHKDmicro	17-07-18	13:32-15:30			7.8476	17-07-18 14:01	43.97150646	Other	NA	Electronic	7.8476	7.8503
USDHKDmicro	17-07-18	15:32-17:30			7.8475	17-07-18 16:18	8.794301293	Other	NA	Electronic	7.8475	7.8501
USDHKDmicro	19-07-18	11:32-13:30			7.8509	19-07-18 12:12	87.94301293	Other	NA	Electronic	7.8483	7.8509
USDHKDmicro	19-07-18	15:32-17:30			7.851	19-07-18 16:18	1319.145194	Other	NA	Electronic	7.8484	7.851
USDHKDmicro	20-07-18	13:32-15:30			7.8508	20-07-18 14:43	17.58860259	Other	NA	Electronic	7.8482	7.8508
USDHKDmicro	23-07-18	09:32-11:30			7.8464	23-07-18 10:04	17.58860259	Other	NA	Electronic	7.8464	7.8489
USDHKDmicro	24-07-18	09:32-11:30			7.8475	24-07-18 10:49	87.94301293	Other	NA	Electronic	7.8449	7.8475
USDHKDmicro	24-07-18	13:32-15:30			7.8459	24-07-18 14:58	87.94301293	Other	NA	Electronic	7.8459	7.8484
USDHKDmicro	25-07-18	09:32-11:30			7.8443	25-07-18 09:44	79.14871163	Other	NA	Electronic	7.8443	7.8469
USDHKDmicro	26-07-18	11:32-13:30			7.8489	26-07-18 13:08	87.94301293	Other	NA	Electronic	7.8463	7.8489
USDHKDmicro	27-07-18	09:32-11:30			7.8475	27-07-18 10:02	8.794301293	Other	NA	Electronic	7.8475	7.85
USDHKDmicro	27-07-18	11:32-13:30			7.8474	27-07-18 12:27	87.94301293	Other	NA	Electronic	7.8474	7.85
USDHKDmicro	30-07-18	11:32-13:30			7.8467	30-07-18 12:42	87.94301293	Other	NA	Electronic	7.8467	7.8493
USDHKDmicro	31-07-18	13:32-15:30			7.8499	31-07-18 15:11	87.94301293	Other	NA	Electronic	7.8473	7.8499



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKDmicro	01-08-18	09:32-11:30			7.8506	01-08-18 10:19	87.94301293	Other	NA	Electronic	7.8481	7.8506
USDHKDmicro	01-08-18	11:32-13:30			7.8507	01-08-18 12:30	87.94301293	Other	NA	Electronic	7.8482	7.8507
USDHKDmicro	01-08-18	13:32-15:30			7.8482	01-08-18 13:41	4397.150646	Other	NA	Electronic	7.8482	7.8508
USDHKDmicro	02-08-18	09:32-11:30			7.8507	02-08-18 09:36	879.4301293	Other	NA	Electronic	7.8481	7.8507
USDHKDmicro	02-08-18	11:32-13:30			7.848	02-08-18 12:14	87.94301293	Other	NA	Electronic	7.848	7.8506
USDHKDmicro	02-08-18	15:32-17:30			7.8484	02-08-18 15:55	8.794301293	Other	NA	Electronic	7.8484	7.851
USDHKDmicro	08-08-18	11:30-11:32	7.84985	52.76580776								
USDHKDmicro	08-08-18	13:32-15:30			7.8506	08-08-18 14:26	879.4301293	Other	NA	Electronic	7.8479	7.8506
USDHKDmicro	09-08-18	11:32-13:30			7.8484	09-08-18 12:46	123.1202181	Other	NA	Electronic	7.8484	7.8511
USDHKDmicro	09-08-18	15:32-17:30			7.851	09-08-18 16:37	87.94301293	Other	NA	Electronic	7.8485	7.851
USDHKDmicro	10-08-18	09:32-11:30			7.8508	10-08-18 10:25	87.94301293	Other	NA	Electronic	7.8483	7.8508
USDHKDmicro	10-08-18	13:32-15:30			7.8485	10-08-18 13:53	87.94301293	Other	NA	Electronic	7.8485	7.851
USDHKDmicro	13-08-18	15:32-17:30			7.8511	13-08-18 17:15	43.97150646	Other	NA	Electronic	7.8486	7.8511
USDHKDmicro	14-08-18	11:32-13:30			7.8512	14-08-18 11:48	8.794301293	Other	NA	Electronic	7.8487	7.8512
USDHKDmicro	14-08-18	13:32-15:30			7.8486	14-08-18 14:59	439.7150646	Other	NA	Electronic	7.8486	7.8511

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKDmicro	17-08-18	11:32-13:30			7.8508	17-08-18 11:53	123.1202181	Other	NA	Electronic	7.8483	7.8508
USDHKDmicro	17-08-18	15:32-17:30			7.8506	17-08-18 16:03	3526.514818	Other	NA	Electronic	7.8481	7.8506
USDHKDmicro	20-08-18	11:32-13:30			7.8511	20-08-18 11:51	87.94301293	Other	NA	Electronic	7.8486	7.8511
USDHKDmicro	22-08-18	11:32-13:30			7.8511	22-08-18 12:23	87.94301293	Other	NA	Electronic	7.8486	7.8511
USDHKDmicro	22-08-18	15:32-17:30			7.8485	22-08-18 16:25	35.17720517	Other	NA	Electronic	7.8485	7.851
USDHKDmicro	27-08-18	09:32-11:30			7.8511	27-08-18 10:32	87.94301293	Other	NA	Electronic	7.8486	7.8511
USDHKDmicro	28-08-18	13:32-15:30			7.8486	28-08-18 14:53	263.8290388	Other	NA	Electronic	7.8486	7.8511
USDHKDmicro	29-08-18	09:32-11:30			7.8484	29-08-18 10:13	87.94301293	Other	NA	Electronic	7.8484	7.8508
USDHKDmicro	29-08-18	11:32-13:30			7.8508	29-08-18 12:50	87.94301293	Other	NA	Electronic	7.8483	7.8508
USDHKDmicro	31-08-18	11:32-13:30			7.8506	31-08-18 12:13	43.97150646	Other	NA	Electronic	7.8481	7.8506
USDHKDmicro	31-08-18	13:32-15:30			7.8504	31-08-18 14:35	35.17720517	Other	NA	Electronic	7.8479	7.8504
USDHKDmicro	05-09-18	13:32-15:30			7.848	05-09-18 14:52	123.1202181	Other	NA	Electronic	7.848	7.8505
USDHKDmicro	05-09-18	15:32-17:30			7.8483	05-09-18 15:51	87.94301293	Other	NA	Electronic	7.8483	7.8508
USDHKDmicro	06-09-18	13:32-15:30			7.8485	06-09-18 15:14	96.73731422	Other	NA	Electronic	7.8485	7.851
USDHKDmicro	06-09-18	15:32-17:30			7.8511	06-09-18 16:00	96.73731422	Other	NA	Electronic	7.8486	7.8511

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHKDmicro	07-09-18	09:32-11:30			7.8484	07-09-18 09:51	87.94301293	Other	NA	Electronic	7.8484	7.8509
USDHKDmicro	10-09-18	11:32-13:30			7.851	10-09-18 12:27	87.94301293	Other	NA	Electronic	7.8486	7.851
USDHKDmicro	12-09-18	13:32-15:30			7.8477	12-09-18 14:09	87.94301293	Other	NA	Electronic	7.8477	7.8501
USDHKDmicro	14-09-18	11:32-13:30			7.8459	14-09-18 11:51	263.8290388	Other	NA	Electronic	7.8459	7.8484
USDHKDmicro	17-09-18	13:32-15:30			7.846	17-09-18 15:10	8.794301293	Other	NA	Electronic	7.8435	7.846
USDHKDmicro	21-09-18	13:32-15:30			7.8076	21-09-18 15:22	263.8290388	Other	NA	Electronic	7.8051	7.8076
USDHUF	02-07-18	09:30-09:32	282.929	2638.290388								
USDHUF	02-07-18	11:32-13:30			284.354	02-07-18 13:13	1758.860259	Other	NA	Electronic	284.341	284.596
USDHUF	02-07-18	13:32-15:30			284.288	02-07-18 14:39	2638.290388	Other	NA	Electronic	284.288	284.543
USDHUF	02-07-18	15:32-17:30			284.465	02-07-18 16:01	2638.290388	Other	NA	Electronic	284.465	284.78
USDHUF	03-07-18	09:32-11:30			281.916	03-07-18 11:08	8794.301293	Other	NA	Electronic	281.663	281.914
USDHUF	03-07-18	11:32-13:30			280.797	03-07-18 13:25	21985.75323	Other	NA	Electronic	280.575	280.797
USDHUF	03-07-18	13:32-15:30			279.751	03-07-18 14:35	3517.720517	Other	NA	Electronic	279.751	280.005
USDHUF	04-07-18	09:32-11:30			280.218	04-07-18 10:44	8794.301293	Other	NA	Electronic	279.946	280.218
USDHUF	04-07-18	15:32-17:30			278.846	04-07-18 16:23	879.4301293	Other	NA	Electronic	278.846	279.18

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	05-07-18	09:32-11:30			277.128	05-07-18 09:49	2638.290388	Other	NA	Electronic	276.863	277.128
USDHUF	05-07-18	11:32-13:30			276.091	05-07-18 11:37	879.4301293	Other	NA	Electronic	276.091	276.345
USDHUF	05-07-18	13:32-15:30			276.332	05-07-18 14:58	1758.860259	Other	NA	Electronic	276.078	276.332
USDHUF	05-07-18	15:32-17:30			276.903	05-07-18 16:09	1758.860259	Other	NA	Electronic	276.588	276.903
USDHUF	06-07-18	11:32-13:30			276.39	06-07-18 12:31	1758.860259	Other	NA	Electronic	276.09	276.388
USDHUF	06-07-18	13:32-15:30			274.689	06-07-18 13:47	8794.301293	Other	NA	Electronic	274.435	274.689
USDHUF	09-07-18	09:32-11:30			274.685	09-07-18 10:42	8794.301293	Other	NA	Electronic	274.416	274.685
USDHUF	09-07-18	11:32-13:30			273.995	09-07-18 12:04	879.4301293	Other	NA	Electronic	273.741	273.995
USDHUF	09-07-18	13:32-15:30			275.013	09-07-18 13:50	879.4301293	Other	NA	Electronic	275.013	275.266
USDHUF	09-07-18	15:32-17:30			275.246	09-07-18 15:52	17588.60259	Other	NA	Electronic	275.246	275.499
USDHUF	10-07-18	09:32-11:30			277.342	10-07-18 09:38	2638.290388	Other	NA	Electronic	277.073	277.342
USDHUF	10-07-18	11:32-13:30			276.93	10-07-18 13:13	1758.860259	Other	NA	Electronic	276.93	277.184
USDHUF	10-07-18	13:32-15:30			276.663	10-07-18 14:50	1758.860259	Other	NA	Electronic	276.409	276.663
USDHUF	10-07-18	15:30-15:32	276.229	4397.150646								
USDHUF	11-07-18	09:32-11:30			277.51	11-07-18 09:40	879.4301293	Other	NA	Electronic	277.51	277.778

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	11-07-18	11:32-13:30			276.779	11-07-18 11:40	879.4301293	Other	NA	Electronic	276.777	277.029
USDHUF	11-07-18	13:32-15:30			276.326	11-07-18 14:10	3517.720517	Other	NA	Electronic	276.072	276.326
USDHUF	11-07-18	15:32-17:30			277.886	11-07-18 17:03	4397.150646	Other	NA	Electronic	277.883	278.199
USDHUF	12-07-18	09:32-11:30			279.553	12-07-18 11:22	4397.150646	Other	NA	Electronic	279.283	279.553
USDHUF	12-07-18	11:32-13:30			279.403	12-07-18 11:43	879.4301293	Other	NA	Electronic	279.148	279.403
USDHUF	12-07-18	15:32-17:30			277.253	12-07-18 15:49	1758.860259	Other	NA	Electronic	277.253	277.507
USDHUF	13-07-18	09:32-11:30			278.956	13-07-18 10:21	2638.290388	Other	NA	Electronic	278.956	279.223
USDHUF	13-07-18	11:32-13:30			278.556	13-07-18 12:02	9673.731422	Other	NA	Electronic	278.559	278.813
USDHUF	13-07-18	13:32-15:30			277.088	13-07-18 14:50	1758.860259	Other	NA	Electronic	277.09	277.345
USDHUF	13-07-18	15:32-17:30			276.649	13-07-18 15:44	879.4301293	Other	NA	Electronic	276.649	276.907
USDHUF	16-07-18	09:30-09:32	274.936	879.4301293								
USDHUF	16-07-18	11:32-13:30			275.562	16-07-18 12:39	879.4301293	Other	NA	Electronic	275.308	275.562
USDHUF	16-07-18	13:32-15:30			275.294	16-07-18 13:47	4397.150646	Other	NA	Electronic	275.294	275.548
USDHUF	17-07-18	09:32-11:30			275.821	17-07-18 10:20	879.4301293	Other	NA	Electronic	275.557	275.821
USDHUF	17-07-18	15:32-17:30			276.894	17-07-18 15:46	1758.860259	Other	NA	Electronic	276.65	276.889

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	18-07-18	09:32-11:30			278.6	18-07-18 10:14	1758.860259	Other	NA	Electronic	278.6	278.87
USDHUF	18-07-18	11:32-13:30			279.003	18-07-18 12:11	1758.860259	Other	NA	Electronic	279.003	279.258
USDHUF	18-07-18	15:32-17:30			278.419	18-07-18 15:59	2638.290388	Other	NA	Electronic	278.165	278.419
USDHUF	19-07-18	09:30-09:32	280.504	1758.860259								
USDHUF	19-07-18	11:32-13:30			281.358	19-07-18 12:31	879.4301293	Other	NA	Electronic	281.358	281.597
USDHUF	20-07-18	11:32-13:30			279.541	20-07-18 11:45	879.4301293	Other	NA	Electronic	279.307	279.543
USDHUF	20-07-18	13:32-15:30			278.563	20-07-18 15:00	1758.860259	Other	NA	Electronic	278.311	278.563
USDHUF	23-07-18	09:32-11:30			278.841	23-07-18 10:03	879.4301293	Other	NA	Electronic	278.584	278.841
USDHUF	23-07-18	13:32-15:30			278.933	23-07-18 13:45	879.4301293	Other	NA	Electronic	278.685	278.933
USDHUF	24-07-18	09:32-11:30			278.335	24-07-18 10:23	879.4301293	Other	NA	Electronic	278.335	278.595
USDHUF	24-07-18	11:32-13:30			278.633	24-07-18 11:58	879.4301293	Other	NA	Electronic	278.633	278.887
USDHUF	24-07-18	13:32-15:30			278.254	24-07-18 14:00	879.4301293	Other	NA	Electronic	278.254	278.522
USDHUF	25-07-18	13:32-15:30			279.377	25-07-18 15:24	879.4301293	Other	NA	Electronic	279.122	279.377
USDHUF	25-07-18	15:32-17:30			278.688	25-07-18 15:49	35177.20517	Other	NA	Electronic	278.688	278.942
USDHUF	26-07-18	11:32-13:30			276.567	26-07-18 12:52	879.4301293	Other	NA	Electronic	276.567	276.863

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	30-07-18	13:32-15:30			274.96	30-07-18 13:50	879.4301293	Other	NA	Electronic	274.96	275.23
USDHUF	30-07-18	15:32-17:30			274.53	30-07-18 16:05	5276.580776	Other	NA	Electronic	274.53	274.8
USDHUF	31-07-18	09:32-11:30			273.91	31-07-18 09:46	8794.301293	Other	NA	Electronic	273.63	273.91
USDHUF	31-07-18	11:32-13:30			273.19	31-07-18 12:01	879.4301293	Other	NA	Electronic	272.92	273.19
USDHUF	01-08-18	09:32-11:30			275.13	01-08-18 10:21	1758.860259	Other	NA	Electronic	274.85	275.13
USDHUF	01-08-18	11:32-13:30			275.12	01-08-18 12:52	879.4301293	Other	NA	Electronic	274.86	275.12
USDHUF	01-08-18	15:32-17:30			275.05	01-08-18 15:40	4397.150646	Other	NA	Electronic	274.78	275.05
USDHUF	02-08-18	09:32-11:30			277.29	02-08-18 09:50	879.4301293	Other	NA	Electronic	277.29	277.57
USDHUF	02-08-18	11:32-13:30			277.05	02-08-18 11:48	879.4301293	Other	NA	Electronic	277.05	277.32
USDHUF	03-08-18	11:32-13:30			275.885	03-08-18 12:31	2638.290388	Other	NA	Electronic	275.885	276.19
USDHUF	06-08-18	11:30-11:32	277.92	1758.860259								
USDHUF	06-08-18	13:32-15:30			276.9	06-08-18 15:26	1758.860259	Other	NA	Electronic	276.616	276.9
USDHUF	07-08-18	09:32-11:30			276.53	07-08-18 10:28	2638.290388	Other	NA	Electronic	276.25	276.53
USDHUF	07-08-18	13:32-15:30			275.88	07-08-18 15:05	879.4301293	Other	NA	Electronic	275.88	276.16
USDHUF	08-08-18	11:32-13:30			276.41	08-08-18 12:48	879.4301293	Other	NA	Electronic	276.15	276.41

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	08-08-18	13:32-15:30			275.03	08-08-18 15:03	879.4301293	Other	NA	Electronic	275.03	275.31
USDHUF	08-08-18	15:32-17:30			275.809	08-08-18 16:42	879.4301293	Other	NA	Electronic	275.521	275.809
USDHUF	10-08-18	15:32-17:30			283.965	10-08-18 16:57	8794.301293	Other	NA	Electronic	283.491	283.965
USDHUF	13-08-18	09:32-11:30			284.401	13-08-18 09:36	879.4301293	Other	NA	Electronic	284.401	284.66
USDHUF	13-08-18	11:32-13:30			285.45	13-08-18 11:48	8794.301293	Other	NA	Electronic	285.16	285.45
USDHUF	13-08-18	15:32-17:30			284.75	13-08-18 16:18	879.4301293	Other	NA	Electronic	284.451	284.75
USDHUF	14-08-18	09:32-11:30			282.87	14-08-18 11:18	1758.860259	Other	NA	Electronic	282.87	283.16
USDHUF	14-08-18	11:32-13:30			283.54	14-08-18 12:58	879.4301293	Other	NA	Electronic	283.25	283.54
USDHUF	14-08-18	13:32-15:30			284.33	14-08-18 15:22	879.4301293	Other	NA	Electronic	284.33	284.62
USDHUF	14-08-18	15:32-17:30			284.62	14-08-18 17:22	879.4301293	Other	NA	Electronic	284.62	284.95
USDHUF	15-08-18	09:32-11:30			285.511	15-08-18 09:41	879.4301293	Other	NA	Electronic	285.511	285.79
USDHUF	15-08-18	11:32-13:30			286.721	15-08-18 12:26	879.4301293	Other	NA	Electronic	286.721	287.03
USDHUF	15-08-18	13:30-13:32	287.55	879.4301293								
USDHUF	15-08-18	15:32-17:30			286.48	15-08-18 16:07	879.4301293	Other	NA	Electronic	286.48	286.77
USDHUF	16-08-18	11:32-13:30			284.88	16-08-18 12:34	1758.860259	Other	NA	Electronic	284.88	285.17



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	16-08-18	13:32-15:30			283.851	16-08-18 14:12	1758.860259	Other	NA	Electronic	283.851	284.15
USDHUF	16-08-18	15:32-17:30			284.39	16-08-18 16:19	3517.720517	Other	NA	Electronic	284.39	284.639
USDHUF	17-08-18	11:32-13:30			284.109	17-08-18 11:47	3517.720517	Other	NA	Electronic	283.81	284.109
USDHUF	17-08-18	13:32-15:30			282.951	17-08-18 14:19	879.4301293	Other	NA	Electronic	282.951	283.24
USDHUF	20-08-18	09:32-11:30			284.37	20-08-18 10:28	879.4301293	Other	NA	Electronic	284.08	284.37
USDHUF	20-08-18	11:32-13:30			283.461	20-08-18 12:29	879.4301293	Other	NA	Electronic	283.461	283.75
USDHUF	20-08-18	13:32-15:30			282.99	20-08-18 14:36	879.4301293	Other	NA	Electronic	282.691	282.99
USDHUF	21-08-18	15:32-17:30			279.83	21-08-18 15:48	1758.860259	Other	NA	Electronic	279.83	280.14
USDHUF	22-08-18	11:32-13:30			278.011	22-08-18 12:30	1758.860259	Other	NA	Electronic	278.011	278.3
USDHUF	22-08-18	13:32-15:30			278.85	22-08-18 14:17	1758.860259	Other	NA	Electronic	278.551	278.85
USDHUF	24-08-18	13:32-15:30			278.59	24-08-18 14:06	879.4301293	Other	NA	Electronic	278.28	278.59
USDHUF	24-08-18	15:32-17:30			278.48	24-08-18 17:06	879.4301293	Other	NA	Electronic	278.16	278.48
USDHUF	27-08-18	11:32-13:30			278.48	27-08-18 13:01	879.4301293	Other	NA	Electronic	278.191	278.48
USDHUF	27-08-18	13:32-15:30			277.491	27-08-18 14:23	879.4301293	Other	NA	Electronic	277.491	277.77
USDHUF	27-08-18	15:32-17:30			277.18	27-08-18 15:43	879.4301293	Other	NA	Electronic	277.18	277.479

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	28-08-18	13:32-15:30			276.311	28-08-18 15:13	1758.860259	Other	NA	Electronic	276.311	276.61
USDHUF	29-08-18	09:30-09:32	278.32	3517.720517								
USDHUF	29-08-18	13:32-15:30			277.75	29-08-18 14:15	879.4301293	Other	NA	Electronic	277.75	278.059
USDHUF	29-08-18	15:32-17:30			278.4	29-08-18 16:37	1758.860259	Other	NA	Electronic	278.4	278.69
USDHUF	30-08-18	09:32-11:30			278.87	30-08-18 10:37	879.4301293	Other	NA	Electronic	278.6	278.87
USDHUF	30-08-18	11:32-13:30			279.36	30-08-18 11:46	4397.150646	Other	NA	Electronic	279.09	279.36
USDHUF	30-08-18	13:32-15:30			280.08	30-08-18 15:01	4397.150646	Other	NA	Electronic	280.08	280.35
USDHUF	30-08-18	15:32-17:30			280.7	30-08-18 17:05	879.4301293	Other	NA	Electronic	280.39	280.7
USDHUF	31-08-18	15:32-17:30			281.74	31-08-18 15:57	5276.580776	Other	NA	Electronic	281.46	281.74
USDHUF	03-09-18	11:32-13:30			280.96	03-09-18 11:35	879.4301293	Other	NA	Electronic	280.96	281.22
USDHUF	04-09-18	09:32-11:30			283.3	04-09-18 09:49	879.4301293	Other	NA	Electronic	283.3	283.55
USDHUF	04-09-18	13:32-15:30			284.04	04-09-18 14:03	879.4301293	Other	NA	Electronic	284.04	284.29
USDHUF	05-09-18	11:32-13:30			281.945	05-09-18 13:19	879.4301293	Other	NA	Electronic	281.561	281.945
USDHUF	05-09-18	15:32-17:30			282.28	05-09-18 15:40	879.4301293	Other	NA	Electronic	282.28	282.56
USDHUF	06-09-18	09:32-11:30			281.13	06-09-18 10:33	879.4301293	Other	NA	Electronic	281.13	281.39

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	06-09-18	11:32-13:30			280.64	06-09-18 11:57	879.4301293	Other	NA	Electronic	280.361	280.64
USDHUF	06-09-18	13:32-15:30			280.64	06-09-18 13:36	879.4301293	Other	NA	Electronic	280.64	280.9
USDHUF	07-09-18	11:32-13:30			280.6	07-09-18 12:32	879.4301293	Other	NA	Electronic	280.32	280.6
USDHUF	07-09-18	15:32-17:30			281.7	07-09-18 16:29	2638.290388	Other	NA	Electronic	281.42	281.7
USDHUF	10-09-18	09:32-11:30			280.26	10-09-18 10:08	2638.290388	Other	NA	Electronic	280.26	280.52
USDHUF	10-09-18	11:32-13:30			280.76	10-09-18 12:38	879.4301293	Other	NA	Electronic	280.76	281.04
USDHUF	11-09-18	09:32-11:30			280.25	11-09-18 11:01	1758.860259	Other	NA	Electronic	280.25	280.51
USDHUF	11-09-18	11:32-13:30			280.389	11-09-18 11:50	1758.860259	Other	NA	Electronic	280.13	280.389
USDHUF	11-09-18	13:32-15:30			280.36	11-09-18 15:25	2638.290388	Other	NA	Electronic	280.08	280.36
USDHUF	11-09-18	15:32-17:30			279.93	11-09-18 16:33	2638.290388	Other	NA	Electronic	279.93	280.21
USDHUF	12-09-18	15:32-17:30			279.77	12-09-18 15:52	1758.860259	Other	NA	Electronic	279.49	279.77
USDHUF	13-09-18	11:32-13:30			279.4	13-09-18 11:47	879.4301293	Other	NA	Electronic	279.4	279.67
USDHUF	13-09-18	13:32-15:30			276.75	13-09-18 13:56	879.4301293	Other	NA	Electronic	276.75	277
USDHUF	17-09-18	13:32-15:30			277.69	17-09-18 14:02	1758.860259	Other	NA	Electronic	277.43	277.69
USDHUF	18-09-18	15:32-17:30			277.53	18-09-18 16:33	879.4301293	Other	NA	Electronic	277.53	277.8

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF	20-09-18	09:32-11:30			276.25	20-09-18 09:36	1758.860259	Other	NA	Electronic	276.25	276.51
USDHUF	20-09-18	11:32-13:30			274.96	20-09-18 12:04	879.4301293	Other	NA	Electronic	274.96	275.22
USDHUF	21-09-18	09:32-11:30			275.19	21-09-18 10:50	3517.720517	Other	NA	Electronic	274.94	275.19
USDHUF	21-09-18	11:32-13:30			275.231	21-09-18 12:29	3517.720517	Other	NA	Electronic	275.231	275.55
USDHUF	21-09-18	13:32-15:30			275.46	21-09-18 14:40	2638.290388	Other	NA	Electronic	275.2	275.46
USDHUF	24-09-18	15:32-17:30			275.12	24-09-18 16:56	1758.860259	Other	NA	Electronic	274.84	275.12
USDHUF	25-09-18	13:32-15:30			275.55	25-09-18 13:35	1758.860259	Other	NA	Electronic	275.29	275.55
USDHUF	26-09-18	11:32-13:30			275.74	26-09-18 12:10	1758.860259	Other	NA	Electronic	275.76	276.04
USDHUF	26-09-18	13:32-15:30			275.81	26-09-18 14:06	879.4301293	Other	NA	Electronic	275.81	276.07
USDHUF	27-09-18	11:32-13:30			276.34	27-09-18 12:05	1758.860259	Other	NA	Electronic	276.34	276.6
USDHUF	28-09-18	09:32-11:30			280.33	28-09-18 11:06	7914.871163	Other	NA	Electronic	280.33	280.58
USDHUF	28-09-18	11:32-13:30			279.8	28-09-18 12:23	879.4301293	Other	NA	Electronic	279.8	280.08
USDHUF	28-09-18	13:32-15:30			278.27	28-09-18 14:59	87943.01293	Other	NA	Electronic	278.27	278.52
USDHUF	28-09-18	15:32-17:30			278.39	28-09-18 17:25	87943.01293	Other	NA	Electronic	278.39	278.82
USDHUF	02-07-18	13:32-15:30			285.084	02-07-18 13:38	879.4301293	Other	NA	Electronic	284.931	285.084

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF.	04-07-18	09:32-11:30			280.856	04-07-18 09:46	879.4301293	Other	NA	Electronic	280.683	280.856
USDHUF.	06-07-18	13:32-15:30			274.548	06-07-18 15:23	27262.33401	Other	NA	Electronic	274.396	274.548
USDHUF.	06-07-18	15:32-17:30			275.082	06-07-18 16:08	27262.33401	Other	NA	Electronic	275.082	275.333
USDHUF.	09-07-18	13:32-15:30			275.559	09-07-18 14:41	4397.150646	Other	NA	Electronic	275.42	275.563
USDHUF.	10-07-18	09:32-11:30			277.141	10-07-18 10:17	879.4301293	Other	NA	Electronic	277.141	277.303
USDHUF.	10-07-18	11:32-13:30			277.032	10-07-18 13:09	879.4301293	Other	NA	Electronic	277.032	277.183
USDHUF.	11-07-18	09:32-11:30			277.622	11-07-18 09:36	4397.150646	Other	NA	Electronic	277.622	277.772
USDHUF.	11-07-18	11:32-13:30			276.464	11-07-18 12:31	879.4301293	Other	NA	Electronic	276.464	276.602
USDHUF.	11-07-18	13:32-15:30			277.509	11-07-18 14:55	4397.150646	Other	NA	Electronic	277.373	277.525
USDHUF.	11-07-18	15:32-17:30			278.184	11-07-18 17:02	4397.150646	Other	NA	Electronic	278.029	278.245
USDHUF.	13-07-18	15:32-17:30			276.855	13-07-18 15:40	1758.860259	Other	NA	Electronic	276.855	277.003
USDHUF.	16-07-18	09:32-11:30			274.609	16-07-18 11:08	879.4301293	Other	NA	Electronic	274.457	274.609
USDHUF.	18-07-18	09:32-11:30			278.819	18-07-18 10:15	879.4301293	Other	NA	Electronic	278.651	278.819
USDHUF.	18-07-18	11:32-13:30			279.128	18-07-18 11:46	4397.150646	Other	NA	Electronic	278.977	279.128
USDHUF.	19-07-18	09:30-09:32	280.392	4397.150646								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF.	19-07-18	11:32-13:30			281.29	19-07-18 12:30	879.4301293	Other	NA	Electronic	281.341	281.477
USDHUF.	19-07-18	13:32-15:30			281.324	19-07-18 15:24	4397.150646	Other	NA	Electronic	281.171	281.324
USDHUF.	19-07-18	15:32-17:30			281.494	19-07-18 16:31	4397.150646	Other	NA	Electronic	281.494	281.672
USDHUF.	27-07-18	09:32-11:30			278.6	27-07-18 09:59	4397.150646	Other	NA	Electronic	278.421	278.6
USDHUF.	31-07-18	09:32-11:30			273.621	31-07-18 09:33	879.4301293	Other	NA	Electronic	273.621	273.79
USDHUF.	31-07-18	11:32-13:30			272.75	31-07-18 11:40	1758.860259	Other	NA	Electronic	272.58	272.75
USDHUF.	01-08-18	09:32-11:30			274.99	01-08-18 10:32	879.4301293	Other	NA	Electronic	274.99	275.16
USDHUF.	01-08-18	13:32-15:30			274.82	01-08-18 13:46	4397.150646	Other	NA	Electronic	274.82	274.99
USDHUF.	02-08-18	11:32-13:30			276.82	02-08-18 12:47	4397.150646	Other	NA	Electronic	276.65	276.82
USDHUF.	02-08-18	13:32-15:30			276.111	02-08-18 13:44	4397.150646	Other	NA	Electronic	276.111	276.354
USDHUF.	03-08-18	09:32-11:30			276.51	03-08-18 11:11	4397.150646	Other	NA	Electronic	276.5	276.67
USDHUF.	03-08-18	11:32-13:30			276.39	03-08-18 13:00	4397.150646	Other	NA	Electronic	276.39	276.56
USDHUF.	03-08-18	13:32-15:30			277.102	03-08-18 13:44	3517.720517	Other	NA	Electronic	277.09	277.38
USDHUF.	03-08-18	15:32-17:30			276.3	03-08-18 17:03	3517.720517	Other	NA	Electronic	276.07	276.3
USDHUF.	06-08-18	09:32-11:30			277.63	06-08-18 10:44	3517.720517	Other	NA	Electronic	277.47	277.63

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUF.	06-08-18	11:32-13:30			278.25	06-08-18 11:40	879.4301293	Other	NA	Electronic	278.09	278.25
USDHUF.	09-08-18	15:32-17:30			277.65	09-08-18 17:28	2638.290388	Other	NA	Electronic	277.65	277.87
USDHUF.	15-08-18	09:32-11:30			286.93	15-08-18 10:33	2638.290388	Other	NA	Electronic	286.731	286.93
USDHUF.	15-08-18	11:32-13:30			286.661	15-08-18 12:19	8794.301293	Other	NA	Electronic	286.661	286.86
USDHUF.	04-09-18	09:32-11:30			283.32	04-09-18 11:12	879.4301293	Other	NA	Electronic	283.32	283.49
USDHUF.	13-09-18	11:32-13:30			279.76	13-09-18 12:07	879.4301293	Other	NA	Electronic	279.76	279.94
USDHUF.	17-09-18	11:32-13:30			277.99	17-09-18 12:00	879.4301293	Other	NA	Electronic	277.99	278.17
USDHUF.	18-09-18	11:32-13:30			275.67	18-09-18 13:00	879.4301293	Other	NA	Electronic	275.67	275.973
USDHUF.	21-09-18	09:32-11:30			274.87	21-09-18 10:00	879.4301293	Other	NA	Electronic	274.67	274.87
USDHUF.	21-09-18	13:32-15:30			275	21-09-18 14:56	879.4301293	Other	NA	Electronic	275	275.2
USDHUF.	24-09-18	11:32-13:30			275.33	24-09-18 12:33	879.4301293	Other	NA	Electronic	275.15	275.33
USDHUFmicro	02-07-18	09:32-11:30			283.253	02-07-18 09:41	87.94301293	Other	NA	Electronic	282.983	283.253
USDHUFmicro	02-07-18	11:32-13:30			283.646	02-07-18 11:55	4397.150646	Other	NA	Electronic	283.395	283.646
USDHUFmicro	02-07-18	13:32-15:30			284.81	02-07-18 13:37	175.8860259	Other	NA	Electronic	284.81	285.062
USDHUFmicro	02-07-18	15:32-17:30			284.992	02-07-18 15:33	1758.860259	Other	NA	Electronic	284.712	284.992

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	03-07-18	09:32-11:30			281.322	03-07-18 11:27	879.4301293	Other	NA	Electronic	281.322	281.574
USDHUFmicro	03-07-18	11:32-13:30			280.451	03-07-18 12:04	879.4301293	Other	NA	Electronic	280.451	280.705
USDHUFmicro	03-07-18	13:32-15:30			280.352	03-07-18 13:38	87.94301293	Other	NA	Electronic	280.352	280.607
USDHUFmicro	03-07-18	15:32-17:30			280.685	03-07-18 15:34	43.97150646	Other	NA	Electronic	280.431	280.685
USDHUFmicro	04-07-18	09:32-11:30			280.732	04-07-18 09:37	87.94301293	Other	NA	Electronic	280.461	280.732
USDHUFmicro	04-07-18	11:32-13:30			279.655	04-07-18 12:46	87.94301293	Other	NA	Electronic	279.363	279.655
USDHUFmicro	04-07-18	13:32-15:30			279.328	04-07-18 14:28	87.94301293	Other	NA	Electronic	279.328	279.642
USDHUFmicro	04-07-18	15:32-17:30			279.896	04-07-18 15:44	879.4301293	Other	NA	Electronic	279.599	279.896
USDHUFmicro	05-07-18	09:32-11:30			277.505	05-07-18 09:52	879.4301293	Other	NA	Electronic	274.013	274.266
USDHUFmicro	05-07-18	11:32-13:30			275.847	05-07-18 11:53	1758.860259	Other	NA	Electronic	275.847	276.101
USDHUFmicro	05-07-18	13:32-15:30			276.692	05-07-18 14:00	351.7720517	Other	NA	Electronic	276.438	276.692
USDHUFmicro	05-07-18	15:32-17:30			276.301	05-07-18 15:43	8.794301293	Other	NA	Electronic	276.301	276.56
USDHUFmicro	06-07-18	09:32-11:30			277.308	06-07-18 10:44	1758.860259	Other	NA	Electronic	277.044	277.308
USDHUFmicro	06-07-18	11:32-13:30			275.323	06-07-18 12:39	263.8290388	Other	NA	Electronic	275.323	275.618
USDHUFmicro	06-07-18	13:32-15:30			274.614	06-07-18 14:00	184.6803271	Other	NA	Electronic	274.614	274.861



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	06-07-18	15:32-17:30			275.51	06-07-18 15:49	439.7150646	Other	NA	Electronic	275.256	275.512
USDHUFmicro	09-07-18	09:32-11:30			274.442	09-07-18 10:04	1758.860259	Other	NA	Electronic	274.188	274.442
USDHUFmicro	09-07-18	11:30-11:32	274.013	879.4301293								
USDHUFmicro	09-07-18	13:32-15:30			274.857	09-07-18 13:42	4397.150646	Other	NA	Electronic	274.63	274.857
USDHUFmicro	09-07-18	15:32-17:30			275.264	09-07-18 15:45	4405.944948	Other	NA	Electronic	275.264	275.518
USDHUFmicro	10-07-18	09:32-11:30			277.043	10-07-18 09:35	87.94301293	Other	NA	Electronic	277.043	277.312
USDHUFmicro	10-07-18	11:32-13:30			277.562	10-07-18 11:44	87.94301293	Other	NA	Electronic	277.562	277.818
USDHUFmicro	10-07-18	13:32-15:30			276.22	10-07-18 15:27	1758.860259	Other	NA	Electronic	275.966	276.22
USDHUFmicro	10-07-18	15:32-17:30			276.195	10-07-18 16:00	4397.150646	Other	NA	Electronic	275.881	276.195
USDHUFmicro	11-07-18	09:32-11:30			277.508	11-07-18 09:40	175.8860259	Other	NA	Electronic	277.508	277.768
USDHUFmicro	11-07-18	11:30-11:32	277.124	175.8860259								
USDHUFmicro	11-07-18	13:32-15:30			276.007	11-07-18 13:42	175.8860259	Other	NA	Electronic	276.007	276.261
USDHUFmicro	11-07-18	15:32-17:30			277.623	11-07-18 16:57	175.8860259	Other	NA	Electronic	277.623	277.939
USDHUFmicro	12-07-18	09:32-11:30			278.627	12-07-18 09:43	263.8290388	Other	NA	Electronic	278.628	278.88
USDHUFmicro	12-07-18	11:32-13:30			279.477	12-07-18 11:33	87.94301293	Other	NA	Electronic	279.235	279.477

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	12-07-18	13:32-15:30			278.277	12-07-18 13:40	351.7720517	Other	NA	Electronic	278.277	278.531
USDHUFmicro	12-07-18	15:32-17:30			277.973	12-07-18 15:38	8.794301293	Other	NA	Electronic	277.719	277.973
USDHUFmicro	13-07-18	09:30-09:32	279.00167	263.8290388								
USDHUFmicro	13-07-18	11:32-13:30			279.163	13-07-18 11:58	879.4301293	Other	NA	Electronic	278.908	279.163
USDHUFmicro	13-07-18	13:32-15:30			277.977	13-07-18 13:32	439.7150646	Other	NA	Electronic	277.977	278.232
USDHUFmicro	13-07-18	15:30-15:32	276.587	879.4301293								
USDHUFmicro	16-07-18	09:30-09:32	274.949	1758.860259								
USDHUFmicro	16-07-18	11:32-13:30			275.001	16-07-18 12:17	439.7150646	Other	NA	Electronic	274.759	275.001
USDHUFmicro	16-07-18	13:32-15:30			275.262	16-07-18 14:00	193.4746284	Other	NA	Electronic	275.262	275.508
USDHUFmicro	17-07-18	11:32-13:30			275.834	17-07-18 11:57	8.794301293	Other	NA	Electronic	275.854	276.088
USDHUFmicro	17-07-18	13:32-15:30			276.272	17-07-18 14:00	263.8290388	Other	NA	Electronic	276.272	276.539
USDHUFmicro	17-07-18	15:32-17:30			276.709	17-07-18 15:43	439.7150646	Other	NA	Electronic	276.454	276.709
USDHUFmicro	18-07-18	09:32-11:30			278.557	18-07-18 09:48	1758.860259	Other	NA	Electronic	278.557	278.828
USDHUFmicro	18-07-18	11:32-13:30			278.992	18-07-18 11:33	439.7150646	Other	NA	Electronic	278.738	278.993
USDHUFmicro	18-07-18	13:32-15:30			278.808	18-07-18 14:28	439.7150646	Other	NA	Electronic	278.554	278.808

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	18-07-18	15:32-17:30			278.128	18-07-18 15:57	1758.860259	Other	NA	Electronic	278.121	278.375
USDHUFmicro	19-07-18	09:32-11:30			280.616	19-07-18 11:00	457.3036672	Other	NA	Electronic	280.616	280.855
USDHUFmicro	19-07-18	11:32-13:30			281.261	19-07-18 12:58	879.4301293	Other	NA	Electronic	281.006	281.261
USDHUFmicro	19-07-18	13:32-15:30			281.095	19-07-18 13:51	879.4301293	Other	NA	Electronic	280.841	281.095
USDHUFmicro	19-07-18	15:32-17:30			281.478	19-07-18 16:00	492.4808724	Other	NA	Electronic	281.481	281.768
USDHUFmicro	20-07-18	09:32-11:30			279.345	20-07-18 09:32	879.4301293	Other	NA	Electronic	279.346	279.605
USDHUFmicro	20-07-18	11:32-13:30			279.298	20-07-18 12:05	8.794301293	Other	NA	Electronic	279.048	279.298
USDHUFmicro	20-07-18	13:32-15:30			277.494	20-07-18 13:34	879.4301293	Other	NA	Electronic	277.494	277.748
USDHUFmicro	23-07-18	09:32-11:30			279.303	23-07-18 09:49	87.94301293	Other	NA	Electronic	279.039	279.306
USDHUFmicro	23-07-18	11:32-13:30			278.081	23-07-18 11:35	8.794301293	Other	NA	Electronic	278.081	278.321
USDHUFmicro	23-07-18	13:32-15:30			278.691	23-07-18 15:28	8.794301293	Other	NA	Electronic	278.436	278.691
USDHUFmicro	24-07-18	09:32-11:30			279.042	24-07-18 09:59	879.4301293	Other	NA	Electronic	279.042	279.307
USDHUFmicro	24-07-18	11:32-13:30			278.531	24-07-18 11:58	131.9145194	Other	NA	Electronic	278.531	278.817
USDHUFmicro	24-07-18	13:32-15:30			278.18	24-07-18 13:56	2348.078445	Other	NA	Electronic	278.18	278.434
USDHUFmicro	24-07-18	15:32-17:30			278.741	24-07-18 15:51	175.8860259	Other	NA	Electronic	278.487	278.741

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	25-07-18	09:32-11:30			278.111	25-07-18 09:44	87.94301293	Other	NA	Electronic	278.111	278.38
USDHUFmicro	25-07-18	11:32-13:30			277.745	25-07-18 13:17	1758.860259	Other	NA	Electronic	277.745	277.997
USDHUFmicro	25-07-18	13:32-15:30			278.133	25-07-18 14:05	87.94301293	Other	NA	Electronic	278.133	278.403
USDHUFmicro	25-07-18	15:32-17:30			279.296	25-07-18 15:36	87.94301293	Other	NA	Electronic	279.296	279.55
USDHUFmicro	26-07-18	09:32-11:30			276.693	26-07-18 09:57	439.7150646	Other	NA	Electronic	276.693	276.962
USDHUFmicro	26-07-18	11:32-13:30			277.103	26-07-18 13:02	87.94301293	Other	NA	Electronic	277.103	277.385
USDHUFmicro	26-07-18	13:32-15:30			277.791	26-07-18 13:44	87.94301293	Other	NA	Electronic	277.511	277.791
USDHUFmicro	26-07-18	15:30-15:32	277.625	703.5441034								
USDHUFmicro	27-07-18	09:32-11:30			278.41	27-07-18 10:00	175.8860259	Other	NA	Electronic	278.41	278.67
USDHUFmicro	27-07-18	11:32-13:30			277.44	27-07-18 12:47	175.8860259	Other	NA	Electronic	277.14	277.44
USDHUFmicro	27-07-18	13:32-15:30			276.68	27-07-18 13:38	87.94301293	Other	NA	Electronic	276.42	276.68
USDHUFmicro	27-07-18	15:32-17:30			276.509	27-07-18 16:21	43.97150646	Other	NA	Electronic	276.23	276.509
USDHUFmicro	30-07-18	09:32-11:30			276.11	30-07-18 10:48	879.4301293	Other	NA	Electronic	275.84	276.11
USDHUFmicro	30-07-18	11:32-13:30			275.44	30-07-18 11:35	1758.860259	Other	NA	Electronic	275.44	275.72
USDHUFmicro	30-07-18	13:32-15:30			275.08	30-07-18 13:57	17.58860259	Other	NA	Electronic	274.81	275.08

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	30-07-18	15:32-17:30			274.74	30-07-18 16:00	439.7150646	Other	NA	Electronic	274.46	274.74
USDHUFmicro	31-07-18	09:32-11:30			273.8	31-07-18 09:33	4397.150646	Other	NA	Electronic	273.54	273.8
USDHUFmicro	31-07-18	11:32-13:30			272.891	31-07-18 12:00	351.7720517	Other	NA	Electronic	272.891	273.19
USDHUFmicro	31-07-18	13:32-15:30			273.84	31-07-18 13:34	52.76580776	Other	NA	Electronic	273.58	273.84
USDHUFmicro	31-07-18	15:32-17:30			273.57	31-07-18 17:09	87.94301293	Other	NA	Electronic	273.57	273.89
USDHUFmicro	01-08-18	09:32-11:30			275.43	01-08-18 09:42	43.97150646	Other	NA	Electronic	275.16	275.43
USDHUFmicro	01-08-18	11:30-11:32	274.73	879.4301293								
USDHUFmicro	01-08-18	13:32-15:30			274.66	01-08-18 15:18	8.794301293	Other	NA	Electronic	274.66	274.94
USDHUFmicro	01-08-18	15:32-17:30			275.32	01-08-18 16:33	43.97150646	Other	NA	Electronic	275.04	275.32
USDHUFmicro	02-08-18	09:32-11:30			277.48	02-08-18 10:13	96.73731422	Other	NA	Electronic	277.22	277.48
USDHUFmicro	02-08-18	11:32-13:30			277.01	02-08-18 12:11	87.94301293	Other	NA	Electronic	277.01	277.245
USDHUFmicro	02-08-18	13:32-15:30			276.43	02-08-18 13:45	87.94301293	Other	NA	Electronic	276.16	276.43
USDHUFmicro	02-08-18	15:32-17:30			276.47	02-08-18 15:43	87.94301293	Other	NA	Electronic	276.47	276.75
USDHUFmicro	03-08-18	09:32-11:30			277.46	03-08-18 10:36	4397.150646	Other	NA	Electronic	277.19	277.46
USDHUFmicro	03-08-18	11:30-11:32	276.01	13191.45194								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	03-08-18	13:32-15:30			275.97	03-08-18 14:41	35.17720517	Other	NA	Electronic	275.97	276.24
USDHUFmicro	06-08-18	09:32-11:30			277.17	06-08-18 10:15	879.4301293	Other	NA	Electronic	277.17	277.44
USDHUFmicro	07-08-18	13:32-15:30			275.83	07-08-18 14:12	87.94301293	Other	NA	Electronic	275.83	276.1
USDHUFmicro	08-08-18	13:32-15:30			275.46	08-08-18 14:41	15829.74233	Other	NA	Electronic	275.46	275.729
USDHUFmicro	08-08-18	15:32-17:30			275.38	08-08-18 16:36	17588.60259	Other	NA	Electronic	275.38	275.66
USDHUFmicro	09-08-18	09:32-11:30			276.17	09-08-18 10:48	43.97150646	Other	NA	Electronic	275.9	276.17
USDHUFmicro	09-08-18	11:32-13:30			276.18	09-08-18 11:32	87.94301293	Other	NA	Electronic	276.18	276.45
USDHUFmicro	09-08-18	15:32-17:30			277.66	09-08-18 17:17	175.8860259	Other	NA	Electronic	277.66	277.99
USDHUFmicro	10-08-18	09:32-11:30			281.63	10-08-18 10:08	123.1202181	Other	NA	Electronic	281.351	281.63
USDHUFmicro	10-08-18	11:32-13:30			281.85	10-08-18 11:33	87.94301293	Other	NA	Electronic	281.581	281.85
USDHUFmicro	10-08-18	13:32-15:30			281.74	10-08-18 15:14	8.794301293	Other	NA	Electronic	281.451	281.74
USDHUFmicro	10-08-18	15:32-17:30			282.441	10-08-18 16:05	87.94301293	Other	NA	Electronic	282.441	282.839
USDHUFmicro	13-08-18	11:32-13:30			284.269	13-08-18 12:01	87.94301293	Other	NA	Electronic	283.941	284.269
USDHUFmicro	13-08-18	13:32-15:30			283.07	13-08-18 14:31	87.94301293	Other	NA	Electronic	283.07	283.359
USDHUFmicro	13-08-18	15:32-17:30			283.69	13-08-18 15:44	26.38290388	Other	NA	Electronic	283.69	283.98

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	14-08-18	09:32-11:30			283.209	14-08-18 10:57	17.58860259	Other	NA	Electronic	282.92	283.209
USDHUFmicro	14-08-18	11:32-13:30			283.319	14-08-18 12:43	17.58860259	Other	NA	Electronic	283.02	283.299
USDHUFmicro	15-08-18	09:32-11:30			286.62	15-08-18 10:36	87.94301293	Other	NA	Electronic	286.62	286.909
USDHUFmicro	15-08-18	13:32-15:30			287.839	15-08-18 13:51	175.8860259	Other	NA	Electronic	287.55	287.839
USDHUFmicro	15-08-18	15:32-17:30			286.07	15-08-18 16:12	879.4301293	Other	NA	Electronic	286.07	286.379
USDHUFmicro	16-08-18	09:32-11:30			284.95	16-08-18 10:47	3517.720517	Other	NA	Electronic	284.661	284.95
USDHUFmicro	16-08-18	11:32-13:30			284.57	16-08-18 12:45	96.73731422	Other	NA	Electronic	284.57	284.885
USDHUFmicro	16-08-18	13:32-15:30			283.84	16-08-18 14:11	87.94301293	Other	NA	Electronic	283.84	284.139
USDHUFmicro	16-08-18	15:32-17:30			284.71	16-08-18 16:19	87.94301293	Other	NA	Electronic	284.42	284.71
USDHUFmicro	17-08-18	09:32-11:30			284.539	17-08-18 10:46	8.794301293	Other	NA	Electronic	284.25	284.539
USDHUFmicro	17-08-18	11:32-13:30			283.541	17-08-18 13:11	43.97150646	Other	NA	Electronic	283.541	283.84
USDHUFmicro	17-08-18	13:32-15:30			282.971	17-08-18 14:22	35.17720517	Other	NA	Electronic	282.971	283.26
USDHUFmicro	20-08-18	09:30-09:32	283.831	87.94301293								
USDHUFmicro	20-08-18	15:32-17:30			282.89	20-08-18 17:10	96.73731422	Other	NA	Electronic	282.59	282.89
USDHUFmicro	21-08-18	09:32-11:30			280.539	21-08-18 10:48	87.94301293	Other	NA	Electronic	280.24	280.539

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	21-08-18	11:32-13:30			280.05	21-08-18 12:00	96.73731422	Other	NA	Electronic	280.05	280.69
USDHUFmicro	21-08-18	13:32-15:30			280.81	21-08-18 14:01	96.73731422	Other	NA	Electronic	280.521	280.81
USDHUFmicro	21-08-18	15:30-15:32	280.33	131.9145194								
USDHUFmicro	22-08-18	09:32-11:30			278.26	22-08-18 10:03	8.794301293	Other	NA	Electronic	278.26	278.55
USDHUFmicro	22-08-18	11:30-11:32	278.15	87.94301293								
USDHUFmicro	22-08-18	13:32-15:30			278.67	22-08-18 14:57	131.9145194	Other	NA	Electronic	278.361	278.67
USDHUFmicro	22-08-18	15:32-17:30			278.96	22-08-18 16:17	87.94301293	Other	NA	Electronic	278.67	278.96
USDHUFmicro	23-08-18	09:32-11:30			279.96	23-08-18 10:16	87.94301293	Other	NA	Electronic	279.96	280.249
USDHUFmicro	23-08-18	11:32-13:30			280.63	23-08-18 13:22	35.17720517	Other	NA	Electronic	280.34	280.63
USDHUFmicro	23-08-18	15:32-17:30			280.569	23-08-18 15:44	4397.150646	Other	NA	Electronic	280.27	280.569
USDHUFmicro	24-08-18	09:32-11:30			279.98	24-08-18 10:54	131.9145194	Other	NA	Electronic	279.98	280.27
USDHUFmicro	24-08-18	11:32-13:30			279.98	24-08-18 12:40	131.9145194	Other	NA	Electronic	279.69	279.98
USDHUFmicro	24-08-18	13:32-15:30			279.11	24-08-18 14:03	351.7720517	Other	NA	Electronic	278.79	279.11
USDHUFmicro	24-08-18	15:32-17:30			278.35	24-08-18 16:09	175.8860259	Other	NA	Electronic	278.06	278.35
USDHUFmicro	27-08-18	09:32-11:30			278.94	27-08-18 10:15	439.7150646	Other	NA	Electronic	278.641	278.94



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	27-08-18	11:32-13:30			278.529	27-08-18 11:56	879.4301293	Other	NA	Electronic	278.23	278.529
USDHUFmicro	27-08-18	13:32-15:30			277.55	27-08-18 14:21	879.4301293	Other	NA	Electronic	277.55	277.84
USDHUFmicro	27-08-18	15:32-17:30			276.92	27-08-18 16:58	131.9145194	Other	NA	Electronic	276.63	276.92
USDHUFmicro	28-08-18	09:32-11:30			276.471	28-08-18 09:58	131.9145194	Other	NA	Electronic	276.471	276.76
USDHUFmicro	28-08-18	11:32-13:30			276.11	28-08-18 12:01	879.4301293	Other	NA	Electronic	276.11	276.41
USDHUFmicro	28-08-18	13:32-15:30			276.74	28-08-18 14:22	131.9145194	Other	NA	Electronic	276.441	276.74
USDHUFmicro	29-08-18	11:32-13:30			278.65	29-08-18 13:20	43.97150646	Other	NA	Electronic	278.331	278.65
USDHUFmicro	29-08-18	15:32-17:30			278.38	29-08-18 16:09	5100.69475	Other	NA	Electronic	278.38	278.67
USDHUFmicro	30-08-18	09:32-11:30			279.46	30-08-18 10:17	131.9145194	Other	NA	Electronic	279.19	279.46
USDHUFmicro	30-08-18	13:32-15:30			280.43	30-08-18 14:26	510.069475	Other	NA	Electronic	280.15	280.43
USDHUFmicro	30-08-18	15:32-17:30			280.72	30-08-18 15:34	43.97150646	Other	NA	Electronic	280.451	280.72
USDHUFmicro	31-08-18	11:32-13:30			280.44	31-08-18 13:09	510.069475	Other	NA	Electronic	280.44	280.71
USDHUFmicro	31-08-18	15:32-17:30			281.24	31-08-18 15:37	879.4301293	Other	NA	Electronic	280.97	281.24
USDHUFmicro	03-09-18	09:32-11:30			281.93	03-09-18 10:02	43.97150646	Other	NA	Electronic	281.67	281.93
USDHUFmicro	04-09-18	09:32-11:30			283.62	04-09-18 09:34	61.56010905	Other	NA	Electronic	283.36	283.62

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	04-09-18	11:32-13:30			283.73	04-09-18 13:17	439.7150646	Other	NA	Electronic	283.48	283.73
USDHUFmicro	04-09-18	13:32-15:30			284.26	04-09-18 14:01	87.94301293	Other	NA	Electronic	284.001	284.26
USDHUFmicro	04-09-18	15:32-17:30			283.121	04-09-18 16:43	175.8860259	Other	NA	Electronic	283.121	283.39
USDHUFmicro	05-09-18	09:32-11:30			283.56	05-09-18 10:41	175.8860259	Other	NA	Electronic	283.56	283.837
USDHUFmicro	05-09-18	11:32-13:30			282.08	05-09-18 13:06	439.7150646	Other	NA	Electronic	282.08	282.35
USDHUFmicro	05-09-18	13:32-15:30			281.56	05-09-18 14:00	43.97150646	Other	NA	Electronic	281.56	281.829
USDHUFmicro	06-09-18	09:32-11:30			280.83	06-09-18 10:56	26.38290388	Other	NA	Electronic	280.83	281.09
USDHUFmicro	06-09-18	11:32-13:30			279.87	06-09-18 12:22	439.7150646	Other	NA	Electronic	279.87	280.13
USDHUFmicro	06-09-18	13:32-15:30			280.911	06-09-18 15:25	114.3259168	Other	NA	Electronic	280.911	281.19
USDHUFmicro	06-09-18	15:32-17:30			281.2	06-09-18 15:48	87.94301293	Other	NA	Electronic	280.941	281.2
USDHUFmicro	07-09-18	09:32-11:30			279.61	07-09-18 10:47	87.94301293	Other	NA	Electronic	279.35	279.61
USDHUFmicro	07-09-18	11:32-13:30			280.29	07-09-18 12:45	175.8860259	Other	NA	Electronic	280.29	280.54
USDHUFmicro	07-09-18	13:32-15:30			281.04	07-09-18 15:13	439.7150646	Other	NA	Electronic	280.77	281.04
USDHUFmicro	07-09-18	15:32-17:30			281.61	07-09-18 17:00	43.97150646	Other	NA	Electronic	281.3	281.61
USDHUFmicro	10-09-18	11:32-13:30			280.735	10-09-18 12:00	439.7150646	Other	NA	Electronic	280.735	281.004

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	10-09-18	15:32-17:30			279.83	10-09-18 17:25	263.8290388	Other	NA	Electronic	279.51	279.83
USDHUFmicro	11-09-18	09:30-09:32	279.47	87.94301293								
USDHUFmicro	11-09-18	11:32-13:30			280.78	11-09-18 12:03	439.7150646	Other	NA	Electronic	280.51	280.78
USDHUFmicro	11-09-18	15:32-17:30			280.131	11-09-18 15:50	3517.720517	Other	NA	Electronic	280.131	280.41
USDHUFmicro	12-09-18	09:32-11:30			280.161	12-09-18 10:08	527.6580776	Other	NA	Electronic	280.161	280.42
USDHUFmicro	12-09-18	13:32-15:30			279.81	12-09-18 15:06	87.94301293	Other	NA	Electronic	279.53	279.8
USDHUFmicro	12-09-18	15:32-17:30			279.51	12-09-18 15:49	43.97150646	Other	NA	Electronic	279.51	279.78
USDHUFmicro	13-09-18	09:32-11:30			278.98	13-09-18 11:01	175.8860259	Other	NA	Electronic	278.98	279.36
USDHUFmicro	13-09-18	11:32-13:30			278.84	13-09-18 12:36	879.4301293	Other	NA	Electronic	278.84	279.11
USDHUFmicro	13-09-18	13:32-15:30			277.27	13-09-18 13:41	8.794301293	Other	NA	Electronic	276.99	277.27
USDHUFmicro	13-09-18	15:30-15:32	277.43	26.38290388								
USDHUFmicro	14-09-18	13:32-15:30			278.838	14-09-18 14:41	105.5316155	Other	NA	Electronic	278.58	278.838
USDHUFmicro	14-09-18	15:32-17:30			278.9	14-09-18 16:07	105.5316155	Other	NA	Electronic	278.9	279.18
USDHUFmicro	17-09-18	09:30-09:32	279.05	17.58860259								
USDHUFmicro	17-09-18	11:32-13:30			278	17-09-18 12:00	8.794301293	Other	NA	Electronic	278	278.26

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	17-09-18	13:32-15:30			277.68	17-09-18 14:43	8.794301293	Other	NA	Electronic	277.421	277.68
USDHUFmicro	17-09-18	15:32-17:30			277.951	17-09-18 16:35	263.8290388	Other	NA	Electronic	277.951	278.22
USDHUFmicro	18-09-18	11:32-13:30			277	18-09-18 11:41	8.794301293	Other	NA	Electronic	277	277.27
USDHUFmicro	18-09-18	13:32-15:30			277	18-09-18 14:33	175.8860259	Other	NA	Electronic	276.74	277
USDHUFmicro	18-09-18	15:32-17:30			277.58	18-09-18 16:32	175.8860259	Other	NA	Electronic	277.58	277.85
USDHUFmicro	19-09-18	11:32-13:30			276.958	19-09-18 13:00	3693.606543	Other	NA	Electronic	276.621	276.958
USDHUFmicro	19-09-18	13:32-15:30			276.72	19-09-18 14:43	26.38290388	Other	NA	Electronic	276.72	276.98
USDHUFmicro	19-09-18	15:32-17:30			276.47	19-09-18 16:08	26.38290388	Other	NA	Electronic	276.191	276.47
USDHUFmicro	20-09-18	09:32-11:30			276.31	20-09-18 11:05	439.7150646	Other	NA	Electronic	276.051	276.31
USDHUFmicro	20-09-18	11:32-13:30			274.93	20-09-18 12:25	879.4301293	Other	NA	Electronic	274.67	274.93
USDHUFmicro	20-09-18	13:32-15:30			275.63	20-09-18 14:15	8.794301293	Other	NA	Electronic	275.351	275.64
USDHUFmicro	21-09-18	09:32-11:30			274.82	21-09-18 10:05	175.8860259	Other	NA	Electronic	274.54	274.82
USDHUFmicro	21-09-18	11:32-13:30			275.48	21-09-18 12:14	87.94301293	Other	NA	Electronic	275.48	275.74
USDHUFmicro	24-09-18	09:32-11:30			275.21	24-09-18 09:43	87.94301293	Other	NA	Electronic	274.95	275.21
USDHUFmicro	24-09-18	11:32-13:30			273.7	24-09-18 13:22	61.56010905	Other	NA	Electronic	273.7	273.95

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDHUFmicro	24-09-18	15:32-17:30			275.24	24-09-18 15:41	1758.860259	Other	NA	Electronic	274.951	275.24
USDHUFmicro	25-09-18	15:32-17:30			275.54	25-09-18 16:01	879.4301293	Other	NA	Electronic	275.27	275.54
USDHUFmicro	26-09-18	13:32-15:30			275.66	26-09-18 15:08	615.6010905	Other	NA	Electronic	275.4	275.66
USDHUFmicro	26-09-18	15:30-15:32	275.55	263.8290388								
USDHUFmicro	27-09-18	09:32-11:30			276.5	27-09-18 11:24	8.794301293	Other	NA	Electronic	276.24	276.5
USDHUFmicro	27-09-18	11:32-13:30			276.41	27-09-18 11:33	879.4301293	Other	NA	Electronic	276.41	276.66
USDHUFmicro	27-09-18	15:32-17:30			277.33	27-09-18 15:45	43.97150646	Other	NA	Electronic	277.33	277.59
USDHUFmicro	28-09-18	09:32-11:30			279.64	28-09-18 09:38	87.94301293	Other	NA	Electronic	279.38	279.64
USDHUFmicro	28-09-18	11:32-13:30			280.12	28-09-18 11:51	263.8290388	Other	NA	Electronic	280.12	280.37
USDHUFmicro	28-09-18	13:32-15:30			279.38	28-09-18 14:40	351.7720517	Other	NA	Electronic	279.12	279.38
USDHUFmicro	28-09-18	15:32-17:30			278.56	28-09-18 15:43	87.94301293	Other	NA	Electronic	278.29	278.56
USDJPY	02-07-18	09:30-09:32	110.754	21985.75323								
USDJPY	02-07-18	11:30-11:32	110.77525	39574.35582								
USDJPY	02-07-18	13:30-13:32	110.846	73872.13086								
USDJPY	02-07-18	15:30-15:32	110.76457	61560.10905								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	03-07-18	09:30-09:32	110.88233	36936.06543								
USDJPY	03-07-18	11:30-11:32	110.83375	41333.21608								
USDJPY	03-07-18	13:30-13:32	110.71688	45730.36672								
USDJPY	03-07-18	15:30-15:32	110.55356	454665.3768								
USDJPY	04-07-18	09:30-09:32	110.513	879.4301293								
USDJPY	04-07-18	11:30-11:32	110.506	11432.59168								
USDJPY	04-07-18	13:30-13:32	110.5105	3517.720517								
USDJPY	04-07-18	15:30-15:32	110.52838	470495.1192								
USDJPY	05-07-18	09:30-09:32	110.64433	56283.52827								
USDJPY	05-07-18	11:30-11:32	110.631	28141.76414								
USDJPY	05-07-18	13:30-13:32	110.6452	126637.9386								
USDJPY	05-07-18	15:30-15:32	110.6095	90581.30332								
USDJPY	06-07-18	09:30-09:32	110.634	98496.17448								
USDJPY	06-07-18	11:30-11:32	110.61375	58921.81866								
USDJPY	06-07-18	13:30-13:32	110.48513	499516.3134								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	06-07-18	15:30-15:32	110.40975	16709.17246								
USDJPY	09-07-18	09:30-09:32	110.4846	36936.06543								
USDJPY	09-07-18	11:32-13:30			110.437	09-07-18 11:33	10553.16155	Other	NA	Electronic	110.422	110.437
USDJPY	09-07-18	13:30-13:32	110.5758	65077.82957								
USDJPY	09-07-18	15:30-15:32	110.742	40453.78595								
USDJPY	10-07-18	09:30-09:32	111.169	8794.301293								
USDJPY	10-07-18	11:30-11:32	111.28884	311318.2658								
USDJPY	10-07-18	13:30-13:32	111.22123	102893.3251								
USDJPY	10-07-18	15:30-15:32	111.22891	25503.47375								
USDJPY	11-07-18	09:30-09:32	111.2145	29900.6244								
USDJPY	11-07-18	11:30-11:32	111.1905	12312.02181								
USDJPY	11-07-18	13:30-13:32	111.1552	37815.49556								
USDJPY	11-07-18	15:30-15:32	111.54815	291091.3728								
USDJPY	12-07-18	09:30-09:32	112.43338	197871.7791								
USDJPY	12-07-18	11:30-11:32	112.56233	444112.2153								

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USDJPY	12-07-18	13:30-13:32	112.4584	23744.61349								
USDJPY	12-07-18	15:30-15:32	112.4345	38694.92569								
USDJPY	13-07-18	09:30-09:32	112.60923	401020.1389								
USDJPY	13-07-18	11:30-11:32	112.63123	181162.6066								
USDJPY	13-07-18	13:30-13:32	112.51636	263829.0388								
USDJPY	13-07-18	15:30-15:32	112.46575	51006.9475								
USDJPY	16-07-18	09:30-09:32	112.40567	32538.91478								
USDJPY	16-07-18	11:30-11:32	112.30738	151261.9822								
USDJPY	16-07-18	13:30-13:32	112.39071	67716.11995								
USDJPY	16-07-18	15:30-15:32	112.35517	31659.48465								
USDJPY	17-07-18	09:30-09:32	112.369	7914.871163								
USDJPY	17-07-18	11:30-11:32	112.52113	134552.8098								
USDJPY	17-07-18	13:30-13:32	112.656	62439.53918								
USDJPY	17-07-18	15:30-15:32	112.77245	46609.79685								
USDJPY	18-07-18	09:30-09:32	112.959	46609.79685								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	18-07-18	11:30-11:32	112.98733	21106.3231								
USDJPY	18-07-18	13:30-13:32	112.8315	12312.02181								
USDJPY	18-07-18	15:30-15:32	112.79	23744.61349								
USDJPY	19-07-18	09:30-09:32	113.03003	110808.1963								
USDJPY	19-07-18	11:30-11:32	112.984	15829.74233								
USDJPY	19-07-18	13:30-13:32	113.00257	163574.004								
USDJPY	19-07-18	15:30-15:32	112.933	24624.04362								
USDJPY	20-07-18	09:30-09:32	112.38829	117843.6373								
USDJPY	20-07-18	11:30-11:32	112.37167	36056.6353								
USDJPY	20-07-18	13:30-13:32	111.829	56283.52827								
USDJPY	20-07-18	15:30-15:32	111.813	9673.731422								
USDJPY	23-07-18	09:30-09:32	111.06967	94099.02383								
USDJPY	23-07-18	11:30-11:32	111.07033	7914.871163								
USDJPY	23-07-18	13:30-13:32	111.26433	423005.8922								
USDJPY	23-07-18	15:30-15:32	111.389	52765.80776								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	24-07-18	09:30-09:32	111.21275	59801.24879								
USDJPY	24-07-18	11:30-11:32	111.0748	10553.16155								
USDJPY	24-07-18	13:32-15:30			111.125	24-07-18 13:32	26382.90388	Other	NA	Electronic	111.125	111.141
USDJPY	24-07-18	15:30-15:32	111.22545	1162606.631								
USDJPY	25-07-18	09:30-09:32	111.094	202268.9297								
USDJPY	25-07-18	11:30-11:32	111.083	879.4301293								
USDJPY	25-07-18	13:30-13:32	111.0231	70354.41034								
USDJPY	25-07-18	15:30-15:32	110.952	60680.67892								
USDJPY	26-07-18	09:30-09:32	110.769	46609.79685								
USDJPY	26-07-18	11:30-11:32	110.833	3517.720517								
USDJPY	26-07-18	13:30-13:32	111.08386	470495.1192								
USDJPY	26-07-18	15:30-15:32	111.06364	342977.7504								
USDJPY	27-07-18	09:30-09:32	111.189	17588.60259								
USDJPY	27-07-18	11:30-11:32	111.166	879.4301293								
USDJPY	27-07-18	13:30-13:32	110.98123	44850.93659								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	27-07-18	15:30-15:32	111.002	9673.731422								
USDJPY	30-07-18	09:30-09:32	111.09633	38694.92569								
USDJPY	30-07-18	11:30-11:32	111.068	5276.580776								
USDJPY	30-07-18	13:32-15:30			111.047	30-07-18 13:32	4397.150646	Other	NA	Electronic	111.047	111.063
USDJPY	30-07-18	15:30-15:32	110.971	18468.03271								
USDJPY	31-07-18	09:30-09:32	111.488	879.4301293								
USDJPY	31-07-18	11:30-11:32	111.43429	70354.41034								
USDJPY	31-07-18	13:30-13:32	111.80415	466097.9685								
USDJPY	31-07-18	15:30-15:32	111.9043	21106.3231								
USDJPY	01-08-18	09:30-09:32	111.9652	74751.56099								
USDJPY	01-08-18	11:30-11:32	111.856	171488.8752								
USDJPY	01-08-18	13:30-13:32	111.975	40453.78595								
USDJPY	01-08-18	15:30-15:32	111.84889	61560.10905								
USDJPY	02-08-18	09:30-09:32	111.55067	45730.36672								
USDJPY	02-08-18	11:30-11:32	111.495	88822.44306								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	02-08-18	13:30-13:32	111.383	8794.301293								
USDJPY	02-08-18	15:32-17:30			111.449	02-08-18 15:33	43971.50646	Other	NA	Electronic	111.433	111.449
USDJPY	03-08-18	09:32-11:30			111.724	03-08-18 09:35	879.4301293	Other	NA	Electronic	111.708	111.724
USDJPY	03-08-18	11:30-11:32	111.58944	61560.10905								
USDJPY	03-08-18	13:30-13:32	111.401	229531.2637								
USDJPY	03-08-18	15:30-15:32	111.13125	29900.6244								
USDJPY	06-08-18	09:30-09:32	111.2675	88822.44306								
USDJPY	06-08-18	11:30-11:32	111.4796	135432.2399								
USDJPY	06-08-18	13:30-13:32	111.45175	124879.0784								
USDJPY	06-08-18	15:30-15:32	111.40267	2638.290388								
USDJPY	07-08-18	09:32-11:30			111.235	07-08-18 09:32	1758.860259	Other	NA	Electronic	111.238	111.252
USDJPY	07-08-18	11:30-11:32	111.1544	92340.16357								
USDJPY	07-08-18	13:30-13:32	111.11043	108169.9059								
USDJPY	07-08-18	15:30-15:32	111.18	50127.51737								
USDJPY	08-08-18	09:30-09:32	110.9035	3517.720517								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	08-08-18	11:30-11:32	111.0755	44850.93659								
USDJPY	08-08-18	13:30-13:32	110.989	25503.47375								
USDJPY	08-08-18	15:30-15:32	110.9438	72113.2706								
USDJPY	09-08-18	09:30-09:32	111.09325	14950.3122								
USDJPY	09-08-18	11:30-11:32	111.123	5276.580776								
USDJPY	09-08-18	13:30-13:32	110.9865	23744.61349								
USDJPY	09-08-18	15:30-15:32	110.922	2638.290388								
USDJPY	10-08-18	09:30-09:32	110.91433	206666.0804								
USDJPY	10-08-18	11:30-11:32	110.98878	226013.5432								
USDJPY	10-08-18	13:30-13:32	110.84606	591856.477								
USDJPY	10-08-18	15:30-15:32	110.66875	77389.85138								
USDJPY	13-08-18	09:30-09:32	110.439	2638.290388								
USDJPY	13-08-18	11:32-13:30			110.35	13-08-18 11:33	879.4301293	Other	NA	Electronic	110.35	110.366
USDJPY	13-08-18	13:30-13:32	110.768	2638.290388								
USDJPY	13-08-18	15:30-15:32	110.70343	17588.60259								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	14-08-18	09:32-11:30			111.001	14-08-18 09:33	1758.860259	Other	NA	Electronic	110.986	111.001
USDJPY	14-08-18	11:30-11:32	110.887	7914.871163								
USDJPY	14-08-18	13:30-13:32	110.8312	5316155.131								
USDJPY	14-08-18	15:30-15:32	110.8455	6156.010905								
USDJPY	15-08-18	09:32-11:30			111.256	15-08-18 09:34	21985.75323	Other	NA	Electronic	111.256	111.271
USDJPY	15-08-18	11:30-11:32	111.01862	75630.99112								
USDJPY	15-08-18	13:30-13:32	110.89775	19347.46284								
USDJPY	15-08-18	15:30-15:32	110.59078	55404.09814								
USDJPY	16-08-18	09:30-09:32	110.819	2638.290388								
USDJPY	16-08-18	11:30-11:32	110.859	2638.290388								
USDJPY	16-08-18	13:32-15:30			110.592	16-08-18 13:35	1758.860259	Other	NA	Electronic	110.592	110.607
USDJPY	16-08-18	15:32-17:30			110.743	16-08-18 15:33	1758.860259	Other	NA	Electronic	110.743	110.758
USDJPY	17-08-18	09:30-09:32	110.6294	10553.16155								
USDJPY	17-08-18	11:30-11:32	110.4455	19347.46284								
USDJPY	17-08-18	13:30-13:32	110.44867	282297.0715								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	17-08-18	15:30-15:32	110.48	879430.1293								
USDJPY	20-08-18	09:30-09:32	110.644	879.4301293								
USDJPY	20-08-18	11:30-11:32	110.58525	74751.56099								
USDJPY	20-08-18	13:30-13:32	110.38264	137191.1002								
USDJPY	20-08-18	15:30-15:32	110.49067	9673.731422								
USDJPY	21-08-18	09:30-09:32	110.24	87943.01293								
USDJPY	21-08-18	11:30-11:32	110.2115	3517.720517								
USDJPY	21-08-18	13:30-13:32	110.35933	14070.88207								
USDJPY	21-08-18	15:30-15:32	110.417	1758.860259								
USDJPY	22-08-18	09:30-09:32	110.2725	7035.441034								
USDJPY	22-08-18	11:30-11:32	110.297	1818661.507								
USDJPY	22-08-18	13:30-13:32	110.353	1758.860259								
USDJPY	22-08-18	15:30-15:32	110.562	5276.580776								
USDJPY	23-08-18	09:30-09:32	110.8865	61560.10905								
USDJPY	23-08-18	11:30-11:32	110.77	45730.36672								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	23-08-18	13:30-13:32	110.9482	462580.248								
USDJPY	23-08-18	15:30-15:32	111.149	5276.580776								
USDJPY	24-08-18	09:32-11:30			111.47	24-08-18 09:34	26382.90388	Other	NA	Electronic	111.454	111.47
USDJPY	24-08-18	11:30-11:32	111.371	4397.150646								
USDJPY	24-08-18	13:32-15:30			111.353	24-08-18 13:34	5276.580776	Other	NA	Electronic	111.353	111.368
USDJPY	24-08-18	15:30-15:32	111.23267	13191.45194								
USDJPY	27-08-18	09:32-11:30			111.164	27-08-18 09:32	879.4301293	Other	NA	Electronic	111.164	111.18
USDJPY	27-08-18	11:32-13:30			111.098	27-08-18 11:36	879.4301293	Other	NA	Electronic	111.082	111.098
USDJPY	27-08-18	13:30-13:32	110.983	29021.19427								
USDJPY	27-08-18	15:30-15:32	111.065	3517.720517								
USDJPY	28-08-18	09:30-09:32	111.0855	8794.301293								
USDJPY	28-08-18	11:32-13:30			111.095	28-08-18 11:36	879.4301293	Other	NA	Electronic	111.095	111.11
USDJPY	28-08-18	13:30-13:32	111.087	879.4301293								
USDJPY	28-08-18	15:32-17:30			111.124	28-08-18 15:32	1758.860259	Other	NA	Electronic	111.124	111.14
USDJPY	29-08-18	09:30-09:32	111.234	879.4301293								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	29-08-18	11:30-11:32	111.22483	11432.59168								
USDJPY	29-08-18	13:30-13:32	111.337	6156.010905								
USDJPY	29-08-18	15:30-15:32	111.76246	102013.895								
USDJPY	30-08-18	09:30-09:32	111.537	13191.45194								
USDJPY	30-08-18	11:30-11:32	111.521	879.4301293								
USDJPY	30-08-18	13:30-13:32	111.363	49248.08724								
USDJPY	30-08-18	15:30-15:32	111.255	879.4301293								
USDJPY	31-08-18	09:30-09:32	110.806	7035.441034								
USDJPY	31-08-18	11:30-11:32	110.822	19347.46284								
USDJPY	31-08-18	13:30-13:32	110.818	72113.2706								
USDJPY	31-08-18	15:30-15:32	110.837	879.4301293								
USDJPY	03-09-18	09:30-09:32	111.007	879.4301293								
USDJPY	03-09-18	11:30-11:32	111.102	879.4301293								
USDJPY	03-09-18	13:30-13:32	111.105	18468.03271								
USDJPY	03-09-18	15:30-15:32	111.07057	11432.59168								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	04-09-18	09:30-09:32	111.379	36936.06543								
USDJPY	04-09-18	11:30-11:32	111.269	11432.59168								
USDJPY	04-09-18	13:30-13:32	111.384	12312.02181								
USDJPY	04-09-18	15:30-15:32	111.45225	52765.80776								
USDJPY	05-09-18	09:30-09:32	111.57414	101134.4649								
USDJPY	05-09-18	11:30-11:32	111.58267	51006.9475								
USDJPY	05-09-18	13:30-13:32	111.70267	6156.010905								
USDJPY	05-09-18	15:30-15:32	111.54525	14070.88207								
USDJPY	06-09-18	09:30-09:32	111.33988	33418.34491								
USDJPY	06-09-18	11:30-11:32	111.305	879.4301293								
USDJPY	06-09-18	13:30-13:32	111.202	879.4301293								
USDJPY	06-09-18	15:30-15:32	110.8795	199630.6393								
USDJPY	07-09-18	09:30-09:32	110.806	26382.90388								
USDJPY	07-09-18	11:30-11:32	110.8625	5276.580776								
USDJPY	07-09-18	13:30-13:32	110.984	2638.290388								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	07-09-18	15:30-15:32	111.166	879.4301293								
USDJPY	10-09-18	09:30-09:32	111.1368	69474.98021								
USDJPY	10-09-18	11:30-11:32	111.107	4397.150646								
USDJPY	10-09-18	13:30-13:32	111.16375	72113.2706								
USDJPY	10-09-18	15:30-15:32	111.153	13191.45194								
USDJPY	11-09-18	09:30-09:32	111.3468	18468.03271								
USDJPY	11-09-18	11:30-11:32	111.356	3517.720517								
USDJPY	11-09-18	13:30-13:32	111.43333	2638.290388								
USDJPY	11-09-18	15:30-15:32	111.519	52765.80776								
USDJPY	12-09-18	09:30-09:32	111.451	35177.20517								
USDJPY	12-09-18	11:30-11:32	111.505	189077.4778								
USDJPY	12-09-18	13:30-13:32	111.3	2638.290388								
USDJPY	12-09-18	15:30-15:32	111.42475	39574.35582								
USDJPY	13-09-18	09:32-11:30			111.462	13-09-18 09:32	48368.65711	Other	NA	Electronic	111.446	111.462
USDJPY	13-09-18	11:30-11:32	111.534	44850.93659								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	13-09-18	13:30-13:32	111.46386	204027.79								
USDJPY	13-09-18	15:30-15:32	111.92108	68595.55008								
USDJPY	14-09-18	09:30-09:32	111.75767	22865.18336								
USDJPY	14-09-18	11:30-11:32	111.88608	47489.22698								
USDJPY	14-09-18	13:30-13:32	111.9695	20226.89297								
USDJPY	14-09-18	15:30-15:32	112.13475	15829.74233								
USDJPY	17-09-18	09:30-09:32	111.937	3517.720517								
USDJPY	17-09-18	11:30-11:32	112.081	105531.6155								
USDJPY	17-09-18	13:30-13:32	112.04933	19347.46284								
USDJPY	17-09-18	15:32-17:30			111.995	17-09-18 15:33	175886.0259	Other	NA	Electronic	111.981	111.995
USDJPY	18-09-18	09:30-09:32	111.91017	124879.0784								
USDJPY	18-09-18	11:30-11:32	112.067	879.4301293								
USDJPY	18-09-18	13:30-13:32	112.18733	11432.59168								
USDJPY	18-09-18	15:30-15:32	112.334	21106.3231								
USDJPY	19-09-18	09:30-09:32	112.33033	14070.88207								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	19-09-18	11:30-11:32	112.34167	3517.720517								
USDJPY	19-09-18	13:30-13:32	112.26075	3517.720517								
USDJPY	19-09-18	15:30-15:32	112.2395	7914.871163								
USDJPY	20-09-18	09:32-11:30			112.237	20-09-18 09:37	4397.150646	Other	NA	Electronic	112.237	112.252
USDJPY	20-09-18	11:30-11:32	112.2564	25503.47375								
USDJPY	20-09-18	13:30-13:32	112.1775	22865.18336								
USDJPY	20-09-18	15:30-15:32	112.5204	29900.6244								
USDJPY	21-09-18	09:30-09:32	112.725	7035.441034								
USDJPY	21-09-18	11:30-11:32	112.7035	176765.456								
USDJPY	21-09-18	13:30-13:32	112.70643	571629.584								
USDJPY	21-09-18	15:32-17:30			112.591	21-09-18 15:33	3517.720517	Other	NA	Electronic	112.591	112.605
USDJPY	24-09-18	09:30-09:32	112.662	2638.290388								
USDJPY	24-09-18	11:30-11:32	112.601	879.4301293								
USDJPY	24-09-18	13:30-13:32	112.56462	145105.9713								
USDJPY	24-09-18	15:30-15:32	112.60483	353530.912								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	25-09-18	09:30-09:32	112.839	879.4301293								
USDJPY	25-09-18	11:30-11:32	112.78982	91460.73344								
USDJPY	25-09-18	13:30-13:32	112.83667	97616.74435								
USDJPY	25-09-18	15:30-15:32	112.86	1758.860259								
USDJPY	26-09-18	09:32-11:30			112.886	26-09-18 09:34	1758.860259	Other	NA	Electronic	112.886	112.901
USDJPY	26-09-18	11:30-11:32	112.936	17588.60259								
USDJPY	26-09-18	13:30-13:32	113.0384	148623.6918								
USDJPY	26-09-18	15:30-15:32	112.989	1868789.025								
USDJPY	27-09-18	09:30-09:32	112.77267	3517.720517								
USDJPY	27-09-18	11:30-11:32	112.826	879.4301293								
USDJPY	27-09-18	13:30-13:32	113.03975	23744.61349								
USDJPY	27-09-18	15:30-15:32	113.2746	13191.45194								
USDJPY	28-09-18	09:30-09:32	113.476	4397.150646								
USDJPY	28-09-18	11:30-11:32	113.42633	52765.80776								
USDJPY	28-09-18	13:30-13:32	113.434	20226.89297								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY	28-09-18	15:30-15:32	113.4936	95857.88409								
USDJPY.	02-07-18	09:30-09:32	110.763	4397.150646								
USDJPY.	02-07-18	11:30-11:32	110.781	4397.150646								
USDJPY.	02-07-18	13:30-13:32	110.886	2638.290388								
USDJPY.	02-07-18	15:30-15:32	110.777	8794.301293								
USDJPY.	03-07-18	09:32-11:30			110.887	03-07-18 09:32	879.4301293	Other	NA	Electronic	110.887	110.887
USDJPY.	03-07-18	11:32-13:30			110.852	03-07-18 11:36	879.4301293	Other	NA	Electronic	110.852	110.852
USDJPY.	03-07-18	13:30-13:32	110.714	43971.50646								
USDJPY.	03-07-18	15:30-15:32	110.5588	27262.33401								
USDJPY.	04-07-18	09:32-11:30			110.496	04-07-18 09:33	4397.150646	Other	NA	Electronic	110.496	110.496
USDJPY.	04-07-18	11:32-13:30			110.506	04-07-18 11:32	26382.90388	Other	NA	Electronic	110.505	110.506
USDJPY.	04-07-18	13:32-15:30			110.513	04-07-18 13:34	4397.150646	Other	NA	Electronic	110.512	110.513
USDJPY.	04-07-18	15:32-17:30			110.529	04-07-18 15:34	879.4301293	Other	NA	Electronic	110.529	110.529
USDJPY.	05-07-18	09:30-09:32	110.647	4397.150646								
USDJPY.	05-07-18	11:32-13:30			110.627	05-07-18 11:32	879.4301293	Other	NA	Electronic	110.627	110.628

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	05-07-18	13:30-13:32	110.64336	140708.8207								
USDJPY.	05-07-18	15:32-17:30			110.642	05-07-18 15:32	351772.0517	Other	NA	Electronic	110.64	110.641
USDJPY.	06-07-18	09:30-09:32	110.64	8794.301293								
USDJPY.	06-07-18	11:32-13:30			110.609	06-07-18 11:34	13191.45194	Other	NA	Electronic	110.609	110.609
USDJPY.	06-07-18	13:30-13:32	110.499	8794.301293								
USDJPY.	06-07-18	15:32-17:30			110.486	06-07-18 15:40	879.4301293	Other	NA	Electronic	110.486	110.486
USDJPY.	09-07-18	09:30-09:32	110.499	879.4301293								
USDJPY.	09-07-18	11:30-11:32	110.43	87943.01293								
USDJPY.	09-07-18	13:30-13:32	110.576	24624.04362								
USDJPY.	09-07-18	15:30-15:32	110.751	439715.0646								
USDJPY.	10-07-18	09:30-09:32	111.178	4397.150646								
USDJPY.	10-07-18	11:30-11:32	111.28925	99375.60461								
USDJPY.	10-07-18	13:32-15:30			111.19	10-07-18 13:33	43971.50646	Other	NA	Electronic	111.19	111.19
USDJPY.	10-07-18	15:32-17:30			111.246	10-07-18 15:32	11432.59168	Other	NA	Electronic	111.246	111.246
USDJPY.	11-07-18	09:30-09:32	111.2185	60680.67892								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	11-07-18	11:30-11:32	111.2	1758.860259								
USDJPY.	11-07-18	13:32-15:30			111.193	11-07-18 13:33	879.4301293	Other	NA	Electronic	111.193	111.193
USDJPY.	11-07-18	15:30-15:32	111.5584	6156.010905								
USDJPY.	12-07-18	09:30-09:32	112.433	87943.01293								
USDJPY.	12-07-18	11:30-11:32	112.565	18468.03271								
USDJPY.	12-07-18	13:30-13:32	112.46267	36936.06543								
USDJPY.	12-07-18	15:30-15:32	112.432	1758.860259								
USDJPY.	13-07-18	09:30-09:32	112.606	18468.03271								
USDJPY.	13-07-18	11:30-11:32	112.63	4397.150646								
USDJPY.	13-07-18	13:30-13:32	112.513	2638.290388								
USDJPY.	13-07-18	15:30-15:32	112.474	879.4301293								
USDJPY.	16-07-18	09:30-09:32	112.4095	17588.60259								
USDJPY.	16-07-18	11:30-11:32	112.309	879.4301293								
USDJPY.	16-07-18	13:30-13:32	112.39633	38694.92569								
USDJPY.	16-07-18	15:32-17:30			112.393	16-07-18 15:32	4397.150646	Other	NA	Electronic	112.392	112.393

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	17-07-18	09:32-11:30			112.383	17-07-18 09:33	879.4301293	Other	NA	Electronic	112.384	112.384
USDJPY.	17-07-18	11:30-11:32	112.525	879.4301293								
USDJPY.	17-07-18	13:30-13:32	112.67	879.4301293								
USDJPY.	17-07-18	15:32-17:30			112.771	17-07-18 15:33	175886.0259	Other	NA	Electronic	112.771	112.771
USDJPY.	18-07-18	09:30-09:32	112.964	33418.34491								
USDJPY.	18-07-18	11:30-11:32	112.984	61560.10905								
USDJPY.	18-07-18	13:32-15:30			112.858	18-07-18 13:33	8794.301293	Other	NA	Electronic	112.857	112.858
USDJPY.	18-07-18	15:30-15:32	112.802	42212.64621								
USDJPY.	19-07-18	09:30-09:32	113.02975	56283.52827								
USDJPY.	19-07-18	11:30-11:32	112.98633	3517.720517								
USDJPY.	19-07-18	13:30-13:32	113.0205	6156.010905								
USDJPY.	19-07-18	15:32-17:30			112.938	19-07-18 15:34	879.4301293	Other	NA	Electronic	112.938	112.939
USDJPY.	20-07-18	09:30-09:32	112.3955	27262.33401								
USDJPY.	20-07-18	11:30-11:32	112.375	17588.60259								
USDJPY.	20-07-18	13:30-13:32	111.825	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	20-07-18	15:30-15:32	111.83	879.4301293								
USDJPY.	23-07-18	09:30-09:32	111.074	34297.77504								
USDJPY.	23-07-18	11:30-11:32	111.063	879.4301293								
USDJPY.	23-07-18	13:32-15:30			111.251	23-07-18 13:35	879.4301293	Other	NA	Electronic	111.251	111.251
USDJPY.	23-07-18	15:30-15:32	111.383	17588.60259								
USDJPY.	24-07-18	09:32-11:30			111.214	24-07-18 09:33	4397.150646	Other	NA	Electronic	111.214	111.214
USDJPY.	24-07-18	11:32-13:30			111.033	24-07-18 11:38	17588.60259	Other	NA	Electronic	111.033	111.033
USDJPY.	24-07-18	13:32-15:30			111.135	24-07-18 13:37	439715.0646	Other	NA	Electronic	111.135	111.135
USDJPY.	24-07-18	15:30-15:32	111.2105	1758.860259								
USDJPY.	25-07-18	09:30-09:32	111.0785	24624.04362								
USDJPY.	25-07-18	11:32-13:30			111.047	25-07-18 11:43	9673.731422	Other	NA	Electronic	111.047	111.048
USDJPY.	25-07-18	13:30-13:32	111.004	1758.860259								
USDJPY.	25-07-18	15:30-15:32	110.948	87943.01293								
USDJPY.	26-07-18	09:30-09:32	110.744	15829.74233								
USDJPY.	26-07-18	11:32-13:30			110.838	26-07-18 11:32	879.4301293	Other	NA	Electronic	110.838	110.839

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	26-07-18	13:30-13:32	111.08845	123120.2181								
USDJPY.	26-07-18	15:30-15:32	111.06288	7035.441034								
USDJPY.	27-07-18	09:32-11:30			111.187	27-07-18 09:32	879.4301293	Other	NA	Electronic	111.187	111.188
USDJPY.	27-07-18	11:30-11:32	111.178	4397.150646								
USDJPY.	27-07-18	13:30-13:32	110.97517	9673.731422								
USDJPY.	27-07-18	15:30-15:32	111.004	879.4301293								
USDJPY.	30-07-18	09:32-11:30			111.096	30-07-18 09:34	4397.150646	Other	NA	Electronic	111.096	111.096
USDJPY.	30-07-18	11:32-13:30			111.069	30-07-18 11:38	23744.61349	Other	NA	Electronic	111.069	111.07
USDJPY.	30-07-18	13:32-15:30			111.019	30-07-18 13:35	1758.860259	Other	NA	Electronic	111.019	111.02
USDJPY.	30-07-18	15:30-15:32	110.986	21985.75323								
USDJPY.	31-07-18	09:30-09:32	111.496	4397.150646								
USDJPY.	31-07-18	11:32-13:30			111.45	31-07-18 11:32	13191.45194	Other	NA	Electronic	111.449	111.451
USDJPY.	31-07-18	13:30-13:32	111.847	53645.23789								
USDJPY.	31-07-18	15:30-15:32	111.904	6156.010905								
USDJPY.	01-08-18	09:30-09:32	111.96333	21985.75323								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	01-08-18	11:32-13:30			111.834	01-08-18 11:34	4397.150646	Other	NA	Electronic	111.834	111.836
USDJPY.	01-08-18	13:30-13:32	111.96588	49248.08724								
USDJPY.	01-08-18	15:30-15:32	111.853	879.4301293								
USDJPY.	02-08-18	09:30-09:32	111.54657	156538.563								
USDJPY.	02-08-18	11:30-11:32	111.5045	6156.010905								
USDJPY.	02-08-18	13:32-15:30			111.398	02-08-18 13:51	8794.301293	Other	NA	Electronic	111.398	111.399
USDJPY.	02-08-18	15:32-17:30			111.462	02-08-18 15:38	879.4301293	Other	NA	Electronic	111.461	111.462
USDJPY.	03-08-18	09:30-09:32	111.718	879.4301293								
USDJPY.	03-08-18	11:32-13:30			111.56	03-08-18 11:34	35177.20517	Other	NA	Electronic	111.561	111.563
USDJPY.	03-08-18	13:32-15:30			111.41	03-08-18 13:32	879.4301293	Other	NA	Electronic	111.409	111.41
USDJPY.	03-08-18	15:30-15:32	111.1295	2638.290388								
USDJPY.	06-08-18	09:32-11:30			111.279	06-08-18 09:41	43971.50646	Other	NA	Electronic	111.279	111.281
USDJPY.	06-08-18	11:30-11:32	111.47633	12312.02181								
USDJPY.	06-08-18	13:30-13:32	111.42733	3517.720517								
USDJPY.	06-08-18	15:30-15:32	111.3925	1758.860259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	07-08-18	09:30-09:32	111.252	15829.74233								
USDJPY.	07-08-18	11:30-11:32	111.1455	1758.860259								
USDJPY.	07-08-18	13:30-13:32	111.108	1758.860259								
USDJPY.	07-08-18	15:32-17:30			111.162	07-08-18 15:38	879.4301293	Other	NA	Electronic	111.162	111.162
USDJPY.	08-08-18	09:30-09:32	110.892	15829.74233								
USDJPY.	08-08-18	11:32-13:30			111.062	08-08-18 11:38	879.4301293	Other	NA	Electronic	111.061	111.062
USDJPY.	08-08-18	13:32-15:30			110.994	08-08-18 13:33	879.4301293	Other	NA	Electronic	110.994	110.994
USDJPY.	08-08-18	15:30-15:32	110.9375	1758.860259								
USDJPY.	09-08-18	09:32-11:30			111.113	09-08-18 09:34	879.4301293	Other	NA	Electronic	111.112	111.113
USDJPY.	09-08-18	11:30-11:32	111.128	1758.860259								
USDJPY.	09-08-18	13:32-15:30			111.012	09-08-18 13:33	879.4301293	Other	NA	Electronic	111.012	111.012
USDJPY.	09-08-18	15:32-17:30			110.922	09-08-18 15:36	1758.860259	Other	NA	Electronic	110.922	110.923
USDJPY.	10-08-18	09:32-11:30			110.948	10-08-18 09:38	879.4301293	Other	NA	Electronic	110.947	110.948
USDJPY.	10-08-18	11:30-11:32	110.99411	12312.02181								
USDJPY.	10-08-18	13:30-13:32	110.82986	26382.90388								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	10-08-18	15:30-15:32	110.6725	10553.16155								
USDJPY.	13-08-18	09:30-09:32	110.423	15829.74233								
USDJPY.	13-08-18	11:32-13:30			110.359	13-08-18 11:33	4397.150646	Other	NA	Electronic	110.358	110.359
USDJPY.	13-08-18	13:32-15:30			110.77	13-08-18 13:38	43971.50646	Other	NA	Electronic	110.77	110.771
USDJPY.	13-08-18	15:32-17:30			110.676	13-08-18 15:36	4397.150646	Other	NA	Electronic	110.675	110.676
USDJPY.	14-08-18	09:30-09:32	111.001	3517.720517								
USDJPY.	14-08-18	11:30-11:32	110.88586	19347.46284								
USDJPY.	14-08-18	13:32-15:30			110.861	14-08-18 13:32	879.4301293	Other	NA	Electronic	110.861	110.861
USDJPY.	14-08-18	15:32-17:30			110.85	14-08-18 15:33	4397.150646	Other	NA	Electronic	110.85	110.851
USDJPY.	15-08-18	09:32-11:30			111.239	15-08-18 09:40	21985.75323	Other	NA	Electronic	111.238	111.239
USDJPY.	15-08-18	11:30-11:32	111.01033	5276.580776								
USDJPY.	15-08-18	13:32-15:30			110.872	15-08-18 13:37	1758.860259	Other	NA	Electronic	110.871	110.872
USDJPY.	15-08-18	15:32-17:30			110.635	15-08-18 15:32	1758.860259	Other	NA	Electronic	110.635	110.636
USDJPY.	16-08-18	09:32-11:30			110.83	16-08-18 09:32	26382.90388	Other	NA	Electronic	110.83	110.83
USDJPY.	16-08-18	11:30-11:32	110.866	1758.860259								

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USDJPY.	16-08-18	13:32-15:30			110.577	16-08-18 13:39	879.4301293	Other	NA	Electronic	110.577	110.577
USDJPY.	16-08-18	15:30-15:32	110.749	879.4301293								
USDJPY.	17-08-18	09:30-09:32	110.626	21985.75323								
USDJPY.	17-08-18	11:30-11:32	110.454	2638.290388								
USDJPY.	17-08-18	13:32-15:30			110.476	17-08-18 13:36	1758.860259	Other	NA	Electronic	110.476	110.477
USDJPY.	17-08-18	15:32-17:30			110.489	17-08-18 15:35	1758.860259	Other	NA	Electronic	110.489	110.489
USDJPY.	20-08-18	09:32-11:30			110.66	20-08-18 09:32	879.4301293	Other	NA	Electronic	110.66	110.66
USDJPY.	20-08-18	11:30-11:32	110.588	90581.30332								
USDJPY.	20-08-18	13:30-13:32	110.389	1758.860259								
USDJPY.	20-08-18	15:32-17:30			110.375	20-08-18 15:53	8794.301293	Other	NA	Electronic	110.383	110.388
USDJPY.	21-08-18	09:30-09:32	110.24967	20226.89297								
USDJPY.	21-08-18	11:32-13:30			110.251	21-08-18 11:38	879.4301293	Other	NA	Electronic	110.252	110.252
USDJPY.	21-08-18	13:30-13:32	110.355	88822.44306								
USDJPY.	21-08-18	15:32-17:30			110.392	21-08-18 15:33	879.4301293	Other	NA	Electronic	110.392	110.393
USDJPY.	22-08-18	09:30-09:32	110.2805	18468.03271								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	22-08-18	11:30-11:32	110.278	2638.290388								
USDJPY.	22-08-18	13:30-13:32	110.362	879.4301293								
USDJPY.	22-08-18	15:32-17:30			110.547	22-08-18 15:34	8794.301293	Other	NA	Electronic	110.547	110.547
USDJPY.	23-08-18	09:30-09:32	110.88825	36056.6353								
USDJPY.	23-08-18	11:30-11:32	110.776	1758.860259								
USDJPY.	23-08-18	13:32-15:30			110.931	23-08-18 13:32	879.4301293	Other	NA	Electronic	110.931	110.931
USDJPY.	23-08-18	15:30-15:32	111.144	879.4301293								
USDJPY.	24-08-18	09:32-11:30			111.462	24-08-18 09:34	26382.90388	Other	NA	Electronic	111.462	111.462
USDJPY.	24-08-18	11:32-13:30			111.343	24-08-18 11:38	43971.50646	Other	NA	Electronic	111.343	111.343
USDJPY.	24-08-18	13:30-13:32	111.37725	99375.60461								
USDJPY.	24-08-18	15:32-17:30			111.23	24-08-18 15:34	879.4301293	Other	NA	Electronic	111.23	111.231
USDJPY.	27-08-18	09:32-11:30			111.169	27-08-18 09:41	879.4301293	Other	NA	Electronic	111.169	111.169
USDJPY.	27-08-18	11:30-11:32	111.09	43971.50646								
USDJPY.	27-08-18	13:30-13:32	110.986	2638.290388								
USDJPY.	27-08-18	15:30-15:32	111.059	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	28-08-18	09:32-11:30			111.09	28-08-18 09:33	2638.290388	Other	NA	Electronic	111.09	111.091
USDJPY.	28-08-18	11:32-13:30			111.099	28-08-18 11:36	4397.150646	Other	NA	Electronic	111.099	111.099
USDJPY.	28-08-18	13:32-15:30			111.044	28-08-18 13:39	17588.60259	Other	NA	Electronic	111.044	111.045
USDJPY.	28-08-18	15:30-15:32	111.13517	5276.580776								
USDJPY.	29-08-18	09:30-09:32	111.226	15829.74233								
USDJPY.	29-08-18	11:32-13:30			111.237	29-08-18 11:34	17588.60259	Other	NA	Electronic	111.237	111.238
USDJPY.	29-08-18	13:32-15:30			111.366	29-08-18 13:35	879.4301293	Other	NA	Electronic	111.366	111.366
USDJPY.	29-08-18	15:30-15:32	111.754	10553.16155								
USDJPY.	30-08-18	09:32-11:30			111.566	30-08-18 09:43	879.4301293	Other	NA	Electronic	111.566	111.568
USDJPY.	30-08-18	11:30-11:32	111.5174	87943.01293								
USDJPY.	30-08-18	13:32-15:30			111.381	30-08-18 13:32	879.4301293	Other	NA	Electronic	111.38	111.381
USDJPY.	30-08-18	15:32-17:30			111.193	30-08-18 15:38	29900.6244	Other	NA	Electronic	111.191	111.193
USDJPY.	31-08-18	09:30-09:32	110.81	51006.9475								
USDJPY.	31-08-18	11:32-13:30			110.833	31-08-18 11:37	4397.150646	Other	NA	Electronic	110.832	110.833
USDJPY.	31-08-18	13:32-15:30			110.806	31-08-18 13:34	879.4301293	Other	NA	Electronic	110.806	110.807

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	31-08-18	15:32-17:30			110.935	31-08-18 15:42	1758.860259	Other	NA	Electronic	110.933	110.935
USDJPY.	03-09-18	09:32-11:30			111.001	03-09-18 09:35	1758.860259	Other	NA	Electronic	110.999	111.001
USDJPY.	03-09-18	11:32-13:30			111.109	03-09-18 11:34	879.4301293	Other	NA	Electronic	111.109	111.11
USDJPY.	03-09-18	13:32-15:30			111.13	03-09-18 13:42	2638.290388	Other	NA	Electronic	111.13	111.131
USDJPY.	03-09-18	15:30-15:32	111.056	879.4301293								
USDJPY.	04-09-18	09:30-09:32	111.386	20226.89297								
USDJPY.	04-09-18	11:30-11:32	111.2675	30780.05452								
USDJPY.	04-09-18	13:32-15:30			111.349	04-09-18 13:37	879.4301293	Other	NA	Electronic	111.349	111.35
USDJPY.	04-09-18	15:30-15:32	111.4585	1758.860259								
USDJPY.	05-09-18	09:30-09:32	111.5755	16709.17246								
USDJPY.	05-09-18	11:32-13:30			111.606	05-09-18 11:37	879.4301293	Other	NA	Electronic	111.606	111.607
USDJPY.	05-09-18	13:30-13:32	111.673	4397.150646								
USDJPY.	05-09-18	15:30-15:32	111.5435	175886.0259								
USDJPY.	06-09-18	09:32-11:30			111.347	06-09-18 09:32	1758.860259	Other	NA	Electronic	111.347	111.347
USDJPY.	06-09-18	11:32-13:30			111.281	06-09-18 11:36	5276.580776	Other	NA	Electronic	111.281	111.282

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	06-09-18	13:32-15:30			111.179	06-09-18 13:32	3517.720517	Other	NA	Electronic	111.179	111.18
USDJPY.	06-09-18	15:32-17:30			110.903	06-09-18 15:35	879.4301293	Other	NA	Electronic	110.903	110.903
USDJPY.	07-09-18	09:30-09:32	110.80575	20226.89297								
USDJPY.	07-09-18	11:30-11:32	110.864	2638.290388								
USDJPY.	07-09-18	13:32-15:30			110.941	07-09-18 13:33	879.4301293	Other	NA	Electronic	110.941	110.942
USDJPY.	07-09-18	15:32-17:30			111.185	07-09-18 15:35	2638.290388	Other	NA	Electronic	111.185	111.186
USDJPY.	10-09-18	09:30-09:32	111.136	24624.04362								
USDJPY.	10-09-18	11:32-13:30			111.091	10-09-18 11:37	8794.301293	Other	NA	Electronic	111.091	111.092
USDJPY.	10-09-18	13:30-13:32	111.172	1758.860259								
USDJPY.	10-09-18	15:32-17:30			111.098	10-09-18 15:38	4397.150646	Other	NA	Electronic	111.101	111.102
USDJPY.	11-09-18	09:30-09:32	111.349	15829.74233								
USDJPY.	11-09-18	11:32-13:30			111.324	11-09-18 11:34	879.4301293	Other	NA	Electronic	111.324	111.325
USDJPY.	11-09-18	13:30-13:32	111.42525	35177.20517								
USDJPY.	11-09-18	15:32-17:30			111.535	11-09-18 15:43	17588.60259	Other	NA	Electronic	111.535	111.536
USDJPY.	12-09-18	09:32-11:30			111.47	12-09-18 09:32	879.4301293	Other	NA	Electronic	111.47	111.471

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	12-09-18	11:30-11:32	111.517	4397.150646								
USDJPY.	12-09-18	13:30-13:32	111.3155	92340.16357								
USDJPY.	12-09-18	15:30-15:32	111.421	12312.02181								
USDJPY.	13-09-18	09:30-09:32	111.464	879.4301293								
USDJPY.	13-09-18	11:32-13:30			111.547	13-09-18 11:48	1758.860259	Other	NA	Electronic	111.547	111.548
USDJPY.	13-09-18	13:30-13:32	111.447	879.4301293								
USDJPY.	13-09-18	15:30-15:32	111.935	17588.60259								
USDJPY.	14-09-18	09:30-09:32	111.766	15829.74233								
USDJPY.	14-09-18	11:30-11:32	111.881	6156.010905								
USDJPY.	14-09-18	13:32-15:30			111.98	14-09-18 13:44	879.4301293	Other	NA	Electronic	111.981	111.981
USDJPY.	14-09-18	15:30-15:32	112.137	3517.720517								
USDJPY.	17-09-18	09:32-11:30			111.982	17-09-18 09:52	8794.301293	Other	NA	Electronic	111.982	111.982
USDJPY.	17-09-18	11:32-13:30			112.061	17-09-18 11:32	48368.65711	Other	NA	Electronic	112.061	112.061
USDJPY.	17-09-18	13:30-13:32	112.05171	6156.010905								
USDJPY.	17-09-18	15:32-17:30			111.991	17-09-18 15:37	879.4301293	Other	NA	Electronic	111.991	111.991

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	18-09-18	09:30-09:32	111.9	879.4301293								
USDJPY.	18-09-18	11:32-13:30			112.075	18-09-18 11:32	879.4301293	Other	NA	Electronic	112.075	112.075
USDJPY.	18-09-18	13:30-13:32	112.18467	3517.720517								
USDJPY.	18-09-18	15:30-15:32	112.33125	14070.88207								
USDJPY.	19-09-18	09:32-11:30			112.333	19-09-18 09:36	1758.860259	Other	NA	Electronic	112.334	112.334
USDJPY.	19-09-18	11:32-13:30			112.345	19-09-18 11:36	13191.45194	Other	NA	Electronic	112.345	112.345
USDJPY.	19-09-18	13:30-13:32	112.272	8794.301293								
USDJPY.	19-09-18	15:30-15:32	112.23	28141.76414								
USDJPY.	20-09-18	09:30-09:32	112.24	879.4301293								
USDJPY.	20-09-18	11:30-11:32	112.244	4397.150646								
USDJPY.	20-09-18	13:30-13:32	112.179	17588.60259								
USDJPY.	20-09-18	15:32-17:30			112.512	20-09-18 15:32	8794.301293	Other	NA	Electronic	112.512	112.512
USDJPY.	21-09-18	09:32-11:30			112.737	21-09-18 09:32	4397.150646	Other	NA	Electronic	112.736	112.737
USDJPY.	21-09-18	11:32-13:30			112.659	21-09-18 11:39	879.4301293	Other	NA	Electronic	112.659	112.659
USDJPY.	21-09-18	13:30-13:32	112.727	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	21-09-18	15:30-15:32	112.591	879.4301293								
USDJPY.	24-09-18	09:32-11:30			112.673	24-09-18 09:32	4397.150646	Other	NA	Electronic	112.673	112.673
USDJPY.	24-09-18	11:32-13:30			112.615	24-09-18 11:37	2638.290388	Other	NA	Electronic	112.615	112.615
USDJPY.	24-09-18	13:30-13:32	112.561	7914.871163								
USDJPY.	24-09-18	15:32-17:30			112.653	24-09-18 15:38	8794.301293	Other	NA	Electronic	112.652	112.653
USDJPY.	25-09-18	09:30-09:32	112.836	50127.51737								
USDJPY.	25-09-18	11:30-11:32	112.789	8794.301293								
USDJPY.	25-09-18	13:30-13:32	112.8398	119602.4976								
USDJPY.	25-09-18	15:32-17:30			112.9	25-09-18 15:34	879.4301293	Other	NA	Electronic	112.9	112.901
USDJPY.	26-09-18	09:30-09:32	112.89757	57162.9584								
USDJPY.	26-09-18	11:32-13:30			112.955	26-09-18 11:37	23744.61349	Other	NA	Electronic	112.955	112.955
USDJPY.	26-09-18	13:30-13:32	113.03775	37815.49556								
USDJPY.	26-09-18	15:30-15:32	112.998	131914.5194								
USDJPY.	27-09-18	09:30-09:32	112.76967	15829.74233								
USDJPY.	27-09-18	11:30-11:32	112.819	3517.720517								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPY.	27-09-18	13:30-13:32	113.039	4397.150646								
USDJPY.	27-09-18	15:30-15:32	113.278	8794.301293								
USDJPY.	28-09-18	09:32-11:30			113.493	28-09-18 09:38	879.4301293	Other	NA	Electronic	113.494	113.494
USDJPY.	28-09-18	11:30-11:32	113.429	28141.76414								
USDJPY.	28-09-18	13:30-13:32	113.443	4397.150646								
USDJPY.	28-09-18	15:30-15:32	113.49267	36936.06543								
USDJPYmicro	02-07-18	09:30-09:32	110.76317	88127.69325								
USDJPYmicro	02-07-18	11:30-11:32	110.78675	3113.182658								
USDJPYmicro	02-07-18	13:30-13:32	110.853	2137.015214								
USDJPYmicro	02-07-18	15:30-15:32	110.773	2321.695541								
USDJPYmicro	03-07-18	09:30-09:32	110.89071	4907.220121								
USDJPYmicro	03-07-18	11:30-11:32	110.843	1231.202181								
USDJPYmicro	03-07-18	13:30-13:32	110.71011	57417.99314								
USDJPYmicro	03-07-18	15:30-15:32	110.552	47735.46742								
USDJPYmicro	04-07-18	09:30-09:32	110.4935	483.6865711								



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USDJPYmicro	04-07-18	11:30-11:32	110.5042	1081.699059								
USDJPYmicro	04-07-18	13:30-13:32	110.5066	263.8290388								
USDJPYmicro	04-07-18	15:30-15:32	110.5408	8442.529241								
USDJPYmicro	05-07-18	09:30-09:32	110.638	325.3891478								
USDJPYmicro	05-07-18	11:30-11:32	110.628	24914.25556								
USDJPYmicro	05-07-18	13:30-13:32	110.641	134544.0155								
USDJPYmicro	05-07-18	15:30-15:32	110.60569	6446.222848								
USDJPYmicro	06-07-18	09:32-11:30			110.638	06-07-18 09:32	1758.860259	Other	NA	Electronic	110.623	110.638
USDJPYmicro	06-07-18	11:30-11:32	110.60767	290.2119427								
USDJPYmicro	06-07-18	13:30-13:32	110.49089	3693.606543								
USDJPYmicro	06-07-18	15:30-15:32	110.412	21994.54753								
USDJPYmicro	09-07-18	09:30-09:32	110.4914	5408.495295								
USDJPYmicro	09-07-18	11:30-11:32	110.4318	7105.795445								
USDJPYmicro	09-07-18	13:30-13:32	110.5695	23120.2181								
USDJPYmicro	09-07-18	15:30-15:32	110.74325	25934.39451								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPYmicro	10-07-18	09:30-09:32	111.17567	7510.333304								
USDJPYmicro	10-07-18	11:30-11:32	111.28994	27877.9351								
USDJPYmicro	10-07-18	13:30-13:32	111.21433	6208.776713								
USDJPYmicro	10-07-18	15:30-15:32	111.23529	13041.94882								
USDJPYmicro	11-07-18	09:30-09:32	111.21063	40488.96315								
USDJPYmicro	11-07-18	11:30-11:32	111.204	12523.08504								
USDJPYmicro	11-07-18	13:30-13:32	111.17308	13314.57216								
USDJPYmicro	11-07-18	15:30-15:32	111.55178	164884.3549								
USDJPYmicro	12-07-18	09:30-09:32	112.42467	4573.036672								
USDJPYmicro	12-07-18	11:30-11:32	112.56767	14642.51165								
USDJPYmicro	12-07-18	13:30-13:32	112.45193	57945.65122								
USDJPYmicro	12-07-18	15:30-15:32	112.43422	153671.6208								
USDJPYmicro	13-07-18	09:30-09:32	112.60969	5250.197872								
USDJPYmicro	13-07-18	11:30-11:32	112.62985	9876.000352								
USDJPYmicro	13-07-18	13:30-13:32	112.50433	8978.98162								

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USDJPYmicro	13-07-18	15:30-15:32	112.47421	25459.50224								
USDJPYmicro	16-07-18	09:30-09:32	112.4124	8495.295049								
USDJPYmicro	16-07-18	11:30-11:32	112.30967	2189.781022								
USDJPYmicro	16-07-18	13:30-13:32	112.38767	61867.90959								
USDJPYmicro	16-07-18	15:30-15:32	112.34363	1028.933251								
USDJPYmicro	17-07-18	09:30-09:32	112.37275	6296.719726								
USDJPYmicro	17-07-18	11:30-11:32	112.51914	28792.54243								
USDJPYmicro	17-07-18	13:30-13:32	112.66467	1855.597573								
USDJPYmicro	17-07-18	15:30-15:32	112.766	1547.797028								
USDJPYmicro	18-07-18	09:30-09:32	112.96964	90291.09137								
USDJPYmicro	18-07-18	11:30-11:32	112.9846	17861.22593								
USDJPYmicro	18-07-18	13:30-13:32	112.829	20455.54481								
USDJPYmicro	18-07-18	15:30-15:32	112.78489	3966.229883								
USDJPYmicro	19-07-18	09:30-09:32	113.0286	21502.06666								
USDJPYmicro	19-07-18	11:30-11:32	112.98122	1626.945739								

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USDJPYmicro	19-07-18	13:30-13:32	113.00856	2066.660804								
USDJPYmicro	19-07-18	15:30-15:32	112.93743	73432.41579								
USDJPYmicro	20-07-18	09:30-09:32	112.38675	5206.226365								
USDJPYmicro	20-07-18	11:30-11:32	112.3665	281.4176414								
USDJPYmicro	20-07-18	13:30-13:32	111.8343	14123.64788								
USDJPYmicro	20-07-18	15:30-15:32	111.81613	10509.19004								
USDJPYmicro	23-07-18	09:30-09:32	111.07133	35933.51508								
USDJPYmicro	23-07-18	11:30-11:32	111.0735	14633.71735								
USDJPYmicro	23-07-18	13:30-13:32	111.26507	32538.91478								
USDJPYmicro	23-07-18	15:30-15:32	111.38433	3623.252133								
USDJPYmicro	24-07-18	09:30-09:32	111.22167	9321.95937								
USDJPYmicro	24-07-18	11:30-11:32	111.07417	8011.608478								
USDJPYmicro	24-07-18	13:30-13:32	111.1454	1864.391874								
USDJPYmicro	24-07-18	15:30-15:32	111.21442	114493.0085								
USDJPYmicro	25-07-18	09:30-09:32	111.0915	25846.4515								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPYmicro	25-07-18	11:30-11:32	111.0764	13639.96131								
USDJPYmicro	25-07-18	13:30-13:32	111.02554	43065.69343								
USDJPYmicro	25-07-18	15:30-15:32	110.94611	3834.315364								
USDJPYmicro	26-07-18	09:30-09:32	110.76861	27112.83089								
USDJPYmicro	26-07-18	11:30-11:32	110.82367	993.7560461								
USDJPYmicro	26-07-18	13:30-13:32	111.08082	371216.2519								
USDJPYmicro	26-07-18	15:30-15:32	111.06614	32574.09199								
USDJPYmicro	27-07-18	09:30-09:32	111.19	9673.731422								
USDJPYmicro	27-07-18	11:30-11:32	111.185	1758.860259								
USDJPYmicro	27-07-18	13:30-13:32	110.9754	31413.24422								
USDJPYmicro	27-07-18	15:30-15:32	111.0124	3702.400844								
USDJPYmicro	30-07-18	09:30-09:32	111.10539	38598.18837								
USDJPYmicro	30-07-18	11:30-11:32	111.06	175.8860259								
USDJPYmicro	30-07-18	13:30-13:32	111.07	4405.944948								
USDJPYmicro	30-07-18	15:32-17:30			110.98	30-07-18 15:32	8.794301293	Other	NA	Electronic	110.979	110.995

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPYmicro	31-07-18	09:30-09:32	111.48714	9779.263038								
USDJPYmicro	31-07-18	11:30-11:32	111.4415	21546.03817								
USDJPYmicro	31-07-18	13:30-13:32	111.84062	43056.89913								
USDJPYmicro	31-07-18	15:30-15:32	111.9035	351.7720517								
USDJPYmicro	01-08-18	09:30-09:32	111.968	3728.783748								
USDJPYmicro	01-08-18	11:30-11:32	111.85321	44094.62668								
USDJPYmicro	01-08-18	13:30-13:32	111.97671	8688.769677								
USDJPYmicro	01-08-18	15:30-15:32	111.86055	20077.38985								
USDJPYmicro	02-08-18	09:30-09:32	111.5534	1547.797028								
USDJPYmicro	02-08-18	11:30-11:32	111.49867	5118.283352								
USDJPYmicro	02-08-18	13:30-13:32	111.377	439.7150646								
USDJPYmicro	02-08-18	15:30-15:32	111.45	334.1834491								
USDJPYmicro	03-08-18	09:30-09:32	111.71	87.94301293								
USDJPYmicro	03-08-18	11:30-11:32	111.58763	8723.946882								
USDJPYmicro	03-08-18	13:30-13:32	111.4086	3394.600299								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPYmicro	03-08-18	15:30-15:32	111.13245	83704.1597								
USDJPYmicro	06-08-18	09:30-09:32	111.2718	9550.611204								
USDJPYmicro	06-08-18	11:30-11:32	111.47567	562.8352827								
USDJPYmicro	06-08-18	13:30-13:32	111.44262	3544.103421								
USDJPYmicro	06-08-18	15:30-15:32	111.39067	88048.54454								
USDJPYmicro	07-08-18	09:30-09:32	111.251	25978.36602								
USDJPYmicro	07-08-18	11:30-11:32	111.15363	442538.0354								
USDJPYmicro	07-08-18	13:30-13:32	111.10383	9708.908627								
USDJPYmicro	07-08-18	15:30-15:32	111.18425	2462.404362								
USDJPYmicro	08-08-18	09:30-09:32	110.90533	2339.284144								
USDJPYmicro	08-08-18	11:30-11:32	111.06517	282833.5239								
USDJPYmicro	08-08-18	13:30-13:32	110.97606	3614.457831								
USDJPYmicro	08-08-18	15:30-15:32	110.93525	949.7845396								
USDJPYmicro	09-08-18	09:30-09:32	111.09871	3755.166652								
USDJPYmicro	09-08-18	11:30-11:32	111.1265	668.3668982								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDJPYmicro	09-08-18	13:30-13:32	110.98325	2057.866503								
USDJPYmicro	09-08-18	15:30-15:32	110.933	6156.010905								
USDJPYmicro	10-08-18	09:30-09:32	110.9123	984.9617448								
USDJPYmicro	10-08-18	11:30-11:32	110.9852	14000.52766								
USDJPYmicro	10-08-18	13:30-13:32	110.83668	30630.5514								
USDJPYmicro	10-08-18	15:30-15:32	110.66071	179192.6831								
USDJPYmicro	13-08-18	09:30-09:32	110.42178	10386.06983								
USDJPYmicro	13-08-18	11:30-11:32	110.3714	5012.751737								
USDJPYmicro	13-08-18	13:30-13:32	110.7805	52589.92173								
USDJPYmicro	13-08-18	15:30-15:32	110.7043	5373.31809								
USDJPYmicro	14-08-18	09:30-09:32	111.001	1855.597573								
USDJPYmicro	14-08-18	11:30-11:32	110.9116	2198.575323								
USDJPYmicro	14-08-18	13:30-13:32	110.82622	1759159.265								
USDJPYmicro	14-08-18	15:30-15:32	110.8425	88030.95594								
USDJPYmicro	15-08-18	09:30-09:32	111.25133	6129.628001								



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USDJPYmicro	15-08-18	11:30-11:32	111.01189	37762.72975								
USDJPYmicro	15-08-18	13:30-13:32	110.89857	37991.38158								
USDJPYmicro	15-08-18	15:30-15:32	110.592	175.8860259								
USDJPYmicro	16-08-18	09:30-09:32	110.8175	149.503122								
USDJPYmicro	16-08-18	11:30-11:32	110.85527	510.069475								
USDJPYmicro	16-08-18	13:30-13:32	110.62057	193.4746284								
USDJPYmicro	16-08-18	15:30-15:32	110.757	439.7150646								
USDJPYmicro	17-08-18	09:30-09:32	110.62386	7439.978894								
USDJPYmicro	17-08-18	11:30-11:32	110.46008	8539.266555								
USDJPYmicro	17-08-18	13:30-13:32	110.44533	21546.03817								
USDJPYmicro	17-08-18	15:30-15:32	110.471	1327.939495								
USDJPYmicro	20-08-18	09:30-09:32	110.655	1899.569079								
USDJPYmicro	20-08-18	11:30-11:32	110.59522	87.94301293								
USDJPYmicro	20-08-18	13:30-13:32	110.38713	46407.52792								
USDJPYmicro	20-08-18	15:30-15:32	110.49073	1072.904758								

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USDJPYmicro	21-08-18	09:30-09:32	110.2475	4124.527306								
USDJPYmicro	21-08-18	11:30-11:32	110.21533	386.9492569								
USDJPYmicro	21-08-18	13:30-13:32	110.3565	334.1834491								
USDJPYmicro	21-08-18	15:30-15:32	110.419	1565.38563								
USDJPYmicro	22-08-18	09:30-09:32	110.28167	685.9555008								
USDJPYmicro	22-08-18	11:30-11:32	110.28371	562.8352827								
USDJPYmicro	22-08-18	13:30-13:32	110.36333	976.1674435								
USDJPYmicro	22-08-18	15:30-15:32	110.56417	18142.64357								
USDJPYmicro	23-08-18	09:30-09:32	110.89527	1582.974233								
USDJPYmicro	23-08-18	11:30-11:32	110.7765	5733.884443								
USDJPYmicro	23-08-18	13:30-13:32	110.9443	3350.628793								
USDJPYmicro	23-08-18	15:30-15:32	111.1484	4801.688506								
USDJPYmicro	24-08-18	09:30-09:32	111.46038	10852.1678								
USDJPYmicro	24-08-18	11:30-11:32	111.3585	19655.26339								
USDJPYmicro	24-08-18	13:30-13:32	111.36783	11274.29426								

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USDJPYmicro	24-08-18	15:30-15:32	111.2407	949.7845396								
USDJPYmicro	27-08-18	09:32-11:30			111.18	27-08-18 09:34	87.94301293	Other	NA	Electronic	111.164	111.18
USDJPYmicro	27-08-18	11:30-11:32	111.09657	2550.347375								
USDJPYmicro	27-08-18	13:30-13:32	110.98829	527.6580776								
USDJPYmicro	27-08-18	15:30-15:32	111.05914	45818.30974								
USDJPYmicro	28-08-18	09:30-09:32	111.09067	272.6233401								
USDJPYmicro	28-08-18	11:30-11:32	111.1015	413.3321608								
USDJPYmicro	28-08-18	13:30-13:32	111.06667	3341.834491								
USDJPYmicro	28-08-18	15:30-15:32	111.141	879.4301293								
USDJPYmicro	29-08-18	09:30-09:32	111.217	35.17720517								
USDJPYmicro	29-08-18	11:30-11:32	111.22733	17685.3399								
USDJPYmicro	29-08-18	13:30-13:32	111.325	8803.095594								
USDJPYmicro	29-08-18	15:30-15:32	111.76872	12883.65139								
USDJPYmicro	30-08-18	09:30-09:32	111.5406	1899.569079								
USDJPYmicro	30-08-18	11:30-11:32	111.51086	2321.695541								

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USDJPYmicro	30-08-18	13:30-13:32	111.3572	1908.363381								
USDJPYmicro	30-08-18	15:30-15:32	111.246	4089.350101								
USDJPYmicro	31-08-18	09:30-09:32	110.8075	2849.353619								
USDJPYmicro	31-08-18	11:30-11:32	110.808	17.58860259								
USDJPYmicro	31-08-18	13:30-13:32	110.82378	6657.286079								
USDJPYmicro	31-08-18	15:30-15:32	110.8642	1055.316155								
USDJPYmicro	03-09-18	09:30-09:32	111.017	4397.150646								
USDJPYmicro	03-09-18	11:30-11:32	111.121	8811.889895								
USDJPYmicro	03-09-18	13:30-13:32	111.11444	15091.02102								
USDJPYmicro	03-09-18	15:30-15:32	111.07683	1433.471111								
USDJPYmicro	04-09-18	09:30-09:32	111.38233	3878.28687								
USDJPYmicro	04-09-18	11:30-11:32	111.284	2295.312637								
USDJPYmicro	04-09-18	13:30-13:32	111.39143	13077.12602								
USDJPYmicro	04-09-18	15:30-15:32	111.4368	325.3891478								
USDJPYmicro	05-09-18	09:30-09:32	111.57409	18371.2954								

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USDJPYmicro	05-09-18	11:32-13:30			111.614	05-09-18 11:33	342.9777504	Other	NA	Electronic	111.598	111.614
USDJPYmicro	05-09-18	13:30-13:32	111.68569	4106.938704								
USDJPYmicro	05-09-18	15:30-15:32	111.54627	3078.005452								
USDJPYmicro	06-09-18	09:30-09:32	111.345	281.4176414								
USDJPYmicro	06-09-18	11:30-11:32	111.301	140.7088207								
USDJPYmicro	06-09-18	13:30-13:32	111.18225	1327.939495								
USDJPYmicro	06-09-18	15:30-15:32	110.86389	9823.234544								
USDJPYmicro	07-09-18	09:30-09:32	110.80177	1336.733796								
USDJPYmicro	07-09-18	11:30-11:32	110.86527	791.4871163								
USDJPYmicro	07-09-18	13:30-13:32	110.96988	545.2466802								
USDJPYmicro	07-09-18	15:30-15:32	111.14667	272.6233401								
USDJPYmicro	10-09-18	09:30-09:32	111.13515	13253.01205								
USDJPYmicro	10-09-18	11:30-11:32	111.118	26.38290388								
USDJPYmicro	10-09-18	13:30-13:32	111.16395	1943.540586								
USDJPYmicro	10-09-18	15:30-15:32	111.15025	1169.642072								

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USDJPYmicro	11-09-18	09:30-09:32	111.346	272.6233401								
USDJPYmicro	11-09-18	11:30-11:32	111.34433	949.7845396								
USDJPYmicro	11-09-18	13:30-13:32	111.428	1758.860259								
USDJPYmicro	11-09-18	15:30-15:32	111.51167	16841.08698								
USDJPYmicro	12-09-18	09:30-09:32	111.4694	501.2751737								
USDJPYmicro	12-09-18	11:30-11:32	111.5143	62281.24176								
USDJPYmicro	12-09-18	13:30-13:32	111.3145	15196.55263								
USDJPYmicro	12-09-18	15:30-15:32	111.42133	2444.815759								
USDJPYmicro	13-09-18	09:30-09:32	111.4655	7070.618239								
USDJPYmicro	13-09-18	11:30-11:32	111.5465	237.4461349								
USDJPYmicro	13-09-18	13:30-13:32	111.45577	7659.836426								
USDJPYmicro	13-09-18	15:30-15:32	111.9222	152642.6875								
USDJPYmicro	14-09-18	09:30-09:32	111.76564	27798.78639								
USDJPYmicro	14-09-18	11:30-11:32	111.87464	6050.479289								
USDJPYmicro	14-09-18	13:30-13:32	111.96376	1890.774778								

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USDJPYmicro	14-09-18	15:30-15:32	112.13967	984.9617448								
USDJPYmicro	17-09-18	09:30-09:32	111.942	43.97150646								
USDJPYmicro	17-09-18	11:30-11:32	112.07317	3825.521062								
USDJPYmicro	17-09-18	13:30-13:32	112.044	114.3259168								
USDJPYmicro	17-09-18	15:30-15:32	112.003	193.4746284								
USDJPYmicro	18-09-18	09:30-09:32	111.91	1890.774778								
USDJPYmicro	18-09-18	11:30-11:32	112.06988	7070.618239								
USDJPYmicro	18-09-18	13:30-13:32	112.1888	19743.2064								
USDJPYmicro	18-09-18	15:30-15:32	112.33838	6903.526515								
USDJPYmicro	19-09-18	09:30-09:32	112.31933	1407.088207								
USDJPYmicro	19-09-18	11:30-11:32	112.341	2198.575323								
USDJPYmicro	19-09-18	13:30-13:32	112.25771	92428.10659								
USDJPYmicro	19-09-18	15:30-15:32	112.23764	51420.27966								
USDJPYmicro	20-09-18	09:32-11:30			112.243	20-09-18 09:32	96.73731422	Other	NA	Electronic	112.243	112.257
USDJPYmicro	20-09-18	11:30-11:32	112.26044	22038.51904								

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USDJPYmicro	20-09-18	13:30-13:32	112.1825	1679.711547								
USDJPYmicro	20-09-18	15:30-15:32	112.51611	2304.106939								
USDJPYmicro	21-09-18	09:30-09:32	112.71936	1345.528098								
USDJPYmicro	21-09-18	11:30-11:32	112.69944	70899.65702								
USDJPYmicro	21-09-18	13:30-13:32	112.715	1811.626066								
USDJPYmicro	21-09-18	15:30-15:32	112.59075	351.7720517								
USDJPYmicro	24-09-18	09:32-11:30			112.655	24-09-18 09:32	87.94301293	Other	NA	Electronic	112.655	112.669
USDJPYmicro	24-09-18	11:30-11:32	112.608	31228.56389								
USDJPYmicro	24-09-18	13:30-13:32	112.56385	28361.62167								
USDJPYmicro	24-09-18	15:30-15:32	112.60863	835.4586228								
USDJPYmicro	25-09-18	09:30-09:32	112.842	70.35441034								
USDJPYmicro	25-09-18	11:30-11:32	112.7935	13121.09753								
USDJPYmicro	25-09-18	13:30-13:32	112.838	554.0409814								
USDJPYmicro	25-09-18	15:30-15:32	112.87833	149.503122								
USDJPYmicro	26-09-18	09:30-09:32	112.885	114.3259168								



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USDJPYmicro	26-09-18	11:30-11:32	112.93617	510.069475								
USDJPYmicro	26-09-18	13:30-13:32	113.03843	29223.4632								
USDJPYmicro	26-09-18	15:30-15:32	112.996	35.17720517								
USDJPYmicro	27-09-18	09:30-09:32	112.77373	12751.73687								
USDJPYmicro	27-09-18	11:30-11:32	112.81543	984.9617448								
USDJPYmicro	27-09-18	13:30-13:32	113.04779	3992.612787								
USDJPYmicro	27-09-18	15:30-15:32	113.2736	1609.357137								
USDJPYmicro	28-09-18	09:30-09:32	113.488	3280.274382								
USDJPYmicro	28-09-18	11:32-13:30			113.411	28-09-18 11:33	43.97150646	Other	NA	Electronic	113.397	113.411
USDJPYmicro	28-09-18	13:30-13:32	113.439	1099.287662								
USDJPYmicro	28-09-18	15:30-15:32	113.48538	27473.39724								
USDJPYmini	10-07-18	09:32-11:30			111.258	10-07-18 09:58	351.7720517	Other	NA	Electronic	111.257	111.272
USDJPYmini	11-07-18	15:32-17:30			111.638	11-07-18 16:29	351.7720517	Other	NA	Electronic	111.638	111.654
USDJPYmini	12-07-18	09:32-11:30			112.488	12-07-18 10:27	5452.466802	Other	NA	Electronic	112.489	112.505
USDJPYmini	19-07-18	11:32-13:30			113.139	19-07-18 12:31	10113.44649	Other	NA	Electronic	113.139	113.155

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USDJPYmini	19-07-18	15:32-17:30			112.405	19-07-18 17:07	351.7720517	Other	NA	Electronic	112.377	112.397
USDJPYmini	20-07-18	11:32-13:30			111.818	20-07-18 12:55	2990.06244	Other	NA	Electronic	111.801	111.818
USDJPYmini	20-07-18	13:32-15:30			111.737	20-07-18 13:38	351.7720517	Other	NA	Electronic	111.719	111.736
USDJPYmini	25-07-18	11:32-13:30			111.057	25-07-18 12:56	1758.860259	Other	NA	Electronic	111.057	111.073
USDJPYmini	16-08-18	11:32-13:30			110.639	16-08-18 13:00	351.7720517	Other	NA	Electronic	110.639	110.655
USDJPYmini	23-08-18	13:32-15:30			111.11	23-08-18 14:05	879.4301293	Other	NA	Electronic	111.11	111.126
USDJPYmini	13-09-18	13:32-15:30			111.793	13-09-18 14:11	351.7720517	Other	NA	Electronic	111.793	111.808
USDJPYmini	13-09-18	15:32-17:30			111.94	13-09-18 15:35	351.7720517	Other	NA	Electronic	111.94	111.955
USDJPYmini	27-09-18	13:32-15:30			113.234	27-09-18 14:56	879.4301293	Other	NA	Electronic	113.234	113.248
USDMXN	02-07-18	09:30-09:32	19.9785	4397.150646								
USDMXN	02-07-18	11:32-13:30			20.06754	02-07-18 11:57	4397.150646	Other	NA	Electronic	20.06733	20.07882
USDMXN	02-07-18	13:30-13:32	20.16011	11432.59168								
USDMXN	02-07-18	15:30-15:32	20.1933	8794.301293								
USDMXN	03-07-18	09:30-09:32	19.73499	17588.60259								
USDMXN	03-07-18	11:32-13:30			19.6541	03-07-18 11:45	879.4301293	Other	NA	Electronic	19.64121	19.6541

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USDMXN	03-07-18	13:30-13:32	19.62319	4397.150646								
USDMXN	03-07-18	15:30-15:32	19.52628	366722.3639								
USDMXN	04-07-18	09:32-11:30			19.4711	04-07-18 09:36	879.4301293	Other	NA	Electronic	19.46048	19.4711
USDMXN	04-07-18	11:30-11:32	19.53105	2638.290388								
USDMXN	04-07-18	13:32-15:30			19.4504	04-07-18 13:35	4397.150646	Other	NA	Electronic	19.4504	19.4624
USDMXN	04-07-18	15:32-17:30			19.45153	04-07-18 16:02	879.4301293	Other	NA	Electronic	19.4369	19.45153
USDMXN	05-07-18	09:32-11:30			19.4433	05-07-18 09:57	2638.290388	Other	NA	Electronic	19.43107	19.4433
USDMXN	05-07-18	11:30-11:32	19.2971	8794.301293								
USDMXN	05-07-18	13:30-13:32	19.34694	6156.010905								
USDMXN	05-07-18	15:32-17:30			19.2533	05-07-18 15:35	879.4301293	Other	NA	Electronic	19.2533	19.2645
USDMXN	06-07-18	09:32-11:30			19.23741	06-07-18 09:46	879.4301293	Other	NA	Electronic	19.23741	19.2508
USDMXN	06-07-18	11:30-11:32	19.2386	879.4301293								
USDMXN	06-07-18	13:30-13:32	19.0966	879.4301293								
USDMXN	06-07-18	15:30-15:32	19.0678	263829.0388								
USDMXN	09-07-18	09:30-09:32	18.98831	176765.456								

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Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	09-07-18	11:32-13:30			19.0379	09-07-18 11:32	879.4301293	Other	NA	Electronic	19.0379	19.04877
USDMXN	09-07-18	13:30-13:32	19.10518	8794.301293								
USDMXN	09-07-18	15:32-17:30			19.14205	09-07-18 15:52	879.4301293	Other	NA	Electronic	19.14205	19.15364
USDMXN	10-07-18	09:32-11:30			19.2262	10-07-18 09:33	1758.860259	Other	NA	Electronic	19.2152	19.2262
USDMXN	10-07-18	11:30-11:32	19.17831	5276.580776								
USDMXN	10-07-18	13:30-13:32	19.07136	879.4301293								
USDMXN	10-07-18	15:30-15:32	19.0175	7035.441034								
USDMXN	11-07-18	09:32-11:30			19.095	11-07-18 09:33	1758.860259	Other	NA	Electronic	19.08218	19.095
USDMXN	11-07-18	11:32-13:30			19.0011	11-07-18 11:40	220736.9624	Other	NA	Electronic	19.0011	19.01299
USDMXN	11-07-18	13:30-13:32	18.93281	309559.4055								
USDMXN	11-07-18	15:30-15:32	18.9972	879.4301293								
USDMXN	12-07-18	09:32-11:30			19.01546	12-07-18 09:47	176765.456	Other	NA	Electronic	19.0008	19.0159
USDMXN	12-07-18	11:32-13:30			18.97183	12-07-18 11:40	879.4301293	Other	NA	Electronic	18.9614	18.97183
USDMXN	12-07-18	13:32-15:30			18.86192	12-07-18 13:38	879.4301293	Other	NA	Electronic	18.85111	18.86168
USDMXN	12-07-18	15:32-17:30			18.76784	12-07-18 15:40	879.4301293	Other	NA	Electronic	18.76784	18.7788

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	13-07-18	09:32-11:30			19.02969	13-07-18 09:34	2638.290388	Other	NA	Electronic	19.02969	19.0432
USDMXN	13-07-18	11:32-13:30			19.0849	13-07-18 11:52	12312.02181	Other	NA	Electronic	19.0849	19.0976
USDMXN	13-07-18	13:30-13:32	18.964	4397.150646								
USDMXN	13-07-18	15:30-15:32	18.86757	1758.860259								
USDMXN	16-07-18	09:32-11:30			18.8219	16-07-18 09:32	3517.720517	Other	NA	Electronic	18.8087	18.8219
USDMXN	16-07-18	11:30-11:32	18.78181	63318.96931								
USDMXN	16-07-18	13:32-15:30			18.81282	16-07-18 13:42	3517.720517	Other	NA	Electronic	18.80133	18.81282
USDMXN	16-07-18	15:32-17:30			18.8676	16-07-18 15:39	879.4301293	Other	NA	Electronic	18.85666	18.8676
USDMXN	17-07-18	09:32-11:30			18.93914	17-07-18 09:46	879.4301293	Other	NA	Electronic	18.92653	18.93868
USDMXN	17-07-18	11:32-13:30			18.9461	17-07-18 11:46	5276.580776	Other	NA	Electronic	18.9461	18.95708
USDMXN	17-07-18	13:30-13:32	18.8941	8794.301293								
USDMXN	17-07-18	15:32-17:30			18.83222	17-07-18 15:32	879.4301293	Other	NA	Electronic	18.82102	18.83222
USDMXN	18-07-18	09:30-09:32	18.9428	879.4301293								
USDMXN	18-07-18	11:32-13:30			18.98384	18-07-18 11:41	879.4301293	Other	NA	Electronic	18.98384	18.9948
USDMXN	18-07-18	13:32-15:30			19.0146	18-07-18 13:46	879.4301293	Other	NA	Electronic	19.00312	19.0146

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	18-07-18	15:32-17:30			18.9597	18-07-18 15:35	1758.860259	Other	NA	Electronic	18.9597	18.97058
USDMXN	19-07-18	09:30-09:32	19.037	4397.150646								
USDMXN	19-07-18	11:32-13:30			19.04854	19-07-18 11:39	43971.50646	Other	NA	Electronic	19.04854	19.05995
USDMXN	19-07-18	13:30-13:32	19.10639	2638.290388								
USDMXN	19-07-18	15:32-17:30			19.085	19-07-18 15:34	879.4301293	Other	NA	Electronic	19.07438	19.085
USDMXN	20-07-18	09:32-11:30			19.0314	20-07-18 09:33	43971.50646	Other	NA	Electronic	19.0307	19.0433
USDMXN	20-07-18	11:32-13:30			19.0633	20-07-18 11:34	879.4301293	Other	NA	Electronic	19.05346	19.0633
USDMXN	20-07-18	13:32-15:30			18.92342	20-07-18 13:44	39574.35582	Other	NA	Electronic	18.92342	18.9341
USDMXN	20-07-18	15:32-17:30			19.07649	20-07-18 15:33	879.4301293	Other	NA	Electronic	19.0658	19.07649
USDMXN	23-07-18	09:32-11:30			19.12505	23-07-18 09:35	3517.720517	Other	NA	Electronic	19.12505	19.1379
USDMXN	23-07-18	11:32-13:30			19.08759	23-07-18 11:45	35177.20517	Other	NA	Electronic	19.08759	19.09905
USDMXN	23-07-18	13:32-15:30			19.12509	23-07-18 13:33	3517.720517	Other	NA	Electronic	19.12509	19.1355
USDMXN	23-07-18	15:32-17:30			19.07215	23-07-18 16:11	11432.59168	Other	NA	Electronic	19.07215	19.0832
USDMXN	24-07-18	09:32-11:30			18.87029	24-07-18 09:36	14950.3122	Other	NA	Electronic	18.87029	18.88225
USDMXN	24-07-18	11:30-11:32	18.82911	8794.301293								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	24-07-18	13:32-15:30			18.87982	24-07-18 13:35	879.4301293	Other	NA	Electronic	18.8684	18.87982
USDMXN	24-07-18	15:32-17:30			18.82389	24-07-18 16:10	879.4301293	Other	NA	Electronic	18.82389	18.8351
USDMXN	25-07-18	09:32-11:30			18.8121	25-07-18 09:35	3517.720517	Other	NA	Electronic	18.80057	18.8121
USDMXN	25-07-18	11:32-13:30			18.83582	25-07-18 11:32	1758.860259	Other	NA	Electronic	18.82492	18.83582
USDMXN	25-07-18	13:32-15:30			18.73835	25-07-18 13:37	879.4301293	Other	NA	Electronic	18.7272	18.73835
USDMXN	25-07-18	15:30-15:32	18.8102	17588.60259								
USDMXN	26-07-18	09:32-11:30			18.72924	26-07-18 09:32	4397.150646	Other	NA	Electronic	18.7167	18.72924
USDMXN	26-07-18	11:32-13:30			18.70657	26-07-18 11:36	8794.301293	Other	NA	Electronic	18.70657	18.7171
USDMXN	26-07-18	13:32-15:30			18.6926	26-07-18 13:36	8794.301293	Other	NA	Electronic	18.6926	18.70299
USDMXN	26-07-18	15:32-17:30			18.6151	26-07-18 15:34	879.4301293	Other	NA	Electronic	18.6151	18.62572
USDMXN	27-07-18	09:32-11:30			18.64408	27-07-18 09:35	879.4301293	Other	NA	Electronic	18.6312	18.6438
USDMXN	27-07-18	11:32-13:30			18.642	27-07-18 11:34	4397.150646	Other	NA	Electronic	18.6309	18.642
USDMXN	27-07-18	13:30-13:32	18.60024	17588.60259								
USDMXN	27-07-18	15:32-17:30			18.55895	27-07-18 15:36	879.4301293	Other	NA	Electronic	18.55895	18.5695
USDMXN	30-07-18	09:32-11:30			18.62548	30-07-18 10:27	879.4301293	Other	NA	Electronic	18.6145	18.62548

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	30-07-18	11:30-11:32	18.58656	8794.301293								
USDMXN	30-07-18	13:32-15:30			18.54588	30-07-18 13:51	3517.720517	Other	NA	Electronic	18.5352	18.54562
USDMXN	30-07-18	15:32-17:30			18.54573	30-07-18 15:36	4397.150646	Other	NA	Electronic	18.53522	18.54573
USDMXN	31-07-18	09:32-11:30			18.5433	31-07-18 09:38	1758.860259	Other	NA	Electronic	18.53047	18.5433
USDMXN	31-07-18	11:32-13:30			18.5358	31-07-18 11:45	1758.860259	Other	NA	Electronic	18.5259	18.5358
USDMXN	31-07-18	13:30-13:32	18.62572	72992.70073								
USDMXN	31-07-18	15:30-15:32	18.63905	2638.290388								
USDMXN	01-08-18	09:32-11:30			18.68539	01-08-18 09:47	17588.60259	Other	NA	Electronic	18.67352	18.68537
USDMXN	01-08-18	11:32-13:30			18.63759	01-08-18 11:43	2638.290388	Other	NA	Electronic	18.63759	18.64813
USDMXN	01-08-18	13:32-15:30			18.58763	01-08-18 13:56	1758.860259	Other	NA	Electronic	18.57774	18.58763
USDMXN	01-08-18	15:32-17:30			18.60887	01-08-18 16:31	879.4301293	Other	NA	Electronic	18.60887	18.61941
USDMXN	02-08-18	09:32-11:30			18.72086	02-08-18 10:17	879.4301293	Other	NA	Electronic	18.72086	18.7334
USDMXN	02-08-18	11:32-13:30			18.69892	02-08-18 11:44	879.4301293	Other	NA	Electronic	18.69892	18.70997
USDMXN	02-08-18	13:32-15:30			18.66491	02-08-18 14:03	879.4301293	Other	NA	Electronic	18.65477	18.66491
USDMXN	02-08-18	15:32-17:30			18.637	02-08-18 15:40	879.4301293	Other	NA	Electronic	18.62715	18.637



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	03-08-18	09:32-11:30			18.6739	03-08-18 09:46	879.4301293	Other	NA	Electronic	18.6739	18.68676
USDMXN	03-08-18	11:32-13:30			18.65524	03-08-18 11:35	26382.90388	Other	NA	Electronic	18.65524	18.6681
USDMXN	03-08-18	13:32-15:30			18.66652	03-08-18 13:45	4397.150646	Other	NA	Electronic	18.66652	18.67821
USDMXN	03-08-18	15:32-17:30			18.56673	03-08-18 15:33	43971.50646	Other	NA	Electronic	18.51141	18.52279
USDMXN	06-08-18	09:32-11:30			18.5569	06-08-18 09:42	879.4301293	Other	NA	Electronic	18.5569	18.56943
USDMXN	06-08-18	11:32-13:30			18.58981	06-08-18 12:32	1758.860259	Other	NA	Electronic	18.58981	18.60039
USDMXN	06-08-18	13:32-15:30			18.57855	06-08-18 13:41	2638.290388	Other	NA	Electronic	18.57855	18.58936
USDMXN	06-08-18	15:32-17:30			18.47941	06-08-18 17:02	8794.301293	Other	NA	Electronic	18.47899	18.48903
USDMXN	07-08-18	09:30-09:32	18.48937	2638.290388								
USDMXN	07-08-18	11:32-13:30			18.4596	07-08-18 11:46	2638.290388	Other	NA	Electronic	18.44831	18.4596
USDMXN	07-08-18	13:32-15:30			18.47615	07-08-18 13:34	879.4301293	Other	NA	Electronic	18.46526	18.47615
USDMXN	07-08-18	15:32-17:30			18.4741	07-08-18 16:09	7914.871163	Other	NA	Electronic	18.4639	18.4741
USDMXN	08-08-18	09:32-11:30			18.47916	08-08-18 10:17	1758.860259	Other	NA	Electronic	18.47916	18.4915
USDMXN	08-08-18	11:32-13:30			18.51082	08-08-18 11:40	6156.010905	Other	NA	Electronic	18.49918	18.51082
USDMXN	08-08-18	13:32-15:30			18.4634	08-08-18 14:01	879.4301293	Other	NA	Electronic	18.4634	18.47329

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	08-08-18	15:32-17:30			18.46787	08-08-18 15:44	1758.860259	Other	NA	Electronic	18.46787	18.48042
USDMXN	09-08-18	09:32-11:30			18.51141	09-08-18 10:14	879.4301293	Other	NA	Electronic	18.51141	18.52279
USDMXN	09-08-18	11:32-13:30			18.5473	09-08-18 11:33	43971.50646	Other	NA	Electronic	18.5473	18.55799
USDMXN	09-08-18	13:30-13:32	18.609	17588.60259								
USDMXN	09-08-18	15:32-17:30			18.68664	09-08-18 15:38	879.4301293	Other	NA	Electronic	18.68664	18.69728
USDMXN	10-08-18	09:32-11:30			18.83982	10-08-18 09:35	4397.150646	Other	NA	Electronic	18.83982	18.85409
USDMXN	10-08-18	11:32-13:30			18.8618	10-08-18 12:35	4397.150646	Other	NA	Electronic	18.8618	18.8741
USDMXN	10-08-18	13:32-15:30			18.88091	10-08-18 14:51	17588.60259	Other	NA	Electronic	18.88091	18.89246
USDMXN	13-08-18	09:32-11:30			19.1968	13-08-18 09:35	879.4301293	Other	NA	Electronic	19.1968	19.2138
USDMXN	13-08-18	11:32-13:30			19.21338	13-08-18 11:43	4397.150646	Other	NA	Electronic	19.21338	19.22533
USDMXN	13-08-18	13:32-15:30			19.11309	13-08-18 13:36	21985.75323	Other	NA	Electronic	19.1018	19.11309
USDMXN	13-08-18	15:32-17:30			19.21757	13-08-18 15:35	13191.45194	Other	NA	Electronic	19.206	19.21757
USDMXN	14-08-18	09:32-11:30			18.96591	14-08-18 09:33	879.4301293	Other	NA	Electronic	18.9523	18.96591
USDMXN	14-08-18	11:32-13:30			18.969	14-08-18 11:48	879.4301293	Other	NA	Electronic	18.95859	18.969
USDMXN	14-08-18	13:32-15:30			18.99944	14-08-18 13:56	2638.290388	Other	NA	Electronic	18.9892	18.99944

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	15-08-18	09:32-11:30			18.95643	15-08-18 09:45	879.4301293	Other	NA	Electronic	18.95643	18.9712
USDMXN	15-08-18	11:32-13:30			19.13459	15-08-18 11:43	7914.871163	Other	NA	Electronic	19.12342	19.13459
USDMXN	15-08-18	13:32-15:30			19.20857	15-08-18 13:58	1758.860259	Other	NA	Electronic	19.20857	19.21917
USDMXN	15-08-18	15:32-17:30			19.18553	15-08-18 16:18	2638.290388	Other	NA	Electronic	19.18553	19.1962
USDMXN	16-08-18	09:32-11:30			19.05858	16-08-18 09:59	2638.290388	Other	NA	Electronic	19.05858	19.07378
USDMXN	16-08-18	11:32-13:30			19.10544	16-08-18 12:08	2638.290388	Other	NA	Electronic	19.09342	19.10544
USDMXN	16-08-18	13:32-15:30			18.95765	16-08-18 13:33	2638.290388	Other	NA	Electronic	18.95765	18.96842
USDMXN	16-08-18	15:32-17:30			19.05939	16-08-18 15:40	3517.720517	Other	NA	Electronic	19.0479	19.05939
USDMXN	17-08-18	09:32-11:30			19.11284	17-08-18 09:33	2638.290388	Other	NA	Electronic	19.09931	19.11284
USDMXN	17-08-18	11:32-13:30			19.08464	17-08-18 11:47	5276.580776	Other	NA	Electronic	19.0717	19.08464
USDMXN	17-08-18	13:32-15:30			19.05491	17-08-18 14:41	879.4301293	Other	NA	Electronic	19.05491	19.06643
USDMXN	17-08-18	15:32-17:30			19.05145	17-08-18 15:55	3517.720517	Other	NA	Electronic	19.05145	19.06204
USDMXN	20-08-18	09:32-11:30			18.94848	20-08-18 10:30	2638.290388	Other	NA	Electronic	18.9349	18.94848
USDMXN	20-08-18	11:32-13:30			18.97231	20-08-18 12:26	2638.290388	Other	NA	Electronic	18.96041	18.97231
USDMXN	20-08-18	13:32-15:30			18.9924	20-08-18 13:38	5276.580776	Other	NA	Electronic	18.9924	19.00258

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	20-08-18	15:32-17:30			19.0241	20-08-18 15:44	4397.150646	Other	NA	Electronic	19.01402	19.0241
USDMXN	21-08-18	09:32-11:30			18.89441	21-08-18 10:36	879.4301293	Other	NA	Electronic	18.89441	18.90707
USDMXN	21-08-18	11:32-13:30			18.92908	21-08-18 12:08	2638.290388	Other	NA	Electronic	18.92908	18.9406
USDMXN	21-08-18	13:32-15:30			18.92392	21-08-18 13:51	6156.010905	Other	NA	Electronic	18.91229	18.92392
USDMXN	21-08-18	15:32-17:30			18.87604	21-08-18 16:49	2638.290388	Other	NA	Electronic	18.86542	18.87604
USDMXN	22-08-18	09:32-11:30			18.9084	22-08-18 09:53	3517.720517	Other	NA	Electronic	18.89477	18.9084
USDMXN	22-08-18	11:32-13:30			18.83169	22-08-18 11:59	43971.50646	Other	NA	Electronic	18.83169	18.84232
USDMXN	22-08-18	13:32-15:30			18.82995	22-08-18 13:41	879.4301293	Other	NA	Electronic	18.81653	18.82995
USDMXN	22-08-18	15:30-15:32	18.85267	879.4301293								
USDMXN	23-08-18	09:32-11:30			18.7494	23-08-18 10:54	1758.860259	Other	NA	Electronic	18.73726	18.7494
USDMXN	23-08-18	11:32-13:30			18.8197	23-08-18 12:06	879.4301293	Other	NA	Electronic	18.80748	18.8181
USDMXN	23-08-18	13:32-15:30			18.8425	23-08-18 13:35	17588.60259	Other	NA	Electronic	18.83141	18.8425
USDMXN	23-08-18	15:32-17:30			18.88717	23-08-18 15:39	8794.301293	Other	NA	Electronic	18.88717	18.89805
USDMXN	24-08-18	09:32-11:30			18.9289	24-08-18 10:08	879.4301293	Other	NA	Electronic	18.9289	18.94144
USDMXN	24-08-18	11:32-13:30			18.93118	24-08-18 12:06	2638.290388	Other	NA	Electronic	18.91891	18.93118

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	24-08-18	13:30-13:32	18.84044	879.4301293								
USDMXN	27-08-18	09:32-11:30			18.82019	27-08-18 11:03	879.4301293	Other	NA	Electronic	18.82019	18.83204
USDMXN	27-08-18	11:32-13:30			18.76175	27-08-18 12:03	879.4301293	Other	NA	Electronic	18.76175	18.77289
USDMXN	27-08-18	13:32-15:30			18.67461	27-08-18 13:32	4397.150646	Other	NA	Electronic	18.67428	18.6851
USDMXN	27-08-18	15:32-17:30			18.6308	27-08-18 15:34	1758.860259	Other	NA	Electronic	18.6308	18.6431
USDMXN	28-08-18	09:32-11:30			18.7664	28-08-18 09:38	879.4301293	Other	NA	Electronic	18.75368	18.7664
USDMXN	28-08-18	11:32-13:30			18.7777	28-08-18 11:32	8794.301293	Other	NA	Electronic	18.7777	18.78787
USDMXN	28-08-18	13:32-15:30			18.79968	28-08-18 13:36	879.4301293	Other	NA	Electronic	18.78917	18.79987
USDMXN	28-08-18	15:32-17:30			18.91866	28-08-18 15:35	8794.301293	Other	NA	Electronic	18.90779	18.91866
USDMXN	29-08-18	09:32-11:30			19.04761	29-08-18 09:49	7914.871163	Other	NA	Electronic	19.04761	19.05909
USDMXN	29-08-18	11:32-13:30			19.0827	29-08-18 11:33	7914.871163	Other	NA	Electronic	19.0827	19.0936
USDMXN	29-08-18	13:32-15:30			19.15316	29-08-18 13:40	5276.580776	Other	NA	Electronic	19.14326	19.15316
USDMXN	29-08-18	15:32-17:30			19.0709	29-08-18 15:32	1758.860259	Other	NA	Electronic	19.0709	19.08079
USDMXN	30-08-18	09:32-11:30			19.01998	30-08-18 09:46	879.4301293	Other	NA	Electronic	19.01998	19.03359
USDMXN	30-08-18	11:32-13:30			19.05171	30-08-18 11:45	8794.301293	Other	NA	Electronic	19.05171	19.06431

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	30-08-18	13:32-15:30			19.12899	30-08-18 13:34	879.4301293	Other	NA	Electronic	19.12899	19.14086
USDMXN	30-08-18	15:32-17:30			19.13681	30-08-18 15:34	4397.150646	Other	NA	Electronic	19.13681	19.14772
USDMXN	31-08-18	09:32-11:30			19.1607	31-08-18 11:17	879.4301293	Other	NA	Electronic	19.1607	19.17216
USDMXN	31-08-18	11:32-13:30			19.14891	31-08-18 12:24	879.4301293	Other	NA	Electronic	19.14891	19.15845
USDMXN	31-08-18	13:32-15:30			19.1138	31-08-18 14:59	17588.60259	Other	NA	Electronic	19.1138	19.12588
USDMXN	31-08-18	15:32-17:30			19.20159	31-08-18 15:35	48368.65711	Other	NA	Electronic	19.19012	19.20159
USDMXN	03-09-18	09:32-11:30			19.19164	03-09-18 09:46	48368.65711	Other	NA	Electronic	19.17811	19.19164
USDMXN	03-09-18	11:32-13:30			19.20757	03-09-18 12:32	1758.860259	Other	NA	Electronic	19.20757	19.21858
USDMXN	03-09-18	13:32-15:30			19.22638	03-09-18 13:53	8794.301293	Other	NA	Electronic	19.22638	19.23808
USDMXN	03-09-18	15:32-17:30			19.21756	03-09-18 16:46	879.4301293	Other	NA	Electronic	19.21756	19.22953
USDMXN	04-09-18	09:32-11:30			19.35488	04-09-18 09:34	879.4301293	Other	NA	Electronic	19.35488	19.36825
USDMXN	04-09-18	11:32-13:30			19.41131	04-09-18 11:35	8794.301293	Other	NA	Electronic	19.41131	19.42181
USDMXN	04-09-18	13:32-15:30			19.37957	04-09-18 13:34	17588.60259	Other	NA	Electronic	19.37957	19.39045
USDMXN	04-09-18	15:32-17:30			19.35679	04-09-18 16:20	879.4301293	Other	NA	Electronic	19.3459	19.35679
USDMXN	05-09-18	09:30-09:32	19.61342	17588.60259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	05-09-18	11:32-13:30			19.56388	05-09-18 11:38	1758.860259	Other	NA	Electronic	19.56388	19.57435
USDMXN	05-09-18	13:32-15:30			19.46868	05-09-18 13:55	87943.01293	Other	NA	Electronic	19.46868	19.48154
USDMXN	05-09-18	15:32-17:30			19.43198	05-09-18 15:56	17588.60259	Other	NA	Electronic	19.42093	19.43198
USDMXN	06-09-18	09:32-11:30			19.28712	06-09-18 09:42	4397.150646	Other	NA	Electronic	19.27342	19.28712
USDMXN	06-09-18	11:30-11:32	19.25236	26382.90388								
USDMXN	06-09-18	13:30-13:32	19.31426	43971.50646								
USDMXN	06-09-18	15:32-17:30			19.37583	06-09-18 15:48	8794.301293	Other	NA	Electronic	19.37583	19.38645
USDMXN	07-09-18	09:32-11:30			19.13697	07-09-18 09:34	1758.860259	Other	NA	Electronic	19.12241	19.13697
USDMXN	07-09-18	11:32-13:30			19.23639	07-09-18 12:30	879.4301293	Other	NA	Electronic	19.2211	19.23549
USDMXN	07-09-18	13:32-15:30			19.20709	07-09-18 13:37	879.4301293	Other	NA	Electronic	19.19567	19.20709
USDMXN	07-09-18	15:32-17:30			19.3005	07-09-18 16:10	1758.860259	Other	NA	Electronic	19.2869	19.3
USDMXN	10-09-18	11:32-13:30			19.30149	10-09-18 11:48	4397.150646	Other	NA	Electronic	19.29155	19.30149
USDMXN	10-09-18	13:32-15:30			19.30349	10-09-18 13:36	1758.860259	Other	NA	Electronic	19.29092	19.30349
USDMXN	10-09-18	15:32-17:30			19.34158	10-09-18 16:28	879.4301293	Other	NA	Electronic	19.34158	19.35182
USDMXN	11-09-18	09:30-09:32	19.27193	9673.731422								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	11-09-18	11:32-13:30			19.31974	11-09-18 12:04	6156.010905	Other	NA	Electronic	19.31974	19.3286
USDMXN	11-09-18	13:32-15:30			19.29501	11-09-18 14:20	879.4301293	Other	NA	Electronic	19.29501	19.30682
USDMXN	11-09-18	15:32-17:30			19.23997	11-09-18 15:40	6156.010905	Other	NA	Electronic	19.229	19.23997
USDMXN	12-09-18	09:32-11:30			19.13673	12-09-18 09:50	879.4301293	Other	NA	Electronic	19.12319	19.13673
USDMXN	12-09-18	11:32-13:30			19.16812	12-09-18 12:23	879.4301293	Other	NA	Electronic	19.16812	19.17966
USDMXN	12-09-18	13:32-15:30			19.11534	12-09-18 13:52	879.4301293	Other	NA	Electronic	19.10472	19.11534
USDMXN	12-09-18	15:32-17:30			19.03708	12-09-18 15:41	879.4301293	Other	NA	Electronic	19.03708	19.04803
USDMXN	13-09-18	09:32-11:30			18.95351	13-09-18 11:05	879.4301293	Other	NA	Electronic	18.95351	18.9641
USDMXN	13-09-18	11:32-13:30			18.95446	13-09-18 11:32	4397.150646	Other	NA	Electronic	18.94066	18.95446
USDMXN	13-09-18	13:32-15:30			18.8685	13-09-18 13:50	3517.720517	Other	NA	Electronic	18.8685	18.87914
USDMXN	13-09-18	15:32-17:30			18.85434	13-09-18 16:25	7914.871163	Other	NA	Electronic	18.85434	18.86472
USDMXN	14-09-18	09:32-11:30			18.86	14-09-18 09:44	879.4301293	Other	NA	Electronic	18.84691	18.86
USDMXN	14-09-18	11:32-13:30			18.80257	14-09-18 11:50	879.4301293	Other	NA	Electronic	18.80257	18.81407
USDMXN	14-09-18	13:32-15:30			18.82853	14-09-18 13:40	6156.010905	Other	NA	Electronic	18.81791	18.82853
USDMXN	14-09-18	15:32-17:30			18.8651	14-09-18 15:45	43971.50646	Other	NA	Electronic	18.8651	18.87593



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	17-09-18	09:32-11:30			18.84828	17-09-18 09:36	879.4301293	Other	NA	Electronic	18.84801	18.86157
USDMXN	17-09-18	11:32-13:30			18.83906	17-09-18 11:53	879.4301293	Other	NA	Electronic	18.82837	18.83906
USDMXN	17-09-18	13:32-15:30			18.83385	17-09-18 13:49	1758.860259	Other	NA	Electronic	18.82323	18.83385
USDMXN	17-09-18	15:32-17:30			18.82231	17-09-18 16:26	879.4301293	Other	NA	Electronic	18.81141	18.82231
USDMXN	18-09-18	09:32-11:30			18.85689	18-09-18 11:17	879.4301293	Other	NA	Electronic	18.85689	18.86757
USDMXN	18-09-18	11:32-13:30			18.8523	18-09-18 11:56	879.4301293	Other	NA	Electronic	18.84101	18.8523
USDMXN	18-09-18	13:32-15:30			18.79654	18-09-18 14:01	879.4301293	Other	NA	Electronic	18.7854	18.79654
USDMXN	18-09-18	15:32-17:30			18.74224	18-09-18 15:53	3517.720517	Other	NA	Electronic	18.73178	18.74224
USDMXN	19-09-18	09:30-09:32	18.74871	879.4301293								
USDMXN	19-09-18	11:32-13:30			18.75774	19-09-18 11:34	879.4301293	Other	NA	Electronic	18.74629	18.75774
USDMXN	19-09-18	13:32-15:30			18.72551	19-09-18 13:45	879.4301293	Other	NA	Electronic	18.72551	18.73658
USDMXN	19-09-18	15:32-17:30			18.77121	19-09-18 15:41	879.4301293	Other	NA	Electronic	18.76046	18.77121
USDMXN	20-09-18	09:32-11:30			18.73209	20-09-18 09:33	879.4301293	Other	NA	Electronic	18.71892	18.73209
USDMXN	20-09-18	11:32-13:30			18.7293	20-09-18 12:03	13191.45194	Other	NA	Electronic	18.7293	18.7403
USDMXN	20-09-18	13:32-15:30			18.78712	20-09-18 13:41	1758.860259	Other	NA	Electronic	18.776	18.78712

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	20-09-18	15:32-17:30			18.86241	20-09-18 15:40	2638.290388	Other	NA	Electronic	18.85177	18.86241
USDMXN	21-09-18	09:32-11:30			18.86496	21-09-18 09:32	879.4301293	Other	NA	Electronic	18.85247	18.86496
USDMXN	21-09-18	11:32-13:30			18.89752	21-09-18 11:45	879.4301293	Other	NA	Electronic	18.89752	18.90983
USDMXN	21-09-18	13:32-15:30			18.9494	21-09-18 13:42	879.4301293	Other	NA	Electronic	18.93669	18.9494
USDMXN	21-09-18	15:32-17:30			18.8459	21-09-18 15:48	1758.860259	Other	NA	Electronic	18.8459	18.85621
USDMXN	24-09-18	09:32-11:30			18.85764	24-09-18 10:53	1758.860259	Other	NA	Electronic	18.85764	18.87029
USDMXN	24-09-18	11:32-13:30			18.86726	24-09-18 12:47	879.4301293	Other	NA	Electronic	18.86726	18.87787
USDMXN	24-09-18	13:32-15:30			18.82679	24-09-18 13:49	879.4301293	Other	NA	Electronic	18.8159	18.82679
USDMXN	24-09-18	15:32-17:30			18.86691	24-09-18 16:21	1758.860259	Other	NA	Electronic	18.86691	18.87719
USDMXN	25-09-18	09:32-11:30			18.94084	25-09-18 10:34	1758.860259	Other	NA	Electronic	18.94084	18.95357
USDMXN	25-09-18	11:32-13:30			18.98237	25-09-18 12:21	4397.150646	Other	NA	Electronic	18.98237	18.99309
USDMXN	25-09-18	13:30-13:32	19.02001	1758.860259								
USDMXN	25-09-18	15:32-17:30			18.98209	25-09-18 16:04	17588.60259	Other	NA	Electronic	18.98209	18.99359
USDMXN	26-09-18	09:32-11:30			18.97705	26-09-18 09:34	879.4301293	Other	NA	Electronic	18.96497	18.97705
USDMXN	26-09-18	11:32-13:30			19.02401	26-09-18 11:58	1758.860259	Other	NA	Electronic	19.01343	19.02401

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN	26-09-18	13:32-15:30			19.00765	26-09-18 13:40	2638.290388	Other	NA	Electronic	19.00765	19.01795
USDMXN	26-09-18	15:32-17:30			18.87396	26-09-18 15:35	1758.860259	Other	NA	Electronic	18.87396	18.8845
USDMXN	27-09-18	09:32-11:30			18.90954	27-09-18 11:06	2638.290388	Other	NA	Electronic	18.89866	18.90954
USDMXN	27-09-18	11:32-13:30			18.89359	27-09-18 11:57	2638.290388	Other	NA	Electronic	18.88392	18.89359
USDMXN	27-09-18	13:32-15:30			18.84549	27-09-18 13:44	879.4301293	Other	NA	Electronic	18.84549	18.85629
USDMXN	28-09-18	09:32-11:30			18.79855	28-09-18 09:39	879.4301293	Other	NA	Electronic	18.79855	18.81009
USDMXN	28-09-18	11:32-13:30			18.8059	28-09-18 12:23	4397.150646	Other	NA	Electronic	18.8059	18.81667
USDMXN	28-09-18	13:32-15:30			18.7386	28-09-18 13:45	879.4301293	Other	NA	Electronic	18.72799	18.7386
USDMXN	28-09-18	15:30-15:32	18.6995	879.4301293								
USDMXN.	02-07-18	11:32-13:30			20.15971	02-07-18 13:27	879.4301293	Other	NA	Electronic	20.15336	20.15975
USDMXN.	02-07-18	13:32-15:30			20.11544	02-07-18 13:42	879.4301293	Other	NA	Electronic	20.11544	20.12239
USDMXN.	02-07-18	15:32-17:30			20.143	02-07-18 16:26	879.4301293	Other	NA	Electronic	20.1382	20.143
USDMXN.	03-07-18	11:32-13:30			19.65154	03-07-18 12:07	30780.05452	Other	NA	Electronic	19.64674	19.65218
USDMXN.	03-07-18	13:32-15:30			19.67502	03-07-18 14:01	879.4301293	Other	NA	Electronic	19.66942	19.67502
USDMXN.	03-07-18	15:32-17:30			19.5617	03-07-18 16:10	26382.90388	Other	NA	Electronic	19.5617	19.5665

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	04-07-18	09:32-11:30			19.52378	04-07-18 11:20	879.4301293	Other	NA	Electronic	19.52378	19.52869
USDMXN.	04-07-18	11:32-13:30			19.44879	04-07-18 12:51	26382.90388	Other	NA	Electronic	19.44221	19.44879
USDMXN.	04-07-18	13:32-15:30			19.4776	04-07-18 13:40	26382.90388	Other	NA	Electronic	19.4776	19.4831
USDMXN.	05-07-18	09:32-11:30			19.41246	05-07-18 10:34	17588.60259	Other	NA	Electronic	19.08012	19.08504
USDMXN.	05-07-18	11:32-13:30			19.32329	05-07-18 11:38	87943.01293	Other	NA	Electronic	19.31778	19.32329
USDMXN.	05-07-18	13:30-13:32	19.33753	61560.10905								
USDMXN.	05-07-18	15:30-15:32	19.2436	879.4301293								
USDMXN.	06-07-18	09:32-11:30			19.2544	06-07-18 09:46	4397.150646	Other	NA	Electronic	19.24769	19.2544
USDMXN.	06-07-18	11:32-13:30			19.20903	06-07-18 11:52	1758.860259	Other	NA	Electronic	19.20903	19.2129
USDMXN.	06-07-18	13:32-15:30			19.05073	06-07-18 13:41	879.4301293	Other	NA	Electronic	19.0475	19.05
USDMXN.	06-07-18	15:30-15:32	19.0624	5276.580776								
USDMXN.	09-07-18	11:32-13:30			19.10384	09-07-18 13:03	17588.60259	Other	NA	Electronic	19.09856	19.10364
USDMXN.	09-07-18	13:32-15:30			19.15248	09-07-18 13:49	10553.16155	Other	NA	Electronic	19.1523	19.15754
USDMXN.	09-07-18	15:32-17:30			19.14051	09-07-18 15:45	8794.301293	Other	NA	Electronic	19.14051	19.14523
USDMXN.	10-07-18	09:32-11:30			19.194	10-07-18 11:25	879.4301293	Other	NA	Electronic	19.194	19.19921

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	10-07-18	11:32-13:30			19.12327	10-07-18 12:15	879.4301293	Other	NA	Electronic	19.11791	19.12327
USDMXN.	10-07-18	13:32-15:30			19.12742	10-07-18 13:38	879.4301293	Other	NA	Electronic	19.12254	19.12762
USDMXN.	10-07-18	15:30-15:32	19.0293	879.4301293								
USDMXN.	11-07-18	09:32-11:30			19.08701	11-07-18 09:38	4397.150646	Other	NA	Electronic	19.08701	19.09274
USDMXN.	11-07-18	11:32-13:30			19.01125	11-07-18 11:32	1758.860259	Other	NA	Electronic	19.01125	19.01653
USDMXN.	11-07-18	13:32-15:30			18.9328	11-07-18 13:32	879.4301293	Other	NA	Electronic	18.9285	18.93284
USDMXN.	11-07-18	15:32-17:30			19.0107	11-07-18 15:32	879.4301293	Other	NA	Electronic	19.0107	19.0161
USDMXN.	12-07-18	09:32-11:30			18.99329	12-07-18 09:52	879.4301293	Other	NA	Electronic	18.99329	19.0013
USDMXN.	12-07-18	11:32-13:30			18.8944	12-07-18 12:30	879.4301293	Other	NA	Electronic	18.8881	18.8945
USDMXN.	12-07-18	13:32-15:30			18.84227	12-07-18 13:53	879.4301293	Other	NA	Electronic	18.84227	18.84661
USDMXN.	12-07-18	15:32-17:30			18.779	12-07-18 15:37	879.4301293	Other	NA	Electronic	18.77353	18.779
USDMXN.	13-07-18	09:32-11:30			19.03588	13-07-18 09:46	879.4301293	Other	NA	Electronic	19.03588	19.0407
USDMXN.	13-07-18	11:32-13:30			18.95194	13-07-18 13:29	879.4301293	Other	NA	Electronic	18.9482	18.95287
USDMXN.	13-07-18	13:32-15:30			18.8795	13-07-18 15:07	1758.860259	Other	NA	Electronic	18.8795	18.8836
USDMXN.	13-07-18	15:32-17:30			18.8751	13-07-18 15:35	2638.290388	Other	NA	Electronic	18.8751	18.8802

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	16-07-18	11:32-13:30			18.78218	16-07-18 11:32	879.4301293	Other	NA	Electronic	18.7771	18.78171
USDMXN.	17-07-18	09:32-11:30			18.9412	17-07-18 10:04	1758.860259	Other	NA	Electronic	18.9348	18.941
USDMXN.	17-07-18	11:32-13:30			18.9301	17-07-18 11:37	1758.860259	Other	NA	Electronic	18.9301	18.9351
USDMXN.	17-07-18	13:32-15:30			18.8385	17-07-18 14:31	15829.74233	Other	NA	Electronic	18.8385	18.8429
USDMXN.	18-07-18	11:32-13:30			19.01355	18-07-18 11:56	1758.860259	Other	NA	Electronic	19.007	19.01355
USDMXN.	18-07-18	13:32-15:30			19.0088	18-07-18 13:58	43971.50646	Other	NA	Electronic	19.0088	19.0142
USDMXN.	18-07-18	15:32-17:30			18.93412	18-07-18 15:52	10553.16155	Other	NA	Electronic	18.9289	18.93412
USDMXN.	19-07-18	09:32-11:30			19.0446	19-07-18 09:41	1758.860259	Other	NA	Electronic	19.0446	19.051
USDMXN.	19-07-18	11:32-13:30			19.0454	19-07-18 12:02	6156.010905	Other	NA	Electronic	19.0454	19.05014
USDMXN.	19-07-18	13:32-15:30			19.1085	19-07-18 13:39	879.4301293	Other	NA	Electronic	19.10411	19.1085
USDMXN.	19-07-18	15:32-17:30			19.08088	19-07-18 16:17	1758.860259	Other	NA	Electronic	19.07655	19.08088
USDMXN.	20-07-18	11:32-13:30			19.00298	20-07-18 12:40	4397.150646	Other	NA	Electronic	18.99823	19.00298
USDMXN.	20-07-18	13:32-15:30			18.97327	20-07-18 13:57	1758.860259	Other	NA	Electronic	18.97327	18.97734
USDMXN.	20-07-18	15:32-17:30			19.13813	20-07-18 16:05	879.4301293	Other	NA	Electronic	19.13813	19.14158
USDMXN.	23-07-18	09:32-11:30			19.13528	23-07-18 09:32	43971.50646	Other	NA	Electronic	19.12973	19.13528

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	23-07-18	11:32-13:30			19.0864	23-07-18 12:07	879.4301293	Other	NA	Electronic	19.08101	19.0864
USDMXN.	23-07-18	13:32-15:30			19.16463	23-07-18 13:46	879.4301293	Other	NA	Electronic	19.16463	19.169
USDMXN.	23-07-18	15:32-17:30			18.9986	23-07-18 16:56	1758.860259	Other	NA	Electronic	18.9976	19.0019
USDMXN.	24-07-18	09:32-11:30			18.82576	24-07-18 10:04	8794.301293	Other	NA	Electronic	18.8202	18.82576
USDMXN.	24-07-18	11:32-13:30			18.8155	24-07-18 11:36	43971.50646	Other	NA	Electronic	18.81057	18.8155
USDMXN.	24-07-18	13:32-15:30			18.87762	24-07-18 13:34	4397.150646	Other	NA	Electronic	18.873	18.87762
USDMXN.	24-07-18	15:32-17:30			18.86625	24-07-18 16:47	4397.150646	Other	NA	Electronic	18.862	18.86625
USDMXN.	25-07-18	09:32-11:30			18.82461	25-07-18 10:27	21985.75323	Other	NA	Electronic	18.82461	18.831
USDMXN.	25-07-18	11:32-13:30			18.83302	25-07-18 11:35	17588.60259	Other	NA	Electronic	18.83302	18.83882
USDMXN.	25-07-18	13:32-15:30			18.746	25-07-18 13:58	87943.01293	Other	NA	Electronic	18.746	18.7508
USDMXN.	25-07-18	15:32-17:30			18.79789	25-07-18 15:46	87943.01293	Other	NA	Electronic	18.7929	18.79789
USDMXN.	26-07-18	11:32-13:30			18.6776	26-07-18 12:20	879.4301293	Other	NA	Electronic	18.67372	18.67779
USDMXN.	26-07-18	13:32-15:30			18.66937	26-07-18 13:37	879.4301293	Other	NA	Electronic	18.66552	18.66996
USDMXN.	26-07-18	15:32-17:30			18.60976	26-07-18 15:37	879.4301293	Other	NA	Electronic	18.60518	18.60975
USDMXN.	27-07-18	09:32-11:30			18.64021	27-07-18 09:37	87943.01293	Other	NA	Electronic	18.64021	18.6459

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	27-07-18	11:32-13:30			18.63113	27-07-18 12:04	158297.4233	Other	NA	Electronic	18.63113	18.63605
USDMXN.	27-07-18	13:30-13:32	18.5985	879.4301293								
USDMXN.	27-07-18	15:32-17:30			18.53638	27-07-18 16:29	879.4301293	Other	NA	Electronic	18.53204	18.53638
USDMXN.	30-07-18	09:32-11:30			18.60595	30-07-18 11:12	43971.50646	Other	NA	Electronic	18.602	18.60595
USDMXN.	30-07-18	11:32-13:30			18.57671	30-07-18 12:28	43971.50646	Other	NA	Electronic	18.57219	18.57671
USDMXN.	30-07-18	13:32-15:30			18.55052	30-07-18 13:33	879.4301293	Other	NA	Electronic	18.55052	18.55457
USDMXN.	30-07-18	15:32-17:30			18.53409	30-07-18 15:46	879.4301293	Other	NA	Electronic	18.53416	18.53854
USDMXN.	31-07-18	11:32-13:30			18.52819	31-07-18 12:08	879.4301293	Other	NA	Electronic	18.52385	18.52819
USDMXN.	31-07-18	13:30-13:32	18.62712	8794.301293								
USDMXN.	31-07-18	15:32-17:30			18.58794	31-07-18 15:49	9673.731422	Other	NA	Electronic	18.58292	18.58757
USDMXN.	01-08-18	09:30-09:32	18.6679	879.4301293								
USDMXN.	01-08-18	11:32-13:30			18.6339	01-08-18 12:04	879.4301293	Other	NA	Electronic	18.6291	18.6339
USDMXN.	01-08-18	13:32-15:30			18.5958	01-08-18 13:34	43971.50646	Other	NA	Electronic	18.59146	18.5958
USDMXN.	01-08-18	15:32-17:30			18.60775	01-08-18 15:34	43971.50646	Other	NA	Electronic	18.60775	18.6124
USDMXN.	02-08-18	09:32-11:30			18.72933	02-08-18 10:21	879.4301293	Other	NA	Electronic	18.72934	18.7357



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USDMXN.	02-08-18	11:32-13:30			18.7617	02-08-18 12:14	879.4301293	Other	NA	Electronic	18.7617	18.7666
USDMXN.	02-08-18	13:32-15:30			18.66879	02-08-18 13:32	879.4301293	Other	NA	Electronic	18.66916	18.6735
USDMXN.	02-08-18	15:30-15:32	18.62018	176765.456								
USDMXN.	03-08-18	09:32-11:30			18.68572	03-08-18 09:44	175886.0259	Other	NA	Electronic	18.6795	18.68572
USDMXN.	03-08-18	11:32-13:30			18.6848	03-08-18 11:52	175886.0259	Other	NA	Electronic	18.6848	18.69035
USDMXN.	03-08-18	13:32-15:30			18.6203	03-08-18 14:03	7914.871163	Other	NA	Electronic	18.61539	18.6203
USDMXN.	03-08-18	15:32-17:30			18.57627	03-08-18 16:06	175886.0259	Other	NA	Electronic	18.57627	18.5805
USDMXN.	06-08-18	09:32-11:30			18.56285	06-08-18 10:04	879.4301293	Other	NA	Electronic	18.56285	18.56857
USDMXN.	06-08-18	11:32-13:30			18.6046	06-08-18 13:18	879.4301293	Other	NA	Electronic	18.6046	18.609
USDMXN.	06-08-18	13:32-15:30			18.5798	06-08-18 13:38	879.4301293	Other	NA	Electronic	18.57487	18.5798
USDMXN.	06-08-18	15:32-17:30			18.52282	06-08-18 15:52	879.4301293	Other	NA	Electronic	18.52282	18.52765
USDMXN.	07-08-18	09:32-11:30			18.47523	07-08-18 11:16	175886.0259	Other	NA	Electronic	18.471	18.47523
USDMXN.	07-08-18	11:32-13:30			18.46333	07-08-18 11:42	879.4301293	Other	NA	Electronic	18.45926	18.46333
USDMXN.	07-08-18	13:32-15:30			18.465	07-08-18 13:32	175886.0259	Other	NA	Electronic	18.465	18.46956
USDMXN.	08-08-18	09:32-11:30			18.4717	08-08-18 10:09	879.4301293	Other	NA	Electronic	18.46628	18.4717

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	08-08-18	11:32-13:30			18.49795	08-08-18 11:41	879.4301293	Other	NA	Electronic	18.49795	18.50323
USDMXN.	08-08-18	15:32-17:30			18.4185	08-08-18 17:11	87943.01293	Other	NA	Electronic	18.4124	18.41738
USDMXN.	09-08-18	11:32-13:30			18.57403	09-08-18 11:42	87943.01293	Other	NA	Electronic	18.57403	18.57854
USDMXN.	09-08-18	13:32-15:30			18.6206	09-08-18 13:33	879.4301293	Other	NA	Electronic	18.6206	18.62488
USDMXN.	09-08-18	15:32-17:30			18.67344	09-08-18 16:05	4397.150646	Other	NA	Electronic	18.67344	18.6779
USDMXN.	10-08-18	09:32-11:30			18.87921	10-08-18 09:50	879.4301293	Other	NA	Electronic	18.87921	18.88499
USDMXN.	10-08-18	11:32-13:30			18.8779	10-08-18 11:46	43971.50646	Other	NA	Electronic	18.87102	18.8779
USDMXN.	10-08-18	13:30-13:32	19.04318	88822.44306								
USDMXN.	10-08-18	15:32-17:30			18.9551	10-08-18 17:09	43971.50646	Other	NA	Electronic	18.9551	18.96034
USDMXN.	13-08-18	11:32-13:30			19.21575	13-08-18 12:18	879.4301293	Other	NA	Electronic	19.21113	19.21575
USDMXN.	13-08-18	13:32-15:30			19.11688	13-08-18 13:43	879.4301293	Other	NA	Electronic	19.111	19.11688
USDMXN.	13-08-18	15:32-17:30			19.2196	13-08-18 15:51	879.4301293	Other	NA	Electronic	19.2196	19.22618
USDMXN.	14-08-18	09:32-11:30			18.89949	14-08-18 10:12	879.4301293	Other	NA	Electronic	18.892	18.89949
USDMXN.	14-08-18	11:32-13:30			18.96169	14-08-18 11:48	1758.860259	Other	NA	Electronic	18.96169	18.9659
USDMXN.	14-08-18	13:32-15:30			18.97228	14-08-18 13:35	879.4301293	Other	NA	Electronic	18.97228	18.97683

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USDMXN.	15-08-18	09:32-11:30			18.99357	15-08-18 10:12	1758.860259	Other	NA	Electronic	18.99357	19.00099
USDMXN.	15-08-18	11:32-13:30			19.12001	15-08-18 11:33	879.4301293	Other	NA	Electronic	19.12001	19.12819
USDMXN.	15-08-18	13:30-13:32	19.16616	879.4301293								
USDMXN.	15-08-18	15:32-17:30			19.1315	15-08-18 16:38	879.4301293	Other	NA	Electronic	19.12551	19.1315
USDMXN.	17-08-18	09:32-11:30			19.14112	17-08-18 10:10	879.4301293	Other	NA	Electronic	19.14112	19.1499
USDMXN.	17-08-18	11:32-13:30			19.11036	17-08-18 12:54	879.4301293	Other	NA	Electronic	19.11036	19.1146
USDMXN.	17-08-18	13:32-15:30			19.07839	17-08-18 14:12	879.4301293	Other	NA	Electronic	19.07395	19.07839
USDMXN.	20-08-18	13:32-15:30			19.0095	20-08-18 14:02	879.4301293	Other	NA	Electronic	19.0095	19.01465
USDMXN.	21-08-18	11:32-13:30			18.90259	21-08-18 11:35	879.4301293	Other	NA	Electronic	18.90259	18.90723
USDMXN.	22-08-18	09:32-11:30			18.8571	22-08-18 10:11	879.4301293	Other	NA	Electronic	18.85255	18.8571
USDMXN.	22-08-18	13:32-15:30			18.85137	22-08-18 14:26	879.4301293	Other	NA	Electronic	18.84747	18.85137
USDMXN.	22-08-18	15:32-17:30			18.83749	22-08-18 15:47	879.4301293	Other	NA	Electronic	18.83228	18.83749
USDMXN.	23-08-18	09:32-11:30			18.80028	23-08-18 09:41	8794.301293	Other	NA	Electronic	18.80028	18.80649
USDMXN.	23-08-18	11:32-13:30			18.80588	23-08-18 12:08	13191.45194	Other	NA	Electronic	18.80588	18.81105
USDMXN.	23-08-18	13:32-15:30			18.88251	23-08-18 14:24	8794.301293	Other	NA	Electronic	18.88251	18.88849

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USDMXN.	23-08-18	15:32-17:30			18.88906	23-08-18 16:39	4397.150646	Other	NA	Electronic	18.88906	18.89249
USDMXN.	24-08-18	11:32-13:30			18.84739	24-08-18 13:07	3517.720517	Other	NA	Electronic	18.844	18.84739
USDMXN.	24-08-18	13:32-15:30			18.84984	24-08-18 13:49	4397.150646	Other	NA	Electronic	18.84568	18.84984
USDMXN.	27-08-18	09:32-11:30			18.77573	27-08-18 09:46	879.4301293	Other	NA	Electronic	18.77573	18.78227
USDMXN.	27-08-18	11:32-13:30			18.80813	27-08-18 11:42	26382.90388	Other	NA	Electronic	18.80813	18.81386
USDMXN.	27-08-18	13:32-15:30			18.67973	27-08-18 13:44	21985.75323	Other	NA	Electronic	18.67495	18.67973
USDMXN.	27-08-18	15:32-17:30			18.62095	27-08-18 15:37	87943.01293	Other	NA	Electronic	18.616	18.62095
USDMXN.	28-08-18	09:32-11:30			18.75331	28-08-18 09:46	2638.290388	Other	NA	Electronic	18.74608	18.75331
USDMXN.	28-08-18	11:32-13:30			18.73974	28-08-18 11:51	879.4301293	Other	NA	Electronic	18.73974	18.74447
USDMXN.	28-08-18	13:32-15:30			18.8665	28-08-18 14:01	879.4301293	Other	NA	Electronic	18.8578	18.8665
USDMXN.	29-08-18	11:32-13:30			19.14338	29-08-18 11:57	879.4301293	Other	NA	Electronic	19.14338	19.14781
USDMXN.	29-08-18	13:32-15:30			19.10478	29-08-18 14:14	879.4301293	Other	NA	Electronic	19.10478	19.10922
USDMXN.	29-08-18	15:32-17:30			19.04525	29-08-18 15:44	879.4301293	Other	NA	Electronic	19.04525	19.04913
USDMXN.	30-08-18	13:32-15:30			19.14314	30-08-18 15:06	1758.860259	Other	NA	Electronic	19.14314	19.14784
USDMXN.	30-08-18	15:32-17:30			19.079	30-08-18 16:56	879.4301293	Other	NA	Electronic	19.079	19.08522

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USDMXN.	31-08-18	09:32-11:30			19.11545	31-08-18 09:42	879.4301293	Other	NA	Electronic	19.11545	19.12276
USDMXN.	31-08-18	15:32-17:30			19.2581	31-08-18 16:10	879.4301293	Other	NA	Electronic	19.25771	19.2623
USDMXN.	03-09-18	13:32-15:30			19.2385	03-09-18 13:52	879.4301293	Other	NA	Electronic	19.2385	19.24334
USDMXN.	04-09-18	09:30-09:32	19.3645	879.4301293								
USDMXN.	04-09-18	11:32-13:30			19.38176	04-09-18 11:48	879.4301293	Other	NA	Electronic	19.37777	19.38176
USDMXN.	04-09-18	13:32-15:30			19.36802	04-09-18 13:40	2638.290388	Other	NA	Electronic	19.36316	19.36802
USDMXN.	04-09-18	15:32-17:30			19.34791	04-09-18 15:38	13191.45194	Other	NA	Electronic	19.34791	19.35233
USDMXN.	05-09-18	09:32-11:30			19.56899	05-09-18 10:51	879.4301293	Other	NA	Electronic	19.56261	19.56899
USDMXN.	05-09-18	11:32-13:30			19.4496	05-09-18 13:06	879.4301293	Other	NA	Electronic	19.4419	19.4496
USDMXN.	05-09-18	13:32-15:30			19.45852	05-09-18 14:32	879.4301293	Other	NA	Electronic	19.45455	19.45852
USDMXN.	05-09-18	15:32-17:30			19.37209	05-09-18 17:09	43971.50646	Other	NA	Electronic	19.37209	19.37653
USDMXN.	06-09-18	13:32-15:30			19.29265	06-09-18 13:45	8794.301293	Other	NA	Electronic	19.29265	19.29715
USDMXN.	07-09-18	13:32-15:30			19.23494	07-09-18 15:12	879.4301293	Other	NA	Electronic	19.23044	19.23494
USDMXN.	10-09-18	11:32-13:30			19.33685	10-09-18 12:49	879.4301293	Other	NA	Electronic	19.33232	19.33685
USDMXN.	11-09-18	13:32-15:30			19.2507	11-09-18 15:25	4397.150646	Other	NA	Electronic	19.2461	19.25068

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN.	13-09-18	15:32-17:30			18.8405	13-09-18 16:56	879.4301293	Other	NA	Electronic	18.8405	18.84484
USDMXN.	14-09-18	09:32-11:30			18.79962	14-09-18 11:02	879.4301293	Other	NA	Electronic	18.79962	18.80509
USDMXN.	27-09-18	13:32-15:30			18.80851	27-09-18 13:58	879.4301293	Other	NA	Electronic	18.80851	18.81249
USDMXN-micro	02-07-18	09:30-09:32	19.9981	8.794301293								
USDMXN-micro	02-07-18	11:32-13:30			20.0349	02-07-18 11:32	2638.290388	Other	NA	Electronic	20.0349	20.04682
USDMXN-micro	02-07-18	13:32-15:30			20.13437	02-07-18 13:39	17.58860259	Other	NA	Electronic	20.12289	20.13437
USDMXN-micro	02-07-18	15:32-17:30			20.17657	02-07-18 15:33	360.566353	Other	NA	Electronic	20.17685	20.18739
USDMXN-micro	03-07-18	09:30-09:32	19.74485	351.7720517								
USDMXN-micro	03-07-18	11:32-13:30			19.68611	03-07-18 11:40	8794.301293	Other	NA	Electronic	19.6747	19.68611
USDMXN-micro	03-07-18	13:32-15:30			19.62693	03-07-18 13:34	184.6803271	Other	NA	Electronic	19.61575	19.62693
USDMXN-micro	03-07-18	15:30-15:32	19.53783	6419.839944								
USDMXN-micro	04-07-18	09:32-11:30			19.48006	04-07-18 10:04	246.2404362	Other	NA	Electronic	19.48006	19.4916
USDMXN-micro	04-07-18	11:32-13:30			19.5282	04-07-18 11:38	888.2244306	Other	NA	Electronic	19.5279	19.53962
USDMXN-micro	04-07-18	13:32-15:30			19.44858	04-07-18 13:34	246.2404362	Other	NA	Electronic	19.44858	19.46211
USDMXN-micro	04-07-18	15:32-17:30			19.4486	04-07-18 15:34	439.7150646	Other	NA	Electronic	19.43451	19.4486

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	05-07-18	09:30-09:32	19.45655	395.7435582								
USDMXN-micro	05-07-18	11:30-11:32	19.3064	8.794301293								
USDMXN-micro	05-07-18	13:30-13:32	19.35053	175.8860259								
USDMXN-micro	05-07-18	15:30-15:32	19.2598	87.94301293								
USDMXN-micro	06-07-18	09:32-11:30			19.22622	06-07-18 09:34	123.1202181	Other	NA	Electronic	19.22622	19.2386
USDMXN-micro	06-07-18	11:32-13:30			19.2329	06-07-18 11:36	123.1202181	Other	NA	Electronic	19.2215	19.2329
USDMXN-micro	06-07-18	13:32-15:30			19.07891	06-07-18 13:32	263.8290388	Other	NA	Electronic	19.07891	19.0904
USDMXN-micro	06-07-18	15:32-17:30			19.0574	06-07-18 15:36	351.7720517	Other	NA	Electronic	19.0574	19.06836
USDMXN-micro	09-07-18	09:30-09:32	18.99187	255.0347375								
USDMXN-micro	09-07-18	11:32-13:30			19.0382	09-07-18 11:32	17588.60259	Other	NA	Electronic	19.03795	19.049
USDMXN-micro	09-07-18	13:30-13:32	19.10924	87.94301293								
USDMXN-micro	09-07-18	15:32-17:30			19.1232	09-07-18 15:34	193.4746284	Other	NA	Electronic	19.1232	19.1355
USDMXN-micro	10-07-18	09:30-09:32	19.21356	2638.290388								
USDMXN-micro	10-07-18	11:30-11:32	19.17667	19655.26339								
USDMXN-micro	10-07-18	13:32-15:30			19.11877	10-07-18 13:40	879.4301293	Other	NA	Electronic	19.1086	19.11877

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	10-07-18	15:32-17:30			19.0235	10-07-18 15:34	202.2689297	Other	NA	Electronic	19.01223	19.0235
USDMXN-micro	11-07-18	09:32-11:30			19.08921	11-07-18 09:32	1758.860259	Other	NA	Electronic	19.07751	19.08921
USDMXN-micro	11-07-18	11:32-13:30			19.01118	11-07-18 11:32	87.94301293	Other	NA	Electronic	19.01118	19.02334
USDMXN-micro	11-07-18	13:32-15:30			18.9364	11-07-18 13:32	888.2244306	Other	NA	Electronic	18.9249	18.9364
USDMXN-micro	11-07-18	15:30-15:32	19.00725	9066.924633								
USDMXN-micro	12-07-18	09:32-11:30			19.00104	12-07-18 09:33	1758.860259	Other	NA	Electronic	19.00104	19.0126
USDMXN-micro	12-07-18	11:32-13:30			18.96852	12-07-18 11:41	1679.711547	Other	NA	Electronic	18.9589	18.96901
USDMXN-micro	12-07-18	13:30-13:32	18.82936	439.7150646								
USDMXN-micro	12-07-18	15:30-15:32	18.78375	34209.83203								
USDMXN-micro	13-07-18	09:32-11:30			19.0652	13-07-18 09:37	1758.860259	Other	NA	Electronic	19.0518	19.0652
USDMXN-micro	13-07-18	11:32-13:30			19.05529	13-07-18 11:33	8794.301293	Other	NA	Electronic	19.05529	19.06774
USDMXN-micro	13-07-18	13:30-13:32	18.9459	1758.860259								
USDMXN-micro	13-07-18	15:30-15:32	18.87562	87.94301293								
USDMXN-micro	16-07-18	09:32-11:30			18.82889	16-07-18 09:35	4397.150646	Other	NA	Electronic	18.8155	18.82837
USDMXN-micro	16-07-18	11:30-11:32	18.78535	4485.093659								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	16-07-18	13:32-15:30			18.819	16-07-18 13:44	527.6580776	Other	NA	Electronic	18.80774	18.819
USDMXN-micro	16-07-18	15:32-17:30			18.85817	16-07-18 15:37	87.94301293	Other	NA	Electronic	18.85817	18.86829
USDMXN-micro	17-07-18	09:32-11:30			18.92278	17-07-18 09:32	439.7150646	Other	NA	Electronic	18.9104	18.92278
USDMXN-micro	17-07-18	11:32-13:30			18.92418	17-07-18 11:36	263.8290388	Other	NA	Electronic	18.92418	18.936
USDMXN-micro	17-07-18	13:30-13:32	18.8945	193.4746284								
USDMXN-micro	17-07-18	15:32-17:30			18.838	17-07-18 15:33	2022.689297	Other	NA	Electronic	18.8265	18.838
USDMXN-micro	18-07-18	09:30-09:32	18.95578	1758.860259								
USDMXN-micro	18-07-18	11:32-13:30			18.97199	18-07-18 11:37	21985.75323	Other	NA	Electronic	18.97199	18.98217
USDMXN-micro	18-07-18	13:32-15:30			19.02114	18-07-18 13:33	879.4301293	Other	NA	Electronic	19.0098	19.02114
USDMXN-micro	18-07-18	15:32-17:30			18.9743	18-07-18 15:32	351.7720517	Other	NA	Electronic	18.9629	18.9743
USDMXN-micro	19-07-18	09:32-11:30			19.02827	19-07-18 09:36	1758.860259	Other	NA	Electronic	19.02827	19.0428
USDMXN-micro	19-07-18	11:30-11:32	19.05865	17808.46012								
USDMXN-micro	19-07-18	13:30-13:32	19.10752	2990.06244								
USDMXN-micro	19-07-18	15:30-15:32	19.06828	8794.301293								
USDMXN-micro	20-07-18	09:32-11:30			19.0562	20-07-18 10:13	175.8860259	Other	NA	Electronic	19.0562	19.06787

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	20-07-18	11:32-13:30			19.0244	20-07-18 11:49	87.94301293	Other	NA	Electronic	19.0244	19.03608
USDMXN-micro	20-07-18	13:32-15:30			18.92	20-07-18 13:33	879.4301293	Other	NA	Electronic	18.92	18.9314
USDMXN-micro	20-07-18	15:32-17:30			19.0934	20-07-18 15:45	8.794301293	Other	NA	Electronic	19.0934	19.10419
USDMXN-micro	23-07-18	09:30-09:32	19.1312	439.7150646								
USDMXN-micro	23-07-18	11:32-13:30			19.08684	23-07-18 11:42	677.1611995	Other	NA	Electronic	19.08684	19.0978
USDMXN-micro	23-07-18	13:32-15:30			19.12266	23-07-18 13:32	8.794301293	Other	NA	Electronic	19.12266	19.134
USDMXN-micro	23-07-18	15:32-17:30			19.07988	23-07-18 15:45	87.94301293	Other	NA	Electronic	19.06922	19.07988
USDMXN-micro	24-07-18	09:32-11:30			18.88872	24-07-18 09:35	175.8860259	Other	NA	Electronic	18.87698	18.88872
USDMXN-micro	24-07-18	11:32-13:30			18.82388	24-07-18 11:38	4397.150646	Other	NA	Electronic	18.81219	18.82367
USDMXN-micro	24-07-18	13:32-15:30			18.85346	24-07-18 14:00	263.8290388	Other	NA	Electronic	18.8434	18.85346
USDMXN-micro	24-07-18	15:32-17:30			18.85669	24-07-18 15:58	4397.150646	Other	NA	Electronic	18.84574	18.8568
USDMXN-micro	25-07-18	09:30-09:32	18.8047	1758.860259								
USDMXN-micro	25-07-18	11:30-11:32	18.826	87.94301293								
USDMXN-micro	25-07-18	13:30-13:32	18.73522	3078.005452								
USDMXN-micro	25-07-18	15:32-17:30			18.819	25-07-18 15:38	17.58860259	Other	NA	Electronic	18.819	18.8301

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USDMXN-micro	26-07-18	09:30-09:32	18.72369	527.6580776								
USDMXN-micro	26-07-18	11:32-13:30			18.71475	26-07-18 11:32	10553.16155	Other	NA	Electronic	18.71475	18.72529
USDMXN-micro	26-07-18	13:30-13:32	18.72037	4432.327852								
USDMXN-micro	26-07-18	15:30-15:32	18.63206	2735.027702								
USDMXN-micro	27-07-18	09:30-09:32	18.6214	175.8860259								
USDMXN-micro	27-07-18	11:30-11:32	18.6501	879.4301293								
USDMXN-micro	27-07-18	13:32-15:30			18.6083	27-07-18 13:35	6156.010905	Other	NA	Electronic	18.59706	18.6084
USDMXN-micro	27-07-18	15:32-17:30			18.57275	27-07-18 15:35	4405.944948	Other	NA	Electronic	18.5622	18.57275
USDMXN-micro	30-07-18	09:32-11:30			18.6247	30-07-18 09:40	1767.65456	Other	NA	Electronic	18.6247	18.63688
USDMXN-micro	30-07-18	11:30-11:32	18.58548	87.94301293								
USDMXN-micro	30-07-18	13:32-15:30			18.54237	30-07-18 13:45	615.6010905	Other	NA	Electronic	18.54237	18.55281
USDMXN-micro	30-07-18	15:32-17:30			18.52861	30-07-18 15:33	87.94301293	Other	NA	Electronic	18.52861	18.53875
USDMXN-micro	31-07-18	09:32-11:30			18.5406	31-07-18 09:43	1046.521854	Other	NA	Electronic	18.52808	18.5406
USDMXN-micro	31-07-18	11:32-13:30			18.5104	31-07-18 11:52	1319.145194	Other	NA	Electronic	18.51018	18.5208
USDMXN-micro	31-07-18	13:30-13:32	18.62051	3623.252133								

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USDMXN-micro	31-07-18	15:32-17:30			18.63578	31-07-18 15:36	1547.797028	Other	NA	Electronic	18.62561	18.63578
USDMXN-micro	01-08-18	09:32-11:30			18.677	01-08-18 09:42	17.58860259	Other	NA	Electronic	18.677	18.68888
USDMXN-micro	01-08-18	11:30-11:32	18.64337	114.3259168								
USDMXN-micro	01-08-18	13:32-15:30			18.59055	01-08-18 13:36	17588.60259	Other	NA	Electronic	18.5803	18.59055
USDMXN-micro	01-08-18	15:32-17:30			18.6107	01-08-18 15:45	175.8860259	Other	NA	Electronic	18.6107	18.6211
USDMXN-micro	02-08-18	09:32-11:30			18.7251	02-08-18 09:33	1319.145194	Other	NA	Electronic	18.71253	18.7251
USDMXN-micro	02-08-18	11:32-13:30			18.6909	02-08-18 11:35	175.8860259	Other	NA	Electronic	18.6909	18.70089
USDMXN-micro	02-08-18	13:32-15:30			18.66163	02-08-18 13:37	175.8860259	Other	NA	Electronic	18.6514	18.66163
USDMXN-micro	02-08-18	15:32-17:30			18.64351	02-08-18 15:51	21985.75323	Other	NA	Electronic	18.63352	18.64351
USDMXN-micro	03-08-18	09:32-11:30			18.6774	03-08-18 09:36	879.4301293	Other	NA	Electronic	18.6774	18.68984
USDMXN-micro	03-08-18	11:32-13:30			18.67046	03-08-18 12:25	43.97150646	Other	NA	Electronic	18.65898	18.67046
USDMXN-micro	03-08-18	13:32-15:30			18.61837	03-08-18 14:14	193.4746284	Other	NA	Electronic	18.60736	18.61837
USDMXN-micro	03-08-18	15:32-17:30			18.5835	03-08-18 16:09	175.8860259	Other	NA	Electronic	18.57256	18.5835
USDMXN-micro	06-08-18	09:32-11:30			18.5591	06-08-18 09:53	501.2751737	Other	NA	Electronic	18.5479	18.55911
USDMXN-micro	06-08-18	11:32-13:30			18.60574	06-08-18 11:35	8.794301293	Other	NA	Electronic	18.60574	18.61615

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USDMXN-micro	06-08-18	13:32-15:30			18.56593	06-08-18 13:51	659.572597	Other	NA	Electronic	18.56593	18.57666
USDMXN-micro	06-08-18	15:32-17:30			18.5171	06-08-18 15:35	219.8575323	Other	NA	Electronic	18.50676	18.5171
USDMXN-micro	07-08-18	09:32-11:30			18.50199	07-08-18 09:43	43.97150646	Other	NA	Electronic	18.4897	18.50199
USDMXN-micro	07-08-18	11:32-13:30			18.47671	07-08-18 11:40	131.9145194	Other	NA	Electronic	18.4657	18.47671
USDMXN-micro	07-08-18	13:30-13:32	18.46285	1802.831765								
USDMXN-micro	07-08-18	15:32-17:30			18.46102	07-08-18 15:47	1802.831765	Other	NA	Electronic	18.46102	18.47176
USDMXN-micro	08-08-18	09:30-09:32	18.43448	2339.284144								
USDMXN-micro	08-08-18	11:32-13:30			18.49092	08-08-18 11:51	96.73731422	Other	NA	Electronic	18.49092	18.50148
USDMXN-micro	08-08-18	13:32-15:30			18.49553	08-08-18 13:33	87.94301293	Other	NA	Electronic	18.48499	18.49553
USDMXN-micro	08-08-18	15:32-17:30			18.45875	08-08-18 15:43	888.2244306	Other	NA	Electronic	18.45875	18.47129
USDMXN-micro	09-08-18	09:32-11:30			18.5149	09-08-18 09:55	87.94301293	Other	NA	Electronic	18.5149	18.5241
USDMXN-micro	09-08-18	11:32-13:30			18.55615	09-08-18 11:35	791.4871163	Other	NA	Electronic	18.55615	18.5671
USDMXN-micro	09-08-18	13:32-15:30			18.61171	09-08-18 13:33	87.94301293	Other	NA	Electronic	18.61171	18.6211
USDMXN-micro	09-08-18	15:32-17:30			18.68291	09-08-18 15:58	395.7435582	Other	NA	Electronic	18.68291	18.69343
USDMXN-micro	10-08-18	09:32-11:30			18.87553	10-08-18 10:02	87.94301293	Other	NA	Electronic	18.87553	18.89009

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	10-08-18	11:32-13:30			18.9107	10-08-18 11:32	87.94301293	Other	NA	Electronic	18.89895	18.9107
USDMXN-micro	10-08-18	13:30-13:32	19.0328	2814.176414								
USDMXN-micro	10-08-18	15:32-17:30			18.95178	10-08-18 15:54	175.8860259	Other	NA	Electronic	18.94079	18.95178
USDMXN-micro	13-08-18	09:32-11:30			19.2577	13-08-18 09:33	290.2119427	Other	NA	Electronic	19.24161	19.2577
USDMXN-micro	13-08-18	11:32-13:30			19.22976	13-08-18 11:35	1758.860259	Other	NA	Electronic	19.22976	19.24329
USDMXN-micro	13-08-18	13:30-13:32	19.0675	8.794301293								
USDMXN-micro	13-08-18	15:32-17:30			19.207	13-08-18 15:35	290.2119427	Other	NA	Electronic	19.207	19.21759
USDMXN-micro	14-08-18	09:32-11:30			18.94674	14-08-18 09:39	263.8290388	Other	NA	Electronic	18.93192	18.94674
USDMXN-micro	14-08-18	11:32-13:30			18.9424	14-08-18 11:36	1758.860259	Other	NA	Electronic	18.9304	18.9424
USDMXN-micro	14-08-18	13:32-15:30			18.96725	14-08-18 13:33	879.4301293	Other	NA	Electronic	18.96725	18.97784
USDMXN-micro	14-08-18	15:30-15:32	18.99569	8794.301293								
USDMXN-micro	15-08-18	09:32-11:30			18.9754	15-08-18 09:35	527.6580776	Other	NA	Electronic	18.9754	18.98899
USDMXN-micro	15-08-18	11:30-11:32	19.10991	26.38290388								
USDMXN-micro	15-08-18	13:32-15:30			19.16716	15-08-18 13:32	175.8860259	Other	NA	Electronic	19.16716	19.17786
USDMXN-micro	15-08-18	15:32-17:30			19.24852	15-08-18 15:47	43.97150646	Other	NA	Electronic	19.23789	19.24852

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	16-08-18	09:32-11:30			19.08572	16-08-18 09:39	307.8005452	Other	NA	Electronic	19.07219	19.08572
USDMXN-micro	16-08-18	11:30-11:32	19.0262	633.1896931								
USDMXN-micro	16-08-18	13:32-15:30			18.97056	16-08-18 13:34	299.006244	Other	NA	Electronic	18.96017	18.97056
USDMXN-micro	16-08-18	15:32-17:30			19.0167	16-08-18 15:33	879.4301293	Other	NA	Electronic	19.0167	19.0293
USDMXN-micro	17-08-18	09:32-11:30			19.11096	17-08-18 09:33	3517.720517	Other	NA	Electronic	19.09719	19.11096
USDMXN-micro	17-08-18	11:30-11:32	19.08464	1758.860259								
USDMXN-micro	17-08-18	13:32-15:30			19.09013	17-08-18 13:32	87.94301293	Other	NA	Electronic	19.09013	19.10132
USDMXN-micro	17-08-18	15:32-17:30			19.06091	17-08-18 15:46	1758.860259	Other	NA	Electronic	19.06091	19.07114
USDMXN-micro	20-08-18	09:32-11:30			18.92879	20-08-18 10:24	131.9145194	Other	NA	Electronic	18.91611	18.92879
USDMXN-micro	20-08-18	11:32-13:30			18.93589	20-08-18 11:32	13191.45194	Other	NA	Electronic	18.92201	18.93589
USDMXN-micro	20-08-18	13:30-13:32	18.96461	70.35441034								
USDMXN-micro	20-08-18	15:32-17:30			19.01191	20-08-18 15:58	2638.290388	Other	NA	Electronic	19.01191	19.02289
USDMXN-micro	21-08-18	09:32-11:30			18.94556	21-08-18 09:40	2638.290388	Other	NA	Electronic	18.93221	18.94556
USDMXN-micro	21-08-18	11:30-11:32	18.91937	2585.52458								
USDMXN-micro	21-08-18	13:32-15:30			18.9569	21-08-18 13:33	131.9145194	Other	NA	Electronic	18.94719	18.9569

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	21-08-18	15:32-17:30			18.88541	21-08-18 15:35	8794.301293	Other	NA	Electronic	18.88541	18.89591
USDMXN-micro	22-08-18	09:30-09:32	18.91405	105.5316155								
USDMXN-micro	22-08-18	11:32-13:30			18.86622	22-08-18 11:36	879.4301293	Other	NA	Electronic	18.85456	18.86622
USDMXN-micro	22-08-18	13:32-15:30			18.84924	22-08-18 13:35	659.572597	Other	NA	Electronic	18.84924	18.85989
USDMXN-micro	22-08-18	15:30-15:32	18.8515	527.6580776								
USDMXN-micro	23-08-18	09:32-11:30			18.78693	23-08-18 09:35	131.9145194	Other	NA	Electronic	18.78693	18.79949
USDMXN-micro	23-08-18	11:30-11:32	18.7629	175.8860259								
USDMXN-micro	23-08-18	13:32-15:30			18.8194	23-08-18 13:33	105.5316155	Other	NA	Electronic	18.8194	18.8309
USDMXN-micro	23-08-18	15:32-17:30			18.86841	23-08-18 15:34	105.5316155	Other	NA	Electronic	18.86841	18.8791
USDMXN-micro	24-08-18	09:32-11:30			18.94357	24-08-18 10:22	87.94301293	Other	NA	Electronic	18.93091	18.94357
USDMXN-micro	24-08-18	11:30-11:32	18.92489	87943.01293								
USDMXN-micro	24-08-18	13:32-15:30			18.86352	24-08-18 13:35	87.94301293	Other	NA	Electronic	18.85315	18.86352
USDMXN-micro	24-08-18	15:30-15:32	18.849	87.94301293								
USDMXN-micro	27-08-18	09:32-11:30			18.78908	27-08-18 09:45	316.5948465	Other	NA	Electronic	18.77618	18.78908
USDMXN-micro	27-08-18	11:32-13:30			18.81668	27-08-18 11:47	87.94301293	Other	NA	Electronic	18.81668	18.82864



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	27-08-18	13:32-15:30			18.69225	27-08-18 13:38	87.94301293	Other	NA	Electronic	18.68129	18.69225
USDMXN-micro	27-08-18	15:32-17:30			18.63169	27-08-18 15:35	61.56010905	Other	NA	Electronic	18.63169	18.64264
USDMXN-micro	28-08-18	09:32-11:30			18.74884	28-08-18 09:55	290.2119427	Other	NA	Electronic	18.73546	18.74884
USDMXN-micro	28-08-18	11:30-11:32	18.78803	1758.860259								
USDMXN-micro	28-08-18	13:32-15:30			18.77733	28-08-18 13:32	131.9145194	Other	NA	Electronic	18.76702	18.77733
USDMXN-micro	28-08-18	15:32-17:30			18.92659	28-08-18 15:37	483.6865711	Other	NA	Electronic	18.916	18.92659
USDMXN-micro	29-08-18	09:32-11:30			19.05115	29-08-18 09:35	307.8005452	Other	NA	Electronic	19.05115	19.06409
USDMXN-micro	29-08-18	11:32-13:30			19.06075	29-08-18 11:41	316.5948465	Other	NA	Electronic	19.04998	19.06075
USDMXN-micro	29-08-18	13:32-15:30			19.12827	29-08-18 13:32	87.94301293	Other	NA	Electronic	19.12827	19.13846
USDMXN-micro	29-08-18	15:32-17:30			19.07944	29-08-18 15:37	43.97150646	Other	NA	Electronic	19.06924	19.07944
USDMXN-micro	30-08-18	09:32-11:30			19.02688	30-08-18 09:47	307.8005452	Other	NA	Electronic	19.01321	19.02688
USDMXN-micro	30-08-18	11:32-13:30			19.06341	30-08-18 11:40	879.4301293	Other	NA	Electronic	19.06341	19.07623
USDMXN-micro	30-08-18	13:32-15:30			19.13304	30-08-18 13:33	175.8860259	Other	NA	Electronic	19.13304	19.14624
USDMXN-micro	30-08-18	15:32-17:30			19.15095	30-08-18 15:35	263.8290388	Other	NA	Electronic	19.14014	19.15095
USDMXN-micro	31-08-18	09:32-11:30			19.15113	31-08-18 10:14	13191.45194	Other	NA	Electronic	19.13752	19.15113

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	31-08-18	11:32-13:30			19.16396	31-08-18 11:35	87.94301293	Other	NA	Electronic	19.16396	19.17547
USDMXN-micro	31-08-18	13:32-15:30			19.15401	31-08-18 13:32	439.7150646	Other	NA	Electronic	19.14325	19.15401
USDMXN-micro	31-08-18	15:32-17:30			19.18231	31-08-18 15:35	15829.74233	Other	NA	Electronic	19.18231	19.19425
USDMXN-micro	03-09-18	09:30-09:32	19.1699	17.58860259								
USDMXN-micro	03-09-18	11:32-13:30			19.14404	03-09-18 11:35	527.6580776	Other	NA	Electronic	19.14404	19.1561
USDMXN-micro	03-09-18	13:32-15:30			19.26407	03-09-18 13:34	96.73731422	Other	NA	Electronic	19.25209	19.26407
USDMXN-micro	03-09-18	15:32-17:30			19.22948	03-09-18 16:42	87.94301293	Other	NA	Electronic	19.21744	19.22948
USDMXN-micro	04-09-18	09:30-09:32	19.38015	439.7150646								
USDMXN-micro	04-09-18	11:32-13:30			19.38561	04-09-18 11:45	439.7150646	Other	NA	Electronic	19.38561	19.39648
USDMXN-micro	04-09-18	13:32-15:30			19.37269	04-09-18 13:39	70.35441034	Other	NA	Electronic	19.37269	19.3835
USDMXN-micro	04-09-18	15:32-17:30			19.34098	04-09-18 15:39	439.7150646	Other	NA	Electronic	19.34098	19.3516
USDMXN-micro	05-09-18	09:32-11:30			19.61779	05-09-18 09:36	35.17720517	Other	NA	Electronic	19.60417	19.61779
USDMXN-micro	05-09-18	11:30-11:32	19.57294	20051.00695								
USDMXN-micro	05-09-18	13:32-15:30			19.46853	05-09-18 13:53	879.4301293	Other	NA	Electronic	19.45779	19.46853
USDMXN-micro	05-09-18	15:30-15:32	19.48151	8794.301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	06-09-18	09:32-11:30			19.27009	06-09-18 09:49	87.94301293	Other	NA	Electronic	19.2553	19.27009
USDMXN-micro	06-09-18	11:32-13:30			19.26023	06-09-18 11:33	17.58860259	Other	NA	Electronic	19.24895	19.26023
USDMXN-micro	06-09-18	13:32-15:30			19.29175	06-09-18 13:39	26.38290388	Other	NA	Electronic	19.29175	19.30181
USDMXN-micro	06-09-18	15:30-15:32	19.38471	369.3606543								
USDMXN-micro	07-09-18	09:32-11:30			19.12484	07-09-18 09:49	879.4301293	Other	NA	Electronic	19.12484	19.13887
USDMXN-micro	07-09-18	11:30-11:32	19.16557	87.94301293								
USDMXN-micro	07-09-18	13:32-15:30			19.22158	07-09-18 13:45	43.97150646	Other	NA	Electronic	19.22158	19.23411
USDMXN-micro	07-09-18	15:32-17:30			19.1995	07-09-18 15:44	351.7720517	Other	NA	Electronic	19.18813	19.1995
USDMXN-micro	10-09-18	09:32-11:30			19.2983	10-09-18 09:57	914.6073344	Other	NA	Electronic	19.28586	19.2983
USDMXN-micro	10-09-18	11:32-13:30			19.28431	10-09-18 11:54	615.6010905	Other	NA	Electronic	19.28393	19.29509
USDMXN-micro	10-09-18	13:32-15:30			19.28969	10-09-18 13:34	131.9145194	Other	NA	Electronic	19.28969	19.30094
USDMXN-micro	10-09-18	15:32-17:30			19.30682	10-09-18 17:01	43971.50646	Other	NA	Electronic	19.30684	19.31752
USDMXN-micro	11-09-18	09:30-09:32	19.29108	879.4301293								
USDMXN-micro	11-09-18	11:32-13:30			19.33498	11-09-18 12:09	39574.35582	Other	NA	Electronic	19.33498	19.34668
USDMXN-micro	11-09-18	13:30-13:32	19.3342	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	11-09-18	15:32-17:30			19.24009	11-09-18 15:44	4397.150646	Other	NA	Electronic	19.22939	19.24009
USDMXN-micro	12-09-18	09:32-11:30			19.1368	12-09-18 09:37	175.8860259	Other	NA	Electronic	19.12341	19.1368
USDMXN-micro	12-09-18	11:30-11:32	19.16321	263.8290388								
USDMXN-micro	12-09-18	13:32-15:30			19.10672	12-09-18 13:44	87.94301293	Other	NA	Electronic	19.0963	19.10672
USDMXN-micro	12-09-18	15:30-15:32	19.03354	14070.88207								
USDMXN-micro	13-09-18	09:32-11:30			19.0616	13-09-18 09:33	13191.45194	Other	NA	Electronic	19.05141	19.0616
USDMXN-micro	13-09-18	11:30-11:32	18.95059	3781.549556								
USDMXN-micro	13-09-18	13:30-13:32	18.86705	1495.03122								
USDMXN-micro	13-09-18	15:32-17:30			18.87646	13-09-18 15:38	87.94301293	Other	NA	Electronic	18.87646	18.88759
USDMXN-micro	14-09-18	09:32-11:30			18.85041	14-09-18 09:36	17.58860259	Other	NA	Electronic	18.85041	18.86237
USDMXN-micro	14-09-18	11:32-13:30			18.8539	14-09-18 12:50	114.3259168	Other	NA	Electronic	18.8539	18.8645
USDMXN-micro	14-09-18	13:32-15:30			18.82872	14-09-18 13:39	263.8290388	Other	NA	Electronic	18.81802	18.82872
USDMXN-micro	14-09-18	15:32-17:30			18.87861	14-09-18 16:01	439.7150646	Other	NA	Electronic	18.87861	18.89309
USDMXN-micro	17-09-18	09:32-11:30			18.86721	17-09-18 09:50	87.94301293	Other	NA	Electronic	18.86721	18.8804
USDMXN-micro	17-09-18	11:32-13:30			18.81752	17-09-18 12:00	3078.005452	Other	NA	Electronic	18.81642	18.83027

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	17-09-18	13:32-15:30			18.83179	17-09-18 14:39	87.94301293	Other	NA	Electronic	18.83179	18.84239
USDMXN-micro	17-09-18	15:32-17:30			18.86162	17-09-18 15:56	87.94301293	Other	NA	Electronic	18.85108	18.86162
USDMXN-micro	18-09-18	09:32-11:30			18.82897	18-09-18 10:06	105.5316155	Other	NA	Electronic	18.81587	18.82897
USDMXN-micro	18-09-18	11:32-13:30			18.88623	18-09-18 11:32	140.7088207	Other	NA	Electronic	18.87641	18.88623
USDMXN-micro	18-09-18	13:32-15:30			18.78027	18-09-18 13:32	26382.90388	Other	NA	Electronic	18.77041	18.78027
USDMXN-micro	18-09-18	15:32-17:30			18.7409	18-09-18 15:41	263.8290388	Other	NA	Electronic	18.7409	18.7506
USDMXN-micro	19-09-18	09:32-11:30			18.76918	19-09-18 10:02	184.6803271	Other	NA	Electronic	18.75637	18.76918
USDMXN-micro	19-09-18	11:30-11:32	18.74749	879.4301293								
USDMXN-micro	19-09-18	13:32-15:30			18.72223	19-09-18 13:34	175.8860259	Other	NA	Electronic	18.71143	18.72223
USDMXN-micro	19-09-18	15:32-17:30			18.76316	19-09-18 15:33	1767.65456	Other	NA	Electronic	18.76316	18.77398
USDMXN-micro	20-09-18	09:32-11:30			18.7321	20-09-18 09:47	263.8290388	Other	NA	Electronic	18.71964	18.7321
USDMXN-micro	20-09-18	11:32-13:30			18.7684	20-09-18 11:37	87.94301293	Other	NA	Electronic	18.7684	18.78026
USDMXN-micro	20-09-18	13:32-15:30			18.81018	20-09-18 13:46	17588.60259	Other	NA	Electronic	18.7982	18.81018
USDMXN-micro	20-09-18	15:32-17:30			18.84203	20-09-18 16:40	17.58860259	Other	NA	Electronic	18.83137	18.84203
USDMXN-micro	21-09-18	09:32-11:30			18.84741	21-09-18 09:34	439.7150646	Other	NA	Electronic	18.84741	18.85867

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USDMXN-micro	21-09-18	11:30-11:32	18.90309	87.94301293								
USDMXN-micro	21-09-18	13:32-15:30			18.89241	21-09-18 13:34	17.58860259	Other	NA	Electronic	18.89241	18.90291
USDMXN-micro	21-09-18	15:32-17:30			18.85609	21-09-18 15:47	263.8290388	Other	NA	Electronic	18.84517	18.85609
USDMXN-micro	24-09-18	09:32-11:30			18.85259	24-09-18 09:45	439.7150646	Other	NA	Electronic	18.84036	18.85279
USDMXN-micro	24-09-18	11:32-13:30			18.85679	24-09-18 12:57	439.7150646	Other	NA	Electronic	18.85679	18.86727
USDMXN-micro	24-09-18	13:30-13:32	18.82639	87.94301293								
USDMXN-micro	24-09-18	15:32-17:30			18.85555	24-09-18 15:36	527.6580776	Other	NA	Electronic	18.85555	18.8662
USDMXN-micro	25-09-18	09:32-11:30			18.98314	25-09-18 11:25	131.9145194	Other	NA	Electronic	18.98314	18.99409
USDMXN-micro	25-09-18	11:32-13:30			18.9903	25-09-18 12:33	87.94301293	Other	NA	Electronic	18.9903	19.00082
USDMXN-micro	25-09-18	13:32-15:30			18.99413	25-09-18 13:55	131.9145194	Other	NA	Electronic	18.98381	18.99413
USDMXN-micro	25-09-18	15:32-17:30			18.98995	25-09-18 15:36	290.2119427	Other	NA	Electronic	18.98995	19.00128
USDMXN-micro	26-09-18	09:32-11:30			18.99075	26-09-18 10:36	87.94301293	Other	NA	Electronic	18.99075	19.0025
USDMXN-micro	26-09-18	11:32-13:30			19.02031	26-09-18 12:00	175.8860259	Other	NA	Electronic	19.02031	19.03112
USDMXN-micro	26-09-18	13:32-15:30			19.01237	26-09-18 13:38	8.794301293	Other	NA	Electronic	19.01237	19.02306
USDMXN-micro	26-09-18	15:30-15:32	18.91558	1143.259168								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDMXN-micro	27-09-18	09:32-11:30			18.95188	27-09-18 09:33	13191.45194	Other	NA	Electronic	18.93945	18.95188
USDMXN-micro	27-09-18	11:32-13:30			18.91897	27-09-18 11:35	43.97150646	Other	NA	Electronic	18.90752	18.91897
USDMXN-micro	27-09-18	13:32-15:30			18.81046	27-09-18 13:56	439.7150646	Other	NA	Electronic	18.81046	18.82144
USDMXN-micro	27-09-18	15:32-17:30			18.82237	27-09-18 15:36	290.2119427	Other	NA	Electronic	18.82237	18.83319
USDMXN-micro	28-09-18	09:32-11:30			18.81055	28-09-18 09:39	87.94301293	Other	NA	Electronic	18.79878	18.81055
USDMXN-micro	28-09-18	11:32-13:30			18.8297	28-09-18 11:51	219.8575323	Other	NA	Electronic	18.8297	18.84009
USDMXN-micro	28-09-18	13:32-15:30			18.74231	28-09-18 13:36	26.38290388	Other	NA	Electronic	18.73167	18.74231
USDMXN-micro	28-09-18	15:32-17:30			18.7236	28-09-18 16:40	923.4016357	Other	NA	Electronic	18.7134	18.7236
USDNOK	02-07-18	11:32-13:30			8.19912	02-07-18 13:29	879.4301293	Other	NA	Electronic	8.19397	8.19912
USDNOK	03-07-18	09:32-11:30			8.13129	03-07-18 09:33	26382.90388	Other	NA	Electronic	8.12624	8.13129
USDNOK	03-07-18	11:32-13:30			8.10796	03-07-18 12:05	879.4301293	Other	NA	Electronic	8.10796	8.11306
USDNOK	03-07-18	15:32-17:30			8.1436	03-07-18 15:46	879.4301293	Other	NA	Electronic	8.13852	8.14337
USDNOK	04-07-18	15:32-17:30			8.10473	04-07-18 16:26	879.4301293	Other	NA	Electronic	8.10473	8.11049
USDNOK	05-07-18	09:32-11:30			8.07559	05-07-18 10:00	879.4301293	Other	NA	Electronic	8.07559	8.08071
USDNOK	05-07-18	11:32-13:30			8.06745	05-07-18 11:50	17588.60259	Other	NA	Electronic	8.06251	8.06745

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	05-07-18	15:32-17:30			8.05533	05-07-18 16:44	17588.60259	Other	NA	Electronic	8.0501	8.05533
USDNOK	06-07-18	09:32-11:30			8.06471	06-07-18 10:16	43971.50646	Other	NA	Electronic	8.05937	8.06471
USDNOK	06-07-18	11:32-13:30			8.04409	06-07-18 13:01	17588.60259	Other	NA	Electronic	8.03885	8.044
USDNOK	06-07-18	13:32-15:30			8.02949	06-07-18 14:09	17588.60259	Other	NA	Electronic	8.02949	8.03492
USDNOK	09-07-18	09:32-11:30			7.99561	09-07-18 10:42	4397.150646	Other	NA	Electronic	7.99047	7.99561
USDNOK	09-07-18	11:32-13:30			7.99665	09-07-18 12:34	879.4301293	Other	NA	Electronic	7.99665	8.00178
USDNOK	09-07-18	13:32-15:30			8.00815	09-07-18 13:39	4397.150646	Other	NA	Electronic	8.00815	8.01328
USDNOK	09-07-18	15:32-17:30			8.01412	09-07-18 15:51	879.4301293	Other	NA	Electronic	8.01412	8.01924
USDNOK	10-07-18	09:32-11:30			8.03087	10-07-18 10:11	879.4301293	Other	NA	Electronic	8.03087	8.03601
USDNOK	10-07-18	13:32-15:30			8.04468	10-07-18 14:15	879.4301293	Other	NA	Electronic	8.03973	8.04463
USDNOK	11-07-18	11:32-13:30			8.04562	11-07-18 12:30	879.4301293	Other	NA	Electronic	8.04562	8.05269
USDNOK	11-07-18	13:32-15:30			8.02797	11-07-18 13:38	879.4301293	Other	NA	Electronic	8.02797	8.03303
USDNOK	11-07-18	15:32-17:30			8.0979	11-07-18 17:17	879.4301293	Other	NA	Electronic	8.0979	8.10346
USDNOK	12-07-18	11:32-13:30			8.10131	12-07-18 13:16	879.4301293	Other	NA	Electronic	8.09616	8.10131
USDNOK	12-07-18	15:32-17:30			8.09919	12-07-18 15:34	879.4301293	Other	NA	Electronic	8.09919	8.10433



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	13-07-18	09:32-11:30			8.15314	13-07-18 10:25	879.4301293	Other	NA	Electronic	8.14799	8.15314
USDNOK	13-07-18	13:32-15:30			8.12463	13-07-18 15:27	879.4301293	Other	NA	Electronic	8.12463	8.12972
USDNOK	16-07-18	09:32-11:30			8.1021	16-07-18 10:18	879.4301293	Other	NA	Electronic	8.09705	8.1021
USDNOK	16-07-18	15:32-17:30			8.10235	16-07-18 16:51	879.4301293	Other	NA	Electronic	8.07568	8.08082
USDNOK	17-07-18	09:32-11:30			8.0898	17-07-18 09:57	879.4301293	Other	NA	Electronic	8.08471	8.0898
USDNOK	17-07-18	11:32-13:30			8.11469	17-07-18 12:57	87943.01293	Other	NA	Electronic	8.10973	8.11469
USDNOK	17-07-18	15:32-17:30			8.12282	17-07-18 15:43	879.4301293	Other	NA	Electronic	8.11775	8.12282
USDNOK	18-07-18	09:32-11:30			8.17338	18-07-18 10:00	879.4301293	Other	NA	Electronic	8.17338	8.17848
USDNOK	18-07-18	11:32-13:30			8.18332	18-07-18 11:45	3517.720517	Other	NA	Electronic	8.17823	8.18332
USDNOK	18-07-18	13:32-15:30			8.20175	18-07-18 13:57	7035.441034	Other	NA	Electronic	8.19667	8.20175
USDNOK	18-07-18	15:32-17:30			8.1597	18-07-18 16:34	4397.150646	Other	NA	Electronic	8.15445	8.1597
USDNOK	19-07-18	09:30-09:32	8.2436	879.4301293								
USDNOK	19-07-18	11:32-13:30			8.26577	19-07-18 12:10	7035.441034	Other	NA	Electronic	8.26061	8.26577
USDNOK	19-07-18	13:32-15:30			8.24291	19-07-18 13:35	15829.74233	Other	NA	Electronic	8.2378	8.24291
USDNOK	19-07-18	15:32-17:30			8.24779	19-07-18 16:12	30780.05452	Other	NA	Electronic	8.24779	8.25336

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	20-07-18	11:32-13:30			8.2176	20-07-18 12:15	13191.45194	Other	NA	Electronic	8.2176	8.22274
USDNOK	23-07-18	09:32-11:30			8.15639	23-07-18 10:05	879.4301293	Other	NA	Electronic	8.15639	8.16144
USDNOK	23-07-18	13:32-15:30			8.16886	23-07-18 13:36	4397.150646	Other	NA	Electronic	8.16886	8.17401
USDNOK	23-07-18	15:32-17:30			8.18422	23-07-18 16:01	21985.75323	Other	NA	Electronic	8.17903	8.18422
USDNOK	24-07-18	09:32-11:30			8.17546	24-07-18 10:18	13191.45194	Other	NA	Electronic	8.17546	8.18059
USDNOK	24-07-18	13:32-15:30			8.15348	24-07-18 14:13	879.4301293	Other	NA	Electronic	8.15344	8.15855
USDNOK	24-07-18	15:32-17:30			8.18561	24-07-18 17:06	879.4301293	Other	NA	Electronic	8.18008	8.18561
USDNOK	25-07-18	09:32-11:30			8.16652	25-07-18 09:42	879.4301293	Other	NA	Electronic	8.16159	8.16652
USDNOK	25-07-18	11:32-13:30			8.16556	25-07-18 12:05	879.4301293	Other	NA	Electronic	8.16042	8.16556
USDNOK	25-07-18	13:32-15:30			8.16749	25-07-18 13:59	879.4301293	Other	NA	Electronic	8.12927	8.13543
USDNOK	26-07-18	09:32-11:30			8.14841	26-07-18 10:02	879.4301293	Other	NA	Electronic	8.14327	8.14841
USDNOK	26-07-18	11:32-13:30			8.15807	26-07-18 11:45	879.4301293	Other	NA	Electronic	8.13962	8.15807
USDNOK	26-07-18	13:30-13:32	8.17329	6156.010905								
USDNOK	26-07-18	15:30-15:32	8.17054	879.4301293								
USDNOK	27-07-18	11:32-13:30			8.18334	27-07-18 12:30	879.4301293	Other	NA	Electronic	8.18334	8.20179

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	27-07-18	13:32-15:30			8.17342	27-07-18 13:48	879.4301293	Other	NA	Electronic	8.17342	8.17856
USDNOK	27-07-18	15:32-17:30			8.18055	27-07-18 16:00	6156.010905	Other	NA	Electronic	8.18055	8.18583
USDNOK	30-07-18	09:32-11:30			8.15725	30-07-18 09:37	21985.75323	Other	NA	Electronic	8.15725	8.1621
USDNOK	30-07-18	13:32-15:30			8.14235	30-07-18 13:56	21985.75323	Other	NA	Electronic	8.13721	8.14235
USDNOK	30-07-18	15:32-17:30			8.13373	30-07-18 15:58	21985.75323	Other	NA	Electronic	8.13373	8.13883
USDNOK	31-07-18	11:32-13:30			8.14688	31-07-18 13:09	1758.860259	Other	NA	Electronic	8.14202	8.14688
USDNOK	01-08-18	11:32-13:30			8.15501	01-08-18 12:31	879.4301293	Other	NA	Electronic	8.15501	8.1601
USDNOK	02-08-18	09:32-11:30			8.2199	02-08-18 09:37	13191.45194	Other	NA	Electronic	8.2199	8.22424
USDNOK	02-08-18	11:32-13:30			8.2207	02-08-18 12:23	1758.860259	Other	NA	Electronic	8.21555	8.22068
USDNOK	03-08-18	09:32-11:30			8.24066	03-08-18 10:33	879.4301293	Other	NA	Electronic	8.24066	8.24573
USDNOK	06-08-18	11:32-13:30			8.25819	06-08-18 12:23	879.4301293	Other	NA	Electronic	8.25819	8.26336
USDNOK	07-08-18	11:32-13:30			8.19285	07-08-18 12:03	879.4301293	Other	NA	Electronic	8.1877	8.19285
USDNOK	07-08-18	15:32-17:30			8.19901	07-08-18 15:36	879.4301293	Other	NA	Electronic	8.19901	8.20415
USDNOK	08-08-18	11:32-13:30			8.22186	08-08-18 12:08	879.4301293	Other	NA	Electronic	8.21681	8.22186
USDNOK	09-08-18	15:32-17:30			8.28422	09-08-18 15:35	879.4301293	Other	NA	Electronic	8.27772	8.28422

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	10-08-18	11:32-13:30			8.34688	10-08-18 13:08	3517.720517	Other	NA	Electronic	8.34046	8.34688
USDNOK	10-08-18	13:32-15:30			8.34519	10-08-18 13:55	879.4301293	Other	NA	Electronic	8.34519	8.35193
USDNOK	10-08-18	15:32-17:30			8.35988	10-08-18 16:32	879.4301293	Other	NA	Electronic	8.35988	8.367
USDNOK	13-08-18	11:32-13:30			8.34666	13-08-18 13:04	879.4301293	Other	NA	Electronic	8.34666	8.35352
USDNOK	14-08-18	09:32-11:30			8.35774	14-08-18 10:31	879.4301293	Other	NA	Electronic	8.35092	8.35772
USDNOK	14-08-18	15:32-17:30			8.42228	14-08-18 17:08	1758.860259	Other	NA	Electronic	8.41565	8.42228
USDNOK	15-08-18	13:32-15:30			8.47224	15-08-18 13:55	879.4301293	Other	NA	Electronic	8.46545	8.47224
USDNOK	16-08-18	11:32-13:30			8.45176	16-08-18 12:09	879.4301293	Other	NA	Electronic	8.45176	8.45864
USDNOK	16-08-18	13:32-15:30			8.42598	16-08-18 14:10	879.4301293	Other	NA	Electronic	8.42598	8.43294
USDNOK	16-08-18	15:32-17:30			8.47509	16-08-18 16:12	879.4301293	Other	NA	Electronic	8.46905	8.47509
USDNOK	17-08-18	09:32-11:30			8.49178	17-08-18 11:07	2638.290388	Other	NA	Electronic	8.49176	8.49874
USDNOK	17-08-18	11:32-13:30			8.48273	17-08-18 12:59	879.4301293	Other	NA	Electronic	8.48273	8.48884
USDNOK	17-08-18	15:32-17:30			8.46638	17-08-18 15:56	879.4301293	Other	NA	Electronic	8.46638	8.47299
USDNOK	20-08-18	09:32-11:30			8.47465	20-08-18 10:26	879.4301293	Other	NA	Electronic	8.46754	8.47465
USDNOK	20-08-18	11:32-13:30			8.47815	20-08-18 11:32	26382.90388	Other	NA	Electronic	8.47155	8.47815

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	20-08-18	15:32-17:30			8.45987	20-08-18 17:00	2638.290388	Other	NA	Electronic	8.45326	8.45987
USDNOK	21-08-18	13:32-15:30			8.41682	21-08-18 14:10	879.4301293	Other	NA	Electronic	8.40996	8.41682
USDNOK	22-08-18	09:32-11:30			8.37843	22-08-18 09:39	3517.720517	Other	NA	Electronic	8.37153	8.37843
USDNOK	22-08-18	11:32-13:30			8.34182	22-08-18 12:37	879.4301293	Other	NA	Electronic	8.3351	8.34182
USDNOK	22-08-18	13:32-15:30			8.36056	22-08-18 13:54	3517.720517	Other	NA	Electronic	8.35366	8.36055
USDNOK	22-08-18	15:32-17:30			8.3507	22-08-18 15:38	1758.860259	Other	NA	Electronic	8.3507	8.35754
USDNOK	23-08-18	09:32-11:30			8.34243	23-08-18 10:46	3517.720517	Other	NA	Electronic	8.33548	8.34243
USDNOK	23-08-18	15:32-17:30			8.36696	23-08-18 16:01	3517.720517	Other	NA	Electronic	8.36696	8.37412
USDNOK	28-08-18	11:32-13:30			8.28866	28-08-18 13:08	879.4301293	Other	NA	Electronic	8.28838	8.29494
USDNOK	28-08-18	13:32-15:30			8.31124	28-08-18 13:48	13191.45194	Other	NA	Electronic	8.30508	8.31184
USDNOK	29-08-18	11:32-13:30			8.36902	29-08-18 12:39	1758.860259	Other	NA	Electronic	8.36256	8.36902
USDNOK	30-08-18	09:32-11:30			8.32118	30-08-18 09:39	879.4301293	Other	NA	Electronic	8.31587	8.32118
USDNOK	30-08-18	11:32-13:30			8.31527	30-08-18 12:19	879.4301293	Other	NA	Electronic	8.31065	8.31527
USDNOK	30-08-18	13:30-13:32	8.34449	879.4301293								
USDNOK	31-08-18	11:32-13:30			8.34963	31-08-18 13:01	879.4301293	Other	NA	Electronic	8.34963	8.3556

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	03-09-18	11:32-13:30			8.35631	03-09-18 13:13	879.4301293	Other	NA	Electronic	8.35631	8.36176
USDNOK	03-09-18	13:32-15:30			8.36483	03-09-18 13:40	879.4301293	Other	NA	Electronic	8.35864	8.36483
USDNOK	04-09-18	11:32-13:30			8.4062	04-09-18 12:39	879.4301293	Other	NA	Electronic	8.40019	8.4062
USDNOK	04-09-18	13:32-15:30			8.41674	04-09-18 13:53	879.4301293	Other	NA	Electronic	8.41076	8.41674
USDNOK	05-09-18	11:32-13:30			8.39855	05-09-18 13:23	879.4301293	Other	NA	Electronic	8.39241	8.39855
USDNOK	05-09-18	13:32-15:30			8.40641	05-09-18 15:09	879.4301293	Other	NA	Electronic	8.40641	8.4114
USDNOK	06-09-18	09:32-11:30			8.4082	06-09-18 10:45	21985.75323	Other	NA	Electronic	8.40283	8.4082
USDNOK	06-09-18	11:32-13:30			8.39814	06-09-18 12:08	879.4301293	Other	NA	Electronic	8.39814	8.40339
USDNOK	06-09-18	13:32-15:30			8.41376	06-09-18 13:35	8794.301293	Other	NA	Electronic	8.40848	8.41376
USDNOK	06-09-18	15:30-15:32	8.41956	52765.80776								
USDNOK	07-09-18	11:32-13:30			8.41071	07-09-18 12:13	1758.860259	Other	NA	Electronic	8.41071	8.41703
USDNOK	07-09-18	13:32-15:30			8.4248	07-09-18 15:01	879.4301293	Other	NA	Electronic	8.4248	8.43083
USDNOK	07-09-18	15:32-17:30			8.46003	07-09-18 16:29	1758.860259	Other	NA	Electronic	8.45312	8.46003
USDNOK	10-09-18	09:32-11:30			8.37391	10-09-18 10:24	879.4301293	Other	NA	Electronic	8.37391	8.38007
USDNOK	10-09-18	11:32-13:30			8.39059	10-09-18 12:04	879.4301293	Other	NA	Electronic	8.38481	8.39059

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	10-09-18	15:32-17:30			8.38031	10-09-18 16:26	1758.860259	Other	NA	Electronic	8.38031	8.38587
USDNOK	11-09-18	13:32-15:30			8.36073	11-09-18 13:46	8794.301293	Other	NA	Electronic	8.36073	8.36579
USDNOK	12-09-18	09:32-11:30			8.31109	12-09-18 10:19	4397.150646	Other	NA	Electronic	8.30603	8.31109
USDNOK	12-09-18	11:32-13:30			8.32354	12-09-18 11:56	879.4301293	Other	NA	Electronic	8.31791	8.32354
USDNOK	12-09-18	13:32-15:30			8.28538	12-09-18 14:03	879.4301293	Other	NA	Electronic	8.28538	8.29159
USDNOK	13-09-18	09:32-11:30			8.23828	13-09-18 11:00	2638.290388	Other	NA	Electronic	8.23133	8.23828
USDNOK	13-09-18	11:32-13:30			8.22909	13-09-18 12:30	2638.290388	Other	NA	Electronic	8.21531	8.22609
USDNOK	17-09-18	09:32-11:30			8.21528	17-09-18 09:45	879.4301293	Other	NA	Electronic	8.21521	8.22077
USDNOK	17-09-18	11:32-13:30			8.20432	17-09-18 11:35	879.4301293	Other	NA	Electronic	8.20432	8.20964
USDNOK	17-09-18	13:32-15:30			8.16461	17-09-18 14:40	17588.60259	Other	NA	Electronic	8.16461	8.16985
USDNOK	17-09-18	15:32-17:30			8.17506	17-09-18 15:50	8794.301293	Other	NA	Electronic	8.16962	8.1747
USDNOK	18-09-18	11:32-13:30			8.1545	18-09-18 12:00	4397.150646	Other	NA	Electronic	8.1545	8.15929
USDNOK	18-09-18	13:32-15:30			8.14281	18-09-18 13:35	17588.60259	Other	NA	Electronic	8.14281	8.14887
USDNOK	18-09-18	15:32-17:30			8.16954	18-09-18 16:49	4397.150646	Other	NA	Electronic	8.16415	8.16954
USDNOK	19-09-18	09:32-11:30			8.16217	19-09-18 09:38	879.4301293	Other	NA	Electronic	8.15661	8.16217

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	19-09-18	11:32-13:30			8.17661	19-09-18 12:27	1758.860259	Other	NA	Electronic	8.17661	8.1814
USDNOK	19-09-18	13:32-15:30			8.16527	19-09-18 13:48	879.4301293	Other	NA	Electronic	8.1594	8.16527
USDNOK	19-09-18	15:32-17:30			8.16019	19-09-18 16:39	7035.441034	Other	NA	Electronic	8.15511	8.16019
USDNOK	20-09-18	09:32-11:30			8.20549	20-09-18 10:21	3517.720517	Other	NA	Electronic	8.19973	8.20549
USDNOK	20-09-18	11:32-13:30			8.1499	20-09-18 11:56	1758.860259	Other	NA	Electronic	8.1499	8.15607
USDNOK	21-09-18	15:32-17:30			8.16049	21-09-18 15:40	879.4301293	Other	NA	Electronic	8.15467	8.16049
USDNOK	24-09-18	15:32-17:30			8.1377	24-09-18 16:59	879.4301293	Other	NA	Electronic	8.13161	8.1377
USDNOK	25-09-18	09:32-11:30			8.14279	25-09-18 10:33	879.4301293	Other	NA	Electronic	8.13793	8.14279
USDNOK	25-09-18	11:32-13:30			8.12949	25-09-18 12:56	879.4301293	Other	NA	Electronic	8.12481	8.12949
USDNOK	25-09-18	13:32-15:30			8.115	25-09-18 13:41	879.4301293	Other	NA	Electronic	8.1109	8.115
USDNOK	25-09-18	15:32-17:30			8.12815	25-09-18 16:33	879.4301293	Other	NA	Electronic	8.12212	8.12815
USDNOK	26-09-18	09:32-11:30			8.12139	26-09-18 10:48	879.4301293	Other	NA	Electronic	8.11623	8.12139
USDNOK	26-09-18	11:32-13:30			8.13021	26-09-18 12:10	879.4301293	Other	NA	Electronic	8.13021	8.13629
USDNOK	26-09-18	13:32-15:30			8.11609	26-09-18 15:10	1758.860259	Other	NA	Electronic	8.1115	8.11609
USDNOK	26-09-18	15:32-17:30			8.11115	26-09-18 15:46	1758.860259	Other	NA	Electronic	8.10593	8.11115



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK	27-09-18	13:32-15:30			8.13076	27-09-18 13:55	3517.720517	Other	NA	Electronic	8.12538	8.13072
USDNOK	27-09-18	15:32-17:30			8.13411	27-09-18 16:08	26382.90388	Other	NA	Electronic	8.13411	8.13913
USDNOK	28-09-18	09:32-11:30			8.18165	28-09-18 10:53	879.4301293	Other	NA	Electronic	8.17564	8.18165
USDNOK	28-09-18	11:32-13:30			8.16857	28-09-18 12:51	2638.290388	Other	NA	Electronic	8.16411	8.16857
USDNOK	28-09-18	13:32-15:30			8.14489	28-09-18 14:55	8794.301293	Other	NA	Electronic	8.14489	8.15028
USDNOK.	02-07-18	09:32-11:30			8.16117	02-07-18 10:31	4397.150646	Other	NA	Electronic	8.16117	8.1636
USDNOK.	03-07-18	11:32-13:30			8.13075	03-07-18 12:59	879.4301293	Other	NA	Electronic	8.13075	8.13318
USDNOK.	04-07-18	15:32-17:30			8.11102	04-07-18 16:31	2638.290388	Other	NA	Electronic	8.10825	8.11093
USDNOK.	05-07-18	11:32-13:30			8.06135	05-07-18 12:42	5276.580776	Other	NA	Electronic	8.05892	8.06135
USDNOK.	09-07-18	11:32-13:30			8.00812	09-07-18 13:12	879.4301293	Other	NA	Electronic	8.00812	8.01043
USDNOK.	09-07-18	13:32-15:30			8.01816	09-07-18 13:43	879.4301293	Other	NA	Electronic	8.01581	8.01816
USDNOK.	09-07-18	15:32-17:30			8.02952	09-07-18 17:10	879.4301293	Other	NA	Electronic	8.02668	8.02952
USDNOK.	10-07-18	13:32-15:30			8.04798	10-07-18 14:01	2638.290388	Other	NA	Electronic	8.04558	8.04798
USDNOK.	12-07-18	09:32-11:30			8.12243	12-07-18 11:01	2638.290388	Other	NA	Electronic	8.11955	8.12243
USDNOK.	13-07-18	13:32-15:30			8.1409	13-07-18 14:37	2638.290388	Other	NA	Electronic	8.1409	8.14329

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USDNOK.	17-07-18	11:32-13:30			8.11326	17-07-18 12:01	1758.860259	Other	NA	Electronic	8.11088	8.11326
USDNOK.	18-07-18	09:32-11:30			8.1688	18-07-18 09:35	4397.150646	Other	NA	Electronic	8.1689	8.1724
USDNOK.	18-07-18	11:32-13:30			8.18199	18-07-18 11:44	4397.150646	Other	NA	Electronic	8.17964	8.182
USDNOK.	18-07-18	13:32-15:30			8.195	18-07-18 13:53	4397.150646	Other	NA	Electronic	8.19255	8.195
USDNOK.	18-07-18	15:32-17:30			8.16588	18-07-18 16:06	1758.860259	Other	NA	Electronic	8.16333	8.16588
USDNOK.	19-07-18	09:32-11:30			8.25688	19-07-18 10:55	4397.150646	Other	NA	Electronic	8.25688	8.25934
USDNOK.	19-07-18	11:32-13:30			8.273	19-07-18 12:24	4397.150646	Other	NA	Electronic	8.27063	8.273
USDNOK.	19-07-18	13:32-15:30			8.23777	19-07-18 13:33	1758.860259	Other	NA	Electronic	8.23763	8.24051
USDNOK.	20-07-18	09:32-11:30			8.2093	20-07-18 10:00	1758.860259	Other	NA	Electronic	8.20957	8.21196
USDNOK.	30-07-18	15:32-17:30			8.1426	30-07-18 16:17	4397.150646	Other	NA	Electronic	8.13992	8.1426
USDNOK.	31-07-18	09:32-11:30			8.119	31-07-18 11:01	3517.720517	Other	NA	Electronic	8.11923	8.12149
USDNOK.	31-07-18	11:32-13:30			8.14411	31-07-18 13:05	3517.720517	Other	NA	Electronic	8.14171	8.14411
USDNOK.	01-08-18	09:32-11:30			8.16094	01-08-18 10:19	4397.150646	Other	NA	Electronic	8.16094	8.16328
USDNOK.	01-08-18	13:32-15:30			8.17416	01-08-18 15:13	4397.150646	Other	NA	Electronic	8.17174	8.17416
USDNOK.	02-08-18	11:32-13:30			8.21249	02-08-18 13:12	4397.150646	Other	NA	Electronic	8.21249	8.21458

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK.	02-08-18	13:32-15:30			8.22849	02-08-18 14:40	4397.150646	Other	NA	Electronic	8.22596	8.22849
USDNOK.	03-08-18	09:32-11:30			8.24301	03-08-18 09:39	4397.150646	Other	NA	Electronic	8.24301	8.24536
USDNOK.	06-08-18	09:32-11:30			8.25787	06-08-18 10:56	3517.720517	Other	NA	Electronic	8.25787	8.2604
USDNOK.	06-08-18	11:32-13:30			8.25475	06-08-18 13:25	879.4301293	Other	NA	Electronic	8.25475	8.25721
USDNOK.	06-08-18	13:32-15:30			8.24746	06-08-18 14:10	879.4301293	Other	NA	Electronic	8.24535	8.24746
USDNOK.	08-08-18	11:32-13:30			8.22746	08-08-18 11:56	3517.720517	Other	NA	Electronic	8.22513	8.22746
USDNOK.	09-08-18	09:32-11:30			8.23507	09-08-18 10:52	2638.290388	Other	NA	Electronic	8.23097	8.23507
USDNOK.	09-08-18	15:32-17:30			8.29011	09-08-18 16:23	2638.290388	Other	NA	Electronic	8.29011	8.29389
USDNOK.	13-08-18	09:32-11:30			8.38309	13-08-18 09:57	4397.150646	Other	NA	Electronic	8.37924	8.38309
USDNOK.	27-08-18	09:32-11:30			8.35815	27-08-18 11:03	879.4301293	Other	NA	Electronic	8.35383	8.35815
USDNOK.	30-08-18	09:32-11:30			8.31171	30-08-18 09:57	879.4301293	Other	NA	Electronic	8.31171	8.31604
USDNOK.	07-09-18	11:32-13:30			8.42411	07-09-18 12:35	879.4301293	Other	NA	Electronic	8.42411	8.42875
USDNOK.	07-09-18	15:32-17:30			8.45341	07-09-18 16:29	2638.290388	Other	NA	Electronic	8.45341	8.45689
USDNOK.	12-09-18	09:32-11:30			8.31439	12-09-18 09:39	2638.290388	Other	NA	Electronic	8.31011	8.31439
USDNOK.	12-09-18	13:32-15:30			8.2886	12-09-18 14:01	879.4301293	Other	NA	Electronic	8.2886	8.2932

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOK.	13-09-18	13:32-15:30			8.20439	13-09-18 13:47	879.4301293	Other	NA	Electronic	8.19993	8.20439
USDNOK.	14-09-18	13:32-15:30			8.26013	14-09-18 14:33	1758.860259	Other	NA	Electronic	8.26013	8.26445
USDNOK.	17-09-18	09:32-11:30			8.2189	17-09-18 10:31	1758.860259	Other	NA	Electronic	8.21471	8.2189
USDNOK.	17-09-18	11:32-13:30			8.19978	17-09-18 12:17	1758.860259	Other	NA	Electronic	8.19519	8.19978
USDNOK.	17-09-18	15:32-17:30			8.17137	17-09-18 16:27	45730.36672	Other	NA	Electronic	8.1671	8.17137
USDNOK.	18-09-18	13:32-15:30			8.15243	18-09-18 14:37	54524.66802	Other	NA	Electronic	8.15243	8.15657
USDNOK.	18-09-18	15:32-17:30			8.16752	18-09-18 16:45	8794.301293	Other	NA	Electronic	8.16313	8.16752
USDNOK.	19-09-18	09:32-11:30			8.16499	19-09-18 10:05	879.4301293	Other	NA	Electronic	8.16093	8.16499
USDNOK.	19-09-18	11:32-13:30			8.17757	19-09-18 12:56	879.4301293	Other	NA	Electronic	8.17343	8.17757
USDNOK.	19-09-18	13:32-15:30			8.15411	19-09-18 13:49	879.4301293	Other	NA	Electronic	8.15411	8.15839
USDNOK.	20-09-18	11:32-13:30			8.165	20-09-18 11:36	879.4301293	Other	NA	Electronic	8.16029	8.165
USDNOK.	20-09-18	13:32-15:30			8.15613	20-09-18 13:39	879.4301293	Other	NA	Electronic	8.15171	8.15613
USDNOKmi-cro	02-07-18	09:32-11:30			8.16484	02-07-18 10:25	439.7150646	Other	NA	Electronic	8.16484	8.16989
USDNOKmi-cro	02-07-18	13:32-15:30			8.18678	02-07-18 15:10	439.7150646	Other	NA	Electronic	8.18678	8.19194
USDNOKmi-cro	02-07-18	15:32-17:30			8.18837	02-07-18 16:26	439.7150646	Other	NA	Electronic	8.18837	8.19351

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	03-07-18	09:32-11:30			8.12829	03-07-18 09:37	879.4301293	Other	NA	Electronic	8.12829	8.13332
USDNOKmicro	03-07-18	11:32-13:30			8.11346	03-07-18 11:51	70.35441034	Other	NA	Electronic	8.11346	8.11834
USDNOKmicro	03-07-18	13:32-15:30			8.13708	03-07-18 13:39	87.94301293	Other	NA	Electronic	8.13203	8.13708
USDNOKmicro	03-07-18	15:32-17:30			8.13629	03-07-18 16:01	8.794301293	Other	NA	Electronic	8.13638	8.1417
USDNOKmicro	04-07-18	09:32-11:30			8.12465	04-07-18 09:47	175.8860259	Other	NA	Electronic	8.11963	8.12465
USDNOKmicro	04-07-18	13:32-15:30			8.10479	04-07-18 13:56	879.4301293	Other	NA	Electronic	8.09941	8.10479
USDNOKmicro	04-07-18	15:32-17:30			8.10664	04-07-18 17:13	4397.150646	Other	NA	Electronic	8.09988	8.10664
USDNOKmicro	05-07-18	09:32-11:30			8.0793	05-07-18 09:49	87.94301293	Other	NA	Electronic	8.07416	8.0793
USDNOKmicro	05-07-18	11:32-13:30			8.06344	05-07-18 13:12	395.7435582	Other	NA	Electronic	8.05848	8.06344
USDNOKmicro	05-07-18	13:32-15:30			8.0456	05-07-18 13:53	8794.301293	Other	NA	Electronic	8.04047	8.0456
USDNOKmicro	05-07-18	15:32-17:30			8.05987	05-07-18 17:21	8.794301293	Other	NA	Electronic	8.05432	8.05987
USDNOKmicro	06-07-18	09:32-11:30			8.05938	06-07-18 10:01	791.4871163	Other	NA	Electronic	8.05417	8.05938
USDNOKmicro	06-07-18	11:32-13:30			8.03638	06-07-18 12:35	1758.860259	Other	NA	Electronic	8.03638	8.04181
USDNOKmicro	06-07-18	13:32-15:30			8.03396	06-07-18 13:42	87.94301293	Other	NA	Electronic	8.02851	8.03396
USDNOKmicro	06-07-18	15:32-17:30			8.02754	06-07-18 16:59	4836.865711	Other	NA	Electronic	8.02754	8.03289

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USDNOKmicro	09-07-18	09:32-11:30			7.9962	09-07-18 10:30	439.7150646	Other	NA	Electronic	7.99112	7.9962
USDNOKmicro	09-07-18	11:32-13:30			7.98987	09-07-18 11:42	175.8860259	Other	NA	Electronic	7.98987	7.995
USDNOKmicro	09-07-18	13:32-15:30			8.01402	09-07-18 13:56	87.94301293	Other	NA	Electronic	8.01402	8.01915
USDNOKmicro	09-07-18	15:32-17:30			8.01927	09-07-18 15:48	96.73731422	Other	NA	Electronic	8.01419	8.01927
USDNOKmicro	10-07-18	09:32-11:30			8.03746	10-07-18 10:21	879.4301293	Other	NA	Electronic	8.03232	8.03746
USDNOKmicro	10-07-18	13:32-15:30			8.05483	10-07-18 14:36	219.8575323	Other	NA	Electronic	8.04973	8.05483
USDNOKmicro	10-07-18	15:32-17:30			8.03735	10-07-18 16:03	8.794301293	Other	NA	Electronic	8.03735	8.04251
USDNOKmicro	11-07-18	09:32-11:30			8.06062	11-07-18 10:38	492.4808724	Other	NA	Electronic	8.115	8.12613
USDNOKmicro	11-07-18	11:32-13:30			8.07194	11-07-18 11:54	175.8860259	Other	NA	Electronic	8.06651	8.07194
USDNOKmicro	11-07-18	13:32-15:30			8.03431	11-07-18 13:42	175.8860259	Other	NA	Electronic	8.03431	8.03944
USDNOKmicro	11-07-18	15:32-17:30			8.06078	11-07-18 15:34	263.8290388	Other	NA	Electronic	8.06078	8.06671
USDNOKmicro	12-07-18	11:32-13:30			8.11284	12-07-18 11:41	1758.860259	Other	NA	Electronic	8.11284	8.11794
USDNOKmicro	13-07-18	09:32-11:30			8.15915	13-07-18 09:33	2638.290388	Other	NA	Electronic	8.15915	8.1643
USDNOKmicro	13-07-18	11:32-13:30			8.15449	13-07-18 13:01	879.4301293	Other	NA	Electronic	8.14934	8.15449
USDNOKmicro	13-07-18	13:32-15:30			8.1388	13-07-18 14:30	8794.301293	Other	NA	Electronic	8.1388	8.14395

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USDNOKmicro	13-07-18	15:32-17:30			8.12855	13-07-18 16:00	879.4301293	Other	NA	Electronic	8.12855	8.13377
USDNOKmicro	16-07-18	09:32-11:30			8.09135	16-07-18 11:13	879.4301293	Other	NA	Electronic	8.08655	8.09135
USDNOKmicro	16-07-18	11:32-13:30			8.09733	16-07-18 12:32	879.4301293	Other	NA	Electronic	8.09225	8.09752
USDNOKmicro	16-07-18	13:32-15:30			8.10513	16-07-18 13:38	87.94301293	Other	NA	Electronic	8.09999	8.10513
USDNOKmicro	16-07-18	15:32-17:30			8.10773	16-07-18 16:26	175.8860259	Other	NA	Electronic	8.10249	8.10773
USDNOKmicro	17-07-18	09:32-11:30			8.08715	17-07-18 09:39	879.4301293	Other	NA	Electronic	8.08215	8.08715
USDNOKmicro	17-07-18	11:32-13:30			8.097	17-07-18 11:50	263.8290388	Other	NA	Electronic	8.097	8.10214
USDNOKmicro	17-07-18	13:32-15:30			8.12726	17-07-18 13:59	2057.866503	Other	NA	Electronic	8.12213	8.12726
USDNOKmicro	17-07-18	15:32-17:30			8.14058	17-07-18 15:59	87.94301293	Other	NA	Electronic	8.13543	8.14058
USDNOKmicro	18-07-18	11:32-13:30			8.18862	18-07-18 11:51	879.4301293	Other	NA	Electronic	8.18359	8.18862
USDNOKmicro	18-07-18	13:32-15:30			8.18462	18-07-18 14:19	87.94301293	Other	NA	Electronic	8.18462	8.18975
USDNOKmicro	18-07-18	15:32-17:30			8.1827	18-07-18 15:42	26.38290388	Other	NA	Electronic	8.17765	8.1827
USDNOKmicro	19-07-18	09:30-09:32	8.23947	3473.749011								
USDNOKmicro	19-07-18	11:32-13:30			8.24761	19-07-18 11:52	3078.005452	Other	NA	Electronic	8.24761	8.25277
USDNOKmicro	19-07-18	13:32-15:30			8.24199	19-07-18 14:23	35.17720517	Other	NA	Electronic	8.23692	8.24199

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USDNOKmicro	19-07-18	15:32-17:30			8.26137	19-07-18 15:57	571.629584	Other	NA	Electronic	8.25621	8.26137
USDNOKmicro	20-07-18	09:32-11:30			8.21253	20-07-18 10:04	879.4301293	Other	NA	Electronic	8.21253	8.21768
USDNOKmicro	20-07-18	11:32-13:30			8.21325	20-07-18 12:50	879.4301293	Other	NA	Electronic	8.20837	8.21325
USDNOKmicro	20-07-18	13:30-13:32	8.18888	888.2244306								
USDNOKmicro	23-07-18	09:32-11:30			8.15792	23-07-18 10:06	7035.441034	Other	NA	Electronic	8.15792	8.16303
USDNOKmicro	23-07-18	11:32-13:30			8.15071	23-07-18 11:59	967.3731422	Other	NA	Electronic	8.15055	8.15561
USDNOKmicro	23-07-18	15:32-17:30			8.18691	23-07-18 17:04	8.794301293	Other	NA	Electronic	8.18691	8.19246
USDNOKmicro	24-07-18	09:32-11:30			8.18092	24-07-18 10:13	879.4301293	Other	NA	Electronic	8.17581	8.18092
USDNOKmicro	24-07-18	11:32-13:30			8.16954	24-07-18 11:43	3517.720517	Other	NA	Electronic	8.16446	8.16954
USDNOKmicro	24-07-18	13:32-15:30			8.17246	24-07-18 15:16	263.8290388	Other	NA	Electronic	8.17246	8.17756
USDNOKmicro	24-07-18	15:32-17:30			8.17642	24-07-18 16:02	263.8290388	Other	NA	Electronic	8.17641	8.18166
USDNOKmicro	25-07-18	09:32-11:30			8.16222	25-07-18 09:44	87.94301293	Other	NA	Electronic	8.16222	8.16723
USDNOKmicro	25-07-18	11:32-13:30			8.1549	25-07-18 13:05	879.4301293	Other	NA	Electronic	8.1549	8.15989
USDNOKmicro	25-07-18	13:32-15:30			8.1668	25-07-18 13:59	3517.720517	Other	NA	Electronic	8.1668	8.17135
USDNOKmicro	26-07-18	09:32-11:30			8.15243	26-07-18 09:34	879.4301293	Other	NA	Electronic	8.14747	8.15243



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	26-07-18	11:32-13:30			8.15148	26-07-18 11:55	87.94301293	Other	NA	Electronic	8.15179	8.15647
USDNOKmicro	26-07-18	15:32-17:30			8.16991	26-07-18 15:32	1319.145194	Other	NA	Electronic	8.16991	8.17498
USDNOKmicro	27-07-18	09:32-11:30			8.2097	27-07-18 09:37	1028.933251	Other	NA	Electronic	8.20455	8.2097
USDNOKmicro	27-07-18	11:30-11:32	8.20291	8.794301293								
USDNOKmicro	27-07-18	13:32-15:30			8.17248	27-07-18 14:16	879.4301293	Other	NA	Electronic	8.16746	8.17248
USDNOKmicro	30-07-18	09:32-11:30			8.1638	30-07-18 09:45	17.58860259	Other	NA	Electronic	8.15866	8.1638
USDNOKmicro	30-07-18	11:32-13:30			8.16117	30-07-18 12:03	879.4301293	Other	NA	Electronic	8.15603	8.16117
USDNOKmicro	30-07-18	13:32-15:30			8.13681	30-07-18 13:57	879.4301293	Other	NA	Electronic	8.13681	8.14171
USDNOKmicro	31-07-18	09:32-11:30			8.12878	31-07-18 10:07	175.8860259	Other	NA	Electronic	8.12369	8.12878
USDNOKmicro	31-07-18	11:32-13:30			8.1212	31-07-18 12:15	879.4301293	Other	NA	Electronic	8.1212	8.12615
USDNOKmicro	31-07-18	13:32-15:30			8.14202	31-07-18 13:32	8794.301293	Other	NA	Electronic	8.14202	8.14696
USDNOKmicro	31-07-18	15:32-17:30			8.1479	31-07-18 15:45	448.5093659	Other	NA	Electronic	8.1479	8.15258
USDNOKmicro	01-08-18	09:32-11:30			8.17044	01-08-18 09:43	79.14871163	Other	NA	Electronic	8.1653	8.17044
USDNOKmicro	01-08-18	11:32-13:30			8.1667	01-08-18 11:53	131.9145194	Other	NA	Electronic	8.16172	8.1667
USDNOKmicro	01-08-18	13:32-15:30			8.16863	01-08-18 15:18	8.794301293	Other	NA	Electronic	8.16863	8.17376

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	01-08-18	15:32-17:30			8.17823	01-08-18 16:20	87.94301293	Other	NA	Electronic	8.17322	8.17823
USDNOKmicro	02-08-18	11:32-13:30			8.22071	02-08-18 11:47	8.794301293	Other	NA	Electronic	8.21549	8.22043
USDNOKmicro	02-08-18	13:32-15:30			8.21487	02-08-18 14:12	3517.720517	Other	NA	Electronic	8.21487	8.22003
USDNOKmicro	02-08-18	15:32-17:30			8.22177	02-08-18 17:13	87.94301293	Other	NA	Electronic	8.22177	8.22734
USDNOKmicro	03-08-18	09:32-11:30			8.24752	03-08-18 09:48	131.9145194	Other	NA	Electronic	8.2424	8.24752
USDNOKmicro	03-08-18	11:32-13:30			8.2194	03-08-18 11:36	87.94301293	Other	NA	Electronic	8.21427	8.2194
USDNOKmicro	03-08-18	13:32-15:30			8.2363	03-08-18 13:54	175.8860259	Other	NA	Electronic	8.2363	8.24118
USDNOKmicro	03-08-18	15:32-17:30			8.24376	03-08-18 16:35	26.38290388	Other	NA	Electronic	8.23856	8.24376
USDNOKmicro	06-08-18	09:32-11:30			8.24933	06-08-18 10:01	87.94301293	Other	NA	Electronic	8.24417	8.24933
USDNOKmicro	06-08-18	11:32-13:30			8.25895	06-08-18 12:28	263.8290388	Other	NA	Electronic	8.25895	8.26393
USDNOKmicro	06-08-18	13:32-15:30			8.24659	06-08-18 14:44	879.4301293	Other	NA	Electronic	8.2415	8.24665
USDNOKmicro	06-08-18	15:32-17:30			8.23449	06-08-18 16:29	351.7720517	Other	NA	Electronic	8.23449	8.23977
USDNOKmicro	07-08-18	09:32-11:30			8.20006	07-08-18 10:11	923.4016357	Other	NA	Electronic	8.20006	8.20514
USDNOKmicro	07-08-18	11:32-13:30			8.19268	07-08-18 12:07	17.58860259	Other	NA	Electronic	8.18753	8.19268
USDNOKmicro	07-08-18	13:32-15:30			8.19706	07-08-18 14:12	87.94301293	Other	NA	Electronic	8.19694	8.2018

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	07-08-18	15:32-17:30			8.19239	07-08-18 16:08	369.3606543	Other	NA	Electronic	8.19239	8.19764
USDNOKmicro	08-08-18	09:32-11:30			8.20543	08-08-18 09:56	26.38290388	Other	NA	Electronic	8.20543	8.21058
USDNOKmicro	08-08-18	11:32-13:30			8.22339	08-08-18 11:57	8.794301293	Other	NA	Electronic	8.22339	8.22832
USDNOKmicro	08-08-18	13:32-15:30			8.22959	08-08-18 14:32	87.94301293	Other	NA	Electronic	8.22293	8.22959
USDNOKmicro	08-08-18	15:32-17:30			8.22567	08-08-18 15:44	879.4301293	Other	NA	Electronic	8.22567	8.2321
USDNOKmicro	09-08-18	11:32-13:30			8.23174	09-08-18 12:34	219.8575323	Other	NA	Electronic	8.22496	8.23174
USDNOKmicro	09-08-18	13:32-15:30			8.23707	09-08-18 14:11	87.94301293	Other	NA	Electronic	8.23707	8.24412
USDNOKmicro	09-08-18	15:32-17:30			8.29139	09-08-18 16:01	87.94301293	Other	NA	Electronic	8.28446	8.29139
USDNOKmicro	10-08-18	09:32-11:30			8.32924	10-08-18 10:19	439.7150646	Other	NA	Electronic	8.32242	8.32924
USDNOKmicro	10-08-18	11:32-13:30			8.32643	10-08-18 11:38	87.94301293	Other	NA	Electronic	8.32643	8.33324
USDNOKmicro	10-08-18	15:32-17:30			8.3646	10-08-18 15:53	439.7150646	Other	NA	Electronic	8.3646	8.3713
USDNOKmicro	13-08-18	09:32-11:30			8.37307	13-08-18 10:31	879.4301293	Other	NA	Electronic	8.37307	8.37984
USDNOKmicro	13-08-18	11:32-13:30			8.3593	13-08-18 11:57	87.94301293	Other	NA	Electronic	8.35222	8.3593
USDNOKmicro	13-08-18	13:32-15:30			8.34546	13-08-18 14:08	2286.518336	Other	NA	Electronic	8.34546	8.35262
USDNOKmicro	13-08-18	15:32-17:30			8.36678	13-08-18 15:43	439.7150646	Other	NA	Electronic	8.36678	8.37375

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	14-08-18	09:32-11:30			8.35396	14-08-18 09:38	439.7150646	Other	NA	Electronic	8.35396	8.36072
USDNOKmicro	14-08-18	11:32-13:30			8.36337	14-08-18 13:02	175.8860259	Other	NA	Electronic	8.35666	8.36337
USDNOKmicro	14-08-18	13:32-15:30			8.38335	14-08-18 14:57	439.7150646	Other	NA	Electronic	8.37628	8.38335
USDNOKmicro	14-08-18	15:32-17:30			8.41047	14-08-18 16:55	439.7150646	Other	NA	Electronic	8.41047	8.41754
USDNOKmicro	15-08-18	13:32-15:30			8.45404	15-08-18 13:44	703.5441034	Other	NA	Electronic	8.44736	8.45404
USDNOKmicro	15-08-18	15:32-17:30			8.48042	15-08-18 15:38	17.58860259	Other	NA	Electronic	8.48042	8.48733
USDNOKmicro	16-08-18	09:32-11:30			8.46117	16-08-18 10:47	879.4301293	Other	NA	Electronic	8.46117	8.46794
USDNOKmicro	16-08-18	13:32-15:30			8.44624	16-08-18 14:41	263.8290388	Other	NA	Electronic	8.43946	8.44624
USDNOKmicro	16-08-18	15:32-17:30			8.45826	16-08-18 15:59	43.97150646	Other	NA	Electronic	8.45826	8.46552
USDNOKmicro	17-08-18	09:32-11:30			8.48407	17-08-18 10:03	202.2689297	Other	NA	Electronic	8.48407	8.49106
USDNOKmicro	17-08-18	13:32-15:30			8.47792	17-08-18 14:06	87.94301293	Other	NA	Electronic	8.47096	8.47792
USDNOKmicro	17-08-18	15:32-17:30			8.46346	17-08-18 16:17	87.94301293	Other	NA	Electronic	8.46346	8.47054
USDNOKmicro	20-08-18	09:32-11:30			8.46746	20-08-18 10:53	87.94301293	Other	NA	Electronic	8.46746	8.47412
USDNOKmicro	20-08-18	11:32-13:30			8.46898	20-08-18 12:41	87.94301293	Other	NA	Electronic	8.46898	8.47572
USDNOKmicro	21-08-18	09:32-11:30			8.42346	21-08-18 10:41	879.4301293	Other	NA	Electronic	8.42346	8.43036

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	21-08-18	11:32-13:30			8.42486	21-08-18 11:59	87.94301293	Other	NA	Electronic	8.42486	8.4318
USDNOKmicro	21-08-18	13:32-15:30			8.42202	21-08-18 14:24	87.94301293	Other	NA	Electronic	8.41475	8.42202
USDNOKmicro	21-08-18	15:32-17:30			8.4036	21-08-18 17:02	1758.860259	Other	NA	Electronic	8.4036	8.41054
USDNOKmicro	22-08-18	09:32-11:30			8.37152	22-08-18 09:39	26.38290388	Other	NA	Electronic	8.37152	8.37844
USDNOKmicro	22-08-18	11:32-13:30			8.34845	22-08-18 11:44	17.58860259	Other	NA	Electronic	8.34845	8.3554
USDNOKmicro	22-08-18	13:32-15:30			8.34936	22-08-18 13:49	87.94301293	Other	NA	Electronic	8.34936	8.35618
USDNOKmicro	23-08-18	09:32-11:30			8.34312	23-08-18 10:22	87.94301293	Other	NA	Electronic	8.33622	8.34312
USDNOKmicro	23-08-18	11:32-13:30			8.35326	23-08-18 13:16	2638.290388	Other	NA	Electronic	8.34634	8.35326
USDNOKmicro	23-08-18	13:32-15:30			8.35225	23-08-18 14:13	87.94301293	Other	NA	Electronic	8.35225	8.35904
USDNOKmicro	23-08-18	15:32-17:30			8.38002	23-08-18 16:22	105.5316155	Other	NA	Electronic	8.37308	8.38002
USDNOKmicro	24-08-18	11:32-13:30			8.36688	24-08-18 13:03	879.4301293	Other	NA	Electronic	8.36066	8.36688
USDNOKmicro	24-08-18	13:32-15:30			8.33232	24-08-18 14:04	140.7088207	Other	NA	Electronic	8.33232	8.33955
USDNOKmicro	24-08-18	15:32-17:30			8.34133	24-08-18 16:57	17.58860259	Other	NA	Electronic	8.33442	8.34133
USDNOKmicro	27-08-18	11:32-13:30			8.34371	27-08-18 12:31	879.4301293	Other	NA	Electronic	8.33656	8.34371
USDNOKmicro	27-08-18	13:32-15:30			8.32342	27-08-18 14:23	4397.150646	Other	NA	Electronic	8.32342	8.33054

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	28-08-18	09:32-11:30			8.31139	28-08-18 11:09	219.8575323	Other	NA	Electronic	8.31139	8.31794
USDNOKmicro	28-08-18	11:32-13:30			8.29769	28-08-18 12:01	439.7150646	Other	NA	Electronic	8.29769	8.30457
USDNOKmicro	28-08-18	13:32-15:30			8.31192	28-08-18 14:06	3517.720517	Other	NA	Electronic	8.30538	8.31192
USDNOKmicro	28-08-18	15:32-17:30			8.32706	28-08-18 16:43	87.94301293	Other	NA	Electronic	8.32706	8.33439
USDNOKmicro	29-08-18	11:32-13:30			8.35772	29-08-18 12:27	8.794301293	Other	NA	Electronic	8.35772	8.36414
USDNOKmicro	29-08-18	13:32-15:30			8.3471	29-08-18 14:20	87.94301293	Other	NA	Electronic	8.3471	8.35391
USDNOKmicro	29-08-18	15:32-17:30			8.33935	29-08-18 17:02	87.94301293	Other	NA	Electronic	8.33277	8.33935
USDNOKmicro	30-08-18	09:32-11:30			8.31927	30-08-18 09:49	175.8860259	Other	NA	Electronic	8.31334	8.31927
USDNOKmicro	30-08-18	11:32-13:30			8.31641	30-08-18 12:42	140.7088207	Other	NA	Electronic	8.31051	8.31641
USDNOKmicro	30-08-18	13:32-15:30			8.34183	30-08-18 13:35	96.73731422	Other	NA	Electronic	8.34183	8.348
USDNOKmicro	31-08-18	11:32-13:30			8.344	31-08-18 11:36	87.94301293	Other	NA	Electronic	8.344	8.35002
USDNOKmicro	31-08-18	13:32-15:30			8.34039	31-08-18 14:15	96.73731422	Other	NA	Electronic	8.33426	8.34039
USDNOKmicro	31-08-18	15:32-17:30			8.38735	31-08-18 15:41	879.4301293	Other	NA	Electronic	8.38254	8.38735
USDNOKmicro	03-09-18	09:32-11:30			8.36667	03-09-18 10:05	26.38290388	Other	NA	Electronic	8.36145	8.36667
USDNOKmicro	03-09-18	11:32-13:30			8.3531	03-09-18 11:34	87.94301293	Other	NA	Electronic	8.3531	8.35917

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	03-09-18	13:32-15:30			8.35444	03-09-18 14:54	8.794301293	Other	NA	Electronic	8.3491	8.35444
USDNOKmicro	04-09-18	09:32-11:30			8.40529	04-09-18 09:52	87.94301293	Other	NA	Electronic	8.39941	8.40529
USDNOKmicro	05-09-18	09:32-11:30			8.41369	05-09-18 10:02	43.97150646	Other	NA	Electronic	8.40761	8.41369
USDNOKmicro	05-09-18	11:32-13:30			8.39839	05-09-18 11:40	8.794301293	Other	NA	Electronic	8.39839	8.4046
USDNOKmicro	05-09-18	13:32-15:30			8.42611	05-09-18 14:26	263.8290388	Other	NA	Electronic	8.42057	8.42611
USDNOKmicro	05-09-18	15:32-17:30			8.41213	05-09-18 15:32	439.7150646	Other	NA	Electronic	8.41213	8.41739
USDNOKmicro	06-09-18	13:32-15:30			8.41918	06-09-18 14:14	351.7720517	Other	NA	Electronic	8.4132	8.41935
USDNOKmicro	06-09-18	15:32-17:30			8.42757	06-09-18 16:45	527.6580776	Other	NA	Electronic	8.42757	8.43308
USDNOKmicro	07-09-18	09:32-11:30			8.41379	07-09-18 09:42	844.2529241	Other	NA	Electronic	8.40881	8.41379
USDNOKmicro	07-09-18	11:32-13:30			8.41601	07-09-18 11:38	2638.290388	Other	NA	Electronic	8.41601	8.42089
USDNOKmicro	07-09-18	13:32-15:30			8.42653	07-09-18 14:54	87.94301293	Other	NA	Electronic	8.42653	8.43294
USDNOKmicro	07-09-18	15:32-17:30			8.42676	07-09-18 15:37	87.94301293	Other	NA	Electronic	8.42676	8.43169
USDNOKmicro	10-09-18	09:32-11:30			8.38715	10-09-18 09:53	879.4301293	Other	NA	Electronic	8.38177	8.38715
USDNOKmicro	10-09-18	11:32-13:30			8.38011	10-09-18 11:51	131.9145194	Other	NA	Electronic	8.38011	8.38629
USDNOKmicro	10-09-18	13:32-15:30			8.37011	10-09-18 14:00	87.94301293	Other	NA	Electronic	8.37011	8.37539

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	10-09-18	15:32-17:30			8.38127	10-09-18 16:14	984.9617448	Other	NA	Electronic	8.37582	8.38127
USDNOKmicro	11-09-18	13:32-15:30			8.35232	11-09-18 14:14	263.8290388	Other	NA	Electronic	8.34643	8.35232
USDNOKmicro	11-09-18	15:32-17:30			8.3471	11-09-18 16:05	87.94301293	Other	NA	Electronic	8.34173	8.3471
USDNOKmicro	12-09-18	09:32-11:30			8.30318	12-09-18 09:41	8.794301293	Other	NA	Electronic	8.30318	8.30909
USDNOKmicro	12-09-18	11:32-13:30			8.31179	12-09-18 12:34	87.94301293	Other	NA	Electronic	8.30681	8.31179
USDNOKmicro	12-09-18	13:32-15:30			8.26315	12-09-18 14:20	61.56010905	Other	NA	Electronic	8.26315	8.2692
USDNOKmicro	12-09-18	15:32-17:30			8.24945	12-09-18 17:27	879.4301293	Other	NA	Electronic	8.24325	8.24945
USDNOKmicro	13-09-18	11:32-13:30			8.19982	13-09-18 12:49	175.8860259	Other	NA	Electronic	8.19982	8.20599
USDNOKmicro	13-09-18	13:32-15:30			8.20663	13-09-18 13:47	87.94301293	Other	NA	Electronic	8.20029	8.20663
USDNOKmicro	14-09-18	09:32-11:30			8.21589	14-09-18 09:33	1758.860259	Other	NA	Electronic	8.21589	8.22127
USDNOKmicro	14-09-18	11:32-13:30			8.22706	14-09-18 12:17	87.94301293	Other	NA	Electronic	8.22706	8.23348
USDNOKmicro	14-09-18	13:32-15:30			8.26023	14-09-18 14:33	175.8860259	Other	NA	Electronic	8.26023	8.26549
USDNOKmicro	17-09-18	11:32-13:30			8.19657	17-09-18 12:09	219.8575323	Other	NA	Electronic	8.19141	8.19657
USDNOKmicro	17-09-18	15:32-17:30			8.16833	17-09-18 16:48	879.4301293	Other	NA	Electronic	8.16833	8.17437
USDNOKmicro	18-09-18	13:32-15:30			8.15599	18-09-18 15:00	175.8860259	Other	NA	Electronic	8.15021	8.15599



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	18-09-18	15:32-17:30			8.1537	18-09-18 16:08	184.6803271	Other	NA	Electronic	8.14927	8.1537
USDNOKmicro	19-09-18	15:32-17:30			8.15491	19-09-18 16:31	8.794301293	Other	NA	Electronic	8.15491	8.16073
USDNOKmicro	20-09-18	09:32-11:30			8.20007	20-09-18 09:55	175.8860259	Other	NA	Electronic	8.19441	8.20007
USDNOKmicro	20-09-18	11:32-13:30			8.17001	20-09-18 11:32	175.8860259	Other	NA	Electronic	8.16446	8.17001
USDNOKmicro	20-09-18	13:32-15:30			8.15253	20-09-18 15:11	791.4871163	Other	NA	Electronic	8.15253	8.15839
USDNOKmicro	20-09-18	15:32-17:30			8.16109	20-09-18 16:49	791.4871163	Other	NA	Electronic	8.15498	8.16109
USDNOKmicro	21-09-18	11:32-13:30			8.14181	21-09-18 12:29	87.94301293	Other	NA	Electronic	8.14181	8.14699
USDNOKmicro	21-09-18	15:32-17:30			8.1608	21-09-18 15:38	263.8290388	Other	NA	Electronic	8.1559	8.1608
USDNOKmicro	24-09-18	09:32-11:30			8.1244	24-09-18 09:42	879.4301293	Other	NA	Electronic	8.11951	8.1244
USDNOKmicro	24-09-18	11:32-13:30			8.11853	24-09-18 13:23	879.4301293	Other	NA	Electronic	8.11853	8.12389
USDNOKmicro	24-09-18	15:32-17:30			8.13709	24-09-18 16:17	307.8005452	Other	NA	Electronic	8.13163	8.13709
USDNOKmicro	25-09-18	11:32-13:30			8.12519	25-09-18 11:49	879.4301293	Other	NA	Electronic	8.12051	8.12519
USDNOKmicro	25-09-18	13:32-15:30			8.10746	25-09-18 13:54	413.3321608	Other	NA	Electronic	8.10746	8.1116
USDNOKmicro	25-09-18	15:30-15:32	8.12034	184.6803271								
USDNOKmicro	26-09-18	09:32-11:30			8.11061	26-09-18 09:59	8.794301293	Other	NA	Electronic	8.11061	8.11669

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDNOKmicro	26-09-18	13:32-15:30			8.11437	26-09-18 14:36	8.794301293	Other	NA	Electronic	8.10962	8.11437
USDNOKmicro	27-09-18	09:32-11:30			8.12267	27-09-18 10:50	9682.525723	Other	NA	Electronic	8.11711	8.12267
USDNOKmicro	27-09-18	13:32-15:30			8.13523	27-09-18 15:03	5285.375077	Other	NA	Electronic	8.13523	8.14062
USDNOKmicro	28-09-18	13:32-15:30			8.16442	28-09-18 13:43	1653.328643	Other	NA	Electronic	8.15856	8.16442
USDNOKmicro	28-09-18	15:30-15:32	8.13889	1187.230675								
USDPLN	02-07-18	09:32-11:30			3.77184	02-07-18 10:42	14070.88207	Other	NA	Electronic	3.76816	3.77184
USDPLN	02-07-18	11:32-13:30			3.78274	02-07-18 12:56	879.4301293	Other	NA	Electronic	3.77916	3.78274
USDPLN	02-07-18	13:32-15:30			3.78794	02-07-18 13:57	6156.010905	Other	NA	Electronic	3.78426	3.78794
USDPLN	02-07-18	15:32-17:30			3.79932	02-07-18 16:55	879.4301293	Other	NA	Electronic	3.79536	3.79932
USDPLN	03-07-18	09:32-11:30			3.76876	03-07-18 09:49	879.4301293	Other	NA	Electronic	3.76876	3.77242
USDPLN	03-07-18	11:32-13:30			3.7746	03-07-18 11:35	1758.860259	Other	NA	Electronic	3.77116	3.7746
USDPLN	03-07-18	13:32-15:30			3.76686	03-07-18 14:04	1758.860259	Other	NA	Electronic	3.76686	3.77054
USDPLN	03-07-18	15:32-17:30			3.78001	03-07-18 16:31	879.4301293	Other	NA	Electronic	3.77616	3.78001
USDPLN	04-07-18	11:32-13:30			3.76324	04-07-18 12:44	1758.860259	Other	NA	Electronic	3.75956	3.76333
USDPLN	04-07-18	13:32-15:30			3.76274	04-07-18 13:59	879.4301293	Other	NA	Electronic	3.75916	3.76274

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	04-07-18	15:32-17:30			3.75236	04-07-18 16:52	879.4301293	Other	NA	Electronic	3.75236	3.75614
USDPLN	05-07-18	09:32-11:30			3.74514	05-07-18 09:41	879.4301293	Other	NA	Electronic	3.74146	3.74514
USDPLN	05-07-18	11:32-13:30			3.72106	05-07-18 11:48	879.4301293	Other	NA	Electronic	3.72106	3.72473
USDPLN	05-07-18	13:32-15:30			3.72563	05-07-18 13:42	2638.290388	Other	NA	Electronic	3.72216	3.72565
USDPLN	05-07-18	15:32-17:30			3.72654	05-07-18 15:34	879.4301293	Other	NA	Electronic	3.72307	3.72654
USDPLN	06-07-18	09:32-11:30			3.72326	06-07-18 09:51	879.4301293	Other	NA	Electronic	3.72326	3.72704
USDPLN	06-07-18	11:32-13:30			3.71836	06-07-18 12:31	8794.301293	Other	NA	Electronic	3.72006	3.72408
USDPLN	06-07-18	13:32-15:30			3.70997	06-07-18 14:15	8794.301293	Other	NA	Electronic	3.70646	3.70997
USDPLN	06-07-18	15:32-17:30			3.7177	06-07-18 16:16	7914.871163	Other	NA	Electronic	3.71366	3.7177
USDPLN	09-07-18	09:32-11:30			3.68494	09-07-18 09:49	879.4301293	Other	NA	Electronic	3.6813	3.68494
USDPLN	09-07-18	11:32-13:30			3.67003	09-07-18 11:34	5276.580776	Other	NA	Electronic	3.67003	3.67353
USDPLN	09-07-18	13:32-15:30			3.67286	09-07-18 13:55	879.4301293	Other	NA	Electronic	3.67286	3.67638
USDPLN	09-07-18	15:32-17:30			3.67463	09-07-18 15:42	879.4301293	Other	NA	Electronic	3.67463	3.67834
USDPLN	10-07-18	09:32-11:30			3.69096	10-07-18 09:37	879.4301293	Other	NA	Electronic	3.69096	3.69464
USDPLN	10-07-18	11:32-13:30			3.6928	10-07-18 11:58	879.4301293	Other	NA	Electronic	3.6928	3.69632

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	10-07-18	13:32-15:30			3.69414	10-07-18 14:33	17588.60259	Other	NA	Electronic	3.69056	3.69414
USDPLN	10-07-18	15:32-17:30			3.67746	10-07-18 16:20	879.4301293	Other	NA	Electronic	3.67746	3.68118
USDPLN	11-07-18	09:32-11:30			3.69853	11-07-18 09:35	879.4301293	Other	NA	Electronic	3.69853	3.70224
USDPLN	11-07-18	11:32-13:30			3.68184	11-07-18 12:31	879.4301293	Other	NA	Electronic	3.68184	3.68534
USDPLN	11-07-18	13:32-15:30			3.67975	11-07-18 13:54	879.4301293	Other	NA	Electronic	3.67616	3.67975
USDPLN	11-07-18	15:30-15:32	3.70102	879.4301293								
USDPLN	12-07-18	11:32-13:30			3.70149	12-07-18 12:49	879.4301293	Other	NA	Electronic	3.70152	3.70515
USDPLN	12-07-18	15:32-17:30			3.69324	12-07-18 16:30	879.4301293	Other	NA	Electronic	3.68936	3.69324
USDPLN	13-07-18	09:32-11:30			3.72196	13-07-18 09:36	879.4301293	Other	NA	Electronic	3.72196	3.72564
USDPLN	13-07-18	11:32-13:30			3.72171	13-07-18 11:32	879.4301293	Other	NA	Electronic	3.72171	3.72538
USDPLN	13-07-18	13:32-15:30			3.70512	13-07-18 14:26	13191.45194	Other	NA	Electronic	3.70512	3.70864
USDPLN	16-07-18	09:32-11:30			3.67656	16-07-18 09:34	879.4301293	Other	NA	Electronic	3.67656	3.68024
USDPLN	16-07-18	11:32-13:30			3.67484	16-07-18 12:01	3517.720517	Other	NA	Electronic	3.67116	3.67484
USDPLN	16-07-18	13:32-15:30			3.67824	16-07-18 13:40	879.4301293	Other	NA	Electronic	3.67474	3.67824
USDPLN	16-07-18	15:32-17:30			3.67926	16-07-18 15:39	3517.720517	Other	NA	Electronic	3.67926	3.68292

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	17-07-18	09:32-11:30			3.66196	17-07-18 09:38	1758.860259	Other	NA	Electronic	3.66196	3.66564
USDPLN	17-07-18	11:32-13:30			3.66966	17-07-18 12:31	879.4301293	Other	NA	Electronic	3.66966	3.67334
USDPLN	17-07-18	13:32-15:30			3.67334	17-07-18 14:04	1758.860259	Other	NA	Electronic	3.66966	3.67334
USDPLN	17-07-18	15:32-17:30			3.67744	17-07-18 15:37	879.4301293	Other	NA	Electronic	3.6738	3.67744
USDPLN	18-07-18	09:32-11:30			3.70764	18-07-18 09:43	879.4301293	Other	NA	Electronic	3.70416	3.70764
USDPLN	18-07-18	15:32-17:30			3.69934	18-07-18 17:02	879.4301293	Other	NA	Electronic	3.69514	3.69934
USDPLN	19-07-18	09:32-11:30			3.72156	19-07-18 09:52	879.4301293	Other	NA	Electronic	3.72146	3.72514
USDPLN	19-07-18	11:32-13:30			3.73414	19-07-18 13:11	879.4301293	Other	NA	Electronic	3.73417	3.7378
USDPLN	19-07-18	13:32-15:30			3.73176	19-07-18 14:03	879.4301293	Other	NA	Electronic	3.73176	3.73541
USDPLN	19-07-18	15:32-17:30			3.73861	19-07-18 15:50	879.4301293	Other	NA	Electronic	3.73497	3.73861
USDPLN	20-07-18	09:32-11:30			3.70994	20-07-18 09:40	879.4301293	Other	NA	Electronic	3.70636	3.70994
USDPLN	20-07-18	11:32-13:30			3.7002	20-07-18 12:43	879.4301293	Other	NA	Electronic	3.69676	3.7002
USDPLN	20-07-18	13:32-15:30			3.69104	20-07-18 14:08	879.4301293	Other	NA	Electronic	3.68751	3.69104
USDPLN	20-07-18	15:32-17:30			3.70074	20-07-18 16:37	879.4301293	Other	NA	Electronic	3.69686	3.70074
USDPLN	23-07-18	09:30-09:32	3.70086	8794.301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	23-07-18	11:32-13:30			3.68584	23-07-18 12:34	10553.16155	Other	NA	Electronic	3.68584	3.68924
USDPLN	23-07-18	13:32-15:30			3.6951	23-07-18 13:40	8794.301293	Other	NA	Electronic	3.6951	3.69864
USDPLN	23-07-18	15:32-17:30			3.69876	23-07-18 16:55	879.4301293	Other	NA	Electronic	3.69876	3.70264
USDPLN	24-07-18	11:32-13:30			3.69062	24-07-18 12:49	879.4301293	Other	NA	Electronic	3.69062	3.69424
USDPLN	24-07-18	13:32-15:30			3.67564	24-07-18 14:17	879.4301293	Other	NA	Electronic	3.6721	3.67564
USDPLN	24-07-18	15:32-17:30			3.67506	24-07-18 16:09	879.4301293	Other	NA	Electronic	3.67526	3.67924
USDPLN	25-07-18	09:32-11:30			3.67284	25-07-18 09:47	879.4301293	Other	NA	Electronic	3.66916	3.67284
USDPLN	25-07-18	13:32-15:30			3.68404	25-07-18 14:50	879.4301293	Other	NA	Electronic	3.68046	3.68404
USDPLN	25-07-18	15:32-17:30			3.68837	25-07-18 15:41	879.4301293	Other	NA	Electronic	3.68837	3.69209
USDPLN	27-07-18	09:32-11:30			3.69006	27-07-18 10:50	879.4301293	Other	NA	Electronic	3.69006	3.69384
USDPLN	27-07-18	11:32-13:30			3.68843	27-07-18 12:00	879.4301293	Other	NA	Electronic	3.68843	3.69214
USDPLN	27-07-18	13:32-15:30			3.67476	27-07-18 13:49	879.4301293	Other	NA	Electronic	3.67476	3.67838
USDPLN	30-07-18	09:32-11:30			3.66704	30-07-18 10:37	879.4301293	Other	NA	Electronic	3.66346	3.66704
USDPLN	30-07-18	13:32-15:30			3.65272	30-07-18 13:54	6156.010905	Other	NA	Electronic	3.64906	3.65272
USDPLN	30-07-18	15:32-17:30			3.64376	30-07-18 16:17	4397.150646	Other	NA	Electronic	3.64376	3.64764

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	31-07-18	11:32-13:30			3.64153	31-07-18 11:38	1758.860259	Other	NA	Electronic	3.64153	3.64516
USDPLN	31-07-18	15:32-17:30			3.65061	31-07-18 17:04	1758.860259	Other	NA	Electronic	3.64636	3.65061
USDPLN	01-08-18	09:32-11:30			3.66281	01-08-18 09:43	879.4301293	Other	NA	Electronic	3.65926	3.66281
USDPLN	01-08-18	11:32-13:30			3.65545	01-08-18 11:40	21985.75323	Other	NA	Electronic	3.65545	3.65912
USDPLN	01-08-18	13:32-15:30			3.65178	01-08-18 14:53	879.4301293	Other	NA	Electronic	3.65178	3.65544
USDPLN	01-08-18	15:32-17:30			3.65254	01-08-18 15:55	175886.0259	Other	NA	Electronic	3.65254	3.65626
USDPLN	02-08-18	09:32-11:30			3.68436	02-08-18 09:52	879.4301293	Other	NA	Electronic	3.68436	3.68804
USDPLN	02-08-18	15:32-17:30			3.67404	02-08-18 16:10	879.4301293	Other	NA	Electronic	3.67404	3.67784
USDPLN	03-08-18	09:32-11:30			3.68116	03-08-18 10:40	2638.290388	Other	NA	Electronic	3.68116	3.68504
USDPLN	03-08-18	11:32-13:30			3.67451	03-08-18 12:24	1758.860259	Other	NA	Electronic	3.67451	3.67804
USDPLN	06-08-18	13:32-15:30			3.68466	06-08-18 14:40	879.4301293	Other	NA	Electronic	3.68466	3.68824
USDPLN	07-08-18	11:32-13:30			3.66156	07-08-18 12:00	2638.290388	Other	NA	Electronic	3.66156	3.66522
USDPLN	07-08-18	13:32-15:30			3.66857	07-08-18 13:33	8794.301293	Other	NA	Electronic	3.66857	3.6723
USDPLN	08-08-18	13:32-15:30			3.67416	08-08-18 14:09	879.4301293	Other	NA	Electronic	3.67416	3.67764
USDPLN	09-08-18	09:32-11:30			3.67786	09-08-18 09:47	879.4301293	Other	NA	Electronic	3.67786	3.68133

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	09-08-18	13:32-15:30			3.69424	09-08-18 14:46	13191.45194	Other	NA	Electronic	3.69076	3.69424
USDPLN	09-08-18	15:32-17:30			3.69326	09-08-18 15:41	8794.301293	Other	NA	Electronic	3.69326	3.69684
USDPLN	10-08-18	09:32-11:30			3.74037	10-08-18 10:12	1758.860259	Other	NA	Electronic	3.74047	3.74433
USDPLN	10-08-18	11:32-13:30			3.75277	10-08-18 12:11	879.4301293	Other	NA	Electronic	3.75277	3.75634
USDPLN	10-08-18	13:32-15:30			3.74146	10-08-18 14:10	1758.860259	Other	NA	Electronic	3.74146	3.74513
USDPLN	13-08-18	11:32-13:30			3.76857	13-08-18 11:57	5276.580776	Other	NA	Electronic	3.76857	3.773
USDPLN	13-08-18	13:32-15:30			3.75873	13-08-18 13:46	879.4301293	Other	NA	Electronic	3.75497	3.75873
USDPLN	13-08-18	15:32-17:30			3.77814	13-08-18 15:46	5276.580776	Other	NA	Electronic	3.77437	3.77814
USDPLN	14-08-18	09:32-11:30			3.77153	14-08-18 11:19	9673.731422	Other	NA	Electronic	3.76777	3.77153
USDPLN	14-08-18	11:32-13:30			3.76917	14-08-18 13:24	5276.580776	Other	NA	Electronic	3.76917	3.77283
USDPLN	14-08-18	13:32-15:30			3.79007	14-08-18 15:16	9673.731422	Other	NA	Electronic	3.79007	3.79373
USDPLN	14-08-18	15:32-17:30			3.79183	14-08-18 15:41	1758.860259	Other	NA	Electronic	3.78807	3.79183
USDPLN	15-08-18	09:32-11:30			3.82143	15-08-18 10:31	10553.16155	Other	NA	Electronic	3.81747	3.82143
USDPLN	15-08-18	11:32-13:30			3.82366	15-08-18 11:41	879.4301293	Other	NA	Electronic	3.82366	3.82743
USDPLN	15-08-18	13:30-13:32	3.82837	879.4301293								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	15-08-18	15:32-17:30			3.80866	15-08-18 17:23	1758.860259	Other	NA	Electronic	3.80866	3.81264
USDPLN	16-08-18	09:32-11:30			3.78627	16-08-18 10:03	1758.860259	Other	NA	Electronic	3.78627	3.79003
USDPLN	16-08-18	11:32-13:30			3.78797	16-08-18 13:09	879.4301293	Other	NA	Electronic	3.78797	3.79184
USDPLN	16-08-18	13:30-13:32	3.78316	2638.290388								
USDPLN	16-08-18	15:32-17:30			3.79433	16-08-18 16:43	879.4301293	Other	NA	Electronic	3.79037	3.79433
USDPLN	17-08-18	09:30-09:32	3.78574	4397.150646								
USDPLN	17-08-18	11:32-13:30			3.78287	17-08-18 12:32	879.4301293	Other	NA	Electronic	3.78287	3.78704
USDPLN	17-08-18	13:32-15:30			3.77017	17-08-18 14:17	2638.290388	Other	NA	Electronic	3.77017	3.77393
USDPLN	20-08-18	09:32-11:30			3.76757	20-08-18 10:00	879.4301293	Other	NA	Electronic	3.76757	3.77143
USDPLN	20-08-18	11:32-13:30			3.76903	20-08-18 11:48	879.4301293	Other	NA	Electronic	3.76517	3.76903
USDPLN	20-08-18	13:32-15:30			3.76677	20-08-18 14:13	879.4301293	Other	NA	Electronic	3.76677	3.77063
USDPLN	21-08-18	09:32-11:30			3.73843	21-08-18 10:59	879.4301293	Other	NA	Electronic	3.73476	3.73843
USDPLN	21-08-18	13:32-15:30			3.73373	21-08-18 15:14	7035.441034	Other	NA	Electronic	3.73007	3.73373
USDPLN	21-08-18	15:32-17:30			3.71736	21-08-18 15:48	7035.441034	Other	NA	Electronic	3.71756	3.72144
USDPLN	22-08-18	09:32-11:30			3.69524	22-08-18 10:06	879.4301293	Other	NA	Electronic	3.69136	3.69524

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	23-08-18	11:32-13:30			3.69046	23-08-18 11:56	8794.301293	Other	NA	Electronic	3.69046	3.69454
USDPLN	24-08-18	09:32-11:30			3.69884	24-08-18 10:13	1758.860259	Other	NA	Electronic	3.69514	3.69884
USDPLN	24-08-18	11:32-13:30			3.68987	24-08-18 11:33	1758.860259	Other	NA	Electronic	3.68987	3.69373
USDPLN	24-08-18	13:32-15:30			3.67276	24-08-18 14:08	879.4301293	Other	NA	Electronic	3.67276	3.67674
USDPLN	27-08-18	09:32-11:30			3.68027	27-08-18 10:56	2638.290388	Other	NA	Electronic	3.68027	3.68433
USDPLN	27-08-18	13:32-15:30			3.66543	27-08-18 14:38	879.4301293	Other	NA	Electronic	3.66157	3.66543
USDPLN	27-08-18	15:32-17:30			3.65357	27-08-18 15:32	879.4301293	Other	NA	Electronic	3.65357	3.65744
USDPLN	28-08-18	11:32-13:30			3.64604	28-08-18 12:01	879.4301293	Other	NA	Electronic	3.64237	3.64604
USDPLN	28-08-18	13:32-15:30			3.64553	28-08-18 13:49	13191.45194	Other	NA	Electronic	3.64148	3.64553
USDPLN	28-08-18	15:32-17:30			3.64663	28-08-18 15:32	4397.150646	Other	NA	Electronic	3.64296	3.64663
USDPLN	29-08-18	09:32-11:30			3.66677	29-08-18 10:22	879.4301293	Other	NA	Electronic	3.66677	3.67064
USDPLN	29-08-18	11:32-13:30			3.67057	29-08-18 13:10	1758.860259	Other	NA	Electronic	3.67057	3.67423
USDPLN	29-08-18	13:32-15:30			3.66454	29-08-18 14:39	1758.860259	Other	NA	Electronic	3.66076	3.66454
USDPLN	30-08-18	11:32-13:30			3.68758	30-08-18 13:10	8794.301293	Other	NA	Electronic	3.68386	3.68758
USDPLN	30-08-18	15:32-17:30			3.68756	30-08-18 16:36	1758.860259	Other	NA	Electronic	3.68756	3.69124

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	31-08-18	11:32-13:30			3.68458	31-08-18 12:08	879.4301293	Other	NA	Electronic	3.68083	3.68458
USDPLN	31-08-18	15:30-15:32	3.69783	879.4301293								
USDPLN	04-09-18	09:32-11:30			3.72637	04-09-18 09:40	879.4301293	Other	NA	Electronic	3.72267	3.72637
USDPLN	04-09-18	15:32-17:30			3.72237	04-09-18 15:40	879.4301293	Other	NA	Electronic	3.72237	3.72604
USDPLN	06-09-18	09:32-11:30			3.72334	06-09-18 09:36	4397.150646	Other	NA	Electronic	3.71996	3.72334
USDPLN	06-09-18	11:32-13:30			3.70634	06-09-18 12:42	879.4301293	Other	NA	Electronic	3.70296	3.70634
USDPLN	06-09-18	13:32-15:30			3.71249	06-09-18 14:00	879.4301293	Other	NA	Electronic	3.70896	3.71249
USDPLN	06-09-18	15:32-17:30			3.71997	06-09-18 15:34	879.4301293	Other	NA	Electronic	3.71997	3.72384
USDPLN	07-09-18	09:32-11:30			3.70206	07-09-18 10:49	879.4301293	Other	NA	Electronic	3.70206	3.70554
USDPLN	07-09-18	11:32-13:30			3.72354	07-09-18 12:32	879.4301293	Other	NA	Electronic	3.71956	3.72334
USDPLN	07-09-18	13:32-15:30			3.72156	07-09-18 13:42	879.4301293	Other	NA	Electronic	3.72156	3.72494
USDPLN	07-09-18	15:32-17:30			3.73527	07-09-18 16:27	879.4301293	Other	NA	Electronic	3.73527	3.73903
USDPLN	10-09-18	11:32-13:30			3.71984	10-09-18 13:01	879.4301293	Other	NA	Electronic	3.71617	3.71984
USDPLN	10-09-18	13:32-15:30			3.72463	10-09-18 13:33	879.4301293	Other	NA	Electronic	3.72102	3.72475
USDPLN	11-09-18	09:32-11:30			3.7167	11-09-18 10:30	879.4301293	Other	NA	Electronic	3.7167	3.71994

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	11-09-18	11:32-13:30			3.71563	11-09-18 13:09	879.4301293	Other	NA	Electronic	3.71563	3.71904
USDPLN	12-09-18	11:32-13:30			3.72086	12-09-18 12:21	879.4301293	Other	NA	Electronic	3.72086	3.72434
USDPLN	12-09-18	13:32-15:30			3.71404	12-09-18 14:06	1758.860259	Other	NA	Electronic	3.71056	3.71404
USDPLN	12-09-18	15:32-17:30			3.70684	12-09-18 15:52	879.4301293	Other	NA	Electronic	3.70317	3.70684
USDPLN	13-09-18	11:32-13:30			3.70164	13-09-18 12:36	7035.441034	Other	NA	Electronic	3.6981	3.70164
USDPLN	13-09-18	13:32-15:30			3.68814	13-09-18 14:33	879.4301293	Other	NA	Electronic	3.68466	3.68814
USDPLN	14-09-18	15:32-17:30			3.69036	14-09-18 15:47	879.4301293	Other	NA	Electronic	3.69036	3.69393
USDPLN	17-09-18	11:32-13:30			3.68121	17-09-18 12:45	879.4301293	Other	NA	Electronic	3.67776	3.68121
USDPLN	17-09-18	13:32-15:30			3.67974	17-09-18 14:47	879.4301293	Other	NA	Electronic	3.67637	3.67974
USDPLN	20-09-18	11:30-11:32	3.66044	2638.290388								
USDPLN	20-09-18	15:32-17:30			3.65306	20-09-18 16:34	1758.860259	Other	NA	Electronic	3.65306	3.65634
USDPLN	21-09-18	09:32-11:30			3.64564	21-09-18 09:32	879.4301293	Other	NA	Electronic	3.64206	3.64564
USDPLN	21-09-18	15:32-17:30			3.66347	21-09-18 15:38	4397.150646	Other	NA	Electronic	3.66347	3.66714
USDPLN	24-09-18	11:32-13:30			3.65596	24-09-18 11:38	5276.580776	Other	NA	Electronic	3.65596	3.65934
USDPLN	24-09-18	15:32-17:30			3.65044	24-09-18 16:55	879.4301293	Other	NA	Electronic	3.64726	3.65044

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN	25-09-18	09:32-11:30			3.64264	25-09-18 11:23	4397.150646	Other	NA	Electronic	3.63926	3.64264
USDPLN	25-09-18	11:32-13:30			3.63924	25-09-18 11:38	2638.290388	Other	NA	Electronic	3.63586	3.63924
USDPLN	25-09-18	13:32-15:30			3.64484	25-09-18 13:34	1758.860259	Other	NA	Electronic	3.64156	3.64484
USDPLN	26-09-18	09:32-11:30			3.64974	26-09-18 11:13	879.4301293	Other	NA	Electronic	3.64626	3.64974
USDPLN	26-09-18	11:32-13:30			3.64626	26-09-18 11:42	4397.150646	Other	NA	Electronic	3.64626	3.64964
USDPLN	26-09-18	13:32-15:30			3.63936	26-09-18 14:44	879.4301293	Other	NA	Electronic	3.63936	3.64279
USDPLN	26-09-18	15:32-17:30			3.63824	26-09-18 17:17	879.4301293	Other	NA	Electronic	3.63446	3.63824
USDPLN	27-09-18	09:32-11:30			3.65745	27-09-18 09:47	4397.150646	Other	NA	Electronic	3.65406	3.65745
USDPLN	27-09-18	11:32-13:30			3.65636	27-09-18 12:29	4397.150646	Other	NA	Electronic	3.65636	3.65974
USDPLN	27-09-18	13:32-15:30			3.65574	27-09-18 14:26	879.4301293	Other	NA	Electronic	3.65246	3.65574
USDPLN	28-09-18	09:32-11:30			3.68386	28-09-18 09:55	61560.10905	Other	NA	Electronic	3.68386	3.68714
USDPLN	28-09-18	11:32-13:30			3.69376	28-09-18 12:18	2638.290388	Other	NA	Electronic	3.69376	3.69724
USDPLN	28-09-18	13:32-15:30			3.68696	28-09-18 13:51	879.4301293	Other	NA	Electronic	3.68696	3.69024
USDPLN	28-09-18	15:32-17:30			3.69184	28-09-18 16:56	87943.01293	Other	NA	Electronic	3.68787	3.69184
USDPLN.	02-07-18	11:32-13:30			3.7867	02-07-18 13:06	879.4301293	Other	NA	Electronic	3.78471	3.7867

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN.	02-07-18	13:32-15:30			3.7849	02-07-18 14:38	879.4301293	Other	NA	Electronic	3.7849	3.7868
USDPLN.	02-07-18	15:32-17:30			3.7973	02-07-18 16:54	879.4301293	Other	NA	Electronic	3.7951	3.7973
USDPLN.	03-07-18	09:32-11:30			3.77529	03-07-18 09:56	879.4301293	Other	NA	Electronic	3.7733	3.77529
USDPLN.	03-07-18	11:32-13:30			3.7612	03-07-18 12:11	879.4301293	Other	NA	Electronic	3.7612	3.7631
USDPLN.	05-07-18	09:32-11:30			3.7301	05-07-18 11:13	879.4301293	Other	NA	Electronic	3.7301	3.732
USDPLN.	06-07-18	11:32-13:30			3.71115	06-07-18 13:06	879.4301293	Other	NA	Electronic	3.71115	3.7131
USDPLN.	06-07-18	15:32-17:30			3.71559	06-07-18 15:52	879.4301293	Other	NA	Electronic	3.71322	3.7155
USDPLN.	09-07-18	09:32-11:30			3.6841	09-07-18 09:47	879.4301293	Other	NA	Electronic	3.68225	3.6841
USDPLN.	09-07-18	13:32-15:30			3.67453	09-07-18 14:48	879.4301293	Other	NA	Electronic	3.67237	3.6748
USDPLN.	09-07-18	15:32-17:30			3.67609	09-07-18 16:02	879.4301293	Other	NA	Electronic	3.67609	3.678
USDPLN.	10-07-18	09:32-11:30			3.6996	10-07-18 11:02	4397.150646	Other	NA	Electronic	3.6996	3.70152
USDPLN.	10-07-18	13:32-15:30			3.6887	10-07-18 14:45	879.4301293	Other	NA	Electronic	3.6887	3.6907
USDPLN.	10-07-18	15:32-17:30			3.6792	10-07-18 15:59	1758.860259	Other	NA	Electronic	3.6792	3.6812
USDPLN.	11-07-18	09:32-11:30			3.7006	11-07-18 09:38	2638.290388	Other	NA	Electronic	3.69892	3.7006
USDPLN.	11-07-18	13:32-15:30			3.6951	11-07-18 14:42	4397.150646	Other	NA	Electronic	3.69319	3.6951

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN.	11-07-18	15:32-17:30			3.69734	11-07-18 15:44	2638.290388	Other	NA	Electronic	3.69734	3.69938
USDPLN.	12-07-18	13:32-15:30			3.7052	12-07-18 14:46	879.4301293	Other	NA	Electronic	3.7032	3.7052
USDPLN.	12-07-18	15:32-17:30			3.6907	12-07-18 15:48	879.4301293	Other	NA	Electronic	3.6907	3.6926
USDPLN.	13-07-18	15:32-17:30			3.6986	13-07-18 16:20	1758.860259	Other	NA	Electronic	3.6965	3.6986
USDPLN.	16-07-18	09:32-11:30			3.6731	16-07-18 11:02	879.4301293	Other	NA	Electronic	3.67151	3.6731
USDPLN.	17-07-18	11:32-13:30			3.6729	17-07-18 12:44	4397.150646	Other	NA	Electronic	3.67088	3.67291
USDPLN.	17-07-18	13:32-15:30			3.67156	17-07-18 14:33	879.4301293	Other	NA	Electronic	3.66971	3.67156
USDPLN.	17-07-18	15:32-17:30			3.6853	17-07-18 16:26	4397.150646	Other	NA	Electronic	3.6854	3.6875
USDPLN.	18-07-18	09:32-11:30			3.7081	18-07-18 09:58	1758.860259	Other	NA	Electronic	3.7081	3.70996
USDPLN.	18-07-18	13:32-15:30			3.7012	18-07-18 14:32	879.4301293	Other	NA	Electronic	3.69926	3.7012
USDPLN.	19-07-18	09:32-11:30			3.7245	19-07-18 09:41	879.4301293	Other	NA	Electronic	3.7245	3.72649
USDPLN.	19-07-18	11:32-13:30			3.73668	19-07-18 12:30	879.4301293	Other	NA	Electronic	3.7364	3.73841
USDPLN.	19-07-18	13:32-15:30			3.73206	19-07-18 13:33	879.4301293	Other	NA	Electronic	3.7302	3.73206
USDPLN.	20-07-18	11:32-13:30			3.69759	20-07-18 12:43	879.4301293	Other	NA	Electronic	3.69764	3.69947
USDPLN.	25-07-18	13:32-15:30			3.6698	25-07-18 13:43	879.4301293	Other	NA	Electronic	3.6698	3.67183

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN.	30-07-18	13:32-15:30			3.6499	30-07-18 14:28	879.4301293	Other	NA	Electronic	3.64825	3.6499
USDPLN.	01-08-18	09:32-11:30			3.6566	01-08-18 11:07	1758.860259	Other	NA	Electronic	3.65478	3.6566
USDPLN.	01-08-18	13:32-15:30			3.6479	01-08-18 13:36	1758.860259	Other	NA	Electronic	3.6479	3.6497
USDPLN.	03-08-18	13:32-15:30			3.66895	03-08-18 15:12	879.4301293	Other	NA	Electronic	3.66895	3.67099
USDPLN.	06-08-18	09:32-11:30			3.7093	06-08-18 10:50	3517.720517	Other	NA	Electronic	3.70733	3.7093
USDPLN.	06-08-18	11:32-13:30			3.7011	06-08-18 12:11	879.4301293	Other	NA	Electronic	3.7011	3.70303
USDPLN.	10-08-18	15:32-17:30			3.7739	10-08-18 17:24	1758.860259	Other	NA	Electronic	3.7739	3.7772
USDPLN.	15-08-18	09:32-11:30			3.82107	15-08-18 10:32	879.4301293	Other	NA	Electronic	3.82107	3.82222
USDPLN.	15-08-18	11:32-13:30			3.82915	15-08-18 13:04	879.4301293	Other	NA	Electronic	3.82915	3.83089
USDPLN.	15-08-18	13:32-15:30			3.8387	15-08-18 14:53	879.4301293	Other	NA	Electronic	3.8387	3.8408
USDPLN.	17-08-18	09:32-11:30			3.7886	17-08-18 09:59	879.4301293	Other	NA	Electronic	3.7886	3.7906
USDPLN.	27-08-18	15:32-17:30			3.65431	27-08-18 15:43	4397.150646	Other	NA	Electronic	3.65431	3.65649
USDPLN.	28-08-18	11:32-13:30			3.64738	28-08-18 11:48	5276.580776	Other	NA	Electronic	3.64738	3.64939
USDPLN.	28-08-18	13:32-15:30			3.6411	28-08-18 13:54	879.4301293	Other	NA	Electronic	3.63901	3.6411
USDPLN.	30-08-18	15:32-17:30			3.69099	30-08-18 15:52	2638.290388	Other	NA	Electronic	3.6889	3.69099



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLN.	04-09-18	09:30-09:32	3.72451	879.4301293								
USDPLN.	05-09-18	09:32-11:30			3.7381	05-09-18 10:01	879.4301293	Other	NA	Electronic	3.7363	3.7381
USDPLN.	05-09-18	11:32-13:30			3.7312	05-09-18 12:58	879.4301293	Other	NA	Electronic	3.7294	3.7311
USDPLN.	12-09-18	09:32-11:30			3.72825	12-09-18 11:13	879.4301293	Other	NA	Electronic	3.7262	3.72825
USDPLN.	13-09-18	11:32-13:30			3.71069	13-09-18 12:16	879.4301293	Other	NA	Electronic	3.7089	3.71069
USDPLN.	13-09-18	15:32-17:30			3.68601	13-09-18 16:05	2638.290388	Other	NA	Electronic	3.68601	3.68809
USDPLN.	17-09-18	11:32-13:30			3.68331	17-09-18 12:00	879.4301293	Other	NA	Electronic	3.68331	3.6848
USDPLN.	20-09-18	09:32-11:30			3.6631	20-09-18 11:27	879.4301293	Other	NA	Electronic	3.6613	3.6631
USDPLN.	20-09-18	11:32-13:30			3.65031	20-09-18 11:59	17588.60259	Other	NA	Electronic	3.6507	3.65219
USDPLN.	20-09-18	13:32-15:30			3.6541	20-09-18 14:08	879.4301293	Other	NA	Electronic	3.65244	3.6541
USDPLN.	20-09-18	15:32-17:30			3.65781	20-09-18 15:41	879.4301293	Other	NA	Electronic	3.65781	3.6598
USDPLN.	21-09-18	09:32-11:30			3.6466	21-09-18 10:31	48368.65711	Other	NA	Electronic	3.6466	3.6485
USDPLN.	21-09-18	11:32-13:30			3.6521	21-09-18 12:14	17588.60259	Other	NA	Electronic	3.6521	3.6539
USDPLN.	24-09-18	09:32-11:30			3.65878	24-09-18 10:31	4397.150646	Other	NA	Electronic	3.65668	3.65878
USDPLNmicro	02-07-18	09:32-11:30			3.76566	02-07-18 09:34	1319.145194	Other	NA	Electronic	3.76566	3.76944

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	02-07-18	11:32-13:30			3.77504	02-07-18 11:32	4397.150646	Other	NA	Electronic	3.77145	3.77504
USDPLNmicro	02-07-18	13:32-15:30			3.78876	02-07-18 13:37	87.94301293	Other	NA	Electronic	3.78876	3.79236
USDPLNmicro	02-07-18	15:32-17:30			3.79494	02-07-18 16:10	43.97150646	Other	NA	Electronic	3.79136	3.79494
USDPLNmicro	03-07-18	09:32-11:30			3.7762	03-07-18 10:01	87.94301293	Other	NA	Electronic	3.77246	3.7762
USDPLNmicro	03-07-18	11:32-13:30			3.76824	03-07-18 12:17	4423.53355	Other	NA	Electronic	3.76457	3.76824
USDPLNmicro	03-07-18	13:32-15:30			3.76778	03-07-18 14:52	87.94301293	Other	NA	Electronic	3.76406	3.76778
USDPLNmicro	03-07-18	15:32-17:30			3.7706	03-07-18 15:35	5276.580776	Other	NA	Electronic	3.76688	3.7706
USDPLNmicro	04-07-18	09:32-11:30			3.76256	04-07-18 11:03	87.94301293	Other	NA	Electronic	3.76259	3.76624
USDPLNmicro	04-07-18	11:32-13:30			3.75926	04-07-18 12:08	439.7150646	Other	NA	Electronic	3.75926	3.76271
USDPLNmicro	04-07-18	13:32-15:30			3.75696	04-07-18 14:29	439.7150646	Other	NA	Electronic	3.75696	3.76064
USDPLNmicro	04-07-18	15:32-17:30			3.75276	04-07-18 16:51	334.1834491	Other	NA	Electronic	3.75276	3.75664
USDPLNmicro	05-07-18	09:32-11:30			3.74176	05-07-18 09:44	439.7150646	Other	NA	Electronic	3.74176	3.74544
USDPLNmicro	05-07-18	11:32-13:30			3.72556	05-07-18 11:33	87.94301293	Other	NA	Electronic	3.72556	3.72924
USDPLNmicro	05-07-18	13:30-13:32	3.72163	175.8860259								
USDPLNmicro	05-07-18	15:32-17:30			3.72436	05-07-18 15:56	8.794301293	Other	NA	Electronic	3.72066	3.72436

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	06-07-18	09:32-11:30			3.72841	06-07-18 09:32	879.4301293	Other	NA	Electronic	3.72476	3.72841
USDPLNmicro	06-07-18	11:30-11:32	3.72934	105.5316155								
USDPLNmicro	06-07-18	13:30-13:32	3.70679	1758.860259								
USDPLNmicro	06-07-18	15:32-17:30			3.70809	06-07-18 15:40	105.5316155	Other	NA	Electronic	3.70809	3.7118
USDPLNmicro	09-07-18	09:30-09:32	3.67775	52.76580776								
USDPLNmicro	09-07-18	11:32-13:30			3.67023	09-07-18 11:34	879.4301293	Other	NA	Electronic	3.67023	3.67394
USDPLNmicro	09-07-18	13:32-15:30			3.67554	09-07-18 13:44	879.4301293	Other	NA	Electronic	3.67184	3.67554
USDPLNmicro	09-07-18	15:32-17:30			3.67941	09-07-18 15:53	87.94301293	Other	NA	Electronic	3.67564	3.67926
USDPLNmicro	10-07-18	09:32-11:30			3.69534	10-07-18 09:39	439.7150646	Other	NA	Electronic	3.69184	3.69534
USDPLNmicro	10-07-18	11:32-13:30			3.69356	10-07-18 11:43	131.9145194	Other	NA	Electronic	3.69356	3.69697
USDPLNmicro	10-07-18	13:32-15:30			3.68982	10-07-18 14:41	43.97150646	Other	NA	Electronic	3.68982	3.69344
USDPLNmicro	10-07-18	15:32-17:30			3.68	10-07-18 15:43	114.3259168	Other	NA	Electronic	3.67636	3.68
USDPLNmicro	11-07-18	09:32-11:30			3.69775	11-07-18 09:37	439.7150646	Other	NA	Electronic	3.69775	3.70134
USDPLNmicro	11-07-18	11:30-11:32	3.6894	6156.010905								
USDPLNmicro	11-07-18	13:32-15:30			3.68362	11-07-18 14:29	87.94301293	Other	NA	Electronic	3.68016	3.68362

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	11-07-18	15:32-17:30			3.7017	11-07-18 15:38	879.4301293	Other	NA	Electronic	3.7017	3.70541
USDPLNmicro	12-07-18	09:32-11:30			3.71254	12-07-18 09:43	835.4586228	Other	NA	Electronic	3.70516	3.70874
USDPLNmicro	12-07-18	11:32-13:30			3.69696	12-07-18 12:40	1319.145194	Other	NA	Electronic	3.69706	3.70069
USDPLNmicro	12-07-18	13:32-15:30			3.70384	12-07-18 14:12	879.4301293	Other	NA	Electronic	3.70026	3.70384
USDPLNmicro	12-07-18	15:32-17:30			3.69256	12-07-18 16:55	263.8290388	Other	NA	Electronic	3.69256	3.69644
USDPLNmicro	13-07-18	09:32-11:30			3.72246	13-07-18 10:34	87.94301293	Other	NA	Electronic	3.72246	3.72614
USDPLNmicro	13-07-18	11:32-13:30			3.71317	13-07-18 12:03	835.4586228	Other	NA	Electronic	3.71335	3.71669
USDPLNmicro	13-07-18	13:32-15:30			3.70211	13-07-18 15:02	263.8290388	Other	NA	Electronic	3.69839	3.70211
USDPLNmicro	13-07-18	15:32-17:30			3.69874	13-07-18 16:07	879.4301293	Other	NA	Electronic	3.69486	3.69874
USDPLNmicro	16-07-18	09:32-11:30			3.68073	16-07-18 09:34	87.94301293	Other	NA	Electronic	3.67706	3.68073
USDPLNmicro	16-07-18	11:32-13:30			3.67504	16-07-18 11:48	43.97150646	Other	NA	Electronic	3.6715	3.67504
USDPLNmicro	16-07-18	13:32-15:30			3.67864	16-07-18 13:35	879.4301293	Other	NA	Electronic	3.67512	3.67864
USDPLNmicro	16-07-18	15:32-17:30			3.68394	16-07-18 15:33	43.97150646	Other	NA	Electronic	3.68026	3.68394
USDPLNmicro	17-07-18	09:32-11:30			3.66356	17-07-18 09:34	17.58860259	Other	NA	Electronic	3.66356	3.66724
USDPLNmicro	17-07-18	11:32-13:30			3.67331	17-07-18 11:40	87.94301293	Other	NA	Electronic	3.66961	3.67331

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	17-07-18	13:32-15:30			3.67574	17-07-18 13:38	87.94301293	Other	NA	Electronic	3.67206	3.67574
USDPLNmicro	17-07-18	15:32-17:30			3.68171	17-07-18 15:53	43.97150646	Other	NA	Electronic	3.67797	3.68171
USDPLNmicro	18-07-18	09:32-11:30			3.70366	18-07-18 09:43	43.97150646	Other	NA	Electronic	3.70366	3.70714
USDPLNmicro	18-07-18	11:32-13:30			3.70316	18-07-18 12:49	87.94301293	Other	NA	Electronic	3.70316	3.70684
USDPLNmicro	18-07-18	13:32-15:30			3.70266	18-07-18 14:11	87.94301293	Other	NA	Electronic	3.70266	3.70621
USDPLNmicro	18-07-18	15:32-17:30			3.69496	18-07-18 16:07	43.97150646	Other	NA	Electronic	3.69496	3.69894
USDPLNmicro	19-07-18	09:32-11:30			3.72454	19-07-18 09:39	43.97150646	Other	NA	Electronic	3.72076	3.72454
USDPLNmicro	19-07-18	11:30-11:32	3.72866	263.8290388								
USDPLNmicro	19-07-18	13:32-15:30			3.73305	19-07-18 13:33	105.5316155	Other	NA	Electronic	3.72946	3.73309
USDPLNmicro	19-07-18	15:32-17:30			3.73403	19-07-18 15:32	105.5316155	Other	NA	Electronic	3.73403	3.73776
USDPLNmicro	20-07-18	09:32-11:30			3.7124	20-07-18 09:56	527.6580776	Other	NA	Electronic	3.70886	3.7124
USDPLNmicro	20-07-18	11:32-13:30			3.70366	20-07-18 11:55	879.4301293	Other	NA	Electronic	3.70366	3.70734
USDPLNmicro	20-07-18	13:30-13:32	3.68715	615.6010905								
USDPLNmicro	20-07-18	15:32-17:30			3.70058	20-07-18 16:37	879.4301293	Other	NA	Electronic	3.69676	3.70058
USDPLNmicro	23-07-18	09:30-09:32	3.7019	527.6580776								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	23-07-18	11:32-13:30			3.68884	23-07-18 11:51	17.58860259	Other	NA	Electronic	3.68526	3.68884
USDPLNmicro	23-07-18	13:32-15:30			3.69814	23-07-18 13:40	87.94301293	Other	NA	Electronic	3.69454	3.69814
USDPLNmicro	23-07-18	15:32-17:30			3.69266	23-07-18 15:51	87.94301293	Other	NA	Electronic	3.69266	3.69637
USDPLNmicro	24-07-18	09:32-11:30			3.69364	24-07-18 10:38	87.94301293	Other	NA	Electronic	3.68998	3.69364
USDPLNmicro	24-07-18	11:32-13:30			3.69114	24-07-18 12:11	879.4301293	Other	NA	Electronic	3.68756	3.69114
USDPLNmicro	24-07-18	13:32-15:30			3.68129	24-07-18 14:00	263.8290388	Other	NA	Electronic	3.67766	3.68129
USDPLNmicro	24-07-18	15:32-17:30			3.68199	24-07-18 15:53	87.94301293	Other	NA	Electronic	3.67827	3.68199
USDPLNmicro	25-07-18	09:32-11:30			3.67426	25-07-18 09:43	8.794301293	Other	NA	Electronic	3.67426	3.67769
USDPLNmicro	25-07-18	11:32-13:30			3.67544	25-07-18 13:08	87.94301293	Other	NA	Electronic	3.67184	3.67544
USDPLNmicro	25-07-18	13:30-13:32	3.67474	879.4301293								
USDPLNmicro	25-07-18	15:32-17:30			3.6889	25-07-18 15:39	351.7720517	Other	NA	Electronic	3.6889	3.69262
USDPLNmicro	26-07-18	09:30-09:32	3.66284	105.5316155								
USDPLNmicro	26-07-18	11:32-13:30			3.66114	26-07-18 11:33	879.4301293	Other	NA	Electronic	3.65757	3.66114
USDPLNmicro	26-07-18	13:32-15:30			3.66356	26-07-18 13:42	87.94301293	Other	NA	Electronic	3.66356	3.66734
USDPLNmicro	26-07-18	15:32-17:30			3.67381	26-07-18 15:33	527.6580776	Other	NA	Electronic	3.67381	3.67753

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	27-07-18	09:32-11:30			3.69356	27-07-18 10:11	4397.150646	Other	NA	Electronic	3.69356	3.69724
USDPLNmicro	27-07-18	11:32-13:30			3.69204	27-07-18 12:00	879.4301293	Other	NA	Electronic	3.68843	3.69204
USDPLNmicro	27-07-18	13:32-15:30			3.67684	27-07-18 14:00	1670.917246	Other	NA	Electronic	3.67266	3.67684
USDPLNmicro	27-07-18	15:32-17:30			3.66802	27-07-18 15:39	105.5316155	Other	NA	Electronic	3.66802	3.67173
USDPLNmicro	30-07-18	09:32-11:30			3.66664	30-07-18 09:40	615.6010905	Other	NA	Electronic	3.66314	3.66654
USDPLNmicro	30-07-18	11:32-13:30			3.66092	30-07-18 11:33	26.38290388	Other	NA	Electronic	3.65736	3.66092
USDPLNmicro	30-07-18	13:32-15:30			3.65564	30-07-18 13:39	439.7150646	Other	NA	Electronic	3.65209	3.65564
USDPLNmicro	30-07-18	15:32-17:30			3.64742	30-07-18 15:51	17.58860259	Other	NA	Electronic	3.64371	3.64742
USDPLNmicro	31-07-18	11:32-13:30			3.64514	31-07-18 11:42	43.97150646	Other	NA	Electronic	3.64157	3.64514
USDPLNmicro	31-07-18	13:32-15:30			3.65734	31-07-18 13:50	175.8860259	Other	NA	Electronic	3.65366	3.65734
USDPLNmicro	31-07-18	15:30-15:32	3.65473	439.7150646								
USDPLNmicro	01-08-18	09:32-11:30			3.65846	01-08-18 09:37	439.7150646	Other	NA	Electronic	3.65846	3.66217
USDPLNmicro	01-08-18	11:32-13:30			3.65566	01-08-18 11:43	87.94301293	Other	NA	Electronic	3.65576	3.6593
USDPLNmicro	01-08-18	13:32-15:30			3.64766	01-08-18 13:38	8794.301293	Other	NA	Electronic	3.64766	3.65137
USDPLNmicro	01-08-18	15:32-17:30			3.65073	01-08-18 15:33	8.794301293	Other	NA	Electronic	3.65073	3.65445

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	02-08-18	09:32-11:30			3.68318	02-08-18 09:59	17.58860259	Other	NA	Electronic	3.68318	3.68693
USDPLNmicro	02-08-18	11:32-13:30			3.67746	02-08-18 13:03	17.58860259	Other	NA	Electronic	3.67396	3.67746
USDPLNmicro	02-08-18	13:32-15:30			3.67694	02-08-18 13:43	87.94301293	Other	NA	Electronic	3.67326	3.67694
USDPLNmicro	02-08-18	15:32-17:30			3.67716	02-08-18 15:59	87.94301293	Other	NA	Electronic	3.67714	3.68086
USDPLNmicro	03-08-18	09:32-11:30			3.68966	03-08-18 10:01	4397.150646	Other	NA	Electronic	3.68966	3.69334
USDPLNmicro	03-08-18	11:32-13:30			3.67014	03-08-18 11:33	8.794301293	Other	NA	Electronic	3.66658	3.67014
USDPLNmicro	03-08-18	13:32-15:30			3.68006	03-08-18 13:35	8.794301293	Other	NA	Electronic	3.68006	3.68372
USDPLNmicro	03-08-18	15:32-17:30			3.67624	03-08-18 16:07	87.94301293	Other	NA	Electronic	3.67236	3.67624
USDPLNmicro	06-08-18	09:32-11:30			3.69927	06-08-18 10:29	1758.860259	Other	NA	Electronic	3.69927	3.70304
USDPLNmicro	06-08-18	11:32-13:30			3.69976	06-08-18 12:01	87.94301293	Other	NA	Electronic	3.69976	3.70314
USDPLNmicro	06-08-18	13:32-15:30			3.69166	06-08-18 14:03	483.6865711	Other	NA	Electronic	3.69166	3.69527
USDPLNmicro	06-08-18	15:32-17:30			3.67886	06-08-18 16:31	87.94301293	Other	NA	Electronic	3.67886	3.68274
USDPLNmicro	07-08-18	09:32-11:30			3.67155	07-08-18 10:08	17.58860259	Other	NA	Electronic	3.66796	3.67155
USDPLNmicro	07-08-18	11:32-13:30			3.67054	07-08-18 11:42	175.8860259	Other	NA	Electronic	3.66694	3.67054
USDPLNmicro	08-08-18	09:32-11:30			3.67316	08-08-18 09:36	527.6580776	Other	NA	Electronic	3.67316	3.67654



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	08-08-18	11:32-13:30			3.67406	08-08-18 12:11	123.1202181	Other	NA	Electronic	3.67406	3.67743
USDPLNmicro	08-08-18	13:30-13:32	3.67414	615.6010905								
USDPLNmicro	09-08-18	09:32-11:30			3.68084	09-08-18 10:26	17.58860259	Other	NA	Electronic	3.67736	3.68084
USDPLNmicro	09-08-18	11:32-13:30			3.68296	09-08-18 13:05	26.38290388	Other	NA	Electronic	3.68296	3.68644
USDPLNmicro	09-08-18	13:32-15:30			3.68756	09-08-18 13:36	17.58860259	Other	NA	Electronic	3.68756	3.69103
USDPLNmicro	09-08-18	15:32-17:30			3.69786	09-08-18 15:48	439.7150646	Other	NA	Electronic	3.69786	3.70154
USDPLNmicro	10-08-18	09:32-11:30			3.74387	10-08-18 10:09	87.94301293	Other	NA	Electronic	3.74387	3.74793
USDPLNmicro	10-08-18	11:32-13:30			3.74067	10-08-18 12:52	879.4301293	Other	NA	Electronic	3.74067	3.74503
USDPLNmicro	10-08-18	13:30-13:32	3.76062	114.3259168								
USDPLNmicro	10-08-18	15:32-17:30			3.75496	10-08-18 15:40	2638.290388	Other	NA	Electronic	3.75496	3.75914
USDPLNmicro	13-08-18	09:32-11:30			3.78477	13-08-18 10:15	87.94301293	Other	NA	Electronic	3.78477	3.78854
USDPLNmicro	13-08-18	13:32-15:30			3.76474	13-08-18 14:13	131.9145194	Other	NA	Electronic	3.76097	3.76474
USDPLNmicro	13-08-18	15:32-17:30			3.78887	13-08-18 16:35	87.94301293	Other	NA	Electronic	3.78887	3.79254
USDPLNmicro	14-08-18	09:30-09:32	3.77327	263.8290388								
USDPLNmicro	14-08-18	11:32-13:30			3.77473	14-08-18 11:46	527.6580776	Other	NA	Electronic	3.77097	3.77473

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	14-08-18	13:32-15:30			3.77807	14-08-18 14:05	527.6580776	Other	NA	Electronic	3.77807	3.78163
USDPLNmicro	14-08-18	15:32-17:30			3.79434	14-08-18 15:51	8.794301293	Other	NA	Electronic	3.79067	3.79434
USDPLNmicro	15-08-18	09:32-11:30			3.81417	15-08-18 10:13	87.94301293	Other	NA	Electronic	3.81417	3.81813
USDPLNmicro	15-08-18	11:32-13:30			3.82137	15-08-18 12:08	527.6580776	Other	NA	Electronic	3.82137	3.82513
USDPLNmicro	15-08-18	13:32-15:30			3.82923	15-08-18 13:35	87.94301293	Other	NA	Electronic	3.82527	3.82923
USDPLNmicro	15-08-18	15:32-17:30			3.83177	15-08-18 15:34	87.94301293	Other	NA	Electronic	3.83177	3.83573
USDPLNmicro	16-08-18	09:32-11:30			3.79075	16-08-18 09:36	8.794301293	Other	NA	Electronic	3.78726	3.79075
USDPLNmicro	16-08-18	11:32-13:30			3.78867	16-08-18 11:42	17.58860259	Other	NA	Electronic	3.78867	3.79243
USDPLNmicro	16-08-18	13:32-15:30			3.76987	16-08-18 13:57	17.58860259	Other	NA	Electronic	3.76987	3.77373
USDPLNmicro	17-08-18	09:32-11:30			3.78557	17-08-18 10:42	8.794301293	Other	NA	Electronic	3.78557	3.78933
USDPLNmicro	17-08-18	11:32-13:30			3.78504	17-08-18 12:39	87.94301293	Other	NA	Electronic	3.78117	3.78504
USDPLNmicro	17-08-18	13:32-15:30			3.76747	17-08-18 13:52	175.8860259	Other	NA	Electronic	3.76747	3.77153
USDPLNmicro	17-08-18	15:32-17:30			3.76993	17-08-18 15:41	175.8860259	Other	NA	Electronic	3.76616	3.76993
USDPLNmicro	20-08-18	09:32-11:30			3.77063	20-08-18 10:04	879.4301293	Other	NA	Electronic	3.76676	3.77063
USDPLNmicro	20-08-18	11:32-13:30			3.76517	20-08-18 13:21	26.38290388	Other	NA	Electronic	3.76517	3.76894

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	21-08-18	09:32-11:30			3.74193	21-08-18 09:44	17.58860259	Other	NA	Electronic	3.73807	3.74193
USDPLNmicro	21-08-18	11:32-13:30			3.73376	21-08-18 11:35	87.94301293	Other	NA	Electronic	3.73376	3.73753
USDPLNmicro	21-08-18	13:32-15:30			3.72836	21-08-18 14:12	175.8860259	Other	NA	Electronic	3.72836	3.73193
USDPLNmicro	21-08-18	15:32-17:30			3.72304	21-08-18 15:44	527.6580776	Other	NA	Electronic	3.71966	3.72304
USDPLNmicro	22-08-18	09:30-09:32	3.70073	263.8290388								
USDPLNmicro	22-08-18	11:32-13:30			3.6862	22-08-18 12:00	439.7150646	Other	NA	Electronic	3.6862	3.69004
USDPLNmicro	22-08-18	13:32-15:30			3.69403	22-08-18 13:55	17.58860259	Other	NA	Electronic	3.69027	3.69403
USDPLNmicro	22-08-18	15:32-17:30			3.69586	22-08-18 17:00	879.4301293	Other	NA	Electronic	3.69586	3.69974
USDPLNmicro	23-08-18	11:32-13:30			3.69764	23-08-18 12:07	87.94301293	Other	NA	Electronic	3.69366	3.69764
USDPLNmicro	23-08-18	13:32-15:30			3.70697	23-08-18 13:37	888.2244306	Other	NA	Electronic	3.70697	3.71078
USDPLNmicro	23-08-18	15:32-17:30			3.7135	23-08-18 17:07	87.94301293	Other	NA	Electronic	3.7135	3.71754
USDPLNmicro	24-08-18	09:32-11:30			3.69744	24-08-18 10:59	87.94301293	Other	NA	Electronic	3.69367	3.69744
USDPLNmicro	24-08-18	11:32-13:30			3.69174	24-08-18 11:40	879.4301293	Other	NA	Electronic	3.68837	3.69174
USDPLNmicro	24-08-18	13:32-15:30			3.68763	24-08-18 14:01	879.4301293	Other	NA	Electronic	3.68336	3.68763
USDPLNmicro	24-08-18	15:32-17:30			3.67296	24-08-18 16:30	43.97150646	Other	NA	Electronic	3.67296	3.67674

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	27-08-18	09:32-11:30			3.67707	27-08-18 10:07	123.1202181	Other	NA	Electronic	3.67707	3.68103
USDPLNmicro	27-08-18	11:32-13:30			3.67303	27-08-18 12:15	888.2244306	Other	NA	Electronic	3.66907	3.67303
USDPLNmicro	27-08-18	13:32-15:30			3.66654	27-08-18 13:39	888.2244306	Other	NA	Electronic	3.66291	3.66654
USDPLNmicro	27-08-18	15:32-17:30			3.65733	27-08-18 15:46	87.94301293	Other	NA	Electronic	3.65347	3.65733
USDPLNmicro	28-08-18	11:32-13:30			3.64417	28-08-18 11:54	439.7150646	Other	NA	Electronic	3.64417	3.64803
USDPLNmicro	28-08-18	13:30-13:32	3.64264	888.2244306								
USDPLNmicro	28-08-18	15:32-17:30			3.64344	28-08-18 15:49	351.7720517	Other	NA	Electronic	3.63977	3.64344
USDPLNmicro	29-08-18	09:32-11:30			3.66683	29-08-18 10:18	87.94301293	Other	NA	Electronic	3.66683	3.67054
USDPLNmicro	29-08-18	11:32-13:30			3.67453	29-08-18 12:16	8.794301293	Other	NA	Electronic	3.67077	3.67453
USDPLNmicro	29-08-18	13:32-15:30			3.67184	29-08-18 13:54	527.6580776	Other	NA	Electronic	3.67184	3.67552
USDPLNmicro	29-08-18	15:32-17:30			3.66267	29-08-18 16:48	527.6580776	Other	NA	Electronic	3.66267	3.66634
USDPLNmicro	30-08-18	09:32-11:30			3.66686	30-08-18 11:22	87.94301293	Other	NA	Electronic	3.66686	3.67034
USDPLNmicro	30-08-18	11:32-13:30			3.67067	30-08-18 11:39	87.94301293	Other	NA	Electronic	3.66707	3.67067
USDPLNmicro	30-08-18	13:32-15:30			3.68227	30-08-18 14:14	87.94301293	Other	NA	Electronic	3.68227	3.68595
USDPLNmicro	30-08-18	15:32-17:30			3.68867	30-08-18 15:58	1758.860259	Other	NA	Electronic	3.68867	3.69244

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	31-08-18	09:32-11:30			3.67971	31-08-18 09:56	8.794301293	Other	NA	Electronic	3.67971	3.68339
USDPLNmicro	31-08-18	11:32-13:30			3.68984	31-08-18 12:42	8.794301293	Other	NA	Electronic	3.68597	3.68984
USDPLNmicro	31-08-18	15:30-15:32	3.69436	879.4301293								
USDPLNmicro	03-09-18	09:30-09:32	3.70483	114.3259168								
USDPLNmicro	03-09-18	11:32-13:30			3.69764	03-09-18 11:53	8.794301293	Other	NA	Electronic	3.69384	3.69764
USDPLNmicro	03-09-18	13:32-15:30			3.69026	03-09-18 14:46	87.94301293	Other	NA	Electronic	3.69026	3.69424
USDPLNmicro	04-09-18	09:32-11:30			3.72348	04-09-18 10:14	4397.150646	Other	NA	Electronic	3.72348	3.72714
USDPLNmicro	04-09-18	11:32-13:30			3.72122	04-09-18 12:11	158.2974233	Other	NA	Electronic	3.72122	3.72493
USDPLNmicro	04-09-18	13:32-15:30			3.73166	04-09-18 14:20	17.58860259	Other	NA	Electronic	3.73166	3.73536
USDPLNmicro	04-09-18	15:32-17:30			3.71927	04-09-18 16:42	87.94301293	Other	NA	Electronic	3.71927	3.72304
USDPLNmicro	05-09-18	09:32-11:30			3.72886	05-09-18 10:49	17.58860259	Other	NA	Electronic	3.72886	3.73234
USDPLNmicro	05-09-18	11:32-13:30			3.73434	05-09-18 12:27	879.4301293	Other	NA	Electronic	3.73086	3.73434
USDPLNmicro	05-09-18	13:32-15:30			3.71563	05-09-18 13:46	158.2974233	Other	NA	Electronic	3.71226	3.71563
USDPLNmicro	05-09-18	15:32-17:30			3.72296	05-09-18 16:39	8.794301293	Other	NA	Electronic	3.72296	3.72663
USDPLNmicro	06-09-18	09:32-11:30			3.72076	06-09-18 10:17	4397.150646	Other	NA	Electronic	3.72076	3.72424

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	06-09-18	11:32-13:30			3.70984	06-09-18 11:55	8.794301293	Other	NA	Electronic	3.70646	3.70984
USDPLNmicro	06-09-18	13:32-15:30			3.70946	06-09-18 13:39	8.794301293	Other	NA	Electronic	3.70946	3.71294
USDPLNmicro	07-09-18	09:32-11:30			3.70076	07-09-18 10:03	439.7150646	Other	NA	Electronic	3.70076	3.70424
USDPLNmicro	07-09-18	11:32-13:30			3.70356	07-09-18 12:29	123.1202181	Other	NA	Electronic	3.70356	3.71094
USDPLNmicro	07-09-18	13:32-15:30			3.72994	07-09-18 13:50	263.8290388	Other	NA	Electronic	3.72656	3.72994
USDPLNmicro	07-09-18	15:32-17:30			3.72486	07-09-18 16:03	879.4301293	Other	NA	Electronic	3.72486	3.72853
USDPLNmicro	10-09-18	11:32-13:30			3.72758	10-09-18 12:30	87.94301293	Other	NA	Electronic	3.72758	3.73154
USDPLNmicro	10-09-18	13:32-15:30			3.72484	10-09-18 13:33	175.8860259	Other	NA	Electronic	3.72116	3.72484
USDPLNmicro	10-09-18	15:32-17:30			3.71947	10-09-18 16:34	175.8860259	Other	NA	Electronic	3.71946	3.72314
USDPLNmicro	11-09-18	09:32-11:30			3.71948	11-09-18 10:55	8.794301293	Other	NA	Electronic	3.71948	3.72274
USDPLNmicro	11-09-18	11:32-13:30			3.72764	11-09-18 12:06	87.94301293	Other	NA	Electronic	3.72426	3.72764
USDPLNmicro	12-09-18	09:32-11:30			3.71596	12-09-18 10:10	8.794301293	Other	NA	Electronic	3.71596	3.7194
USDPLNmicro	12-09-18	11:32-13:30			3.72097	12-09-18 12:26	184.6803271	Other	NA	Electronic	3.72097	3.72444
USDPLNmicro	12-09-18	13:32-15:30			3.70501	12-09-18 15:14	8.794301293	Other	NA	Electronic	3.70125	3.70494
USDPLNmicro	12-09-18	15:32-17:30			3.70284	12-09-18 15:38	439.7150646	Other	NA	Electronic	3.69916	3.70284

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	13-09-18	11:32-13:30			3.70791	13-09-18 12:25	43.97150646	Other	NA	Electronic	3.70791	3.71134
USDPLNmicro	13-09-18	13:32-15:30			3.68184	13-09-18 13:32	87.94301293	Other	NA	Electronic	3.67846	3.68184
USDPLNmicro	13-09-18	15:32-17:30			3.68776	13-09-18 15:51	202.2689297	Other	NA	Electronic	3.68776	3.69143
USDPLNmicro	14-09-18	11:32-13:30			3.68444	14-09-18 11:56	87.94301293	Other	NA	Electronic	3.68116	3.68444
USDPLNmicro	14-09-18	13:32-15:30			3.69286	14-09-18 14:14	87.94301293	Other	NA	Electronic	3.69276	3.69614
USDPLNmicro	14-09-18	15:32-17:30			3.70097	14-09-18 16:00	8794.301293	Other	NA	Electronic	3.69536	3.70024
USDPLNmicro	17-09-18	09:32-11:30			3.68856	17-09-18 10:16	879.4301293	Other	NA	Electronic	3.68856	3.69199
USDPLNmicro	17-09-18	11:32-13:30			3.68744	17-09-18 11:51	87.94301293	Other	NA	Electronic	3.68396	3.68744
USDPLNmicro	17-09-18	13:32-15:30			3.67934	17-09-18 14:09	87.94301293	Other	NA	Electronic	3.67596	3.67934
USDPLNmicro	17-09-18	15:32-17:30			3.68152	17-09-18 15:33	8.794301293	Other	NA	Electronic	3.67796	3.68152
USDPLNmicro	18-09-18	09:32-11:30			3.67866	18-09-18 09:39	175.8860259	Other	NA	Electronic	3.67866	3.68204
USDPLNmicro	18-09-18	11:32-13:30			3.67309	18-09-18 11:45	879.4301293	Other	NA	Electronic	3.67309	3.67664
USDPLNmicro	18-09-18	13:32-15:30			3.66416	18-09-18 13:36	263.8290388	Other	NA	Electronic	3.66416	3.66764
USDPLNmicro	18-09-18	15:32-17:30			3.67227	18-09-18 16:27	879.4301293	Other	NA	Electronic	3.67227	3.67603
USDPLNmicro	19-09-18	09:32-11:30			3.67076	19-09-18 10:03	879.4301293	Other	NA	Electronic	3.67076	3.67414

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	19-09-18	11:32-13:30			3.67996	19-09-18 12:14	17.58860259	Other	NA	Electronic	3.67996	3.68334
USDPLNmicro	19-09-18	13:32-15:30			3.68234	19-09-18 14:12	149.503122	Other	NA	Electronic	3.67896	3.68234
USDPLNmicro	19-09-18	15:32-17:30			3.66984	19-09-18 15:41	879.4301293	Other	NA	Electronic	3.66617	3.66984
USDPLNmicro	20-09-18	09:32-11:30			3.66904	20-09-18 09:37	879.4301293	Other	NA	Electronic	3.66556	3.66904
USDPLNmicro	20-09-18	11:30-11:32	3.65994	96.73731422								
USDPLNmicro	20-09-18	13:32-15:30			3.64446	20-09-18 13:32	879.4301293	Other	NA	Electronic	3.64446	3.64794
USDPLNmicro	20-09-18	15:32-17:30			3.65547	20-09-18 15:33	879.4301293	Other	NA	Electronic	3.65547	3.65904
USDPLNmicro	21-09-18	09:32-11:30			3.64374	21-09-18 10:11	43.97150646	Other	NA	Electronic	3.64036	3.64374
USDPLNmicro	21-09-18	11:32-13:30			3.64746	21-09-18 11:34	299.006244	Other	NA	Electronic	3.64746	3.65094
USDPLNmicro	21-09-18	13:30-13:32	3.66106	263.8290388								
USDPLNmicro	21-09-18	15:32-17:30			3.66336	21-09-18 15:58	1758.860259	Other	NA	Electronic	3.66336	3.66694
USDPLNmicro	24-09-18	09:30-09:32	3.66144	87.94301293								
USDPLNmicro	24-09-18	11:32-13:30			3.65536	24-09-18 11:46	17.58860259	Other	NA	Electronic	3.65536	3.65864
USDPLNmicro	24-09-18	13:32-15:30			3.65354	24-09-18 14:45	175.8860259	Other	NA	Electronic	3.65016	3.65354
USDPLNmicro	25-09-18	09:32-11:30			3.64984	25-09-18 10:23	123.1202181	Other	NA	Electronic	3.64646	3.64984



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDPLNmicro	25-09-18	11:32-13:30			3.64174	25-09-18 11:43	43.97150646	Other	NA	Electronic	3.63846	3.64174
USDPLNmicro	25-09-18	13:30-13:32	3.64254	527.6580776								
USDPLNmicro	25-09-18	15:32-17:30			3.64444	25-09-18 16:04	175.8860259	Other	NA	Electronic	3.64086	3.64444
USDPLNmicro	26-09-18	09:32-11:30			3.64656	26-09-18 11:00	43.97150646	Other	NA	Electronic	3.64656	3.64984
USDPLNmicro	26-09-18	11:32-13:30			3.64496	26-09-18 11:55	8.794301293	Other	NA	Electronic	3.64496	3.64824
USDPLNmicro	26-09-18	13:32-15:30			3.64636	26-09-18 13:51	527.6580776	Other	NA	Electronic	3.64636	3.64974
USDPLNmicro	26-09-18	15:32-17:30			3.63747	26-09-18 16:02	87.94301293	Other	NA	Electronic	3.63747	3.64114
USDPLNmicro	27-09-18	09:32-11:30			3.65366	27-09-18 10:01	87.94301293	Other	NA	Electronic	3.65366	3.65714
USDPLNmicro	27-09-18	11:32-13:30			3.65556	27-09-18 12:16	8.794301293	Other	NA	Electronic	3.65197	3.65556
USDPLNmicro	27-09-18	13:32-15:30			3.66084	27-09-18 13:58	1319.145194	Other	NA	Electronic	3.65736	3.66084
USDPLNmicro	28-09-18	09:32-11:30			3.68106	28-09-18 09:44	3517.720517	Other	NA	Electronic	3.68106	3.68434
USDPLNmicro	28-09-18	11:32-13:30			3.6916	28-09-18 11:36	3517.720517	Other	NA	Electronic	3.6916	3.69494
USDPLNmicro	28-09-18	13:32-15:30			3.68566	28-09-18 13:43	17.58860259	Other	NA	Electronic	3.68566	3.68898
USDPLNmicro	28-09-18	15:32-17:30			3.68513	28-09-18 15:40	879.4301293	Other	NA	Electronic	3.68146	3.68513
USDRUB	09-07-18	13:32-15:30			62.5237	09-07-18 13:37	8794.301293	Other	NA	Electronic	62.5237	62.937

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUB	10-07-18	09:32-11:30			62.4095	10-07-18 11:00	879.4301293	Other	NA	Electronic	62.4095	62.8215
USDRUB	10-07-18	11:32-13:30			62.7935	10-07-18 12:00	4397.150646	Other	NA	Electronic	62.383	62.7935
USDRUB	10-07-18	13:32-15:30			62.3361	10-07-18 14:26	879.4301293	Other	NA	Electronic	61.9169	62.3361
USDRUB	11-07-18	11:32-13:30			62.2501	11-07-18 11:44	87943.01293	Other	NA	Electronic	61.8365	62.2501
USDRUB	12-07-18	11:32-13:30			62.2815	12-07-18 12:54	879.4301293	Other	NA	Electronic	61.8692	62.2815
USDRUB	12-07-18	13:32-15:30			62.3055	12-07-18 14:31	8794.301293	Other	NA	Electronic	61.8915	62.3055
USDRUB	13-07-18	13:32-15:30			61.9825	13-07-18 14:47	87943.01293	Other	NA	Electronic	61.9825	62.4044
USDRUB	17-07-18	13:32-15:30			62.287	17-07-18 14:28	4397.150646	Other	NA	Electronic	62.287	62.7015
USDRUB	18-07-18	09:32-11:30			62.805	18-07-18 11:20	4397.150646	Other	NA	Electronic	62.805	63.2175
USDRUB	27-07-18	09:32-11:30			63.2084	27-07-18 10:30	1758.860259	Other	NA	Electronic	62.7924	63.2084
USDRUB	27-07-18	11:32-13:30			62.809	27-07-18 12:29	1758.860259	Other	NA	Electronic	62.7633	63.2658
USDRUB	30-07-18	11:32-13:30			62.2755	30-07-18 11:40	879.4301293	Other	NA	Electronic	62.2755	62.6886
USDRUB	30-07-18	13:32-15:30			62.062	30-07-18 13:58	879.4301293	Other	NA	Electronic	62.062	62.4731
USDRUB	31-07-18	13:32-15:30			62.777	31-07-18 13:50	879.4301293	Other	NA	Electronic	62.3605	62.7812
USDRUB	01-08-18	11:32-13:30			63.0486	01-08-18 12:52	1758.860259	Other	NA	Electronic	62.638	63.0498

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUB	02-08-18	09:32-11:30			63.5206	02-08-18 09:45	879.4301293	Other	NA	Electronic	63.1089	63.5206
USDRUB	02-08-18	11:32-13:30			63.0174	02-08-18 12:33	879.4301293	Other	NA	Electronic	63.0174	63.4311
USDRUB	03-08-18	09:32-11:30			63.6734	03-08-18 09:35	3517.720517	Other	NA	Electronic	63.259	63.6722
USDRUB	03-08-18	13:32-15:30			62.965	03-08-18 14:36	4397.150646	Other	NA	Electronic	62.965	63.3815
USDRUB	07-08-18	11:32-13:30			63.1967	07-08-18 12:09	1758.860259	Other	NA	Electronic	63.1967	63.6074
USDRUB	08-08-18	09:30-09:32	63.875	3517.720517								
USDRUB	08-08-18	11:32-13:30			64.349	08-08-18 11:34	8794.301293	Other	NA	Electronic	64.349	64.768
USDRUB	08-08-18	13:32-15:30			64.565	08-08-18 14:45	1758.860259	Other	NA	Electronic	64.565	64.981
USDRUB	09-08-18	09:32-11:30			65.6635	09-08-18 09:54	1758.860259	Other	NA	Electronic	65.6635	66.0825
USDRUB	10-08-18	09:32-11:30			66.695	10-08-18 11:16	8794.301293	Other	NA	Electronic	66.695	67.111
USDRUB	13-08-18	09:32-11:30			68.193	13-08-18 10:33	879.4301293	Other	NA	Electronic	67.772	68.193
USDRUB	13-08-18	11:32-13:30			68.188	13-08-18 12:06	879.4301293	Other	NA	Electronic	67.764	68.188
USDRUB	13-08-18	13:32-15:30			67.3745	13-08-18 13:44	879.4301293	Other	NA	Electronic	67.3745	67.8005
USDRUB	14-08-18	09:32-11:30			66.5615	14-08-18 09:41	17588.60259	Other	NA	Electronic	66.5615	66.971
USDRUB	14-08-18	13:32-15:30			66.8535	14-08-18 13:43	8794.301293	Other	NA	Electronic	66.4295	66.8535

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUB	15-08-18	11:32-13:30			66.8875	15-08-18 12:05	879.4301293	Other	NA	Electronic	66.8875	67.306
USDRUB	15-08-18	13:32-15:30			67.477	15-08-18 13:44	879.4301293	Other	NA	Electronic	67.0635	67.477
USDRUB	16-08-18	11:32-13:30			66.837	16-08-18 11:54	879.4301293	Other	NA	Electronic	66.837	67.2555
USDRUB	16-08-18	13:32-15:30			66.5155	16-08-18 13:52	4397.150646	Other	NA	Electronic	66.5155	66.938
USDRUB	17-08-18	09:32-11:30			66.9985	17-08-18 10:38	1758.860259	Other	NA	Electronic	66.9985	67.4175
USDRUB	17-08-18	13:32-15:30			67.2575	17-08-18 14:20	879.4301293	Other	NA	Electronic	67.257	67.678
USDRUB	20-08-18	11:32-13:30			67.379	20-08-18 11:59	879.4301293	Other	NA	Electronic	66.9645	67.379
USDRUB	22-08-18	13:32-15:30			67.658	22-08-18 13:52	1758.860259	Other	NA	Electronic	67.658	68.0785
USDRUB	23-08-18	09:32-11:30			67.3695	23-08-18 10:57	879.4301293	Other	NA	Electronic	67.3695	67.7995
USDRUB	23-08-18	11:32-13:30			67.684	23-08-18 12:14	13191.45194	Other	NA	Electronic	67.684	68.1085
USDRUB	24-08-18	13:32-15:30			67.2025	24-08-18 14:08	1758.860259	Other	NA	Electronic	67.2025	67.628
USDRUB	27-08-18	13:32-15:30			67.276	27-08-18 14:13	879.4301293	Other	NA	Electronic	66.858	67.2765
USDRUB	28-08-18	09:32-11:30			67.6805	28-08-18 10:48	17588.60259	Other	NA	Electronic	67.264	67.6805
USDRUB	28-08-18	13:30-13:32	67.203	17588.60259								
USDRUB	31-08-18	13:32-15:30			67.4365	31-08-18 14:07	1758.860259	Other	NA	Electronic	67.4365	67.8525

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUB	06-09-18	11:32-13:30			69.2055	06-09-18 13:19	879.4301293	Other	NA	Electronic	68.7895	69.2055
USDRUB	07-09-18	09:32-11:30			69.296	07-09-18 10:24	1758.860259	Other	NA	Electronic	68.8775	69.296
USDRUB	07-09-18	11:32-13:30			69.309	07-09-18 13:22	7914.871163	Other	NA	Electronic	69.309	69.725
USDRUB	10-09-18	09:32-11:30			70.5395	10-09-18 10:26	8794.301293	Other	NA	Electronic	70.117	70.5395
USDRUB	10-09-18	11:32-13:30			70	10-09-18 11:36	8794.301293	Other	NA	Electronic	70	70.416
USDRUB	11-09-18	09:32-11:30			70.368	11-09-18 09:50	1758.860259	Other	NA	Electronic	69.942	70.368
USDRUB	11-09-18	11:32-13:30			69.8945	11-09-18 11:43	879.4301293	Other	NA	Electronic	69.8945	70.3105
USDRUB	12-09-18	09:32-11:30			69.238	12-09-18 10:12	879.4301293	Other	NA	Electronic	69.238	69.6555
USDRUB	13-09-18	09:30-09:32	68.8805	879.4301293								
USDRUB	13-09-18	11:32-13:30			67.9815	13-09-18 11:37	879.4301293	Other	NA	Electronic	67.9815	68.401
USDRUB	14-09-18	09:32-11:30			67.931	14-09-18 10:41	879.4301293	Other	NA	Electronic	67.5095	67.931
USDRUB	18-09-18	09:32-11:30			67.93	18-09-18 09:35	4397.150646	Other	NA	Electronic	67.512	67.93
USDRUB	20-09-18	11:32-13:30			66.568	20-09-18 13:05	879.4301293	Other	NA	Electronic	66.1505	66.568
USDRUB	21-09-18	09:32-11:30			66.8715	21-09-18 11:23	879.4301293	Other	NA	Electronic	66.4555	66.8715
USDRUB	21-09-18	13:32-15:30			66.927	21-09-18 13:34	8794.301293	Other	NA	Electronic	66.507	66.927

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUB	24-09-18	09:32-11:30			65.737	24-09-18 10:27	879.4301293	Other	NA	Electronic	65.737	66.1535
USDRUB.	14-09-18	09:32-11:30			68.1335	14-09-18 10:32	18468.03271	Other	NA	Electronic	67.8425	68.1335
USDRUBmicro	02-07-18	09:32-11:30			62.9415	02-07-18 10:30	8.794301293	Other	NA	Electronic	62.9415	63.3575
USDRUBmicro	03-07-18	09:32-11:30			63.0524	03-07-18 10:15	87.94301293	Other	NA	Electronic	63.0519	63.4738
USDRUBmicro	03-07-18	11:32-13:30			62.9311	03-07-18 13:04	615.6010905	Other	NA	Electronic	62.9311	63.3506
USDRUBmicro	03-07-18	13:32-15:30			63.431	03-07-18 14:02	615.6010905	Other	NA	Electronic	63.0108	63.431
USDRUBmicro	05-07-18	09:32-11:30			63.389	05-07-18 11:04	8.794301293	Other	NA	Electronic	62.983	63.389
USDRUBmicro	06-07-18	09:32-11:30			63.0049	06-07-18 11:28	879.4301293	Other	NA	Electronic	63.0049	63.42
USDRUBmicro	06-07-18	13:32-15:30			63.259	06-07-18 13:40	219.8575323	Other	NA	Electronic	62.8472	63.259
USDRUBmicro	09-07-18	13:32-15:30			62.999	09-07-18 13:58	8.794301293	Other	NA	Electronic	62.5874	62.999
USDRUBmicro	10-07-18	09:32-11:30			62.288	10-07-18 10:17	87.94301293	Other	NA	Electronic	62.288	62.706
USDRUBmicro	10-07-18	11:32-13:30			62.7301	10-07-18 13:05	43.97150646	Other	NA	Electronic	62.319	62.7301
USDRUBmicro	11-07-18	11:32-13:30			61.8219	11-07-18 11:45	8.794301293	Other	NA	Electronic	61.8219	62.2336
USDRUBmicro	11-07-18	13:32-15:30			61.5134	11-07-18 14:10	879.4301293	Other	NA	Electronic	61.5134	61.926
USDRUBmicro	12-07-18	09:32-11:30			62.3812	12-07-18 11:13	158.2974233	Other	NA	Electronic	61.9665	62.3812

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	12-07-18	11:32-13:30			61.9556	12-07-18 11:36	8.794301293	Other	NA	Electronic	61.9556	62.3673
USDRUBmicro	16-07-18	09:32-11:30			62.4606	16-07-18 10:51	87.94301293	Other	NA	Electronic	62.049	62.4606
USDRUBmicro	16-07-18	11:32-13:30			62.0788	16-07-18 12:41	87.94301293	Other	NA	Electronic	62.0788	62.4868
USDRUBmicro	17-07-18	09:32-11:30			62.694	17-07-18 09:37	879.4301293	Other	NA	Electronic	62.284	62.694
USDRUBmicro	17-07-18	11:32-13:30			62.2879	17-07-18 12:20	879.4301293	Other	NA	Electronic	62.2879	62.7032
USDRUBmicro	17-07-18	13:32-15:30			62.274	17-07-18 14:06	87.94301293	Other	NA	Electronic	62.274	62.686
USDRUBmicro	18-07-18	11:32-13:30			62.8617	18-07-18 13:25	87.94301293	Other	NA	Electronic	62.8617	63.281
USDRUBmicro	25-07-18	11:32-13:30			63.12	25-07-18 12:20	879.4301293	Other	NA	Electronic	62.7117	63.1209
USDRUBmicro	27-07-18	09:32-11:30			63.2487	27-07-18 11:21	263.8290388	Other	NA	Electronic	62.8367	63.248
USDRUBmicro	27-07-18	11:32-13:30			62.6439	27-07-18 13:10	263.8290388	Other	NA	Electronic	62.6439	63.0636
USDRUBmicro	30-07-18	09:32-11:30			62.8717	30-07-18 10:18	87.94301293	Other	NA	Electronic	62.462	62.8717
USDRUBmicro	30-07-18	11:32-13:30			62.2495	30-07-18 11:53	879.4301293	Other	NA	Electronic	62.2495	62.6638
USDRUBmicro	30-07-18	13:32-15:30			62.4261	30-07-18 13:54	1758.860259	Other	NA	Electronic	62.0068	62.4261
USDRUBmicro	01-08-18	09:32-11:30			62.444	01-08-18 10:20	87.94301293	Other	NA	Electronic	62.444	62.8544
USDRUBmicro	01-08-18	11:32-13:30			62.5448	01-08-18 11:45	879.4301293	Other	NA	Electronic	62.5448	62.9574

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	01-08-18	13:32-15:30			62.684	01-08-18 13:50	8.794301293	Other	NA	Electronic	62.684	63.096
USDRUBmicro	06-08-18	11:32-13:30			63.5372	06-08-18 12:50	8.794301293	Other	NA	Electronic	63.5372	63.9495
USDRUBmicro	07-08-18	09:32-11:30			63.3121	07-08-18 10:38	439.7150646	Other	NA	Electronic	63.3121	63.7244
USDRUBmicro	08-08-18	09:32-11:30			63.8625	08-08-18 09:35	43.97150646	Other	NA	Electronic	63.8625	64.2815
USDRUBmicro	08-08-18	11:32-13:30			64.4495	08-08-18 12:03	17.58860259	Other	NA	Electronic	64.4495	64.871
USDRUBmicro	08-08-18	13:32-15:30			64.309	08-08-18 13:49	439.7150646	Other	NA	Electronic	64.309	64.728
USDRUBmicro	09-08-18	11:32-13:30			66.191	09-08-18 12:26	87.94301293	Other	NA	Electronic	65.7785	66.191
USDRUBmicro	09-08-18	13:32-15:30			66.324	09-08-18 13:48	4485.093659	Other	NA	Electronic	65.912	66.324
USDRUBmicro	10-08-18	09:32-11:30			67.121	10-08-18 09:55	1319.145194	Other	NA	Electronic	66.7035	67.121
USDRUBmicro	10-08-18	11:32-13:30			67.086	10-08-18 11:43	87.94301293	Other	NA	Electronic	66.6675	67.086
USDRUBmicro	10-08-18	13:30-13:32	67.4475	131.9145194								
USDRUBmicro	13-08-18	09:32-11:30			67.9505	13-08-18 11:02	8.794301293	Other	NA	Electronic	67.9505	68.376
USDRUBmicro	13-08-18	11:32-13:30			67.753	13-08-18 12:35	219.8575323	Other	NA	Electronic	67.3245	67.753
USDRUBmicro	13-08-18	13:32-15:30			67.843	13-08-18 13:51	8.794301293	Other	NA	Electronic	67.423	67.843
USDRUBmicro	14-08-18	09:32-11:30			66.573	14-08-18 10:52	8.794301293	Other	NA	Electronic	66.573	66.9885



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	14-08-18	11:32-13:30			66.8535	14-08-18 11:43	8.794301293	Other	NA	Electronic	66.4385	66.8535
USDRUBmicro	15-08-18	09:32-11:30			66.6065	15-08-18 10:02	8.794301293	Other	NA	Electronic	66.6065	67.025
USDRUBmicro	15-08-18	11:32-13:30			67.3105	15-08-18 12:53	879.4301293	Other	NA	Electronic	66.893	67.3105
USDRUBmicro	15-08-18	13:32-15:30			67.4135	15-08-18 13:33	175.8860259	Other	NA	Electronic	66.9935	67.4135
USDRUBmicro	17-08-18	11:32-13:30			67.23	17-08-18 11:41	263.8290388	Other	NA	Electronic	67.23	67.6465
USDRUBmicro	20-08-18	11:32-13:30			67.4685	20-08-18 12:39	8794.301293	Other	NA	Electronic	67.054	67.4685
USDRUBmicro	21-08-18	09:32-11:30			67.202	21-08-18 09:39	255.0347375	Other	NA	Electronic	67.202	67.622
USDRUBmicro	21-08-18	11:32-13:30			67.277	21-08-18 12:55	87.94301293	Other	NA	Electronic	67.277	67.6955
USDRUBmicro	21-08-18	13:32-15:30			67.317	21-08-18 14:10	8.794301293	Other	NA	Electronic	67.317	67.732
USDRUBmicro	22-08-18	09:32-11:30			67.6795	22-08-18 10:48	8.794301293	Other	NA	Electronic	67.6795	68.098
USDRUBmicro	22-08-18	11:32-13:30			67.697	22-08-18 13:08	879.4301293	Other	NA	Electronic	67.697	68.1135
USDRUBmicro	22-08-18	13:32-15:30			67.9995	22-08-18 13:41	439.7150646	Other	NA	Electronic	67.5795	67.9995
USDRUBmicro	23-08-18	09:32-11:30			69.041	23-08-18 09:42	448.5093659	Other	NA	Electronic	68.6165	69.041
USDRUBmicro	23-08-18	13:32-15:30			67.6065	23-08-18 13:49	175.8860259	Other	NA	Electronic	67.6065	68.0305
USDRUBmicro	24-08-18	13:32-15:30			67.6915	24-08-18 14:52	879.4301293	Other	NA	Electronic	67.272	67.6915

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	27-08-18	11:32-13:30			67.5445	27-08-18 11:35	351.7720517	Other	NA	Electronic	67.13	67.5445
USDRUBmicro	27-08-18	13:32-15:30			67.2905	27-08-18 13:34	52.76580776	Other	NA	Electronic	66.8745	67.2905
USDRUBmicro	29-08-18	09:32-11:30			67.905	29-08-18 11:03	87.94301293	Other	NA	Electronic	67.905	68.32
USDRUBmicro	30-08-18	09:32-11:30			68.3555	30-08-18 10:26	1204.819277	Other	NA	Electronic	67.94	68.3555
USDRUBmicro	30-08-18	13:32-15:30			68.377	30-08-18 13:50	263.8290388	Other	NA	Electronic	67.9545	68.377
USDRUBmicro	31-08-18	13:32-15:30			67.5915	31-08-18 13:55	263.8290388	Other	NA	Electronic	67.5915	68.005
USDRUBmicro	06-09-18	09:32-11:30			68.1405	06-09-18 11:28	879.4301293	Other	NA	Electronic	68.1405	68.5525
USDRUBmicro	06-09-18	11:32-13:30			68.9065	06-09-18 13:06	879.4301293	Other	NA	Electronic	68.49	68.9065
USDRUBmicro	06-09-18	13:32-15:30			68.751	06-09-18 13:44	8794.301293	Other	NA	Electronic	68.751	69.173
USDRUBmicro	10-09-18	09:32-11:30			70.0055	10-09-18 09:33	17.58860259	Other	NA	Electronic	69.5875	70.0055
USDRUBmicro	10-09-18	11:32-13:30			70.403	10-09-18 11:37	17.58860259	Other	NA	Electronic	69.9875	70.403
USDRUBmicro	10-09-18	13:30-13:32	70.543	879.4301293								
USDRUBmicro	11-09-18	09:32-11:30			69.8995	11-09-18 11:11	17.58860259	Other	NA	Electronic	69.8995	70.3155
USDRUBmicro	11-09-18	11:32-13:30			69.9595	11-09-18 13:08	8.794301293	Other	NA	Electronic	69.9595	70.3775
USDRUBmicro	12-09-18	09:32-11:30			69.202	12-09-18 09:56	879.4301293	Other	NA	Electronic	69.202	69.6205

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	13-09-18	11:32-13:30			68.308	13-09-18 13:05	175.8860259	Other	NA	Electronic	67.8885	68.308
USDRUBmicro	13-09-18	13:30-13:32	68.2875	879.4301293								
USDRUBmicro	14-09-18	09:32-11:30			68.578	14-09-18 09:51	87.94301293	Other	NA	Electronic	68.1615	68.578
USDRUBmicro	14-09-18	11:32-13:30			67.938	14-09-18 11:34	10553.16155	Other	NA	Electronic	67.52	67.938
USDRUBmicro	19-09-18	11:32-13:30			66.499	19-09-18 13:22	439.7150646	Other	NA	Electronic	66.499	66.916
USDRUBmicro	20-09-18	09:32-11:30			66.4855	20-09-18 09:35	8.794301293	Other	NA	Electronic	66.0645	66.4855
USDRUBmicro	20-09-18	11:32-13:30			66.202	20-09-18 13:26	87.94301293	Other	NA	Electronic	66.202	66.622
USDRUBmicro	20-09-18	13:32-15:30			66.638	20-09-18 13:38	8.794301293	Other	NA	Electronic	66.212	66.638
USDRUBmicro	21-09-18	09:32-11:30			66.1485	21-09-18 09:50	747.5156099	Other	NA	Electronic	66.1485	66.5665
USDRUBmicro	24-09-18	13:30-13:32	65.5525	87.94301293								
USDRUBmicro	25-09-18	09:32-11:30			66.0065	25-09-18 10:25	87.94301293	Other	NA	Electronic	65.5895	66.0065
USDRUBmicro	26-09-18	09:32-11:30			66.0925	26-09-18 11:06	439.7150646	Other	NA	Electronic	65.6755	66.0925
USDRUBmicro	26-09-18	11:32-13:30			65.658	26-09-18 11:33	439.7150646	Other	NA	Electronic	65.658	66.0755
USDRUBmicro	27-09-18	11:32-13:30			65.959	27-09-18 12:53	87.94301293	Other	NA	Electronic	65.5395	65.959
USDRUBmicro	28-09-18	11:32-13:30			65.4865	28-09-18 13:16	184.6803271	Other	NA	Electronic	65.4865	65.9005

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDRUBmicro	28-09-18	13:32-15:30			65.929	28-09-18 13:40	747.5156099	Other	NA	Electronic	65.514	65.929
USDSEK	02-07-18	09:32-11:30			8.96469	02-07-18 09:48	57162.9584	Other	NA	Electronic	8.96469	8.96892
USDSEK	02-07-18	15:32-17:30			9.00084	02-07-18 15:45	879.4301293	Other	NA	Electronic	9.00084	9.00507
USDSEK	03-07-18	09:32-11:30			8.84907	03-07-18 09:41	8794.301293	Other	NA	Electronic	8.84923	8.85345
USDSEK	03-07-18	11:32-13:30			8.83689	03-07-18 11:57	26382.90388	Other	NA	Electronic	8.83277	8.83689
USDSEK	03-07-18	13:32-15:30			8.83756	03-07-18 14:41	8794.301293	Other	NA	Electronic	8.83756	8.84178
USDSEK	03-07-18	15:32-17:30			8.82885	03-07-18 15:45	8794.301293	Other	NA	Electronic	8.82463	8.82885
USDSEK	04-07-18	09:32-11:30			8.81966	04-07-18 10:21	879.4301293	Other	NA	Electronic	8.81966	8.82385
USDSEK	04-07-18	11:32-13:30			8.80047	04-07-18 12:24	879.4301293	Other	NA	Electronic	8.80047	8.80508
USDSEK	04-07-18	15:32-17:30			8.79118	04-07-18 16:02	879.4301293	Other	NA	Electronic	8.78675	8.79118
USDSEK	05-07-18	09:32-11:30			8.74209	05-07-18 11:03	8794.301293	Other	NA	Electronic	8.73812	8.74209
USDSEK	05-07-18	11:32-13:30			8.73577	05-07-18 11:51	879.4301293	Other	NA	Electronic	8.73577	8.73999
USDSEK	05-07-18	13:32-15:30			8.737	05-07-18 13:48	879.4301293	Other	NA	Electronic	8.737	8.74093
USDSEK	06-07-18	09:32-11:30			8.78821	06-07-18 10:33	879.4301293	Other	NA	Electronic	8.78821	8.79246
USDSEK	06-07-18	11:32-13:30			8.7806	06-07-18 11:41	8794.301293	Other	NA	Electronic	8.78071	8.78437

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	06-07-18	13:32-15:30			8.73297	06-07-18 14:17	17588.60259	Other	NA	Electronic	8.72844	8.73297
USDSEK	06-07-18	15:32-17:30			8.72451	06-07-18 16:02	17588.60259	Other	NA	Electronic	8.72451	8.72965
USDSEK	09-07-18	09:32-11:30			8.71142	09-07-18 10:24	879.4301293	Other	NA	Electronic	8.70721	8.71142
USDSEK	09-07-18	13:32-15:30			8.72326	09-07-18 13:34	879.4301293	Other	NA	Electronic	8.72326	8.72747
USDSEK	10-07-18	09:32-11:30			8.75366	10-07-18 11:05	879.4301293	Other	NA	Electronic	8.74944	8.75366
USDSEK	10-07-18	13:32-15:30			8.75686	10-07-18 13:43	879.4301293	Other	NA	Electronic	8.75686	8.76095
USDSEK	10-07-18	15:32-17:30			8.74124	10-07-18 15:44	879.4301293	Other	NA	Electronic	8.74124	8.74546
USDSEK	11-07-18	09:32-11:30			8.7826	11-07-18 10:03	879.4301293	Other	NA	Electronic	8.7826	8.78722
USDSEK	11-07-18	11:32-13:30			8.78094	11-07-18 12:04	1758.860259	Other	NA	Electronic	8.77614	8.78094
USDSEK	11-07-18	13:32-15:30			8.76765	11-07-18 14:55	879.4301293	Other	NA	Electronic	8.7676	8.77181
USDSEK	11-07-18	15:32-17:30			8.785	11-07-18 15:32	11432.59168	Other	NA	Electronic	8.785	8.78922
USDSEK	12-07-18	09:32-11:30			8.85245	12-07-18 09:40	879.4301293	Other	NA	Electronic	8.85245	8.85665
USDSEK	12-07-18	11:32-13:30			8.87412	12-07-18 11:37	879.4301293	Other	NA	Electronic	8.8699	8.87412
USDSEK	12-07-18	13:32-15:30			8.87846	12-07-18 13:57	17588.60259	Other	NA	Electronic	8.87809	8.88228
USDSEK	12-07-18	15:32-17:30			8.85534	12-07-18 15:36	879.4301293	Other	NA	Electronic	8.85112	8.85534

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	13-07-18	09:32-11:30			8.91825	13-07-18 09:35	8794.301293	Other	NA	Electronic	8.91825	8.92215
USDSEK	13-07-18	11:32-13:30			8.91705	13-07-18 13:15	879.4301293	Other	NA	Electronic	8.91282	8.91705
USDSEK	13-07-18	13:32-15:30			8.91981	13-07-18 13:41	4397.150646	Other	NA	Electronic	8.91981	8.92403
USDSEK	13-07-18	15:30-15:32	8.89918	2638.290388								
USDSEK	16-07-18	09:32-11:30			8.83555	16-07-18 10:04	43971.50646	Other	NA	Electronic	8.83134	8.83555
USDSEK	16-07-18	11:32-13:30			8.81653	16-07-18 12:52	87943.01293	Other	NA	Electronic	8.81653	8.82055
USDSEK	16-07-18	13:32-15:30			8.81525	16-07-18 14:05	8794.301293	Other	NA	Electronic	8.81104	8.81525
USDSEK	16-07-18	15:32-17:30			8.82912	16-07-18 15:36	4397.150646	Other	NA	Electronic	8.82508	8.82912
USDSEK	17-07-18	09:32-11:30			8.78584	17-07-18 09:54	4397.150646	Other	NA	Electronic	8.78163	8.78584
USDSEK	17-07-18	11:32-13:30			8.79713	17-07-18 12:12	1758.860259	Other	NA	Electronic	8.79713	8.80135
USDSEK	17-07-18	13:32-15:30			8.80855	17-07-18 13:44	11432.59168	Other	NA	Electronic	8.80438	8.80855
USDSEK	17-07-18	15:32-17:30			8.82278	17-07-18 15:48	1758.860259	Other	NA	Electronic	8.81856	8.82278
USDSEK	18-07-18	09:32-11:30			8.8748	18-07-18 10:33	8794.301293	Other	NA	Electronic	8.87057	8.8748
USDSEK	18-07-18	11:32-13:30			8.86724	18-07-18 11:44	2638.290388	Other	NA	Electronic	8.86724	8.87147
USDSEK	18-07-18	13:32-15:30			8.87327	18-07-18 14:37	8794.301293	Other	NA	Electronic	8.86904	8.87327

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	19-07-18	11:32-13:30			8.9358	19-07-18 11:54	3517.720517	Other	NA	Electronic	8.93148	8.9358
USDSEK	19-07-18	13:32-15:30			8.94875	19-07-18 15:28	8794.301293	Other	NA	Electronic	8.94451	8.94875
USDSEK	19-07-18	15:32-17:30			8.92015	19-07-18 17:05	8794.301293	Other	NA	Electronic	8.92015	8.92455
USDSEK	20-07-18	09:32-11:30			8.89785	20-07-18 09:37	1758.860259	Other	NA	Electronic	8.89363	8.89785
USDSEK	20-07-18	13:32-15:30			8.85914	20-07-18 13:36	879.4301293	Other	NA	Electronic	8.85914	8.86328
USDSEK	20-07-18	15:32-17:30			8.87414	20-07-18 15:44	879.4301293	Other	NA	Electronic	8.87003	8.87418
USDSEK	23-07-18	11:32-13:30			8.83551	23-07-18 12:03	5276.580776	Other	NA	Electronic	8.83129	8.83551
USDSEK	24-07-18	09:32-11:30			8.84754	24-07-18 09:51	36056.6353	Other	NA	Electronic	8.84754	8.85176
USDSEK	24-07-18	15:32-17:30			8.82858	24-07-18 15:49	879.4301293	Other	NA	Electronic	8.82436	8.82858
USDSEK	25-07-18	09:32-11:30			8.79104	25-07-18 09:35	879.4301293	Other	NA	Electronic	8.79104	8.79525
USDSEK	25-07-18	11:32-13:30			8.80549	25-07-18 12:24	87943.01293	Other	NA	Electronic	8.80151	8.80549
USDSEK	25-07-18	13:32-15:30			8.8169	25-07-18 14:58	8794.301293	Other	NA	Electronic	8.81268	8.8169
USDSEK	25-07-18	15:32-17:30			8.80383	25-07-18 16:00	8794.301293	Other	NA	Electronic	8.80383	8.80809
USDSEK	26-07-18	11:30-11:32	8.77592	879.4301293								
USDSEK	26-07-18	13:32-15:30			8.80049	26-07-18 14:10	879.4301293	Other	NA	Electronic	8.79604	8.80024

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	27-07-18	09:32-11:30			8.84401	27-07-18 09:35	879.4301293	Other	NA	Electronic	8.84401	8.84824
USDSEK	27-07-18	13:32-15:30			8.83018	27-07-18 14:13	879.4301293	Other	NA	Electronic	8.83018	8.83441
USDSEK	27-07-18	15:32-17:30			8.83954	27-07-18 15:46	879.4301293	Other	NA	Electronic	8.83571	8.83988
USDSEK	30-07-18	09:32-11:30			8.75984	30-07-18 10:12	4397.150646	Other	NA	Electronic	8.75984	8.76402
USDSEK	30-07-18	13:32-15:30			8.76375	30-07-18 13:52	17588.60259	Other	NA	Electronic	8.76016	8.76388
USDSEK	31-07-18	13:32-15:30			8.76565	31-07-18 13:49	4397.150646	Other	NA	Electronic	8.76565	8.76983
USDSEK	31-07-18	15:32-17:30			8.79205	31-07-18 16:15	4397.150646	Other	NA	Electronic	8.78755	8.79205
USDSEK	01-08-18	11:32-13:30			8.80895	01-08-18 12:53	2638.290388	Other	NA	Electronic	8.80895	8.81273
USDSEK	01-08-18	13:32-15:30			8.80604	01-08-18 13:41	1758.860259	Other	NA	Electronic	8.80604	8.81019
USDSEK	02-08-18	11:32-13:30			8.86309	02-08-18 11:35	6156.010905	Other	NA	Electronic	8.85894	8.86309
USDSEK	02-08-18	13:32-15:30			8.86625	02-08-18 14:23	6156.010905	Other	NA	Electronic	8.86625	8.87036
USDSEK	03-08-18	13:32-15:30			8.89763	03-08-18 14:24	879.4301293	Other	NA	Electronic	8.89763	8.90182
USDSEK	06-08-18	09:32-11:30			8.92796	06-08-18 10:23	17588.60259	Other	NA	Electronic	8.92375	8.92796
USDSEK	07-08-18	13:32-15:30			8.91432	07-08-18 15:03	21985.75323	Other	NA	Electronic	8.91432	8.91855
USDSEK	08-08-18	11:32-13:30			8.96527	08-08-18 11:57	879.4301293	Other	NA	Electronic	8.96104	8.96527



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	09-08-18	15:32-17:30			8.99464	09-08-18 17:24	879.4301293	Other	NA	Electronic	8.98947	8.99464
USDSEK	10-08-18	11:32-13:30			9.11543	10-08-18 12:49	17588.60259	Other	NA	Electronic	9.1101	9.11543
USDSEK	10-08-18	15:32-17:30			9.14052	10-08-18 17:02	8794.301293	Other	NA	Electronic	9.13518	9.14052
USDSEK	13-08-18	11:32-13:30			9.14	13-08-18 11:54	26382.90388	Other	NA	Electronic	9.13424	9.14
USDSEK	13-08-18	13:32-15:30			9.10591	13-08-18 13:41	43971.50646	Other	NA	Electronic	9.1007	9.10591
USDSEK	13-08-18	15:32-17:30			9.14176	13-08-18 16:07	8794.301293	Other	NA	Electronic	9.13657	9.14176
USDSEK	14-08-18	09:32-11:30			9.07981	14-08-18 10:28	879.4301293	Other	NA	Electronic	9.07981	9.08534
USDSEK	14-08-18	11:32-13:30			9.09454	14-08-18 13:21	1758.860259	Other	NA	Electronic	9.09454	9.09964
USDSEK	14-08-18	13:32-15:30			9.09546	14-08-18 13:42	26382.90388	Other	NA	Electronic	9.09546	9.10068
USDSEK	14-08-18	15:32-17:30			9.12629	14-08-18 15:45	1758.860259	Other	NA	Electronic	9.12114	9.12629
USDSEK	15-08-18	09:32-11:30			9.18887	15-08-18 10:32	879.4301293	Other	NA	Electronic	9.18887	9.19407
USDSEK	15-08-18	11:32-13:30			9.19374	15-08-18 11:35	879.4301293	Other	NA	Electronic	9.19374	9.19888
USDSEK	15-08-18	13:32-15:30			9.20704	15-08-18 13:33	879.4301293	Other	NA	Electronic	9.20186	9.20704
USDSEK	15-08-18	15:32-17:30			9.21556	15-08-18 17:05	879.4301293	Other	NA	Electronic	9.21566	9.22165
USDSEK	16-08-18	13:32-15:30			9.17432	16-08-18 14:17	8794.301293	Other	NA	Electronic	9.16943	9.17432

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	17-08-18	09:32-11:30			9.18927	17-08-18 09:45	8794.301293	Other	NA	Electronic	9.18927	9.1944
USDSEK	17-08-18	11:32-13:30			9.21045	17-08-18 12:12	8794.301293	Other	NA	Electronic	9.21045	9.2156
USDSEK	17-08-18	13:32-15:30			9.18391	17-08-18 14:20	2638.290388	Other	NA	Electronic	9.18391	9.18904
USDSEK	20-08-18	09:32-11:30			9.20008	20-08-18 10:30	8794.301293	Other	NA	Electronic	9.19491	9.20008
USDSEK	21-08-18	11:32-13:30			9.14092	21-08-18 12:11	879.4301293	Other	NA	Electronic	9.13564	9.14092
USDSEK	22-08-18	09:32-11:30			9.07372	22-08-18 11:01	3517.720517	Other	NA	Electronic	9.06855	9.07372
USDSEK	22-08-18	13:32-15:30			9.0718	22-08-18 13:43	2638.290388	Other	NA	Electronic	9.06617	9.0718
USDSEK	22-08-18	15:32-17:30			9.07306	22-08-18 15:32	879.4301293	Other	NA	Electronic	9.07306	9.07783
USDSEK	23-08-18	09:32-11:30			9.07231	23-08-18 10:51	3517.720517	Other	NA	Electronic	9.06683	9.07231
USDSEK	23-08-18	11:32-13:30			9.07876	23-08-18 12:08	1758.860259	Other	NA	Electronic	9.07876	9.08431
USDSEK	23-08-18	13:32-15:30			9.10752	23-08-18 14:11	879.4301293	Other	NA	Electronic	9.10226	9.10752
USDSEK	23-08-18	15:32-17:30			9.11546	23-08-18 15:36	1758.860259	Other	NA	Electronic	9.11546	9.12088
USDSEK	24-08-18	13:32-15:30			9.11808	24-08-18 14:03	879.4301293	Other	NA	Electronic	9.11856	9.12439
USDSEK	30-08-18	09:32-11:30			9.11004	30-08-18 09:50	879.4301293	Other	NA	Electronic	9.10494	9.11004
USDSEK	30-08-18	11:32-13:30			9.12051	30-08-18 11:41	879.4301293	Other	NA	Electronic	9.11587	9.12051

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	30-08-18	13:32-15:30			9.1318	30-08-18 14:51	879.4301293	Other	NA	Electronic	9.12716	9.1318
USDSEK	31-08-18	11:32-13:30			9.11803	31-08-18 13:23	4397.150646	Other	NA	Electronic	9.11803	9.12255
USDSEK	31-08-18	15:32-17:30			9.15665	31-08-18 16:43	879.4301293	Other	NA	Electronic	9.15665	9.16132
USDSEK	03-09-18	09:32-11:30			9.09707	03-09-18 11:18	16709.17246	Other	NA	Electronic	9.09707	9.102
USDSEK	03-09-18	13:32-15:30			9.10651	03-09-18 14:21	2638.290388	Other	NA	Electronic	9.10187	9.10651
USDSEK	05-09-18	09:32-11:30			9.10457	05-09-18 09:38	879.4301293	Other	NA	Electronic	9.0999	9.10457
USDSEK	05-09-18	13:32-15:30			9.06951	05-09-18 15:08	879.4301293	Other	NA	Electronic	9.06951	9.07413
USDSEK	06-09-18	13:32-15:30			9.10369	06-09-18 13:35	879.4301293	Other	NA	Electronic	9.10369	9.10841
USDSEK	07-09-18	09:32-11:30			9.07679	07-09-18 10:51	3517.720517	Other	NA	Electronic	9.07679	9.08162
USDSEK	07-09-18	11:32-13:30			9.05879	07-09-18 12:05	3517.720517	Other	NA	Electronic	9.05413	9.05879
USDSEK	07-09-18	15:32-17:30			9.08987	07-09-18 16:08	8794.301293	Other	NA	Electronic	9.08489	9.09017
USDSEK	10-09-18	15:32-17:30			9.06099	10-09-18 17:25	1758.860259	Other	NA	Electronic	9.0563	9.06099
USDSEK	11-09-18	11:32-13:30			9.06189	11-09-18 13:26	1758.860259	Other	NA	Electronic	9.06189	9.06658
USDSEK	12-09-18	13:32-15:30			8.96389	12-09-18 15:18	3517.720517	Other	NA	Electronic	8.95879	8.96389
USDSEK	12-09-18	15:32-17:30			8.97994	12-09-18 17:28	4397.150646	Other	NA	Electronic	8.97504	8.97994

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	13-09-18	11:32-13:30			8.97304	13-09-18 12:32	8794.301293	Other	NA	Electronic	8.96803	8.97304
USDSEK	13-09-18	13:32-15:30			8.94205	13-09-18 13:35	1758.860259	Other	NA	Electronic	8.9374	8.94205
USDSEK	13-09-18	15:32-17:30			8.95734	13-09-18 17:19	2638.290388	Other	NA	Electronic	8.95231	8.95734
USDSEK	14-09-18	11:32-13:30			9.00971	14-09-18 11:44	26382.90388	Other	NA	Electronic	9.00504	9.00969
USDSEK	14-09-18	13:32-15:30			9.04834	14-09-18 14:18	1758.860259	Other	NA	Electronic	9.04834	9.05312
USDSEK	17-09-18	09:32-11:30			8.98807	17-09-18 09:42	2638.290388	Other	NA	Electronic	8.98325	8.98807
USDSEK	17-09-18	11:32-13:30			8.95933	17-09-18 12:19	8794.301293	Other	NA	Electronic	8.95466	8.95933
USDSEK	17-09-18	15:32-17:30			8.91949	17-09-18 15:58	1758.860259	Other	NA	Electronic	8.91491	8.91949
USDSEK	19-09-18	11:32-13:30			8.89417	19-09-18 11:47	879.4301293	Other	NA	Electronic	8.88924	8.89417
USDSEK	19-09-18	13:32-15:30			8.87837	19-09-18 15:11	17588.60259	Other	NA	Electronic	8.87341	8.87837
USDSEK	19-09-18	15:32-17:30			8.8675	19-09-18 16:08	879.4301293	Other	NA	Electronic	8.8675	8.87215
USDSEK	20-09-18	09:32-11:30			8.84415	20-09-18 09:50	1758.860259	Other	NA	Electronic	8.84415	8.84923
USDSEK	20-09-18	11:30-11:32	8.81459	87943.01293								
USDSEK	20-09-18	13:32-15:30			8.7912	20-09-18 13:38	879.4301293	Other	NA	Electronic	8.7856	8.79108
USDSEK	24-09-18	09:32-11:30			8.77659	24-09-18 10:24	879.4301293	Other	NA	Electronic	8.77195	8.77659

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK	24-09-18	11:32-13:30			8.78023	24-09-18 13:26	4397.150646	Other	NA	Electronic	8.78023	8.78514
USDSEK	24-09-18	13:32-15:30			8.80597	24-09-18 14:29	4397.150646	Other	NA	Electronic	8.80137	8.80597
USDSEK	25-09-18	13:32-15:30			8.78506	25-09-18 14:58	879.4301293	Other	NA	Electronic	8.78506	8.78986
USDSEK	25-09-18	15:32-17:30			8.7957	25-09-18 15:42	1758.860259	Other	NA	Electronic	8.7957	8.80045
USDSEK	27-09-18	09:32-11:30			8.83689	27-09-18 09:56	9673.731422	Other	NA	Electronic	8.83195	8.83689
USDSEK	27-09-18	11:32-13:30			8.81494	27-09-18 12:04	9673.731422	Other	NA	Electronic	8.81494	8.81958
USDSEK	28-09-18	09:32-11:30			8.8745	28-09-18 09:53	879.4301293	Other	NA	Electronic	8.86995	8.8745
USDSEK	28-09-18	11:32-13:30			8.9019	28-09-18 12:41	879.4301293	Other	NA	Electronic	8.89728	8.9019
USDSEK.	02-07-18	11:32-13:30			8.99077	02-07-18 12:24	879.4301293	Other	NA	Electronic	8.98849	8.99077
USDSEK.	02-07-18	13:32-15:30			9.02768	02-07-18 13:44	2638.290388	Other	NA	Electronic	9.02552	9.02768
USDSEK.	02-07-18	15:32-17:30			8.99626	02-07-18 16:31	2638.290388	Other	NA	Electronic	8.99626	8.99878
USDSEK.	03-07-18	09:32-11:30			8.85224	03-07-18 09:53	7914.871163	Other	NA	Electronic	8.85035	8.85224
USDSEK.	04-07-18	11:32-13:30			8.80453	04-07-18 11:42	92340.16357	Other	NA	Electronic	8.80453	8.80678
USDSEK.	05-07-18	09:32-11:30			8.74856	05-07-18 09:34	17588.60259	Other	NA	Electronic	8.74625	8.74856
USDSEK.	05-07-18	15:32-17:30			8.77053	05-07-18 17:24	16709.17246	Other	NA	Electronic	8.76794	8.77053

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK.	06-07-18	09:32-11:30			8.78239	06-07-18 10:27	4397.150646	Other	NA	Electronic	8.78239	8.78469
USDSEK.	09-07-18	11:32-13:30			8.69474	09-07-18 11:46	8794.301293	Other	NA	Electronic	8.69243	8.69474
USDSEK.	09-07-18	15:32-17:30			8.73346	09-07-18 17:21	879.4301293	Other	NA	Electronic	8.73087	8.73346
USDSEK.	10-07-18	11:32-13:30			8.75099	10-07-18 11:47	879.4301293	Other	NA	Electronic	8.75099	8.7532
USDSEK.	12-07-18	09:32-11:30			8.85614	12-07-18 09:40	4397.150646	Other	NA	Electronic	8.85413	8.85614
USDSEK.	13-07-18	11:32-13:30			8.91647	13-07-18 13:10	8794.301293	Other	NA	Electronic	8.91414	8.91647
USDSEK.	13-07-18	13:32-15:30			8.9212	13-07-18 13:44	175886.0259	Other	NA	Electronic	8.9212	8.92353
USDSEK.	13-07-18	15:32-17:30			8.89709	13-07-18 16:30	1758.860259	Other	NA	Electronic	8.89709	8.89969
USDSEK.	17-07-18	13:32-15:30			8.81073	17-07-18 15:12	8794.301293	Other	NA	Electronic	8.81073	8.813
USDSEK.	19-07-18	09:32-11:30			8.94099	19-07-18 10:59	92340.16357	Other	NA	Electronic	8.93866	8.94099
USDSEK.	19-07-18	15:32-17:30			8.91039	19-07-18 17:08	4397.150646	Other	NA	Electronic	8.91039	8.9133
USDSEK.	20-07-18	13:32-15:30			8.8625	20-07-18 13:37	4397.150646	Other	NA	Electronic	8.8625	8.86486
USDSEK.	27-07-18	09:32-11:30			8.85094	27-07-18 09:48	879.4301293	Other	NA	Electronic	8.85094	8.85316
USDSEK.	27-07-18	11:32-13:30			8.84659	27-07-18 12:52	879.4301293	Other	NA	Electronic	8.84426	8.84659
USDSEK.	31-07-18	11:32-13:30			8.73507	31-07-18 12:42	879.4301293	Other	NA	Electronic	8.73471	8.73701

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK.	01-08-18	09:32-11:30			8.82123	01-08-18 09:49	879.4301293	Other	NA	Electronic	8.81912	8.82123
USDSEK.	01-08-18	13:32-15:30			8.80019	01-08-18 15:16	879.4301293	Other	NA	Electronic	8.80014	8.80231
USDSEK.	01-08-18	15:32-17:30			8.8044	01-08-18 16:42	879.4301293	Other	NA	Electronic	8.80213	8.8044
USDSEK.	02-08-18	11:32-13:30			8.85804	02-08-18 13:11	2638.290388	Other	NA	Electronic	8.85804	8.86037
USDSEK.	02-08-18	13:32-15:30			8.86767	02-08-18 13:37	2638.290388	Other	NA	Electronic	8.86549	8.86767
USDSEK.	02-08-18	15:32-17:30			8.86597	02-08-18 16:13	879.4301293	Other	NA	Electronic	8.86597	8.86842
USDSEK.	06-08-18	11:32-13:30			8.92955	06-08-18 13:24	879.4301293	Other	NA	Electronic	8.92955	8.93176
USDSEK.	06-08-18	13:32-15:30			8.92431	06-08-18 14:29	879.4301293	Other	NA	Electronic	8.92197	8.92431
USDSEK.	07-08-18	11:32-13:30			8.89893	07-08-18 11:58	879.4301293	Other	NA	Electronic	8.89893	8.90125
USDSEK.	07-08-18	13:32-15:30			8.90757	07-08-18 13:46	1758.860259	Other	NA	Electronic	8.90757	8.90984
USDSEK.	08-08-18	09:32-11:30			8.93369	08-08-18 10:32	2638.290388	Other	NA	Electronic	8.93369	8.936
USDSEK.	08-08-18	11:32-13:30			8.96427	08-08-18 11:57	2638.290388	Other	NA	Electronic	8.96194	8.96427
USDSEK.	10-08-18	15:32-17:30			9.14358	10-08-18 16:49	879.4301293	Other	NA	Electronic	9.14358	9.14686
USDSEK.	15-08-18	09:32-11:30			9.17979	15-08-18 09:46	879.4301293	Other	NA	Electronic	9.17979	9.18305
USDSEK.	15-08-18	13:32-15:30			9.21504	15-08-18 14:36	879.4301293	Other	NA	Electronic	9.21504	9.21785

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK.	20-08-18	13:32-15:30			9.18355	20-08-18 14:02	879.4301293	Other	NA	Electronic	9.18355	9.18671
USDSEK.	24-08-18	11:32-13:30			9.13	24-08-18 12:01	879.4301293	Other	NA	Electronic	9.13	9.13377
USDSEK.	27-08-18	09:32-11:30			9.13057	27-08-18 10:46	879.4301293	Other	NA	Electronic	9.12759	9.13057
USDSEK.	28-08-18	09:32-11:30			9.10159	28-08-18 10:08	2638.290388	Other	NA	Electronic	9.10159	9.10472
USDSEK.	03-09-18	11:32-13:30			9.09986	03-09-18 13:19	23744.61349	Other	NA	Electronic	9.09986	9.10314
USDSEK.	03-09-18	13:32-15:30			9.09903	03-09-18 14:05	4397.150646	Other	NA	Electronic	9.09903	9.10231
USDSEK.	03-09-18	15:32-17:30			9.09562	03-09-18 15:48	4397.150646	Other	NA	Electronic	9.09246	9.09562
USDSEK.	06-09-18	13:32-15:30			9.09927	06-09-18 13:52	2638.290388	Other	NA	Electronic	9.09607	9.09927
USDSEK.	07-09-18	13:32-15:30			9.06276	07-09-18 13:38	5276.580776	Other	NA	Electronic	9.06276	9.06614
USDSEK.	12-09-18	13:32-15:30			8.96981	12-09-18 15:17	5276.580776	Other	NA	Electronic	8.96639	8.96981
USDSEK.	14-09-18	13:32-15:30			9.03704	14-09-18 14:47	8794.301293	Other	NA	Electronic	9.03704	9.04037
USDSEK.	14-09-18	15:32-17:30			9.04	14-09-18 16:06	8794.301293	Other	NA	Electronic	9.04	9.04314
USDSEK.	17-09-18	09:32-11:30			8.98962	17-09-18 10:04	10553.16155	Other	NA	Electronic	8.98646	8.98962
USDSEK.	17-09-18	13:32-15:30			8.92863	17-09-18 14:50	1758.860259	Other	NA	Electronic	8.92547	8.92863
USDSEK.	17-09-18	15:32-17:30			8.90836	17-09-18 15:42	1758.860259	Other	NA	Electronic	8.90836	8.91152



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEK.	19-09-18	13:32-15:30			8.8812	19-09-18 14:31	6156.010905	Other	NA	Electronic	8.8812	8.88447
USDSEK.	19-09-18	15:32-17:30			8.87186	19-09-18 16:09	6156.010905	Other	NA	Electronic	8.86871	8.87186
USDSEK.	20-09-18	09:32-11:30			8.83081	20-09-18 10:35	2638.290388	Other	NA	Electronic	8.83081	8.83417
USDSEK.	20-09-18	11:32-13:30			8.7774	20-09-18 12:03	2638.290388	Other	NA	Electronic	8.77369	8.7774
USDSEK.	24-09-18	13:32-15:30			8.78705	24-09-18 13:50	879.4301293	Other	NA	Electronic	8.78372	8.78705
USDSEK.	26-09-18	11:32-13:30			8.84154	26-09-18 12:19	879.4301293	Other	NA	Electronic	8.83875	8.84154
USDSEK.	26-09-18	13:32-15:30			8.82547	26-09-18 13:51	879.4301293	Other	NA	Electronic	8.82246	8.82546
USDSEK.	28-09-18	09:32-11:30			8.88199	28-09-18 10:09	879.4301293	Other	NA	Electronic	8.88202	8.88545
USDSEK.	28-09-18	13:32-15:30			8.89798	28-09-18 14:47	879.4301293	Other	NA	Electronic	8.89805	8.90123
USDSEKmicro	02-07-18	09:32-11:30			8.96992	02-07-18 09:52	4397.150646	Other	NA	Electronic	8.96593	8.96992
USDSEKmicro	02-07-18	11:32-13:30			8.97392	02-07-18 11:52	879.4301293	Other	NA	Electronic	8.96975	8.97392
USDSEKmicro	02-07-18	13:32-15:30			9.00684	02-07-18 14:12	4397.150646	Other	NA	Electronic	9.00684	9.01094
USDSEKmicro	02-07-18	15:32-17:30			9.00178	02-07-18 15:37	967.3731422	Other	NA	Electronic	8.99741	9.00154
USDSEKmicro	03-07-18	09:32-11:30			8.85343	03-07-18 09:46	879.4301293	Other	NA	Electronic	8.84921	8.85343
USDSEKmicro	03-07-18	11:32-13:30			8.84725	03-07-18 11:37	879.4301293	Other	NA	Electronic	8.84309	8.84725

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	03-07-18	13:32-15:30			8.85357	03-07-18 14:11	4397.150646	Other	NA	Electronic	8.84935	8.85357
USDSEKmicro	03-07-18	15:32-17:30			8.83647	03-07-18 16:06	2638.290388	Other	NA	Electronic	8.832	8.83647
USDSEKmicro	04-07-18	09:32-11:30			8.82372	04-07-18 09:38	105.5316155	Other	NA	Electronic	8.82375	8.82795
USDSEKmicro	04-07-18	13:32-15:30			8.7964	04-07-18 14:03	879.4301293	Other	NA	Electronic	8.79201	8.7964
USDSEKmicro	04-07-18	15:32-17:30			8.77511	04-07-18 16:19	43.97150646	Other	NA	Electronic	8.77511	8.77998
USDSEKmicro	05-07-18	09:32-11:30			8.74226	05-07-18 10:27	4397.150646	Other	NA	Electronic	8.74226	8.74648
USDSEKmicro	05-07-18	11:32-13:30			8.73985	05-07-18 11:32	87.94301293	Other	NA	Electronic	8.73602	8.73985
USDSEKmicro	05-07-18	13:32-15:30			8.74088	05-07-18 13:43	888.2244306	Other	NA	Electronic	8.73675	8.74088
USDSEKmicro	05-07-18	15:32-17:30			8.75972	05-07-18 15:39	879.4301293	Other	NA	Electronic	8.7555	8.75972
USDSEKmicro	06-07-18	09:32-11:30			8.78348	06-07-18 09:56	272.6233401	Other	NA	Electronic	8.78348	8.78781
USDSEKmicro	06-07-18	11:32-13:30			8.7818	06-07-18 11:34	967.3731422	Other	NA	Electronic	8.7818	8.78556
USDSEKmicro	06-07-18	13:32-15:30			8.75435	06-07-18 13:33	175.8860259	Other	NA	Electronic	8.74978	8.75413
USDSEKmicro	06-07-18	15:32-17:30			8.72806	06-07-18 15:43	879.4301293	Other	NA	Electronic	8.72807	8.73269
USDSEKmicro	09-07-18	09:32-11:30			8.69607	09-07-18 09:51	879.4301293	Other	NA	Electronic	8.69607	8.70028
USDSEKmicro	09-07-18	11:32-13:30			8.69405	09-07-18 11:43	43.97150646	Other	NA	Electronic	8.69405	8.69825

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	09-07-18	13:32-15:30			8.7462	09-07-18 14:02	96.73731422	Other	NA	Electronic	8.7462	8.75041
USDSEKmicro	09-07-18	15:32-17:30			8.72991	09-07-18 15:46	87.94301293	Other	NA	Electronic	8.72575	8.72993
USDSEKmicro	10-07-18	09:32-11:30			8.75496	10-07-18 11:03	87.94301293	Other	NA	Electronic	8.75076	8.75496
USDSEKmicro	10-07-18	11:32-13:30			8.74727	10-07-18 12:09	8.794301293	Other	NA	Electronic	8.74727	8.75149
USDSEKmicro	10-07-18	13:32-15:30			8.75896	10-07-18 14:10	87.94301293	Other	NA	Electronic	8.75896	8.76318
USDSEKmicro	10-07-18	15:30-15:32	8.74958	87.94301293								
USDSEKmicro	11-07-18	09:32-11:30			8.78276	11-07-18 10:04	123.1202181	Other	NA	Electronic	8.7827	8.78714
USDSEKmicro	11-07-18	11:32-13:30			8.78489	11-07-18 11:54	175.8860259	Other	NA	Electronic	8.78489	8.78943
USDSEKmicro	11-07-18	13:32-15:30			8.74882	11-07-18 13:42	175.8860259	Other	NA	Electronic	8.74882	8.75303
USDSEKmicro	11-07-18	15:32-17:30			8.78248	11-07-18 15:33	2638.290388	Other	NA	Electronic	8.78248	8.78656
USDSEKmicro	12-07-18	09:32-11:30			8.85662	12-07-18 10:00	527.6580776	Other	NA	Electronic	8.85666	8.86109
USDSEKmicro	12-07-18	11:30-11:32	8.86723	8.794301293								
USDSEKmicro	12-07-18	13:32-15:30			8.87671	12-07-18 13:44	43.97150646	Other	NA	Electronic	8.87233	8.87663
USDSEKmicro	12-07-18	15:32-17:30			8.85202	12-07-18 15:38	8.794301293	Other	NA	Electronic	8.8478	8.85202
USDSEKmicro	13-07-18	09:32-11:30			8.91714	13-07-18 09:43	131.9145194	Other	NA	Electronic	8.91714	8.92137

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	13-07-18	11:32-13:30			8.91758	13-07-18 12:01	879.4301293	Other	NA	Electronic	8.91758	8.92176
USDSEKmicro	13-07-18	13:32-15:30			8.92171	13-07-18 14:01	87.94301293	Other	NA	Electronic	8.92171	8.92593
USDSEKmicro	13-07-18	15:32-17:30			8.8917	13-07-18 16:52	8.794301293	Other	NA	Electronic	8.8917	8.89606
USDSEKmicro	16-07-18	09:32-11:30			8.83693	16-07-18 09:35	879.4301293	Other	NA	Electronic	8.83272	8.83693
USDSEKmicro	16-07-18	11:32-13:30			8.82301	16-07-18 11:53	131.9145194	Other	NA	Electronic	8.8188	8.82288
USDSEKmicro	16-07-18	13:32-15:30			8.82002	16-07-18 13:57	439.7150646	Other	NA	Electronic	8.81595	8.82002
USDSEKmicro	17-07-18	09:32-11:30			8.77795	17-07-18 09:42	114.3259168	Other	NA	Electronic	8.77795	8.78216
USDSEKmicro	17-07-18	11:32-13:30			8.79741	17-07-18 11:53	1846.803271	Other	NA	Electronic	8.79339	8.79741
USDSEKmicro	17-07-18	13:32-15:30			8.81239	17-07-18 13:58	87.94301293	Other	NA	Electronic	8.81239	8.81658
USDSEKmicro	17-07-18	15:32-17:30			8.8226	17-07-18 15:58	105.5316155	Other	NA	Electronic	8.8226	8.82657
USDSEKmicro	18-07-18	09:32-11:30			8.86404	18-07-18 10:43	439.7150646	Other	NA	Electronic	8.86404	8.86822
USDSEKmicro	18-07-18	11:32-13:30			8.87674	18-07-18 11:45	43.97150646	Other	NA	Electronic	8.87251	8.87674
USDSEKmicro	18-07-18	13:32-15:30			8.86456	18-07-18 14:41	131.9145194	Other	NA	Electronic	8.86456	8.86876
USDSEKmicro	18-07-18	15:32-17:30			8.85049	18-07-18 16:07	43.97150646	Other	NA	Electronic	8.85035	8.8548
USDSEKmicro	19-07-18	09:32-11:30			8.93093	19-07-18 09:35	184.6803271	Other	NA	Electronic	8.93093	8.93516

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	19-07-18	11:32-13:30			8.93671	19-07-18 11:46	1319.145194	Other	NA	Electronic	8.93248	8.93671
USDSEKmicro	19-07-18	13:32-15:30			8.94007	19-07-18 13:33	87.94301293	Other	NA	Electronic	8.93584	8.94007
USDSEKmicro	19-07-18	15:32-17:30			8.94311	19-07-18 15:59	439.7150646	Other	NA	Electronic	8.86492	8.86941
USDSEKmicro	20-07-18	09:32-11:30			8.91147	20-07-18 10:48	879.4301293	Other	NA	Electronic	8.9117	8.91573
USDSEKmicro	20-07-18	11:32-13:30			8.88944	20-07-18 12:46	879.4301293	Other	NA	Electronic	8.88927	8.89327
USDSEKmicro	20-07-18	13:32-15:30			8.87466	20-07-18 14:30	175.8860259	Other	NA	Electronic	8.87466	8.87899
USDSEKmicro	20-07-18	15:32-17:30			8.86941	20-07-18 17:06	879.4301293	Other	NA	Electronic	8.86492	8.86941
USDSEKmicro	23-07-18	09:32-11:30			8.84319	23-07-18 10:06	879.4301293	Other	NA	Electronic	8.83881	8.84297
USDSEKmicro	23-07-18	11:32-13:30			8.83123	23-07-18 11:43	2726.233401	Other	NA	Electronic	8.83123	8.83545
USDSEKmicro	23-07-18	13:32-15:30			8.85787	23-07-18 13:53	87.94301293	Other	NA	Electronic	8.85787	8.86209
USDSEKmicro	23-07-18	15:32-17:30			8.85764	23-07-18 16:59	3174.742767	Other	NA	Electronic	8.85764	8.86205
USDSEKmicro	24-07-18	09:32-11:30			8.84938	24-07-18 09:34	1767.65456	Other	NA	Electronic	8.84538	8.84938
USDSEKmicro	24-07-18	11:32-13:30			8.8267	24-07-18 12:18	879.4301293	Other	NA	Electronic	8.82248	8.8267
USDSEKmicro	24-07-18	13:32-15:30			8.81068	24-07-18 14:13	879.4301293	Other	NA	Electronic	8.81068	8.8149
USDSEKmicro	24-07-18	15:32-17:30			8.82505	24-07-18 16:37	87.94301293	Other	NA	Electronic	8.82505	8.8294

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	25-07-18	09:32-11:30			8.79333	25-07-18 09:32	879.4301293	Other	NA	Electronic	8.79333	8.79754
USDSEKmicro	25-07-18	11:32-13:30			8.78925	25-07-18 13:04	114.3259168	Other	NA	Electronic	8.78925	8.79343
USDSEKmicro	25-07-18	13:32-15:30			8.79047	25-07-18 13:55	879.4301293	Other	NA	Electronic	8.78625	8.79047
USDSEKmicro	25-07-18	15:32-17:30			8.80671	25-07-18 15:45	879.4301293	Other	NA	Electronic	8.80671	8.81051
USDSEKmicro	26-07-18	09:32-11:30			8.77118	26-07-18 11:29	96.73731422	Other	NA	Electronic	8.77118	8.77524
USDSEKmicro	26-07-18	11:32-13:30			8.77495	26-07-18 11:45	4397.150646	Other	NA	Electronic	8.76475	8.77495
USDSEKmicro	26-07-18	13:32-15:30			8.79576	26-07-18 14:06	879.4301293	Other	NA	Electronic	8.79153	8.79576
USDSEKmicro	26-07-18	15:32-17:30			8.80647	26-07-18 15:52	114.3259168	Other	NA	Electronic	8.80647	8.81069
USDSEKmicro	27-07-18	09:32-11:30			8.86563	27-07-18 10:13	149.503122	Other	NA	Electronic	8.86563	8.86986
USDSEKmicro	27-07-18	11:32-13:30			8.86102	27-07-18 11:46	334.1834491	Other	NA	Electronic	8.85715	8.86102
USDSEKmicro	27-07-18	13:32-15:30			8.83223	27-07-18 14:25	4397.150646	Other	NA	Electronic	8.83223	8.83646
USDSEKmicro	27-07-18	15:32-17:30			8.83912	27-07-18 15:48	87.94301293	Other	NA	Electronic	8.8349	8.83912
USDSEKmicro	30-07-18	09:32-11:30			8.76003	30-07-18 09:40	2647.084689	Other	NA	Electronic	8.76003	8.76425
USDSEKmicro	30-07-18	11:32-13:30			8.77647	30-07-18 12:02	87.94301293	Other	NA	Electronic	8.77267	8.77647
USDSEKmicro	30-07-18	13:32-15:30			8.7553	30-07-18 14:32	4397.150646	Other	NA	Electronic	8.75109	8.7553

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	30-07-18	15:32-17:30			8.75813	30-07-18 16:09	123.1202181	Other	NA	Electronic	8.75366	8.75813
USDSEKmicro	31-07-18	09:32-11:30			8.74532	31-07-18 11:06	87.94301293	Other	NA	Electronic	8.74126	8.74532
USDSEKmicro	31-07-18	11:32-13:30			8.74345	31-07-18 11:40	307.8005452	Other	NA	Electronic	8.73949	8.74345
USDSEKmicro	31-07-18	13:32-15:30			8.75688	31-07-18 13:35	307.8005452	Other	NA	Electronic	8.75688	8.76108
USDSEKmicro	31-07-18	15:32-17:30			8.78108	31-07-18 15:56	879.4301293	Other	NA	Electronic	8.78108	8.7853
USDSEKmicro	01-08-18	09:32-11:30			8.81823	01-08-18 09:32	114.3259168	Other	NA	Electronic	8.81823	8.82218
USDSEKmicro	01-08-18	11:32-13:30			8.81063	01-08-18 12:16	43.97150646	Other	NA	Electronic	8.80644	8.81063
USDSEKmicro	01-08-18	13:32-15:30			8.80238	01-08-18 14:20	87.94301293	Other	NA	Electronic	8.79831	8.80255
USDSEKmicro	02-08-18	09:32-11:30			8.86321	02-08-18 09:34	1196.024976	Other	NA	Electronic	8.86321	8.86744
USDSEKmicro	02-08-18	11:32-13:30			8.87224	02-08-18 12:05	149.503122	Other	NA	Electronic	8.87224	8.87635
USDSEKmicro	02-08-18	13:32-15:30			8.86968	02-08-18 14:20	35.17720517	Other	NA	Electronic	8.86545	8.86968
USDSEKmicro	02-08-18	15:32-17:30			8.86819	02-08-18 16:47	879.4301293	Other	NA	Electronic	8.86819	8.87265
USDSEKmicro	03-08-18	09:32-11:30			8.91642	03-08-18 10:32	8.794301293	Other	NA	Electronic	8.91642	8.92066
USDSEKmicro	03-08-18	11:32-13:30			8.90332	03-08-18 12:30	87.94301293	Other	NA	Electronic	8.89786	8.90332
USDSEKmicro	03-08-18	15:32-17:30			8.90544	03-08-18 16:24	8.794301293	Other	NA	Electronic	8.90138	8.90544

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	06-08-18	09:32-11:30			8.91029	06-08-18 10:02	1152.053469	Other	NA	Electronic	8.91029	8.91452
USDSEKmicro	06-08-18	11:32-13:30			8.92737	06-08-18 13:22	43.97150646	Other	NA	Electronic	8.92737	8.93158
USDSEKmicro	07-08-18	09:32-11:30			8.91602	07-08-18 09:43	8794.301293	Other	NA	Electronic	8.91179	8.91602
USDSEKmicro	07-08-18	13:32-15:30			8.91471	07-08-18 15:14	87.94301293	Other	NA	Electronic	8.91471	8.91893
USDSEKmicro	07-08-18	15:32-17:30			8.91303	07-08-18 16:44	87.94301293	Other	NA	Electronic	8.91303	8.91751
USDSEKmicro	08-08-18	09:32-11:30			8.94433	08-08-18 10:45	43.97150646	Other	NA	Electronic	8.9401	8.94433
USDSEKmicro	08-08-18	11:30-11:32	8.94296	43.97150646								
USDSEKmicro	08-08-18	13:32-15:30			8.95654	08-08-18 13:42	96.73731422	Other	NA	Electronic	8.95231	8.95654
USDSEKmicro	08-08-18	15:32-17:30			8.95984	08-08-18 16:58	43.97150646	Other	NA	Electronic	8.95984	8.96526
USDSEKmicro	09-08-18	09:32-11:30			8.96454	09-08-18 10:15	1758.860259	Other	NA	Electronic	8.95972	8.96454
USDSEKmicro	09-08-18	11:32-13:30			8.96774	09-08-18 11:37	43.97150646	Other	NA	Electronic	8.9626	8.96774
USDSEKmicro	09-08-18	15:32-17:30			8.99189	09-08-18 16:43	1152.053469	Other	NA	Electronic	8.98659	8.99189
USDSEKmicro	10-08-18	09:32-11:30			9.07363	10-08-18 09:53	703.5441034	Other	NA	Electronic	9.06826	9.07363
USDSEKmicro	10-08-18	11:32-13:30			9.13	10-08-18 13:15	17.58860259	Other	NA	Electronic	9.13003	9.13464
USDSEKmicro	10-08-18	13:32-15:30			9.12443	10-08-18 13:36	96.73731422	Other	NA	Electronic	9.12443	9.12971



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	10-08-18	15:32-17:30			9.1463	10-08-18 17:05	351.7720517	Other	NA	Electronic	9.14104	9.1463
USDSEKmicro	13-08-18	09:32-11:30			9.15451	13-08-18 10:58	87.94301293	Other	NA	Electronic	9.14931	9.15451
USDSEKmicro	13-08-18	11:32-13:30			9.13986	13-08-18 12:08	26.38290388	Other	NA	Electronic	9.13986	9.14538
USDSEKmicro	13-08-18	13:32-15:30			9.0957	13-08-18 14:13	439.7150646	Other	NA	Electronic	9.0957	9.10138
USDSEKmicro	13-08-18	15:32-17:30			9.13082	13-08-18 16:42	87.94301293	Other	NA	Electronic	9.13082	9.13595
USDSEKmicro	14-08-18	09:32-11:30			9.07686	14-08-18 10:28	26.38290388	Other	NA	Electronic	9.07686	9.08244
USDSEKmicro	14-08-18	11:32-13:30			9.09788	14-08-18 12:51	175.8860259	Other	NA	Electronic	9.09779	9.10291
USDSEKmicro	14-08-18	13:32-15:30			9.10922	14-08-18 15:05	87.94301293	Other	NA	Electronic	9.10922	9.11413
USDSEKmicro	14-08-18	15:32-17:30			9.14362	14-08-18 16:38	35.17720517	Other	NA	Electronic	9.13846	9.14362
USDSEKmicro	15-08-18	09:32-11:30			9.1851	15-08-18 09:33	87.94301293	Other	NA	Electronic	9.17984	9.1851
USDSEKmicro	15-08-18	11:32-13:30			9.19557	15-08-18 11:34	87.94301293	Other	NA	Electronic	9.19557	9.20073
USDSEKmicro	15-08-18	13:32-15:30			9.21846	15-08-18 13:45	351.7720517	Other	NA	Electronic	9.21343	9.21864
USDSEKmicro	15-08-18	15:32-17:30			9.20158	15-08-18 17:20	879.4301293	Other	NA	Electronic	9.20158	9.20727
USDSEKmicro	16-08-18	15:32-17:30			9.19451	16-08-18 16:12	1758.860259	Other	NA	Electronic	9.18939	9.19451
USDSEKmicro	17-08-18	11:32-13:30			9.22044	17-08-18 12:08	87.94301293	Other	NA	Electronic	9.22044	9.22554

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	17-08-18	15:32-17:30			9.18249	17-08-18 16:57	8.794301293	Other	NA	Electronic	9.17737	9.18249
USDSEKmicro	20-08-18	09:30-09:32	9.18928	175.8860259								
USDSEKmicro	20-08-18	11:32-13:30			9.19086	20-08-18 11:35	439.7150646	Other	NA	Electronic	9.18561	9.19086
USDSEKmicro	20-08-18	13:32-15:30			9.18094	20-08-18 14:55	439.7150646	Other	NA	Electronic	9.18094	9.18623
USDSEKmicro	20-08-18	15:32-17:30			9.17045	20-08-18 15:53	703.5441034	Other	NA	Electronic	9.17045	9.1761
USDSEKmicro	21-08-18	11:32-13:30			9.13663	21-08-18 12:48	175.8860259	Other	NA	Electronic	9.13148	9.13663
USDSEKmicro	21-08-18	13:32-15:30			9.11619	21-08-18 13:59	175.8860259	Other	NA	Electronic	9.11103	9.11619
USDSEKmicro	21-08-18	15:32-17:30			9.12082	21-08-18 15:35	175.8860259	Other	NA	Electronic	9.12082	9.126
USDSEKmicro	22-08-18	09:32-11:30			9.06986	22-08-18 09:53	52765.80776	Other	NA	Electronic	9.06986	9.07485
USDSEKmicro	22-08-18	11:32-13:30			9.06462	22-08-18 11:44	17.58860259	Other	NA	Electronic	9.0595	9.06462
USDSEKmicro	22-08-18	13:32-15:30			9.05644	22-08-18 13:34	439.7150646	Other	NA	Electronic	9.05644	9.06134
USDSEKmicro	22-08-18	15:32-17:30			9.07063	22-08-18 16:17	87.94301293	Other	NA	Electronic	9.06547	9.07063
USDSEKmicro	23-08-18	09:32-11:30			9.09293	23-08-18 09:38	87.94301293	Other	NA	Electronic	9.09293	9.09805
USDSEKmicro	23-08-18	11:32-13:30			9.10271	23-08-18 13:16	1758.860259	Other	NA	Electronic	9.09739	9.10271
USDSEKmicro	23-08-18	13:32-15:30			9.10513	23-08-18 14:12	43.97150646	Other	NA	Electronic	9.10513	9.11025

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	23-08-18	15:32-17:30			9.13588	23-08-18 17:05	43.97150646	Other	NA	Electronic	9.13588	9.1412
USDSEKmicro	24-08-18	09:32-11:30			9.11592	24-08-18 09:32	879.4301293	Other	NA	Electronic	9.11592	9.12094
USDSEKmicro	24-08-18	11:30-11:32	9.12735	35.17720517								
USDSEKmicro	24-08-18	13:32-15:30			9.10917	24-08-18 14:07	43.97150646	Other	NA	Electronic	9.10326	9.1091
USDSEKmicro	24-08-18	15:32-17:30			9.11679	24-08-18 16:49	96.73731422	Other	NA	Electronic	9.11679	9.12203
USDSEKmicro	27-08-18	09:32-11:30			9.12234	27-08-18 10:00	96.73731422	Other	NA	Electronic	9.12234	9.12744
USDSEKmicro	27-08-18	11:32-13:30			9.11785	27-08-18 12:49	439.7150646	Other	NA	Electronic	9.11785	9.12299
USDSEKmicro	27-08-18	13:32-15:30			9.12288	27-08-18 13:49	96.73731422	Other	NA	Electronic	9.11764	9.12288
USDSEKmicro	27-08-18	15:32-17:30			9.09865	27-08-18 15:39	43.97150646	Other	NA	Electronic	9.09361	9.09865
USDSEKmicro	28-08-18	09:32-11:30			9.09614	28-08-18 10:02	527.6580776	Other	NA	Electronic	9.09614	9.10135
USDSEKmicro	28-08-18	11:32-13:30			9.1	28-08-18 12:01	43.97150646	Other	NA	Electronic	9.0948	9.1
USDSEKmicro	28-08-18	13:32-15:30			9.11037	28-08-18 13:33	43.97150646	Other	NA	Electronic	9.11037	9.11588
USDSEKmicro	29-08-18	09:32-11:30			9.16458	29-08-18 10:34	43.97150646	Other	NA	Electronic	9.16458	9.16967
USDSEKmicro	29-08-18	11:32-13:30			9.17589	29-08-18 11:55	43.97150646	Other	NA	Electronic	9.17065	9.17589
USDSEKmicro	30-08-18	09:32-11:30			9.10403	30-08-18 09:48	527.6580776	Other	NA	Electronic	9.10403	9.10875

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	30-08-18	11:32-13:30			9.10073	30-08-18 12:36	43.97150646	Other	NA	Electronic	9.09591	9.10073
USDSEKmicro	31-08-18	09:32-11:30			9.12444	31-08-18 11:17	43.97150646	Other	NA	Electronic	9.12444	9.12927
USDSEKmicro	31-08-18	11:32-13:30			9.1168	31-08-18 11:58	87.94301293	Other	NA	Electronic	9.1168	9.12146
USDSEKmicro	31-08-18	13:32-15:30			9.11672	31-08-18 13:44	87.94301293	Other	NA	Electronic	9.11208	9.11672
USDSEKmicro	31-08-18	15:32-17:30			9.15764	31-08-18 15:36	879.4301293	Other	NA	Electronic	9.15304	9.15764
USDSEKmicro	03-09-18	09:32-11:30			9.11215	03-09-18 09:36	175.8860259	Other	NA	Electronic	9.11215	9.11677
USDSEKmicro	03-09-18	11:30-11:32	9.10292	351.7720517								
USDSEKmicro	03-09-18	13:32-15:30			9.10277	03-09-18 14:15	351.7720517	Other	NA	Electronic	9.09802	9.10277
USDSEKmicro	04-09-18	09:32-11:30			9.14281	04-09-18 09:37	140.7088207	Other	NA	Electronic	9.14281	9.14714
USDSEKmicro	04-09-18	11:30-11:32	9.14437	527.6580776								
USDSEKmicro	04-09-18	13:32-15:30			9.1261	04-09-18 14:26	43.97150646	Other	NA	Electronic	9.12155	9.1261
USDSEKmicro	04-09-18	15:32-17:30			9.10697	04-09-18 16:04	439.7150646	Other	NA	Electronic	9.10697	9.11232
USDSEKmicro	05-09-18	09:32-11:30			9.10428	05-09-18 09:52	43.97150646	Other	NA	Electronic	9.0993	9.10428
USDSEKmicro	05-09-18	11:32-13:30			9.10007	05-09-18 12:06	43.97150646	Other	NA	Electronic	9.10007	9.10475
USDSEKmicro	05-09-18	13:32-15:30			9.05986	05-09-18 13:38	43.97150646	Other	NA	Electronic	9.0564	9.05986

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	05-09-18	15:32-17:30			9.07465	05-09-18 15:36	7123.384047	Other	NA	Electronic	9.06993	9.07465
USDSEKmicro	06-09-18	09:32-11:30			9.09718	06-09-18 09:42	43.97150646	Other	NA	Electronic	9.09718	9.10196
USDSEKmicro	06-09-18	11:32-13:30			9.10085	06-09-18 12:00	87943.01293	Other	NA	Electronic	9.10082	9.10588
USDSEKmicro	06-09-18	13:32-15:30			9.11591	06-09-18 15:18	43.97150646	Other	NA	Electronic	9.11591	9.12056
USDSEKmicro	06-09-18	15:32-17:30			9.10722	06-09-18 16:17	263.8290388	Other	NA	Electronic	9.10722	9.11191
USDSEKmicro	07-09-18	09:32-11:30			9.08669	07-09-18 10:00	43.97150646	Other	NA	Electronic	9.08187	9.08669
USDSEKmicro	07-09-18	11:32-13:30			9.05616	07-09-18 12:08	43.97150646	Other	NA	Electronic	9.05147	9.05616
USDSEKmicro	07-09-18	13:32-15:30			9.0765	07-09-18 14:47	175.8860259	Other	NA	Electronic	9.0765	9.08117
USDSEKmicro	07-09-18	15:32-17:30			9.08239	07-09-18 15:58	263.8290388	Other	NA	Electronic	9.07804	9.08239
USDSEKmicro	10-09-18	09:32-11:30			9.04027	10-09-18 11:16	888.2244306	Other	NA	Electronic	9.03546	9.04027
USDSEKmicro	10-09-18	11:32-13:30			9.04208	10-09-18 11:38	43.97150646	Other	NA	Electronic	9.03741	9.04208
USDSEKmicro	10-09-18	13:32-15:30			9.03609	10-09-18 14:29	4485.093659	Other	NA	Electronic	9.0319	9.03609
USDSEKmicro	10-09-18	15:32-17:30			9.03635	10-09-18 16:00	1794.037464	Other	NA	Electronic	9.03635	9.04114
USDSEKmicro	11-09-18	09:32-11:30			9.05541	11-09-18 09:37	96.73731422	Other	NA	Electronic	9.05405	9.05847
USDSEKmicro	11-09-18	11:30-11:32	9.05983	8.794301293								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	11-09-18	13:32-15:30			9.06713	11-09-18 15:00	87.94301293	Other	NA	Electronic	9.06246	9.06726
USDSEKmicro	11-09-18	15:32-17:30			9.06502	11-09-18 15:53	43.97150646	Other	NA	Electronic	9.0601	9.06483
USDSEKmicro	12-09-18	09:32-11:30			9.03398	12-09-18 09:42	17.58860259	Other	NA	Electronic	9.02945	9.03398
USDSEKmicro	12-09-18	11:30-11:32	9.0488	87.94301293								
USDSEKmicro	12-09-18	13:32-15:30			9.02886	12-09-18 13:45	96.73731422	Other	NA	Electronic	9.02469	9.02886
USDSEKmicro	12-09-18	15:32-17:30			8.98623	12-09-18 15:43	263.8290388	Other	NA	Electronic	8.98155	8.98623
USDSEKmicro	13-09-18	09:30-09:32	8.97755	879.4301293								
USDSEKmicro	13-09-18	11:32-13:30			8.98018	13-09-18 11:58	5364.523789	Other	NA	Electronic	8.98018	8.98483
USDSEKmicro	13-09-18	13:32-15:30			8.9346	13-09-18 13:33	879.4301293	Other	NA	Electronic	8.9346	8.93909
USDSEKmicro	13-09-18	15:32-17:30			8.95684	13-09-18 16:38	17588.60259	Other	NA	Electronic	8.95684	8.96164
USDSEKmicro	14-09-18	09:32-11:30			9.00595	14-09-18 10:15	615.6010905	Other	NA	Electronic	9.0013	9.00595
USDSEKmicro	14-09-18	11:32-13:30			9.00675	14-09-18 11:44	123.1202181	Other	NA	Electronic	9.00675	9.0114
USDSEKmicro	14-09-18	15:32-17:30			9.04066	14-09-18 16:39	105.5316155	Other	NA	Electronic	9.04066	9.04557
USDSEKmicro	17-09-18	09:32-11:30			8.99002	17-09-18 09:36	149.503122	Other	NA	Electronic	8.98538	8.99002
USDSEKmicro	17-09-18	11:32-13:30			8.96759	17-09-18 11:43	175.8860259	Other	NA	Electronic	8.96274	8.96759

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	17-09-18	13:32-15:30			8.94477	17-09-18 13:38	263.8290388	Other	NA	Electronic	8.93996	8.94477
USDSEKmicro	17-09-18	15:32-17:30			8.91049	17-09-18 15:38	131.9145194	Other	NA	Electronic	8.91049	8.91513
USDSEKmicro	18-09-18	09:32-11:30			8.90525	18-09-18 09:51	87.94301293	Other	NA	Electronic	8.90055	8.90525
USDSEKmicro	18-09-18	11:30-11:32	8.91672	879.4301293								
USDSEKmicro	18-09-18	13:32-15:30			8.90048	18-09-18 13:39	158.2974233	Other	NA	Electronic	8.90048	8.90513
USDSEKmicro	18-09-18	15:32-17:30			8.91353	18-09-18 16:41	87.94301293	Other	NA	Electronic	8.90876	8.91353
USDSEKmicro	19-09-18	09:32-11:30			8.88503	19-09-18 09:32	175.8860259	Other	NA	Electronic	8.88036	8.88503
USDSEKmicro	19-09-18	11:32-13:30			8.90006	19-09-18 12:09	105.5316155	Other	NA	Electronic	8.90006	8.90563
USDSEKmicro	19-09-18	13:32-15:30			8.88764	19-09-18 14:04	175.8860259	Other	NA	Electronic	8.88764	8.89254
USDSEKmicro	19-09-18	15:32-17:30			8.86251	19-09-18 15:52	87.94301293	Other	NA	Electronic	8.86251	8.86779
USDSEKmicro	20-09-18	09:32-11:30			8.84555	20-09-18 09:51	105.5316155	Other	NA	Electronic	8.84058	8.84555
USDSEKmicro	20-09-18	11:32-13:30			8.798	20-09-18 11:49	96.73731422	Other	NA	Electronic	8.79334	8.798
USDSEKmicro	20-09-18	13:32-15:30			8.77341	20-09-18 15:09	439.7150646	Other	NA	Electronic	8.77341	8.77817
USDSEKmicro	20-09-18	15:32-17:30			8.77953	20-09-18 17:29	8.794301293	Other	NA	Electronic	8.77953	8.78472
USDSEKmicro	21-09-18	13:32-15:30			8.79071	21-09-18 14:23	87.94301293	Other	NA	Electronic	8.79071	8.79539

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	21-09-18	15:32-17:30			8.79879	21-09-18 15:38	263.8290388	Other	NA	Electronic	8.79408	8.79879
USDSEKmicro	24-09-18	09:32-11:30			8.76015	24-09-18 09:36	8.794301293	Other	NA	Electronic	8.75548	8.76015
USDSEKmicro	24-09-18	11:32-13:30			8.7934	24-09-18 11:52	87.94301293	Other	NA	Electronic	8.78851	8.7934
USDSEKmicro	24-09-18	13:32-15:30			8.78177	24-09-18 13:41	175.8860259	Other	NA	Electronic	8.77683	8.78177
USDSEKmicro	25-09-18	13:32-15:30			8.79499	25-09-18 15:00	87.94301293	Other	NA	Electronic	8.79034	8.79499
USDSEKmicro	25-09-18	15:32-17:30			8.79659	25-09-18 16:02	87.94301293	Other	NA	Electronic	8.79659	8.80124
USDSEKmicro	26-09-18	09:32-11:30			8.82126	26-09-18 10:16	8.794301293	Other	NA	Electronic	8.82126	8.82601
USDSEKmicro	26-09-18	11:32-13:30			8.83362	26-09-18 11:37	26.38290388	Other	NA	Electronic	8.82898	8.83362
USDSEKmicro	26-09-18	13:32-15:30			8.82631	26-09-18 14:03	87.94301293	Other	NA	Electronic	8.82631	8.83068
USDSEKmicro	26-09-18	15:32-17:30			8.81543	26-09-18 15:53	17.58860259	Other	NA	Electronic	8.81063	8.81543
USDSEKmicro	27-09-18	09:32-11:30			8.82202	27-09-18 10:44	96.73731422	Other	NA	Electronic	8.82202	8.82659
USDSEKmicro	27-09-18	11:32-13:30			8.81665	27-09-18 12:10	105.5316155	Other	NA	Electronic	8.81201	8.81665
USDSEKmicro	27-09-18	13:32-15:30			8.8259	27-09-18 15:00	87.94301293	Other	NA	Electronic	8.8259	8.8318
USDSEKmicro	28-09-18	09:32-11:30			8.87567	28-09-18 09:58	17.58860259	Other	NA	Electronic	8.87097	8.87567
USDSEKmicro	28-09-18	11:32-13:30			8.902	28-09-18 12:15	131.9145194	Other	NA	Electronic	8.902	8.9065



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSEKmicro	28-09-18	13:32-15:30			8.9015	28-09-18 13:44	17.58860259	Other	NA	Electronic	8.9015	8.90618
USDSEKmicro	28-09-18	15:32-17:30			8.87994	28-09-18 15:48	17.58860259	Other	NA	Electronic	8.87515	8.87994
USDSGD	02-07-18	11:32-13:30			1.36691	02-07-18 11:32	879.4301293	Other	NA	Electronic	1.36691	1.36893
USDSGD	02-07-18	13:32-15:30			1.37103	02-07-18 14:41	879.4301293	Other	NA	Electronic	1.36903	1.37103
USDSGD	02-07-18	15:32-17:30			1.3718	02-07-18 15:49	1758.860259	Other	NA	Electronic	1.36978	1.3718
USDSGD	03-07-18	09:32-11:30			1.36703	03-07-18 09:39	879.4301293	Other	NA	Electronic	1.36501	1.36703
USDSGD	03-07-18	11:32-13:30			1.3646	03-07-18 11:40	879.4301293	Other	NA	Electronic	1.36461	1.36663
USDSGD	03-07-18	13:32-15:30			1.36477	03-07-18 14:58	879.4301293	Other	NA	Electronic	1.36477	1.36676
USDSGD	04-07-18	09:30-09:32	1.36545	879.4301293								
USDSGD	06-07-18	13:32-15:30			1.35744	06-07-18 13:53	879.4301293	Other	NA	Electronic	1.35744	1.35946
USDSGD	06-07-18	15:32-17:30			1.35963	06-07-18 16:04	879.4301293	Other	NA	Electronic	1.35761	1.35963
USDSGD	09-07-18	09:32-11:30			1.35254	09-07-18 10:00	879.4301293	Other	NA	Electronic	1.35254	1.35456
USDSGD	09-07-18	11:32-13:30			1.35277	09-07-18 12:58	4397.150646	Other	NA	Electronic	1.35277	1.35478
USDSGD	09-07-18	13:32-15:30			1.35455	09-07-18 14:01	2638.290388	Other	NA	Electronic	1.35455	1.35654
USDSGD	10-07-18	09:32-11:30			1.35883	10-07-18 10:53	4397.150646	Other	NA	Electronic	1.3568	1.35883

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD	10-07-18	11:32-13:30			1.35673	10-07-18 11:33	4397.150646	Other	NA	Electronic	1.35673	1.35876
USDSGD	10-07-18	13:32-15:30			1.35751	10-07-18 14:00	1758.860259	Other	NA	Electronic	1.3555	1.35751
USDSGD	11-07-18	13:32-15:30			1.3599	11-07-18 14:35	879.4301293	Other	NA	Electronic	1.35789	1.3599
USDSGD	11-07-18	15:32-17:30			1.36244	11-07-18 16:42	4397.150646	Other	NA	Electronic	1.36042	1.36244
USDSGD	12-07-18	09:32-11:30			1.36157	12-07-18 09:58	17588.60259	Other	NA	Electronic	1.36157	1.36357
USDSGD	12-07-18	15:32-17:30			1.36138	12-07-18 16:37	879.4301293	Other	NA	Electronic	1.36138	1.36339
USDSGD	16-07-18	09:32-11:30			1.36245	16-07-18 10:20	879.4301293	Other	NA	Electronic	1.36042	1.36245
USDSGD	16-07-18	11:32-13:30			1.36015	16-07-18 12:08	879.4301293	Other	NA	Electronic	1.36015	1.36218
USDSGD	17-07-18	09:32-11:30			1.36102	17-07-18 09:59	30780.05452	Other	NA	Electronic	1.359	1.36102
USDSGD	17-07-18	11:32-13:30			1.36354	17-07-18 13:09	879.4301293	Other	NA	Electronic	1.36152	1.36353
USDSGD	17-07-18	13:32-15:30			1.36096	17-07-18 14:14	879.4301293	Other	NA	Electronic	1.36096	1.36298
USDSGD	17-07-18	15:32-17:30			1.36527	17-07-18 16:09	8794.301293	Other	NA	Electronic	1.36325	1.36527
USDSGD	19-07-18	11:32-13:30			1.37179	19-07-18 12:13	879.4301293	Other	NA	Electronic	1.37179	1.37382
USDSGD	23-07-18	09:32-11:30			1.36556	23-07-18 10:18	879.4301293	Other	NA	Electronic	1.36354	1.36556
USDSGD	24-07-18	09:32-11:30			1.36221	24-07-18 10:58	879.4301293	Other	NA	Electronic	1.36221	1.36423

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD	24-07-18	15:32-17:30			1.36503	24-07-18 15:54	879.4301293	Other	NA	Electronic	1.36301	1.36503
USDSGD	25-07-18	09:32-11:30			1.35982	25-07-18 09:48	879.4301293	Other	NA	Electronic	1.35982	1.36184
USDSGD	25-07-18	13:32-15:30			1.36424	25-07-18 14:44	879.4301293	Other	NA	Electronic	1.36218	1.36424
USDSGD	25-07-18	15:32-17:30			1.36108	25-07-18 16:17	879.4301293	Other	NA	Electronic	1.36108	1.3631
USDSGD	26-07-18	13:32-15:30			1.36231	26-07-18 14:20	879.4301293	Other	NA	Electronic	1.36231	1.36433
USDSGD	27-07-18	15:32-17:30			1.36298	27-07-18 16:42	879.4301293	Other	NA	Electronic	1.36095	1.36298
USDSGD	30-07-18	13:32-15:30			1.35993	30-07-18 14:29	17588.60259	Other	NA	Electronic	1.35993	1.36194
USDSGD	30-07-18	15:32-17:30			1.35969	30-07-18 16:31	879.4301293	Other	NA	Electronic	1.35969	1.36171
USDSGD	31-07-18	09:32-11:30			1.36277	31-07-18 09:37	17588.60259	Other	NA	Electronic	1.36074	1.36277
USDSGD	31-07-18	11:32-13:30			1.36218	31-07-18 12:03	879.4301293	Other	NA	Electronic	1.36017	1.36218
USDSGD	01-08-18	09:32-11:30			1.36243	01-08-18 10:21	1758.860259	Other	NA	Electronic	1.36051	1.36243
USDSGD	01-08-18	11:32-13:30			1.36228	01-08-18 12:16	879.4301293	Other	NA	Electronic	1.36036	1.36228
USDSGD	06-08-18	11:32-13:30			1.36991	06-08-18 11:55	4397.150646	Other	NA	Electronic	1.36794	1.36991
USDSGD	07-08-18	09:32-11:30			1.36416	07-08-18 10:02	4397.150646	Other	NA	Electronic	1.36416	1.36615
USDSGD	09-08-18	09:32-11:30			1.36384	09-08-18 09:51	13191.45194	Other	NA	Electronic	1.36191	1.36384

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD	09-08-18	13:32-15:30			1.36503	09-08-18 15:19	879.4301293	Other	NA	Electronic	1.36312	1.36503
USDSGD	09-08-18	15:32-17:30			1.36627	09-08-18 16:09	879.4301293	Other	NA	Electronic	1.36436	1.36627
USDSGD	14-08-18	13:32-15:30			1.37648	14-08-18 15:16	1758.860259	Other	NA	Electronic	1.37456	1.37648
USDSGD	14-08-18	15:32-17:30			1.37982	14-08-18 17:11	17588.60259	Other	NA	Electronic	1.37787	1.37982
USDSGD	15-08-18	13:32-15:30			1.38268	15-08-18 13:50	1758.860259	Other	NA	Electronic	1.38075	1.38268
USDSGD	15-08-18	15:32-17:30			1.3791	15-08-18 16:32	879.4301293	Other	NA	Electronic	1.3791	1.38104
USDSGD	16-08-18	15:32-17:30			1.37607	16-08-18 16:27	879.4301293	Other	NA	Electronic	1.37413	1.37607
USDSGD	20-08-18	09:32-11:30			1.3729	20-08-18 11:02	1758.860259	Other	NA	Electronic	1.37098	1.3729
USDSGD	24-08-18	11:32-13:30			1.36931	24-08-18 11:58	879.4301293	Other	NA	Electronic	1.36738	1.36931
USDSGD	24-08-18	13:32-15:30			1.36659	24-08-18 14:25	1758.860259	Other	NA	Electronic	1.36468	1.36659
USDSGD	27-08-18	11:30-11:32	1.36687	879.4301293								
USDSGD	28-08-18	09:32-11:30			1.36329	28-08-18 10:20	879.4301293	Other	NA	Electronic	1.36135	1.36329
USDSGD	28-08-18	13:32-15:30			1.36398	28-08-18 14:25	879.4301293	Other	NA	Electronic	1.36205	1.36398
USDSGD	30-08-18	09:32-11:30			1.36534	30-08-18 10:30	8794.301293	Other	NA	Electronic	1.36534	1.36725
USDSGD	30-08-18	15:32-17:30			1.36951	30-08-18 16:14	17588.60259	Other	NA	Electronic	1.36758	1.36951

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD	04-09-18	09:32-11:30			1.37759	04-09-18 11:00	879.4301293	Other	NA	Electronic	1.37567	1.37759
USDSGD	04-09-18	11:32-13:30			1.37465	04-09-18 12:55	7035.441034	Other	NA	Electronic	1.37465	1.37657
USDSGD	05-09-18	13:32-15:30			1.37819	05-09-18 14:23	7035.441034	Other	NA	Electronic	1.37626	1.37819
USDSGD	06-09-18	11:32-13:30			1.37413	06-09-18 13:03	879.4301293	Other	NA	Electronic	1.37413	1.37606
USDSGD	06-09-18	15:32-17:30			1.37644	06-09-18 17:10	2638.290388	Other	NA	Electronic	1.37449	1.37644
USDSGD	07-09-18	15:32-17:30			1.3803	07-09-18 16:18	879.4301293	Other	NA	Electronic	1.37833	1.3803
USDSGD	13-09-18	11:32-13:30			1.37288	13-09-18 12:22	879.4301293	Other	NA	Electronic	1.37097	1.37288
USDSGD	18-09-18	13:32-15:30			1.37189	18-09-18 14:58	7035.441034	Other	NA	Electronic	1.36999	1.37191
USDSGD	20-09-18	09:32-11:30			1.36646	20-09-18 10:41	7035.441034	Other	NA	Electronic	1.36646	1.36839
USDSGD	28-09-18	15:32-17:30			1.36788	28-09-18 17:07	879.4301293	Other	NA	Electronic	1.36589	1.36788
USDSGD.	02-07-18	11:32-13:30			1.36892	02-07-18 12:34	879.4301293	Other	NA	Electronic	1.3683	1.36892
USDSGD.	03-07-18	09:32-11:30			1.36563	03-07-18 09:41	1758.860259	Other	NA	Electronic	1.36563	1.36624
USDSGD.	05-07-18	09:32-11:30			1.36374	05-07-18 11:17	879.4301293	Other	NA	Electronic	1.36374	1.36436
USDSGD.	09-07-18	13:32-15:30			1.35507	09-07-18 13:59	879.4301293	Other	NA	Electronic	1.35506	1.35567
USDSGD.	13-07-18	13:32-15:30			1.36731	13-07-18 14:30	5276.580776	Other	NA	Electronic	1.36731	1.36794

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD.	17-07-18	13:32-15:30			1.36325	17-07-18 14:46	3517.720517	Other	NA	Electronic	1.36264	1.36325
USDSGD.	18-07-18	11:32-13:30			1.36901	18-07-18 11:44	4397.150646	Other	NA	Electronic	1.36842	1.36903
USDSGD.	19-07-18	09:32-11:30			1.37238	19-07-18 10:59	4397.150646	Other	NA	Electronic	1.37178	1.37238
USDSGD.	19-07-18	11:32-13:30			1.37426	19-07-18 12:30	4397.150646	Other	NA	Electronic	1.37366	1.37426
USDSGD.	19-07-18	15:32-17:30			1.3717	19-07-18 17:02	1758.860259	Other	NA	Electronic	1.37173	1.37241
USDSGD.	01-08-18	11:32-13:30			1.36101	01-08-18 13:11	4397.150646	Other	NA	Electronic	1.36101	1.36158
USDSGD.	03-08-18	09:32-11:30			1.36929	03-08-18 11:00	4397.150646	Other	NA	Electronic	1.36929	1.36987
USDSGD.	06-08-18	11:32-13:30			1.3697	06-08-18 12:57	3517.720517	Other	NA	Electronic	1.36913	1.3697
USDSGD.	09-08-18	15:32-17:30			1.36532	09-08-18 16:01	2638.290388	Other	NA	Electronic	1.36476	1.36532
USDSGD.	10-08-18	11:32-13:30			1.37227	10-08-18 13:21	879.4301293	Other	NA	Electronic	1.37227	1.37281
USDSGD.	10-08-18	13:32-15:30			1.37116	10-08-18 14:08	879.4301293	Other	NA	Electronic	1.37062	1.37116
USDSGD.	10-08-18	15:32-17:30			1.37377	10-08-18 17:25	1758.860259	Other	NA	Electronic	1.3732	1.37378
USDSGD.	30-08-18	09:32-11:30			1.3658	30-08-18 10:16	7035.441034	Other	NA	Electronic	1.3658	1.36631
USDSGD.	07-09-18	11:32-13:30			1.3761	07-09-18 11:46	3517.720517	Other	NA	Electronic	1.37558	1.3761
USDSGD.	13-09-18	13:32-15:30			1.37151	13-09-18 15:08	3517.720517	Other	NA	Electronic	1.37099	1.37151

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGD.	17-09-18	13:32-15:30			1.3712	17-09-18 13:58	879.4301293	Other	NA	Electronic	1.3712	1.37174
USDSGD.	27-09-18	11:32-13:30			1.36478	27-09-18 12:26	4397.150646	Other	NA	Electronic	1.36425	1.36478
USDSGDmicro	02-07-18	11:32-13:30			1.37039	02-07-18 13:10	4397.150646	Other	NA	Electronic	1.36836	1.37039
USDSGDmicro	02-07-18	13:30-13:32	1.36989	52.76580776								
USDSGDmicro	02-07-18	15:32-17:30			1.36962	02-07-18 16:11	43.97150646	Other	NA	Electronic	1.36962	1.37164
USDSGDmicro	03-07-18	11:32-13:30			1.36689	03-07-18 11:34	105.5316155	Other	NA	Electronic	1.36487	1.36689
USDSGDmicro	04-07-18	09:32-11:30			1.36606	04-07-18 09:57	70.35441034	Other	NA	Electronic	1.36406	1.36606
USDSGDmicro	04-07-18	11:32-13:30			1.36586	04-07-18 11:36	8.794301293	Other	NA	Electronic	1.36384	1.36586
USDSGDmicro	04-07-18	13:32-15:30			1.36374	04-07-18 14:11	17588.60259	Other	NA	Electronic	1.36374	1.36577
USDSGDmicro	04-07-18	15:32-17:30			1.36628	04-07-18 15:55	43.97150646	Other	NA	Electronic	1.36428	1.36628
USDSGDmicro	05-07-18	11:32-13:30			1.36227	05-07-18 12:34	43.97150646	Other	NA	Electronic	1.36227	1.36429
USDSGDmicro	05-07-18	13:32-15:30			1.36374	05-07-18 14:57	175.8860259	Other	NA	Electronic	1.36374	1.36574
USDSGDmicro	06-07-18	09:32-11:30			1.35979	06-07-18 10:55	175.8860259	Other	NA	Electronic	1.35979	1.36181
USDSGDmicro	06-07-18	11:32-13:30			1.36015	06-07-18 12:30	105.5316155	Other	NA	Electronic	1.35807	1.36012
USDSGDmicro	06-07-18	13:32-15:30			1.35758	06-07-18 14:07	439.7150646	Other	NA	Electronic	1.35758	1.35959

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	06-07-18	15:32-17:30			1.35949	06-07-18 15:40	439.7150646	Other	NA	Electronic	1.35747	1.35949
USDSGDmicro	09-07-18	09:32-11:30			1.3547	09-07-18 10:41	87.94301293	Other	NA	Electronic	1.3527	1.35472
USDSGDmicro	09-07-18	13:32-15:30			1.356	09-07-18 13:55	17588.60259	Other	NA	Electronic	1.35401	1.356
USDSGDmicro	09-07-18	15:32-17:30			1.35741	09-07-18 15:33	8.794301293	Other	NA	Electronic	1.35541	1.3574
USDSGDmicro	10-07-18	15:32-17:30			1.35486	10-07-18 16:35	175.8860259	Other	NA	Electronic	1.35486	1.35689
USDSGDmicro	11-07-18	09:32-11:30			1.36031	11-07-18 10:07	8.794301293	Other	NA	Electronic	1.36025	1.36226
USDSGDmicro	11-07-18	11:32-13:30			1.35804	11-07-18 12:52	703.5441034	Other	NA	Electronic	1.35804	1.36007
USDSGDmicro	11-07-18	15:32-17:30			1.36166	11-07-18 17:02	351.7720517	Other	NA	Electronic	1.36166	1.3637
USDSGDmicro	12-07-18	11:30-11:32	1.36521	8.794301293								
USDSGDmicro	12-07-18	15:32-17:30			1.36155	12-07-18 15:37	8.794301293	Other	NA	Electronic	1.36155	1.36357
USDSGDmicro	13-07-18	09:32-11:30			1.36968	13-07-18 11:26	1758.860259	Other	NA	Electronic	1.36766	1.36968
USDSGDmicro	13-07-18	11:32-13:30			1.36863	13-07-18 12:13	87.94301293	Other	NA	Electronic	1.36663	1.36863
USDSGDmicro	16-07-18	09:32-11:30			1.36	16-07-18 11:02	8.794301293	Other	NA	Electronic	1.36002	1.36202
USDSGDmicro	16-07-18	11:32-13:30			1.36273	16-07-18 12:34	7035.441034	Other	NA	Electronic	1.36071	1.36273
USDSGDmicro	16-07-18	13:32-15:30			1.36302	16-07-18 14:57	175.8860259	Other	NA	Electronic	1.36102	1.36302



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	16-07-18	15:32-17:30			1.36105	16-07-18 16:29	8.794301293	Other	NA	Electronic	1.36105	1.36307
USDSGDmicro	17-07-18	09:32-11:30			1.36058	17-07-18 09:35	8.794301293	Other	NA	Electronic	1.35856	1.36058
USDSGDmicro	18-07-18	09:30-09:32	1.36634	87.94301293								
USDSGDmicro	19-07-18	09:32-11:30			1.37246	19-07-18 09:56	87.94301293	Other	NA	Electronic	1.37044	1.37246
USDSGDmicro	19-07-18	11:32-13:30			1.3741	19-07-18 12:21	26.38290388	Other	NA	Electronic	1.37209	1.37411
USDSGDmicro	19-07-18	13:32-15:30			1.37171	19-07-18 13:32	87.94301293	Other	NA	Electronic	1.37171	1.37368
USDSGDmicro	19-07-18	15:32-17:30			1.36899	19-07-18 17:15	8.794301293	Other	NA	Electronic	1.36899	1.37106
USDSGDmicro	20-07-18	11:32-13:30			1.36578	20-07-18 13:10	8.794301293	Other	NA	Electronic	1.36376	1.36578
USDSGDmicro	20-07-18	13:32-15:30			1.36435	20-07-18 14:25	879.4301293	Other	NA	Electronic	1.36236	1.36438
USDSGDmicro	23-07-18	13:32-15:30			1.36647	23-07-18 14:16	879.4301293	Other	NA	Electronic	1.36445	1.36647
USDSGDmicro	24-07-18	13:32-15:30			1.36175	24-07-18 14:10	879.4301293	Other	NA	Electronic	1.36175	1.36377
USDSGDmicro	24-07-18	15:32-17:30			1.36499	24-07-18 17:09	439.7150646	Other	NA	Electronic	1.36296	1.36499
USDSGDmicro	26-07-18	13:32-15:30			1.36316	26-07-18 14:24	43.97150646	Other	NA	Electronic	1.36316	1.3652
USDSGDmicro	27-07-18	15:32-17:30			1.36092	27-07-18 16:58	26.38290388	Other	NA	Electronic	1.3609	1.36292
USDSGDmicro	31-07-18	11:32-13:30			1.36247	31-07-18 12:18	114.3259168	Other	NA	Electronic	1.36046	1.36247

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	31-07-18	15:32-17:30			1.36209	31-07-18 15:33	43.97150646	Other	NA	Electronic	1.36017	1.36209
USDSGDmicro	01-08-18	09:32-11:30			1.36047	01-08-18 10:20	8.794301293	Other	NA	Electronic	1.36047	1.36238
USDSGDmicro	01-08-18	11:32-13:30			1.36035	01-08-18 12:16	43.97150646	Other	NA	Electronic	1.36035	1.36228
USDSGDmicro	02-08-18	09:30-09:32	1.36677	175.8860259								
USDSGDmicro	02-08-18	11:32-13:30			1.36572	02-08-18 12:14	87.94301293	Other	NA	Electronic	1.36572	1.36765
USDSGDmicro	03-08-18	09:32-11:30			1.3671	03-08-18 11:29	175.8860259	Other	NA	Electronic	1.36513	1.3671
USDSGDmicro	03-08-18	11:32-13:30			1.36565	03-08-18 11:37	87.94301293	Other	NA	Electronic	1.36367	1.36565
USDSGDmicro	06-08-18	09:32-11:30			1.36753	06-08-18 10:09	87.94301293	Other	NA	Electronic	1.3656	1.36753
USDSGDmicro	06-08-18	11:32-13:30			1.36776	06-08-18 13:20	87.94301293	Other	NA	Electronic	1.36776	1.3697
USDSGDmicro	06-08-18	15:32-17:30			1.367	06-08-18 16:31	879.4301293	Other	NA	Electronic	1.367	1.36893
USDSGDmicro	07-08-18	11:32-13:30			1.36482	07-08-18 11:51	263.8290388	Other	NA	Electronic	1.36289	1.36482
USDSGDmicro	07-08-18	13:32-15:30			1.36464	07-08-18 14:14	879.4301293	Other	NA	Electronic	1.36271	1.36464
USDSGDmicro	08-08-18	09:32-11:30			1.36461	08-08-18 09:49	158.2974233	Other	NA	Electronic	1.36268	1.36461
USDSGDmicro	09-08-18	15:32-17:30			1.36407	09-08-18 16:01	87.94301293	Other	NA	Electronic	1.36407	1.366
USDSGDmicro	10-08-18	15:32-17:30			1.37242	10-08-18 17:07	263.8290388	Other	NA	Electronic	1.37242	1.37437

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	13-08-18	09:32-11:30			1.37598	13-08-18 10:00	6156.010905	Other	NA	Electronic	1.37598	1.37792
USDSGDmicro	13-08-18	11:32-13:30			1.37697	13-08-18 12:18	26.38290388	Other	NA	Electronic	1.37507	1.37697
USDSGDmicro	13-08-18	13:32-15:30			1.37447	13-08-18 14:49	439.7150646	Other	NA	Electronic	1.37447	1.3764
USDSGDmicro	13-08-18	15:32-17:30			1.37786	13-08-18 15:59	439.7150646	Other	NA	Electronic	1.37593	1.37786
USDSGDmicro	14-08-18	09:30-09:32	1.37329	2198.575323								
USDSGDmicro	14-08-18	11:32-13:30			1.37339	14-08-18 13:01	35.17720517	Other	NA	Electronic	1.37339	1.37533
USDSGDmicro	14-08-18	15:32-17:30			1.37794	14-08-18 17:09	316.5948465	Other	NA	Electronic	1.37794	1.3799
USDSGDmicro	15-08-18	11:32-13:30			1.38196	15-08-18 11:46	8.794301293	Other	NA	Electronic	1.38003	1.38194
USDSGDmicro	15-08-18	13:32-15:30			1.38076	15-08-18 13:50	351.7720517	Other	NA	Electronic	1.38076	1.38269
USDSGDmicro	15-08-18	15:32-17:30			1.38064	15-08-18 17:26	87.94301293	Other	NA	Electronic	1.3787	1.38064
USDSGDmicro	17-08-18	11:32-13:30			1.37183	17-08-18 13:01	26.38290388	Other	NA	Electronic	1.37183	1.37375
USDSGDmicro	20-08-18	09:32-11:30			1.37284	20-08-18 10:16	175.8860259	Other	NA	Electronic	1.37092	1.37284
USDSGDmicro	20-08-18	11:32-13:30			1.37079	20-08-18 11:36	87.94301293	Other	NA	Electronic	1.37079	1.37271
USDSGDmicro	20-08-18	13:32-15:30			1.37014	20-08-18 15:21	175.8860259	Other	NA	Electronic	1.37014	1.37205
USDSGDmicro	21-08-18	09:32-11:30			1.36616	21-08-18 10:55	87.94301293	Other	NA	Electronic	1.36616	1.36807

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	22-08-18	13:32-15:30			1.36603	22-08-18 14:37	96.73731422	Other	NA	Electronic	1.36603	1.36796
USDSGDmicro	23-08-18	13:32-15:30			1.3713	23-08-18 14:24	290.2119427	Other	NA	Electronic	1.3713	1.37322
USDSGDmicro	24-08-18	11:32-13:30			1.36715	24-08-18 11:40	879.4301293	Other	NA	Electronic	1.36715	1.36906
USDSGDmicro	24-08-18	13:32-15:30			1.36696	24-08-18 14:07	879.4301293	Other	NA	Electronic	1.36499	1.36696
USDSGDmicro	24-08-18	15:32-17:30			1.36403	24-08-18 16:31	43.97150646	Other	NA	Electronic	1.36403	1.36599
USDSGDmicro	27-08-18	15:32-17:30			1.36357	27-08-18 16:23	87.94301293	Other	NA	Electronic	1.36165	1.36357
USDSGDmicro	28-08-18	11:32-13:30			1.36134	28-08-18 12:23	87.94301293	Other	NA	Electronic	1.36134	1.36326
USDSGDmicro	29-08-18	11:30-11:32	1.36611	87.94301293								
USDSGDmicro	30-08-18	09:32-11:30			1.36509	30-08-18 09:56	8.794301293	Other	NA	Electronic	1.36509	1.36701
USDSGDmicro	30-08-18	11:32-13:30			1.36508	30-08-18 12:50	430.9207633	Other	NA	Electronic	1.36508	1.367
USDSGDmicro	30-08-18	13:32-15:30			1.36702	30-08-18 13:35	290.2119427	Other	NA	Electronic	1.36702	1.36895
USDSGDmicro	30-08-18	15:32-17:30			1.36944	30-08-18 16:07	175.8860259	Other	NA	Electronic	1.36752	1.36944
USDSGDmicro	31-08-18	09:32-11:30			1.36994	31-08-18 11:26	316.5948465	Other	NA	Electronic	1.36994	1.37185
USDSGDmicro	31-08-18	11:32-13:30			1.37129	31-08-18 12:15	43.97150646	Other	NA	Electronic	1.36935	1.37128
USDSGDmicro	31-08-18	13:30-13:32	1.37026	87.94301293								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	03-09-18	11:32-13:30			1.37049	03-09-18 13:22	439.7150646	Other	NA	Electronic	1.37049	1.37243
USDSGDmicro	04-09-18	09:32-11:30			1.37548	04-09-18 10:29	386.9492569	Other	NA	Electronic	1.37548	1.3774
USDSGDmicro	05-09-18	11:32-13:30			1.37848	05-09-18 12:49	87.94301293	Other	NA	Electronic	1.37657	1.37848
USDSGDmicro	05-09-18	13:32-15:30			1.37549	05-09-18 14:43	87.94301293	Other	NA	Electronic	1.37549	1.37742
USDSGDmicro	05-09-18	15:32-17:30			1.37496	05-09-18 16:46	26.38290388	Other	NA	Electronic	1.37496	1.37688
USDSGDmicro	07-09-18	11:32-13:30			1.37858	07-09-18 12:54	43.97150646	Other	NA	Electronic	1.37664	1.37858
USDSGDmicro	07-09-18	15:32-17:30			1.38029	07-09-18 16:29	879.4301293	Other	NA	Electronic	1.37835	1.38029
USDSGDmicro	10-09-18	09:30-09:32	1.37989	17.58860259								
USDSGDmicro	10-09-18	15:32-17:30			1.37976	10-09-18 16:16	96.73731422	Other	NA	Electronic	1.37783	1.37976
USDSGDmicro	11-09-18	11:32-13:30			1.37889	11-09-18 12:04	439.7150646	Other	NA	Electronic	1.37698	1.37889
USDSGDmicro	13-09-18	11:32-13:30			1.37096	13-09-18 12:36	351.7720517	Other	NA	Electronic	1.36896	1.37096
USDSGDmicro	13-09-18	15:32-17:30			1.36968	13-09-18 16:52	439.7150646	Other	NA	Electronic	1.36968	1.37161
USDSGDmicro	14-09-18	13:32-15:30			1.37111	14-09-18 14:12	290.2119427	Other	NA	Electronic	1.37111	1.37304
USDSGDmicro	17-09-18	11:32-13:30			1.37163	17-09-18 12:01	8.794301293	Other	NA	Electronic	1.37163	1.37358
USDSGDmicro	17-09-18	13:32-15:30			1.37009	17-09-18 14:20	2286.518336	Other	NA	Electronic	1.37009	1.37204

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	17-09-18	15:32-17:30			1.37032	17-09-18 15:49	879.4301293	Other	NA	Electronic	1.37032	1.37225
USDSGDmicro	18-09-18	15:32-17:30			1.37204	18-09-18 15:37	87.94301293	Other	NA	Electronic	1.37011	1.37204
USDSGDmicro	19-09-18	13:32-15:30			1.37025	19-09-18 14:01	26.38290388	Other	NA	Electronic	1.37025	1.37218
USDSGDmicro	19-09-18	15:32-17:30			1.37005	19-09-18 16:27	2022.689297	Other	NA	Electronic	1.36812	1.37005
USDSGDmicro	20-09-18	11:32-13:30			1.36426	20-09-18 12:44	879.4301293	Other	NA	Electronic	1.36426	1.3662
USDSGDmicro	20-09-18	13:32-15:30			1.36662	20-09-18 14:33	879.4301293	Other	NA	Electronic	1.3647	1.36664
USDSGDmicro	21-09-18	09:32-11:30			1.36447	21-09-18 10:54	87.94301293	Other	NA	Electronic	1.36254	1.36447
USDSGDmicro	21-09-18	15:32-17:30			1.36632	21-09-18 15:39	263.8290388	Other	NA	Electronic	1.36439	1.36632
USDSGDmicro	24-09-18	09:32-11:30			1.36343	24-09-18 09:38	879.4301293	Other	NA	Electronic	1.36343	1.36537
USDSGDmicro	24-09-18	11:32-13:30			1.36547	24-09-18 11:40	879.4301293	Other	NA	Electronic	1.36352	1.36547
USDSGDmicro	26-09-18	09:32-11:30			1.3641	26-09-18 10:06	263.8290388	Other	NA	Electronic	1.3641	1.36603
USDSGDmicro	26-09-18	11:32-13:30			1.36622	26-09-18 11:41	26.38290388	Other	NA	Electronic	1.36429	1.36622
USDSGDmicro	26-09-18	15:32-17:30			1.3638	26-09-18 17:22	17.58860259	Other	NA	Electronic	1.3638	1.36573
USDSGDmicro	27-09-18	09:32-11:30			1.36566	27-09-18 11:24	8.794301293	Other	NA	Electronic	1.36373	1.36566
USDSGDmicro	27-09-18	13:32-15:30			1.36528	27-09-18 15:03	184.6803271	Other	NA	Electronic	1.36528	1.36721

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDSGDmicro	27-09-18	15:32-17:30			1.36792	27-09-18 17:09	87.94301293	Other	NA	Electronic	1.36601	1.36792
USDTRY	02-07-18	09:32-11:30			4.61819	02-07-18 09:34	1758.860259	Other	NA	Electronic	4.61576	4.61819
USDTRY	02-07-18	11:32-13:30			4.62039	02-07-18 11:46	879.4301293	Other	NA	Electronic	4.6184	4.62039
USDTRY	02-07-18	13:32-15:30			4.61989	02-07-18 13:53	879.4301293	Other	NA	Electronic	4.61781	4.61989
USDTRY	02-07-18	15:32-17:30			4.62486	02-07-18 15:44	4397.150646	Other	NA	Electronic	4.62486	4.62744
USDTRY	03-07-18	09:30-09:32	4.66889	8794.301293								
USDTRY	03-07-18	11:30-11:32	4.66161	1758.860259								
USDTRY	03-07-18	13:32-15:30			4.66271	03-07-18 13:36	8794.301293	Other	NA	Electronic	4.66271	4.66484
USDTRY	03-07-18	15:30-15:32	4.67406	5276.580776								
USDTRY	04-07-18	09:30-09:32	4.70406	7035.441034								
USDTRY	04-07-18	11:30-11:32	4.70703	1758.860259								
USDTRY	04-07-18	13:32-15:30			4.68244	04-07-18 13:36	1758.860259	Other	NA	Electronic	4.68011	4.68244
USDTRY	04-07-18	15:32-17:30			4.67189	04-07-18 15:42	8794.301293	Other	NA	Electronic	4.66876	4.67189
USDTRY	05-07-18	09:30-09:32	4.64689	4397.150646								
USDTRY	05-07-18	11:30-11:32	4.62096	1758.860259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	05-07-18	13:30-13:32	4.61645	18468.03271								
USDTRY	05-07-18	15:32-17:30			4.59949	05-07-18 15:36	1758.860259	Other	NA	Electronic	4.59631	4.59949
USDTRY	06-07-18	09:32-11:30			4.60351	06-07-18 09:32	879.4301293	Other	NA	Electronic	4.60353	4.60752
USDTRY	06-07-18	11:32-13:30			4.61457	06-07-18 11:34	879.4301293	Other	NA	Electronic	4.61239	4.61457
USDTRY	06-07-18	13:32-15:30			4.57882	06-07-18 13:34	65957.2597	Other	NA	Electronic	4.57666	4.57882
USDTRY	06-07-18	15:32-17:30			4.57444	06-07-18 15:32	10553.16155	Other	NA	Electronic	4.57246	4.57444
USDTRY	09-07-18	09:30-09:32	4.52509	40453.78595								
USDTRY	09-07-18	11:32-13:30			4.52234	09-07-18 11:36	8794.301293	Other	NA	Electronic	4.52046	4.52234
USDTRY	09-07-18	13:30-13:32	4.55332	4397.150646								
USDTRY	09-07-18	15:32-17:30			4.57609	09-07-18 15:32	1758.860259	Other	NA	Electronic	4.57203	4.57609
USDTRY	10-07-18	09:30-09:32	4.70324	2638.290388								
USDTRY	10-07-18	11:30-11:32	4.72816	17588.60259								
USDTRY	10-07-18	13:30-13:32	4.68676	87943.01293								
USDTRY	10-07-18	15:32-17:30			4.69968	10-07-18 15:32	36056.6353	Other	NA	Electronic	4.69636	4.69968
USDTRY	11-07-18	09:30-09:32	4.74946	17588.60259								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	11-07-18	11:30-11:32	4.75922	3517.720517								
USDTRY	11-07-18	13:30-13:32	4.76265	22865.18336								
USDTRY	11-07-18	15:30-15:32	4.83365	257673.0279								
USDTRY	12-07-18	09:30-09:32	4.79824	25503.47375								
USDTRY	12-07-18	11:32-13:30			4.82146	12-07-18 11:33	1758.860259	Other	NA	Electronic	4.82146	4.82454
USDTRY	12-07-18	13:30-13:32	4.87665	15829.74233								
USDTRY	12-07-18	15:30-15:32	4.84042	22865.18336								
USDTRY	13-07-18	09:32-11:30			4.85889	13-07-18 09:36	879.4301293	Other	NA	Electronic	4.85676	4.85889
USDTRY	13-07-18	11:30-11:32	4.85556	30780.05452								
USDTRY	13-07-18	13:30-13:32	4.84386	5276.580776								
USDTRY	13-07-18	15:30-15:32	4.82494	23744.61349								
USDTRY	16-07-18	09:32-11:30			4.83681	16-07-18 09:41	879.4301293	Other	NA	Electronic	4.83681	4.83899
USDTRY	16-07-18	11:32-13:30			4.84581	16-07-18 11:38	26382.90388	Other	NA	Electronic	4.84581	4.84784
USDTRY	16-07-18	13:30-13:32	4.83582	14070.88207								
USDTRY	16-07-18	15:32-17:30			4.84059	16-07-18 15:33	3517.720517	Other	NA	Electronic	4.83761	4.84059

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	17-07-18	09:32-11:30			4.83808	17-07-18 09:32	5276.580776	Other	NA	Electronic	4.83551	4.83808
USDTRY	17-07-18	11:32-13:30			4.84161	17-07-18 11:32	879.4301293	Other	NA	Electronic	4.84161	4.84437
USDTRY	17-07-18	13:30-13:32	4.83099	57162.9584								
USDTRY	17-07-18	15:30-15:32	4.784	11432.59168								
USDTRY	18-07-18	09:32-11:30			4.78511	18-07-18 09:41	879.4301293	Other	NA	Electronic	4.78276	4.78511
USDTRY	18-07-18	11:30-11:32	4.82558	143347.1111								
USDTRY	18-07-18	13:32-15:30			4.82561	18-07-18 13:37	4397.150646	Other	NA	Electronic	4.82561	4.82804
USDTRY	18-07-18	15:32-17:30			4.80889	18-07-18 15:33	879.4301293	Other	NA	Electronic	4.80549	4.80889
USDTRY	19-07-18	09:30-09:32	4.82943	281417.6414								
USDTRY	19-07-18	11:30-11:32	4.82918	268226.1894								
USDTRY	19-07-18	13:30-13:32	4.82226	879.4301293								
USDTRY	19-07-18	15:30-15:32	4.82451	4397.150646								
USDTRY	20-07-18	09:30-09:32	4.80105	18468.03271								
USDTRY	20-07-18	11:32-13:30			4.80034	20-07-18 11:36	1758.860259	Other	NA	Electronic	4.79816	4.80034
USDTRY	20-07-18	13:30-13:32	4.77338	19347.46284								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	20-07-18	15:32-17:30			4.79141	20-07-18 15:33	879.4301293	Other	NA	Electronic	4.79141	4.79454
USDTRY	23-07-18	09:32-11:30			4.76249	23-07-18 09:56	43971.50646	Other	NA	Electronic	4.75976	4.76249
USDTRY	23-07-18	11:32-13:30			4.75218	23-07-18 11:34	2638.290388	Other	NA	Electronic	4.75005	4.75218
USDTRY	23-07-18	13:30-13:32	4.73839	36056.6353								
USDTRY	23-07-18	15:30-15:32	4.74904	879.4301293								
USDTRY	24-07-18	09:30-09:32	4.77064	21985.75323								
USDTRY	24-07-18	11:30-11:32	4.90738	101134.4649								
USDTRY	24-07-18	13:30-13:32	4.89333	166212.2944								
USDTRY	24-07-18	15:30-15:32	4.87797	9673.731422								
USDTRY	25-07-18	09:30-09:32	4.85295	20226.89297								
USDTRY	25-07-18	11:30-11:32	4.86651	1758.860259								
USDTRY	25-07-18	13:30-13:32	4.82874	1758.860259								
USDTRY	25-07-18	15:30-15:32	4.83349	1758.860259								
USDTRY	26-07-18	09:32-11:30			4.82386	26-07-18 09:33	1758.860259	Other	NA	Electronic	4.82386	4.82574
USDTRY	26-07-18	11:32-13:30			4.82564	26-07-18 11:32	879.4301293	Other	NA	Electronic	4.82366	4.82564

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	26-07-18	13:30-13:32	4.80759	1758.860259								
USDTRY	26-07-18	15:30-15:32	4.8525	29021.19427								
USDTRY	27-07-18	09:32-11:30			4.86264	27-07-18 09:37	8794.301293	Other	NA	Electronic	4.85971	4.86264
USDTRY	27-07-18	11:30-11:32	4.87189	1758.860259								
USDTRY	27-07-18	13:30-13:32	4.85651	879.4301293								
USDTRY	27-07-18	15:32-17:30			4.85989	27-07-18 15:34	10553.16155	Other	NA	Electronic	4.85536	4.85984
USDTRY	30-07-18	09:32-11:30			4.88111	30-07-18 09:34	1758.860259	Other	NA	Electronic	4.88111	4.88429
USDTRY	30-07-18	11:32-13:30			4.89114	30-07-18 11:33	26382.90388	Other	NA	Electronic	4.88841	4.89114
USDTRY	30-07-18	13:30-13:32	4.87894	879.4301293								
USDTRY	30-07-18	15:32-17:30			4.88451	30-07-18 15:43	1758.860259	Other	NA	Electronic	4.88451	4.88759
USDTRY	31-07-18	09:32-11:30			4.90109	31-07-18 09:41	8794.301293	Other	NA	Electronic	4.89871	4.90109
USDTRY	31-07-18	11:30-11:32	4.88154	879.4301293								
USDTRY	31-07-18	13:30-13:32	4.90172	177644.8861								
USDTRY	31-07-18	15:30-15:32	4.91408	2638.290388								
USDTRY	01-08-18	09:30-09:32	4.93358	29021.19427								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	01-08-18	11:30-11:32	4.92234	3517.720517								
USDTRY	01-08-18	13:30-13:32	4.91837	58042.38853								
USDTRY	01-08-18	15:32-17:30			4.92439	01-08-18 15:36	8794.301293	Other	NA	Electronic	4.92126	4.92439
USDTRY	02-08-18	09:30-09:32	5.08572	1758.860259								
USDTRY	02-08-18	11:30-11:32	5.04337	6156.010905								
USDTRY	02-08-18	13:32-15:30			5.05719	02-08-18 13:47	879.4301293	Other	NA	Electronic	5.0538	5.05719
USDTRY	02-08-18	15:32-17:30			5.06864	02-08-18 15:44	263829.0388	Other	NA	Electronic	5.06571	5.06864
USDTRY	03-08-18	09:32-11:30			5.08226	03-08-18 09:34	13191.45194	Other	NA	Electronic	5.08226	5.08484
USDTRY	03-08-18	11:30-11:32	5.07553	8794.301293								
USDTRY	03-08-18	13:30-13:32	5.07326	87943.01293								
USDTRY	03-08-18	15:32-17:30			5.07134	03-08-18 15:45	4397.150646	Other	NA	Electronic	5.06806	5.07134
USDTRY	06-08-18	09:30-09:32	5.17137	92340.16357								
USDTRY	06-08-18	11:32-13:30			5.16809	06-08-18 11:32	1758.860259	Other	NA	Electronic	5.16491	5.16809
USDTRY	06-08-18	13:32-15:30			5.17761	06-08-18 13:32	879.4301293	Other	NA	Electronic	5.17761	5.17941
USDTRY	06-08-18	15:30-15:32	5.19714	24624.04362								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	07-08-18	09:30-09:32	5.25867	61560.10905								
USDTRY	07-08-18	11:30-11:32	5.32696	20226.89297								
USDTRY	07-08-18	13:30-13:32	5.28571	879.4301293								
USDTRY	07-08-18	15:32-17:30			5.26038	07-08-18 15:33	879.4301293	Other	NA	Electronic	5.25687	5.26038
USDTRY	08-08-18	09:32-11:30			5.29647	08-08-18 09:32	879.4301293	Other	NA	Electronic	5.29384	5.29647
USDTRY	08-08-18	11:32-13:30			5.29181	08-08-18 11:32	2638.290388	Other	NA	Electronic	5.29174	5.29377
USDTRY	08-08-18	13:30-13:32	5.2769	17588.60259								
USDTRY	08-08-18	15:32-17:30			5.29413	08-08-18 15:35	1758.860259	Other	NA	Electronic	5.28918	5.29413
USDTRY	09-08-18	09:32-11:30			5.41183	09-08-18 09:33	1758.860259	Other	NA	Electronic	5.41183	5.41429
USDTRY	09-08-18	11:32-13:30			5.40457	09-08-18 11:33	2638.290388	Other	NA	Electronic	5.40457	5.40886
USDTRY	09-08-18	13:30-13:32	5.44427	19347.46284								
USDTRY	09-08-18	15:30-15:32	5.47051	879.4301293								
USDTRY	10-08-18	09:30-09:32	5.90964	87943.01293								
USDTRY	10-08-18	11:30-11:32	5.9307	88822.44306								
USDTRY	10-08-18	13:30-13:32	6.72564	397502.4184								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	10-08-18	15:30-15:32	6.41035	7035.441034								
USDTRY	13-08-18	09:32-11:30			7.00029	13-08-18 11:08	879.4301293	Other	NA	Electronic	6.95074	7.00029
USDTRY	13-08-18	11:30-11:32	6.97634	879.4301293								
USDTRY	13-08-18	15:32-17:30			7.01017	13-08-18 17:21	879.4301293	Other	NA	Electronic	6.96517	7.01017
USDTRY	14-08-18	09:32-11:30			6.6001	14-08-18 10:40	879.4301293	Other	NA	Electronic	6.5551	6.6001
USDTRY	14-08-18	13:32-15:30			6.52373	14-08-18 15:25	879.4301293	Other	NA	Electronic	6.47873	6.52373
USDTRY	14-08-18	15:32-17:30			6.50438	14-08-18 16:25	2638.290388	Other	NA	Electronic	6.45938	6.50438
USDTRY	16-08-18	11:32-13:30			5.80481	16-08-18 12:04	2638.290388	Other	NA	Electronic	5.80481	5.84981
USDTRY	20-08-18	09:32-11:30			6.05246	20-08-18 09:51	879.4301293	Other	NA	Electronic	6.05246	6.09746
USDTRY	20-08-18	11:32-13:30			6.14303	20-08-18 12:21	1758.860259	Other	NA	Electronic	6.09803	6.14303
USDTRY	20-08-18	13:32-15:30			6.1388	20-08-18 13:32	879.4301293	Other	NA	Electronic	6.1388	6.1838
USDTRY	20-08-18	15:32-17:30			6.12889	20-08-18 15:39	879.4301293	Other	NA	Electronic	6.12877	6.17377
USDTRY	21-08-18	09:32-11:30			6.14631	21-08-18 09:34	3517.720517	Other	NA	Electronic	6.10128	6.14628
USDTRY	21-08-18	11:32-13:30			6.10679	21-08-18 12:10	2638.290388	Other	NA	Electronic	6.10679	6.15179
USDTRY	21-08-18	13:32-15:30			6.10576	21-08-18 13:39	879.4301293	Other	NA	Electronic	6.05914	6.10414

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	21-08-18	15:32-17:30			6.03931	21-08-18 17:11	879.4301293	Other	NA	Electronic	6.03931	6.08431
USDTRY	22-08-18	11:32-13:30			6.0243	22-08-18 11:36	879.4301293	Other	NA	Electronic	6.0243	6.0693
USDTRY	22-08-18	13:32-15:30			6.06876	22-08-18 14:33	879.4301293	Other	NA	Electronic	6.02376	6.06876
USDTRY	22-08-18	15:32-17:30			6.0706	22-08-18 15:43	879.4301293	Other	NA	Electronic	6.0256	6.0706
USDTRY	23-08-18	09:32-11:30			6.084	23-08-18 10:39	879.4301293	Other	NA	Electronic	6.039	6.084
USDTRY	23-08-18	11:32-13:30			6.08611	23-08-18 11:39	1758.860259	Other	NA	Electronic	6.04111	6.08611
USDTRY	23-08-18	13:32-15:30			6.0642	23-08-18 14:01	879.4301293	Other	NA	Electronic	6.0642	6.1092
USDTRY	23-08-18	15:32-17:30			6.13663	23-08-18 16:04	1758.860259	Other	NA	Electronic	6.09163	6.13663
USDTRY	24-08-18	09:32-11:30			6.04082	24-08-18 10:38	879.4301293	Other	NA	Electronic	6.04082	6.08582
USDTRY	24-08-18	11:32-13:30			6.08311	24-08-18 11:41	4397.150646	Other	NA	Electronic	6.03811	6.08311
USDTRY	24-08-18	13:32-15:30			6.0197	24-08-18 14:10	29021.19427	Other	NA	Electronic	6.0197	6.0647
USDTRY	24-08-18	15:32-17:30			6.01723	24-08-18 15:33	879.4301293	Other	NA	Electronic	6.01723	6.06223
USDTRY	27-08-18	09:32-11:30			6.15403	27-08-18 09:48	879.4301293	Other	NA	Electronic	6.15403	6.19903
USDTRY	27-08-18	11:32-13:30			6.24402	27-08-18 11:37	879.4301293	Other	NA	Electronic	6.19902	6.24402
USDTRY	27-08-18	13:32-15:30			6.16491	27-08-18 13:36	1758.860259	Other	NA	Electronic	6.11979	6.16479



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	27-08-18	15:32-17:30			6.17097	27-08-18 16:08	879.4301293	Other	NA	Electronic	6.12597	6.17097
USDTRY	28-08-18	09:32-11:30			6.23494	28-08-18 10:21	4397.150646	Other	NA	Electronic	6.19059	6.23559
USDTRY	28-08-18	11:32-13:30			6.26484	28-08-18 11:48	9673.731422	Other	NA	Electronic	6.21984	6.26484
USDTRY	28-08-18	13:32-15:30			6.19284	28-08-18 13:39	879.4301293	Other	NA	Electronic	6.19284	6.23784
USDTRY	28-08-18	15:32-17:30			6.22818	28-08-18 15:47	879.4301293	Other	NA	Electronic	6.22818	6.27318
USDTRY	29-08-18	09:32-11:30			6.37169	29-08-18 09:33	879.4301293	Other	NA	Electronic	6.37169	6.41669
USDTRY	29-08-18	11:30-11:32	6.43919	879.4301293								
USDTRY	29-08-18	13:32-15:30			6.4659	29-08-18 14:06	9673.731422	Other	NA	Electronic	6.4209	6.4659
USDTRY	29-08-18	15:32-17:30			6.4565	29-08-18 15:40	8794.301293	Other	NA	Electronic	6.4115	6.4565
USDTRY	30-08-18	09:30-09:32	6.662	52765.80776								
USDTRY	30-08-18	11:30-11:32	6.71942	48368.65711								
USDTRY	30-08-18	13:32-15:30			6.72923	30-08-18 13:36	1758.860259	Other	NA	Electronic	6.72923	6.77423
USDTRY	30-08-18	15:32-17:30			6.70109	30-08-18 15:42	879.4301293	Other	NA	Electronic	6.70109	6.74609
USDTRY	31-08-18	09:32-11:30			6.57906	31-08-18 09:34	879.4301293	Other	NA	Electronic	6.53406	6.57906
USDTRY	31-08-18	11:32-13:30			6.57035	31-08-18 11:36	879.4301293	Other	NA	Electronic	6.57035	6.61535

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	31-08-18	13:30-13:32	6.55656	879.4301293								
USDTRY	31-08-18	15:30-15:32	6.69833	2638.290388								
USDTRY	03-09-18	09:30-09:32	6.59768	879.4301293								
USDTRY	03-09-18	11:32-13:30			6.64099	03-09-18 11:37	879.4301293	Other	NA	Electronic	6.59599	6.64099
USDTRY	03-09-18	13:32-15:30			6.6062	03-09-18 13:35	879.4301293	Other	NA	Electronic	6.6062	6.6512
USDTRY	03-09-18	15:30-15:32	6.6794	879.4301293								
USDTRY	04-09-18	09:30-09:32	6.71474	879.4301293								
USDTRY	04-09-18	11:32-13:30			6.66153	04-09-18 11:44	879.4301293	Other	NA	Electronic	6.66153	6.70653
USDTRY	04-09-18	13:32-15:30			6.72753	04-09-18 13:39	879.4301293	Other	NA	Electronic	6.68245	6.72745
USDTRY	04-09-18	15:32-17:30			6.64999	04-09-18 15:37	1758.860259	Other	NA	Electronic	6.64999	6.69499
USDTRY	05-09-18	09:32-11:30			6.69158	05-09-18 11:29	879.4301293	Other	NA	Electronic	6.64658	6.69158
USDTRY	05-09-18	11:32-13:30			6.67836	05-09-18 12:31	879.4301293	Other	NA	Electronic	6.63336	6.67836
USDTRY	05-09-18	13:32-15:30			6.58737	05-09-18 14:53	879.4301293	Other	NA	Electronic	6.58737	6.63237
USDTRY	05-09-18	15:30-15:32	6.61485	879.4301293								
USDTRY	06-09-18	09:32-11:30			6.58578	06-09-18 09:34	26382.90388	Other	NA	Electronic	6.54078	6.58578

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	06-09-18	11:32-13:30			6.53421	06-09-18 11:34	879.4301293	Other	NA	Electronic	6.53421	6.57921
USDTRY	06-09-18	13:32-15:30			6.55949	06-09-18 13:32	879.4301293	Other	NA	Electronic	6.55949	6.60449
USDTRY	06-09-18	15:32-17:30			6.61483	06-09-18 16:10	879.4301293	Other	NA	Electronic	6.56983	6.61483
USDTRY	07-09-18	09:30-09:32	6.47986	879.4301293								
USDTRY	07-09-18	11:32-13:30			6.47853	07-09-18 11:37	1758.860259	Other	NA	Electronic	6.43353	6.47853
USDTRY	07-09-18	13:32-15:30			6.41112	07-09-18 13:36	879.4301293	Other	NA	Electronic	6.41112	6.45612
USDTRY	07-09-18	15:32-17:30			6.41816	07-09-18 15:53	879.4301293	Other	NA	Electronic	6.37316	6.41816
USDTRY	10-09-18	09:32-11:30			6.42006	10-09-18 09:37	9673.731422	Other	NA	Electronic	6.42006	6.46506
USDTRY	10-09-18	11:32-13:30			6.43329	10-09-18 12:39	879.4301293	Other	NA	Electronic	6.43341	6.47841
USDTRY	10-09-18	13:32-15:30			6.48189	10-09-18 13:47	1758.860259	Other	NA	Electronic	6.43689	6.48189
USDTRY	11-09-18	09:32-11:30			6.49911	11-09-18 09:40	9673.731422	Other	NA	Electronic	6.46957	6.49911
USDTRY	11-09-18	11:32-13:30			6.46053	11-09-18 12:58	879.4301293	Other	NA	Electronic	6.46053	6.48944
USDTRY	11-09-18	13:32-15:30			6.48692	11-09-18 13:49	879.4301293	Other	NA	Electronic	6.45798	6.48692
USDTRY	11-09-18	15:32-17:30			6.45841	11-09-18 16:27	879.4301293	Other	NA	Electronic	6.4268	6.45841
USDTRY	12-09-18	09:30-09:32	6.37983	4397.150646								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	12-09-18	11:32-13:30			6.36433	12-09-18 11:44	8794.301293	Other	NA	Electronic	6.36433	6.39194
USDTRY	12-09-18	13:32-15:30			6.36299	12-09-18 14:02	879.4301293	Other	NA	Electronic	6.3357	6.36299
USDTRY	12-09-18	15:32-17:30			6.37273	12-09-18 15:33	29021.19427	Other	NA	Electronic	6.34216	6.37273
USDTRY	13-09-18	09:30-09:32	6.53744	152141.4124								
USDTRY	13-09-18	11:32-13:30			6.14711	13-09-18 11:35	4397.150646	Other	NA	Electronic	6.14711	6.17529
USDTRY	13-09-18	13:32-15:30			6.18553	13-09-18 13:38	4397.150646	Other	NA	Electronic	6.15633	6.18553
USDTRY	13-09-18	15:32-17:30			6.16905	13-09-18 15:36	2638.290388	Other	NA	Electronic	6.13686	6.16905
USDTRY	14-09-18	09:32-11:30			6.1006	14-09-18 11:08	4397.150646	Other	NA	Electronic	6.1006	6.12829
USDTRY	14-09-18	11:32-13:30			6.10056	14-09-18 12:07	879.4301293	Other	NA	Electronic	6.10056	6.12803
USDTRY	14-09-18	13:32-15:30			6.11021	14-09-18 13:40	879.4301293	Other	NA	Electronic	6.11021	6.1401
USDTRY	14-09-18	15:30-15:32	6.14871	8794.301293								
USDTRY	17-09-18	09:32-11:30			6.24051	17-09-18 09:43	4397.150646	Other	NA	Electronic	6.24051	6.27038
USDTRY	17-09-18	11:32-13:30			6.2629	17-09-18 11:32	879.4301293	Other	NA	Electronic	6.23502	6.2629
USDTRY	17-09-18	13:32-15:30			6.28511	17-09-18 14:43	1758.860259	Other	NA	Electronic	6.28511	6.31254
USDTRY	17-09-18	15:32-17:30			6.2771	17-09-18 15:48	879.4301293	Other	NA	Electronic	6.2771	6.3041

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	18-09-18	09:32-11:30			6.38979	18-09-18 10:06	879.4301293	Other	NA	Electronic	6.3619	6.38979
USDTRY	18-09-18	11:32-13:30			6.4434	18-09-18 11:33	879.4301293	Other	NA	Electronic	6.41591	6.4434
USDTRY	18-09-18	13:32-15:30			6.3719	18-09-18 13:51	879.4301293	Other	NA	Electronic	6.3719	6.4017
USDTRY	18-09-18	15:32-17:30			6.36572	18-09-18 16:37	879.4301293	Other	NA	Electronic	6.33652	6.36572
USDTRY	19-09-18	09:32-11:30			6.29517	19-09-18 09:58	4397.150646	Other	NA	Electronic	6.29517	6.32249
USDTRY	19-09-18	11:32-13:30			6.26617	19-09-18 11:40	879.4301293	Other	NA	Electronic	6.26617	6.2928
USDTRY	19-09-18	13:32-15:30			6.25289	19-09-18 13:33	13191.45194	Other	NA	Electronic	6.22278	6.25289
USDTRY	20-09-18	09:32-11:30			6.21776	20-09-18 09:34	879.4301293	Other	NA	Electronic	6.18632	6.21776
USDTRY	20-09-18	11:32-13:30			6.30102	20-09-18 12:04	1758.860259	Other	NA	Electronic	6.30102	6.32935
USDTRY	20-09-18	13:32-15:30			6.22148	20-09-18 15:06	879.4301293	Other	NA	Electronic	6.22148	6.25098
USDTRY	20-09-18	15:32-17:30			6.23099	20-09-18 15:51	879.4301293	Other	NA	Electronic	6.1995	6.23099
USDTRY	21-09-18	09:32-11:30			6.312	21-09-18 10:20	879.4301293	Other	NA	Electronic	6.2841	6.312
USDTRY	21-09-18	11:32-13:30			6.25773	21-09-18 11:45	1758.860259	Other	NA	Electronic	6.25773	6.28589
USDTRY	21-09-18	15:32-17:30			6.27868	21-09-18 15:42	879.4301293	Other	NA	Electronic	6.27868	6.30869
USDTRY	24-09-18	09:32-11:30			6.22885	24-09-18 09:55	879.4301293	Other	NA	Electronic	6.19958	6.22885

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	24-09-18	11:32-13:30			6.22072	24-09-18 11:41	879.4301293	Other	NA	Electronic	6.22072	6.25036
USDTRY	24-09-18	13:32-15:30			6.17149	24-09-18 14:06	879.4301293	Other	NA	Electronic	6.14371	6.17149
USDTRY	24-09-18	15:32-17:30			6.06582	24-09-18 15:43	1758.860259	Other	NA	Electronic	6.03731	6.06582
USDTRY	25-09-18	09:32-11:30			6.16597	25-09-18 09:33	1758.860259	Other	NA	Electronic	6.13718	6.16597
USDTRY	25-09-18	11:32-13:30			6.13462	25-09-18 12:02	879.4301293	Other	NA	Electronic	6.13462	6.16166
USDTRY	25-09-18	13:32-15:30			6.17099	25-09-18 13:35	879.4301293	Other	NA	Electronic	6.17099	6.1977
USDTRY	25-09-18	15:32-17:30			6.18891	25-09-18 16:00	1758.860259	Other	NA	Electronic	6.1586	6.18891
USDTRY	26-09-18	09:32-11:30			6.11774	26-09-18 09:32	4397.150646	Other	NA	Electronic	6.11764	6.14615
USDTRY	26-09-18	11:32-13:30			6.13007	26-09-18 11:47	879.4301293	Other	NA	Electronic	6.111	6.13007
USDTRY	26-09-18	13:32-15:30			6.13097	26-09-18 13:46	8794.301293	Other	NA	Electronic	6.11021	6.13097
USDTRY	26-09-18	15:30-15:32	6.09919	1758.860259								
USDTRY	27-09-18	09:32-11:30			6.0919	27-09-18 10:24	879.4301293	Other	NA	Electronic	6.0732	6.0919
USDTRY	27-09-18	11:32-13:30			6.05117	27-09-18 11:38	879.4301293	Other	NA	Electronic	6.03116	6.05117
USDTRY	27-09-18	13:32-15:30			5.9987	27-09-18 13:35	879.4301293	Other	NA	Electronic	5.9987	6.02131
USDTRY	27-09-18	15:32-17:30			5.9994	27-09-18 16:04	879.4301293	Other	NA	Electronic	5.97389	5.9994

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY	28-09-18	09:32-11:30			6.03625	28-09-18 11:08	1758.860259	Other	NA	Electronic	6.01529	6.03625
USDTRY	28-09-18	11:32-13:30			6.01816	28-09-18 12:31	13191.45194	Other	NA	Electronic	5.99809	6.01816
USDTRY	28-09-18	13:32-15:30			6.0193	28-09-18 13:59	13191.45194	Other	NA	Electronic	6.0193	6.04165
USDTRY	28-09-18	15:32-17:30			6.01175	28-09-18 15:42	879.4301293	Other	NA	Electronic	6.01175	6.03497
USDTRY.	02-07-18	09:32-11:30			4.62956	02-07-18 10:04	4397.150646	Other	NA	Electronic	4.62818	4.62956
USDTRY.	02-07-18	11:32-13:30			4.62011	02-07-18 11:47	879.4301293	Other	NA	Electronic	4.61885	4.62011
USDTRY.	02-07-18	13:32-15:30			4.63066	02-07-18 15:16	2638.290388	Other	NA	Electronic	4.62893	4.63066
USDTRY.	02-07-18	15:32-17:30			4.62166	02-07-18 16:23	879.4301293	Other	NA	Electronic	4.61973	4.62166
USDTRY.	03-07-18	09:32-11:30			4.67056	03-07-18 09:32	8794.301293	Other	NA	Electronic	4.66898	4.67056
USDTRY.	03-07-18	11:32-13:30			4.66583	03-07-18 11:56	7035.441034	Other	NA	Electronic	4.66583	4.66751
USDTRY.	03-07-18	13:32-15:30			4.66313	03-07-18 13:37	879.4301293	Other	NA	Electronic	4.66313	4.66421
USDTRY.	04-07-18	11:32-13:30			4.68193	04-07-18 13:23	8794.301293	Other	NA	Electronic	4.68193	4.68366
USDTRY.	04-07-18	13:30-13:32	4.68461	879.4301293								
USDTRY.	04-07-18	15:32-17:30			4.66365	04-07-18 17:26	879.4301293	Other	NA	Electronic	4.66232	4.66365
USDTRY.	05-07-18	09:32-11:30			4.64546	05-07-18 09:39	2638.290388	Other	NA	Electronic	4.64378	4.64546

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	05-07-18	11:32-13:30			4.6253	05-07-18 11:34	879.4301293	Other	NA	Electronic	4.62433	4.6253
USDTRY.	05-07-18	13:32-15:30			4.61776	05-07-18 13:37	13191.45194	Other	NA	Electronic	4.61623	4.61776
USDTRY.	05-07-18	15:32-17:30			4.58476	05-07-18 17:02	879.4301293	Other	NA	Electronic	4.58263	4.58476
USDTRY.	06-07-18	09:32-11:30			4.60833	06-07-18 10:10	1758.860259	Other	NA	Electronic	4.60833	4.60991
USDTRY.	06-07-18	11:32-13:30			4.60116	06-07-18 12:30	1758.860259	Other	NA	Electronic	4.59624	4.60116
USDTRY.	06-07-18	13:32-15:30			4.57573	06-07-18 13:33	8794.301293	Other	NA	Electronic	4.57573	4.57776
USDTRY.	06-07-18	15:32-17:30			4.57441	06-07-18 16:00	17588.60259	Other	NA	Electronic	4.57283	4.57441
USDTRY.	09-07-18	09:32-11:30			4.51741	09-07-18 10:24	1758.860259	Other	NA	Electronic	4.51563	4.51741
USDTRY.	09-07-18	11:32-13:30			4.52341	09-07-18 11:39	4397.150646	Other	NA	Electronic	4.52213	4.52341
USDTRY.	09-07-18	13:32-15:30			4.55308	09-07-18 13:33	879.4301293	Other	NA	Electronic	4.55308	4.55493
USDTRY.	09-07-18	15:32-17:30			4.56844	09-07-18 16:04	4397.150646	Other	NA	Electronic	4.56844	4.57096
USDTRY.	10-07-18	09:32-11:30			4.71873	10-07-18 09:59	6156.010905	Other	NA	Electronic	4.71873	4.72061
USDTRY.	10-07-18	11:32-13:30			4.71816	10-07-18 11:51	6156.010905	Other	NA	Electronic	4.71626	4.71816
USDTRY.	10-07-18	15:32-17:30			4.70848	10-07-18 16:25	879.4301293	Other	NA	Electronic	4.70848	4.71206
USDTRY.	11-07-18	09:32-11:30			4.76546	11-07-18 10:11	879.4301293	Other	NA	Electronic	4.76433	4.76546



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	11-07-18	11:32-13:30			4.77786	11-07-18 11:53	4397.150646	Other	NA	Electronic	4.77547	4.77811
USDTRY.	11-07-18	13:32-15:30			4.7808	11-07-18 13:49	4397.150646	Other	NA	Electronic	4.77886	4.7808
USDTRY.	11-07-18	15:30-15:32	4.83931	60680.67892								
USDTRY.	12-07-18	09:32-11:30			4.79826	12-07-18 09:51	879.4301293	Other	NA	Electronic	4.79673	4.79826
USDTRY.	12-07-18	11:32-13:30			4.82351	12-07-18 11:45	43971.50646	Other	NA	Electronic	4.82089	4.82351
USDTRY.	12-07-18	13:30-13:32	4.87855	123999.6482								
USDTRY.	12-07-18	15:32-17:30			4.82386	12-07-18 16:07	43971.50646	Other	NA	Electronic	4.82386	4.8309
USDTRY.	13-07-18	09:32-11:30			4.85491	13-07-18 09:50	17588.60259	Other	NA	Electronic	4.85491	4.85776
USDTRY.	13-07-18	11:32-13:30			4.85253	13-07-18 11:46	879.4301293	Other	NA	Electronic	4.85253	4.85476
USDTRY.	13-07-18	13:32-15:30			4.83016	13-07-18 14:05	43971.50646	Other	NA	Electronic	4.82803	4.83016
USDTRY.	13-07-18	15:32-17:30			4.84753	13-07-18 16:39	8794.301293	Other	NA	Electronic	4.84753	4.85076
USDTRY.	16-07-18	09:32-11:30			4.85066	16-07-18 11:26	4397.150646	Other	NA	Electronic	4.84873	4.85066
USDTRY.	16-07-18	11:32-13:30			4.85506	16-07-18 11:51	3517.720517	Other	NA	Electronic	4.85401	4.85506
USDTRY.	17-07-18	09:32-11:30			4.83586	17-07-18 09:38	8794.301293	Other	NA	Electronic	4.83363	4.83586
USDTRY.	17-07-18	11:32-13:30			4.82408	17-07-18 13:26	879.4301293	Other	NA	Electronic	4.82408	4.82601

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	17-07-18	13:32-15:30			4.81171	17-07-18 13:49	8794.301293	Other	NA	Electronic	4.80945	4.81171
USDTRY.	17-07-18	15:32-17:30			4.79186	17-07-18 15:49	879.4301293	Other	NA	Electronic	4.78903	4.79186
USDTRY.	18-07-18	09:32-11:30			4.77553	18-07-18 09:58	879.4301293	Other	NA	Electronic	4.77553	4.77746
USDTRY.	18-07-18	11:30-11:32	4.82563	879.4301293								
USDTRY.	18-07-18	13:32-15:30			4.82743	18-07-18 13:34	4397.150646	Other	NA	Electronic	4.82743	4.83046
USDTRY.	18-07-18	15:32-17:30			4.79974	18-07-18 15:53	43971.50646	Other	NA	Electronic	4.79974	4.80636
USDTRY.	19-07-18	09:32-11:30			4.82728	19-07-18 10:35	1758.860259	Other	NA	Electronic	4.82728	4.82916
USDTRY.	19-07-18	11:32-13:30			4.82898	19-07-18 11:43	1758.860259	Other	NA	Electronic	4.82913	4.83026
USDTRY.	19-07-18	13:32-15:30			4.82926	19-07-18 13:40	1758.860259	Other	NA	Electronic	4.82763	4.82926
USDTRY.	20-07-18	11:32-13:30			4.78181	20-07-18 12:47	879.4301293	Other	NA	Electronic	4.78053	4.78191
USDTRY.	23-07-18	11:32-13:30			4.74601	23-07-18 12:53	879.4301293	Other	NA	Electronic	4.74468	4.74601
USDTRY.	23-07-18	13:32-15:30			4.75273	23-07-18 14:49	879.4301293	Other	NA	Electronic	4.75273	4.75421
USDTRY.	23-07-18	15:32-17:30			4.75456	23-07-18 16:07	8794.301293	Other	NA	Electronic	4.75217	4.75456
USDTRY.	24-07-18	09:32-11:30			4.77161	24-07-18 09:40	879.4301293	Other	NA	Electronic	4.77006	4.77156
USDTRY.	24-07-18	11:32-13:30			4.90803	24-07-18 11:32	879.4301293	Other	NA	Electronic	4.90803	4.91001

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	24-07-18	13:32-15:30			4.87352	24-07-18 13:48	6156.010905	Other	NA	Electronic	4.87128	4.87352
USDTRY.	24-07-18	15:30-15:32	4.87683	879.4301293								
USDTRY.	25-07-18	11:32-13:30			4.83784	25-07-18 11:55	8794.301293	Other	NA	Electronic	4.83784	4.84098
USDTRY.	25-07-18	13:32-15:30			4.83473	25-07-18 13:56	8794.301293	Other	NA	Electronic	4.83473	4.83659
USDTRY.	26-07-18	09:32-11:30			4.82216	26-07-18 10:15	879.4301293	Other	NA	Electronic	4.82068	4.82216
USDTRY.	26-07-18	11:32-13:30			4.80781	26-07-18 12:41	8794.301293	Other	NA	Electronic	4.80628	4.80781
USDTRY.	26-07-18	13:32-15:30			4.84828	26-07-18 14:51	8794.301293	Other	NA	Electronic	4.84828	4.85201
USDTRY.	26-07-18	15:32-17:30			4.85253	26-07-18 15:50	21985.75323	Other	NA	Electronic	4.85253	4.85548
USDTRY.	27-07-18	09:32-11:30			4.86426	27-07-18 09:38	4397.150646	Other	NA	Electronic	4.86243	4.86426
USDTRY.	27-07-18	11:30-11:32	4.87199	24624.04362								
USDTRY.	27-07-18	13:32-15:30			4.85648	27-07-18 14:05	879.4301293	Other	NA	Electronic	4.85648	4.85856
USDTRY.	30-07-18	09:30-09:32	4.88073	4397.150646								
USDTRY.	30-07-18	11:32-13:30			4.89118	30-07-18 11:42	26382.90388	Other	NA	Electronic	4.89118	4.89311
USDTRY.	30-07-18	13:32-15:30			4.88443	30-07-18 13:56	4397.150646	Other	NA	Electronic	4.88443	4.88616
USDTRY.	30-07-18	15:32-17:30			4.89203	30-07-18 16:27	879.4301293	Other	NA	Electronic	4.89203	4.89406

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	31-07-18	09:30-09:32	4.90046	21985.75323								
USDTRY.	31-07-18	11:30-11:32	4.88131	2638.290388								
USDTRY.	31-07-18	13:32-15:30			4.89713	31-07-18 13:45	61560.10905	Other	NA	Electronic	4.89713	4.89926
USDTRY.	31-07-18	15:32-17:30			4.91481	31-07-18 15:32	8794.301293	Other	NA	Electronic	4.91188	4.91481
USDTRY.	01-08-18	09:32-11:30			4.93165	01-08-18 09:45	879.4301293	Other	NA	Electronic	4.92985	4.93165
USDTRY.	01-08-18	11:32-13:30			4.91736	01-08-18 11:35	21985.75323	Other	NA	Electronic	4.91523	4.91736
USDTRY.	01-08-18	13:32-15:30			4.9209	01-08-18 15:02	21985.75323	Other	NA	Electronic	4.92095	4.92275
USDTRY.	01-08-18	15:32-17:30			4.95286	01-08-18 15:51	26382.90388	Other	NA	Electronic	4.94685	4.95286
USDTRY.	02-08-18	09:32-11:30			5.06668	02-08-18 10:51	1758.860259	Other	NA	Electronic	5.06668	5.06971
USDTRY.	02-08-18	11:32-13:30			5.05556	02-08-18 12:16	4397.150646	Other	NA	Electronic	5.05376	5.05556
USDTRY.	02-08-18	13:32-15:30			5.05463	02-08-18 14:22	21985.75323	Other	NA	Electronic	5.05463	5.05651
USDTRY.	02-08-18	15:32-17:30			5.06253	02-08-18 15:56	879.4301293	Other	NA	Electronic	5.06248	5.06516
USDTRY.	03-08-18	09:32-11:30			5.08486	03-08-18 10:53	879.4301293	Other	NA	Electronic	5.0827	5.08486
USDTRY.	06-08-18	09:32-11:30			5.16923	06-08-18 09:37	879.4301293	Other	NA	Electronic	5.16923	5.17185
USDTRY.	06-08-18	11:32-13:30			5.17227	06-08-18 13:03	879.4301293	Other	NA	Electronic	5.17227	5.17407

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	06-08-18	13:32-15:30			5.18453	06-08-18 13:37	879.4301293	Other	NA	Electronic	5.18433	5.18656
USDTRY.	06-08-18	15:32-17:30			5.21706	06-08-18 15:49	879.4301293	Other	NA	Electronic	5.21418	5.21746
USDTRY.	07-08-18	09:32-11:30			5.26786	07-08-18 09:34	3517.720517	Other	NA	Electronic	5.26503	5.26786
USDTRY.	07-08-18	11:32-13:30			5.27576	07-08-18 13:20	26382.90388	Other	NA	Electronic	5.27348	5.27576
USDTRY.	07-08-18	13:32-15:30			5.29826	07-08-18 13:53	879.4301293	Other	NA	Electronic	5.29476	5.29826
USDTRY.	07-08-18	15:32-17:30			5.26032	07-08-18 15:46	879.4301293	Other	NA	Electronic	5.26032	5.26439
USDTRY.	08-08-18	09:32-11:30			5.29388	08-08-18 09:38	879.4301293	Other	NA	Electronic	5.29388	5.29663
USDTRY.	08-08-18	11:32-13:30			5.29701	08-08-18 11:34	879.4301293	Other	NA	Electronic	5.29521	5.29701
USDTRY.	09-08-18	09:32-11:30			5.3924	09-08-18 11:16	879.4301293	Other	NA	Electronic	5.3924	5.39486
USDTRY.	09-08-18	11:32-13:30			5.39693	09-08-18 12:10	879.4301293	Other	NA	Electronic	5.39242	5.39693
USDTRY.	09-08-18	13:32-15:30			5.46101	09-08-18 13:34	879.4301293	Other	NA	Electronic	5.45855	5.46101
USDTRY.	09-08-18	15:32-17:30			5.49485	09-08-18 15:59	2638.290388	Other	NA	Electronic	5.4905	5.49485
USDTRY.	10-08-18	09:32-11:30			5.94331	10-08-18 09:40	2638.290388	Other	NA	Electronic	5.93543	5.94331
USDTRY.	10-08-18	11:30-11:32	5.93796	879.4301293								
USDTRY.	10-08-18	13:30-13:32	6.75012	12312.02181								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	10-08-18	15:32-17:30			6.44923	10-08-18 15:47	879.4301293	Other	NA	Electronic	6.44923	6.45481
USDTRY.	16-08-18	13:32-15:30			5.73665	16-08-18 14:12	879.4301293	Other	NA	Electronic	5.69165	5.73665
USDTRY.	20-08-18	15:32-17:30			6.13082	20-08-18 15:39	4397.150646	Other	NA	Electronic	6.12633	6.17133
USDTRY.	21-08-18	11:32-13:30			6.12924	21-08-18 12:01	4397.150646	Other	NA	Electronic	6.08424	6.12924
USDTRY.	21-08-18	13:32-15:30			6.08437	21-08-18 14:20	17588.60259	Other	NA	Electronic	6.03937	6.08437
USDTRY.	22-08-18	09:32-11:30			6.09277	22-08-18 10:35	1758.860259	Other	NA	Electronic	6.04777	6.09277
USDTRY.	22-08-18	11:32-13:30			6.07136	22-08-18 12:31	4397.150646	Other	NA	Electronic	6.02636	6.07136
USDTRY.	24-08-18	09:32-11:30			6.0786	24-08-18 10:02	1758.860259	Other	NA	Electronic	6.0786	6.1236
USDTRY.	24-08-18	11:32-13:30			6.09643	24-08-18 12:20	1758.860259	Other	NA	Electronic	6.05143	6.09643
USDTRY.	24-08-18	15:32-17:30			6.05453	24-08-18 16:53	879.4301293	Other	NA	Electronic	6.00953	6.05453
USDTRY.	27-08-18	09:32-11:30			6.22625	27-08-18 10:01	13191.45194	Other	NA	Electronic	6.18125	6.22625
USDTRY.	27-08-18	11:32-13:30			6.2253	27-08-18 11:45	6156.010905	Other	NA	Electronic	6.1803	6.2253
USDTRY.	27-08-18	13:32-15:30			6.2218	27-08-18 13:44	1758.860259	Other	NA	Electronic	6.1768	6.2218
USDTRY.	28-08-18	11:32-13:30			6.21747	28-08-18 12:27	6156.010905	Other	NA	Electronic	6.21441	6.25941
USDTRY.	28-08-18	13:32-15:30			6.21851	28-08-18 15:08	879.4301293	Other	NA	Electronic	6.21851	6.26351

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	28-08-18	15:32-17:30			6.31094	28-08-18 16:12	879.4301293	Other	NA	Electronic	6.26594	6.31094
USDTRY.	29-08-18	09:32-11:30			6.43475	29-08-18 10:45	879.4301293	Other	NA	Electronic	6.38975	6.43475
USDTRY.	29-08-18	11:32-13:30			6.43043	29-08-18 12:16	87943.01293	Other	NA	Electronic	6.43043	6.47543
USDTRY.	29-08-18	15:32-17:30			6.40649	29-08-18 16:42	879.4301293	Other	NA	Electronic	6.40649	6.45149
USDTRY.	30-08-18	09:32-11:30			6.66771	30-08-18 10:31	5276.580776	Other	NA	Electronic	6.62286	6.66786
USDTRY.	30-08-18	11:32-13:30			6.75586	30-08-18 11:38	879.4301293	Other	NA	Electronic	6.71086	6.75586
USDTRY.	30-08-18	13:32-15:30			6.79451	30-08-18 14:48	879.4301293	Other	NA	Electronic	6.74951	6.79451
USDTRY.	30-08-18	15:32-17:30			6.57942	30-08-18 17:05	879.4301293	Other	NA	Electronic	6.57942	6.62442
USDTRY.	31-08-18	09:32-11:30			6.59189	31-08-18 09:45	879.4301293	Other	NA	Electronic	6.54689	6.59189
USDTRY.	05-09-18	13:32-15:30			6.56968	05-09-18 14:54	879.4301293	Other	NA	Electronic	6.56968	6.61468
USDTRY.	05-09-18	15:32-17:30			6.62295	05-09-18 16:04	879.4301293	Other	NA	Electronic	6.57795	6.62295
USDTRY.	06-09-18	13:32-15:30			6.55969	06-09-18 14:33	879.4301293	Other	NA	Electronic	6.55969	6.60469
USDTRY.	07-09-18	11:32-13:30			6.45659	07-09-18 12:00	879.4301293	Other	NA	Electronic	6.41159	6.45659
USDTRY.	07-09-18	13:32-15:30			6.45105	07-09-18 14:52	1758.860259	Other	NA	Electronic	6.40605	6.45105
USDTRY.	10-09-18	11:32-13:30			6.437	10-09-18 11:35	4397.150646	Other	NA	Electronic	6.437	6.482

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRY.	13-09-18	09:32-11:30			6.23513	13-09-18 11:00	879.4301293	Other	NA	Electronic	6.2334	6.28128
USDTRY.	13-09-18	11:32-13:30			6.22612	13-09-18 12:03	43971.50646	Other	NA	Electronic	6.19704	6.22612
USDTRY.	13-09-18	15:32-17:30			6.0967	13-09-18 16:12	879.4301293	Other	NA	Electronic	6.0967	6.1255
USDTRY.	14-09-18	09:32-11:30			6.09572	14-09-18 09:43	879.4301293	Other	NA	Electronic	6.06373	6.09572
USDTRY.	14-09-18	11:32-13:30			6.11676	14-09-18 12:33	879.4301293	Other	NA	Electronic	6.08284	6.11676
USDTRY.	18-09-18	09:32-11:30			6.40019	18-09-18 10:17	1758.860259	Other	NA	Electronic	6.37173	6.40019
USDTRY.	18-09-18	13:32-15:30			6.3309	18-09-18 14:20	8794.301293	Other	NA	Electronic	6.3309	6.36351
USDTRY.	20-09-18	11:32-13:30			6.30152	20-09-18 12:04	879.4301293	Other	NA	Electronic	6.30152	6.32942
USDTRY.	24-09-18	09:32-11:30			6.2451	24-09-18 09:39	879.4301293	Other	NA	Electronic	6.21716	6.2451
USDTRY.	24-09-18	13:32-15:30			6.1727	24-09-18 13:44	8794.301293	Other	NA	Electronic	6.1455	6.1727
USDTRY.	24-09-18	15:32-17:30			6.05003	24-09-18 16:18	13191.45194	Other	NA	Electronic	6.04882	6.0784
USDTRY.	25-09-18	09:32-11:30			6.12769	25-09-18 10:35	879.4301293	Other	NA	Electronic	6.09738	6.12769
USDTRY.	26-09-18	11:32-13:30			6.134	26-09-18 12:21	1758.860259	Other	NA	Electronic	6.11296	6.134
USDTRY.	28-09-18	15:32-17:30			6.0646	28-09-18 16:59	879.4301293	Other	NA	Electronic	6.0646	6.0872
USDTRYmicro	02-07-18	09:30-09:32	4.61751	7914.871163								



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	02-07-18	11:32-13:30			4.61952	02-07-18 11:35	1758.860259	Other	NA	Electronic	4.61952	4.62119
USDTRYmicro	02-07-18	13:30-13:32	4.62176	114.3259168								
USDTRYmicro	02-07-18	15:32-17:30			4.62386	02-07-18 15:47	87.94301293	Other	NA	Electronic	4.62386	4.62654
USDTRYmicro	03-07-18	09:30-09:32	4.66638	879.4301293								
USDTRYmicro	03-07-18	11:30-11:32	4.66409	87.94301293								
USDTRYmicro	03-07-18	13:30-13:32	4.66281	879.4301293								
USDTRYmicro	03-07-18	15:32-17:30			4.67759	03-07-18 15:35	17.58860259	Other	NA	Electronic	4.67411	4.67759
USDTRYmicro	04-07-18	09:30-09:32	4.70171	14070.88207								
USDTRYmicro	04-07-18	11:32-13:30			4.70221	04-07-18 11:50	263.8290388	Other	NA	Electronic	4.70221	4.70474
USDTRYmicro	04-07-18	13:32-15:30			4.68264	04-07-18 13:36	2022.689297	Other	NA	Electronic	4.68031	4.68264
USDTRYmicro	04-07-18	15:32-17:30			4.66791	04-07-18 15:32	17676.5456	Other	NA	Electronic	4.66791	4.67187
USDTRYmicro	05-07-18	09:32-11:30			4.64579	05-07-18 09:38	2910.913728	Other	NA	Electronic	4.64331	4.64579
USDTRYmicro	05-07-18	11:32-13:30			4.62704	05-07-18 11:39	439.7150646	Other	NA	Electronic	4.62476	4.62724
USDTRYmicro	05-07-18	13:30-13:32	4.61612	87.94301293								
USDTRYmicro	05-07-18	15:32-17:30			4.60014	05-07-18 15:46	175.8860259	Other	NA	Electronic	4.59651	4.60014

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	06-07-18	09:32-11:30			4.60605	06-07-18 10:38	448.5093659	Other	NA	Electronic	4.60605	4.60822
USDTRYmicro	06-07-18	11:32-13:30			4.61021	06-07-18 11:42	175.8860259	Other	NA	Electronic	4.61021	4.61264
USDTRYmicro	06-07-18	13:30-13:32	4.57894	439.7150646								
USDTRYmicro	06-07-18	15:30-15:32	4.57427	1319.145194								
USDTRYmicro	09-07-18	09:30-09:32	4.5261	9321.95937								
USDTRYmicro	09-07-18	11:32-13:30			4.51566	09-07-18 11:45	879.4301293	Other	NA	Electronic	4.51566	4.51819
USDTRYmicro	09-07-18	13:30-13:32	4.55807	2638.290388								
USDTRYmicro	09-07-18	15:32-17:30			4.57116	09-07-18 15:45	4405.944948	Other	NA	Electronic	4.57116	4.57519
USDTRYmicro	10-07-18	09:30-09:32	4.70309	7914.871163								
USDTRYmicro	10-07-18	11:30-11:32	4.72951	3350.628793								
USDTRYmicro	10-07-18	13:32-15:30			4.69194	10-07-18 13:33	1600.562835	Other	NA	Electronic	4.68951	4.69194
USDTRYmicro	10-07-18	15:32-17:30			4.69185	10-07-18 15:39	2638.290388	Other	NA	Electronic	4.69201	4.69594
USDTRYmicro	11-07-18	09:32-11:30			4.75076	11-07-18 09:33	175.8860259	Other	NA	Electronic	4.75102	4.75369
USDTRYmicro	11-07-18	11:30-11:32	4.76072	175.8860259								
USDTRYmicro	11-07-18	13:30-13:32	4.75917	7123.384047								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	11-07-18	15:30-15:32	4.83502	22249.58227								
USDTRYmicro	12-07-18	09:30-09:32	4.79898	5276.580776								
USDTRYmicro	12-07-18	11:30-11:32	4.81826	26.38290388								
USDTRYmicro	12-07-18	13:30-13:32	4.87699	4133.321608								
USDTRYmicro	12-07-18	15:30-15:32	4.8372	16691.58385								
USDTRYmicro	13-07-18	09:32-11:30			4.85884	13-07-18 09:35	263.8290388	Other	NA	Electronic	4.85611	4.85884
USDTRYmicro	13-07-18	11:32-13:30			4.85311	13-07-18 11:37	3605.66353	Other	NA	Electronic	4.85311	4.85634
USDTRYmicro	13-07-18	13:32-15:30			4.84601	13-07-18 13:36	879.4301293	Other	NA	Electronic	4.84601	4.84856
USDTRYmicro	13-07-18	15:32-17:30			4.82514	13-07-18 15:32	175.8860259	Other	NA	Electronic	4.82251	4.82514
USDTRYmicro	16-07-18	09:30-09:32	4.83586	43.97150646								
USDTRYmicro	16-07-18	11:32-13:30			4.84904	16-07-18 11:41	175.8860259	Other	NA	Electronic	4.84631	4.84904
USDTRYmicro	16-07-18	13:30-13:32	4.83549	44147.39249								
USDTRYmicro	16-07-18	15:32-17:30			4.83854	16-07-18 15:32	4397.150646	Other	NA	Electronic	4.83501	4.83829
USDTRYmicro	17-07-18	09:32-11:30			4.83546	17-07-18 09:32	131.9145194	Other	NA	Electronic	4.83546	4.83807
USDTRYmicro	17-07-18	11:32-13:30			4.84248	17-07-18 11:53	87.94301293	Other	NA	Electronic	4.84248	4.84524

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	17-07-18	13:30-13:32	4.82787	9146.073344								
USDTRYmicro	17-07-18	15:30-15:32	4.78514	879.4301293								
USDTRYmicro	18-07-18	09:32-11:30			4.78324	18-07-18 09:32	87.94301293	Other	NA	Electronic	4.78101	4.78324
USDTRYmicro	18-07-18	11:30-11:32	4.82588	44314.48421								
USDTRYmicro	18-07-18	13:32-15:30			4.82941	18-07-18 13:33	87.94301293	Other	NA	Electronic	4.82941	4.83229
USDTRYmicro	18-07-18	15:30-15:32	4.80859	3297.862985								
USDTRYmicro	19-07-18	09:30-09:32	4.82826	967.3731422								
USDTRYmicro	19-07-18	11:30-11:32	4.82999	615.6010905								
USDTRYmicro	19-07-18	13:30-13:32	4.82476	7651.042125								
USDTRYmicro	19-07-18	15:32-17:30			4.8279	19-07-18 15:33	439.7150646	Other	NA	Electronic	4.82521	4.8279
USDTRYmicro	20-07-18	09:30-09:32	4.80161	15741.79931								
USDTRYmicro	20-07-18	11:30-11:32	4.79851	8.794301293								
USDTRYmicro	20-07-18	13:30-13:32	4.77439	4397.150646								
USDTRYmicro	20-07-18	15:32-17:30			4.79146	20-07-18 15:33	879.4301293	Other	NA	Electronic	4.79146	4.79454
USDTRYmicro	23-07-18	09:30-09:32	4.76151	175.8860259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	23-07-18	11:32-13:30			4.74977	23-07-18 11:34	3526.514818	Other	NA	Electronic	4.74992	4.75204
USDTRYmicro	23-07-18	13:30-13:32	4.73838	18652.71304								
USDTRYmicro	23-07-18	15:32-17:30			4.74771	23-07-18 15:41	439.7150646	Other	NA	Electronic	4.74771	4.74994
USDTRYmicro	24-07-18	09:30-09:32	4.77071	8.794301293								
USDTRYmicro	24-07-18	11:30-11:32	4.91142	4485.093659								
USDTRYmicro	24-07-18	13:30-13:32	4.89292	8372.174831								
USDTRYmicro	24-07-18	15:30-15:32	4.87942	20226.89297								
USDTRYmicro	25-07-18	09:30-09:32	4.85151	8794.301293								
USDTRYmicro	25-07-18	11:30-11:32	4.86775	2990.06244								
USDTRYmicro	25-07-18	13:30-13:32	4.83039	175.8860259								
USDTRYmicro	25-07-18	15:30-15:32	4.83029	527.6580776								
USDTRYmicro	26-07-18	09:32-11:30			4.82609	26-07-18 09:34	87.94301293	Other	NA	Electronic	4.82426	4.82609
USDTRYmicro	26-07-18	11:32-13:30			4.81661	26-07-18 11:44	1064.110456	Other	NA	Electronic	4.81661	4.82084
USDTRYmicro	26-07-18	13:32-15:30			4.80331	26-07-18 13:33	263.8290388	Other	NA	Electronic	4.80331	4.80559
USDTRYmicro	26-07-18	15:32-17:30			4.85501	26-07-18 15:32	175.8860259	Other	NA	Electronic	4.85501	4.86008

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	27-07-18	09:32-11:30			4.86264	27-07-18 09:37	1028.933251	Other	NA	Electronic	4.86014	4.86258
USDTRYmicro	27-07-18	11:30-11:32	4.87184	228.6518336								
USDTRYmicro	27-07-18	13:30-13:32	4.85597	17148.88752								
USDTRYmicro	27-07-18	15:30-15:32	4.85269	8.794301293								
USDTRYmicro	30-07-18	09:30-09:32	4.88319	439.7150646								
USDTRYmicro	30-07-18	11:30-11:32	4.8913	263.8290388								
USDTRYmicro	30-07-18	13:30-13:32	4.87611	3183.537068								
USDTRYmicro	30-07-18	15:32-17:30			4.88361	30-07-18 15:32	87.94301293	Other	NA	Electronic	4.88361	4.88599
USDTRYmicro	31-07-18	09:32-11:30			4.90089	31-07-18 09:32	175.8860259	Other	NA	Electronic	4.89866	4.90089
USDTRYmicro	31-07-18	11:30-11:32	4.88052	4546.653768								
USDTRYmicro	31-07-18	13:30-13:32	4.90053	2198.575323								
USDTRYmicro	31-07-18	15:32-17:30			4.91141	31-07-18 15:32	175.8860259	Other	NA	Electronic	4.91141	4.91494
USDTRYmicro	01-08-18	09:32-11:30			4.93096	01-08-18 09:37	4397.150646	Other	NA	Electronic	4.93096	4.93324
USDTRYmicro	01-08-18	11:30-11:32	4.92028	6331.896931								
USDTRYmicro	01-08-18	13:30-13:32	4.91841	2330.489843								

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USDTRYmicro	01-08-18	15:32-17:30			4.92314	01-08-18 15:35	17.58860259	Other	NA	Electronic	4.91986	4.92314
USDTRYmicro	02-08-18	09:30-09:32	5.08652	8.794301293								
USDTRYmicro	02-08-18	11:30-11:32	5.05949	1231.202181								
USDTRYmicro	02-08-18	13:30-13:32	5.04951	87.94301293								
USDTRYmicro	02-08-18	15:30-15:32	5.06734	87.94301293								
USDTRYmicro	03-08-18	09:32-11:30			5.08536	03-08-18 09:46	175.8860259	Other	NA	Electronic	5.08536	5.08854
USDTRYmicro	03-08-18	11:30-11:32	5.073	791.4871163								
USDTRYmicro	03-08-18	13:30-13:32	5.07331	1512.619822								
USDTRYmicro	03-08-18	15:30-15:32	5.07316	8.794301293								
USDTRYmicro	06-08-18	09:32-11:30			5.16552	06-08-18 09:33	791.4871163	Other	NA	Electronic	5.16546	5.16939
USDTRYmicro	06-08-18	11:32-13:30			5.16889	06-08-18 11:32	43.97150646	Other	NA	Electronic	5.16551	5.16844
USDTRYmicro	06-08-18	13:30-13:32	5.17479	1046.521854								
USDTRYmicro	06-08-18	15:32-17:30			5.20554	06-08-18 15:32	17597.39689	Other	NA	Electronic	5.20081	5.20519
USDTRYmicro	07-08-18	09:32-11:30			5.2679	07-08-18 09:34	87.94301293	Other	NA	Electronic	5.26446	5.26789
USDTRYmicro	07-08-18	11:30-11:32	5.32711	2198.575323								

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USDTRYmicro	07-08-18	13:32-15:30			5.2837	07-08-18 13:32	17.58860259	Other	NA	Electronic	5.28374	5.28704
USDTRYmicro	07-08-18	15:32-17:30			5.25721	07-08-18 15:36	4405.944948	Other	NA	Electronic	5.25721	5.26033
USDTRYmicro	08-08-18	09:32-11:30			5.29636	08-08-18 09:32	263.8290388	Other	NA	Electronic	5.29365	5.29636
USDTRYmicro	08-08-18	11:32-13:30			5.29939	08-08-18 11:36	905.8130332	Other	NA	Electronic	5.29606	5.29939
USDTRYmicro	08-08-18	13:32-15:30			5.28229	08-08-18 13:34	175.8860259	Other	NA	Electronic	5.27971	5.28229
USDTRYmicro	08-08-18	15:32-17:30			5.29384	08-08-18 15:38	1785.243162	Other	NA	Electronic	5.28953	5.29384
USDTRYmicro	09-08-18	09:30-09:32	5.41328	131.9145194								
USDTRYmicro	09-08-18	11:30-11:32	5.40736	26409.28678								
USDTRYmicro	09-08-18	13:30-13:32	5.44588	47603.5529								
USDTRYmicro	09-08-18	15:32-17:30			5.46653	09-08-18 15:32	8794.301293	Other	NA	Electronic	5.46406	5.46653
USDTRYmicro	10-08-18	09:30-09:32	5.91218	879.4301293								
USDTRYmicro	10-08-18	11:32-13:30			5.92891	10-08-18 11:32	26391.69818	Other	NA	Electronic	5.92891	5.94691
USDTRYmicro	10-08-18	13:30-13:32	6.7364	213683.9328								
USDTRYmicro	10-08-18	15:30-15:32	6.38255	562.8352827								
USDTRYmicro	13-08-18	09:30-09:32	6.8923	448.5093659								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	13-08-18	13:32-15:30			6.84316	13-08-18 13:56	439.7150646	Other	NA	Electronic	6.84316	6.88816
USDTRYmicro	13-08-18	15:32-17:30			6.99121	13-08-18 16:40	2647.084689	Other	NA	Electronic	6.99121	7.03621
USDTRYmicro	14-08-18	11:32-13:30			6.56717	14-08-18 12:37	35.17720517	Other	NA	Electronic	6.52217	6.56717
USDTRYmicro	14-08-18	13:32-15:30			6.51011	14-08-18 13:56	747.5156099	Other	NA	Electronic	6.51011	6.55511
USDTRYmicro	14-08-18	15:32-17:30			6.44043	14-08-18 16:07	879.4301293	Other	NA	Electronic	6.44043	6.48543
USDTRYmicro	15-08-18	09:32-11:30			6.14255	15-08-18 09:53	96.73731422	Other	NA	Electronic	6.09755	6.14255
USDTRYmicro	15-08-18	11:32-13:30			6.09772	15-08-18 12:22	8.794301293	Other	NA	Electronic	6.05272	6.09772
USDTRYmicro	15-08-18	13:30-13:32	6.10952	351.7720517								
USDTRYmicro	15-08-18	15:32-17:30			6.05357	15-08-18 15:36	87.94301293	Other	NA	Electronic	6.00857	6.05357
USDTRYmicro	16-08-18	09:32-11:30			5.80522	16-08-18 10:52	8.794301293	Other	NA	Electronic	5.76022	5.80522
USDTRYmicro	16-08-18	13:32-15:30			5.77578	16-08-18 13:50	87.94301293	Other	NA	Electronic	5.7306	5.7756
USDTRYmicro	16-08-18	15:32-17:30			5.78458	16-08-18 15:58	96.73731422	Other	NA	Electronic	5.73958	5.78458
USDTRYmicro	20-08-18	09:30-09:32	6.09849	87.94301293								
USDTRYmicro	20-08-18	11:30-11:32	6.12614	8.794301293								
USDTRYmicro	20-08-18	13:30-13:32	6.18335	87.94301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	20-08-18	15:32-17:30			6.16328	20-08-18 15:47	87.94301293	Other	NA	Electronic	6.11828	6.16328
USDTRYmicro	21-08-18	09:32-11:30			6.10164	21-08-18 09:36	1767.65456	Other	NA	Electronic	6.10164	6.14664
USDTRYmicro	21-08-18	11:32-13:30			6.08742	21-08-18 11:36	175.8860259	Other	NA	Electronic	6.08742	6.13242
USDTRYmicro	21-08-18	13:30-13:32	6.07123	184.6803271								
USDTRYmicro	21-08-18	15:32-17:30			6.04091	21-08-18 15:33	8.794301293	Other	NA	Electronic	6.04091	6.08591
USDTRYmicro	22-08-18	09:32-11:30			6.04999	22-08-18 09:56	879.4301293	Other	NA	Electronic	6.04999	6.09499
USDTRYmicro	22-08-18	11:30-11:32	6.0698	395.7435582								
USDTRYmicro	22-08-18	13:32-15:30			6.02591	22-08-18 13:47	263.8290388	Other	NA	Electronic	6.02477	6.06977
USDTRYmicro	22-08-18	15:32-17:30			6.01891	22-08-18 15:40	87.94301293	Other	NA	Electronic	6.01891	6.06391
USDTRYmicro	23-08-18	09:32-11:30			6.08946	23-08-18 09:47	2638.290388	Other	NA	Electronic	6.04446	6.08946
USDTRYmicro	23-08-18	11:32-13:30			6.04245	23-08-18 12:01	307.8005452	Other	NA	Electronic	6.04245	6.08745
USDTRYmicro	23-08-18	13:30-13:32	6.10375	967.3731422								
USDTRYmicro	23-08-18	15:32-17:30			6.09101	23-08-18 16:02	219.8575323	Other	NA	Electronic	6.09101	6.13601
USDTRYmicro	24-08-18	09:30-09:32	6.12912	4397.150646								
USDTRYmicro	24-08-18	11:32-13:30			6.03224	24-08-18 13:00	879.4301293	Other	NA	Electronic	6.03224	6.07724

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	24-08-18	13:32-15:30			6.03479	24-08-18 14:04	1758.860259	Other	NA	Electronic	6.03479	6.07979
USDTRYmicro	24-08-18	15:32-17:30			6.05861	24-08-18 15:42	879.4301293	Other	NA	Electronic	6.01361	6.05861
USDTRYmicro	27-08-18	09:32-11:30			6.13449	27-08-18 09:41	8.794301293	Other	NA	Electronic	6.13449	6.17949
USDTRYmicro	27-08-18	11:30-11:32	6.23919	703.5441034								
USDTRYmicro	27-08-18	13:30-13:32	6.16391	2638.290388								
USDTRYmicro	27-08-18	15:32-17:30			6.15709	27-08-18 15:32	17597.39689	Other	NA	Electronic	6.11168	6.15668
USDTRYmicro	28-08-18	09:32-11:30			6.1842	28-08-18 09:45	175.8860259	Other	NA	Electronic	6.1842	6.2292
USDTRYmicro	28-08-18	11:32-13:30			6.2575	28-08-18 11:52	439.7150646	Other	NA	Electronic	6.2125	6.2575
USDTRYmicro	28-08-18	13:30-13:32	6.17426	17.58860259								
USDTRYmicro	28-08-18	15:30-15:32	6.2764	888.2244306								
USDTRYmicro	29-08-18	09:32-11:30			6.37083	29-08-18 10:04	879.4301293	Other	NA	Electronic	6.37084	6.41584
USDTRYmicro	29-08-18	11:32-13:30			6.48365	29-08-18 11:33	1143.259168	Other	NA	Electronic	6.43865	6.48365
USDTRYmicro	29-08-18	13:32-15:30			6.46906	29-08-18 13:34	175.8860259	Other	NA	Electronic	6.42406	6.46906
USDTRYmicro	29-08-18	15:32-17:30			6.45585	29-08-18 15:40	114.3259168	Other	NA	Electronic	6.41085	6.45585
USDTRYmicro	30-08-18	09:32-11:30			6.60944	30-08-18 09:35	4397.150646	Other	NA	Electronic	6.60944	6.65444

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	30-08-18	11:30-11:32	6.696	6331.896931								
USDTRYmicro	30-08-18	13:30-13:32	6.71487	1758.860259								
USDTRYmicro	30-08-18	15:32-17:30			6.71219	30-08-18 15:32	87.94301293	Other	NA	Electronic	6.71219	6.75719
USDTRYmicro	31-08-18	09:32-11:30			6.6082	31-08-18 10:23	87.94301293	Other	NA	Electronic	6.5632	6.6082
USDTRYmicro	31-08-18	11:32-13:30			6.55864	31-08-18 11:40	703.5441034	Other	NA	Electronic	6.55864	6.60364
USDTRYmicro	31-08-18	13:32-15:30			6.55204	31-08-18 13:32	272.6233401	Other	NA	Electronic	6.55204	6.59704
USDTRYmicro	31-08-18	15:30-15:32	6.71076	1002.550347								
USDTRYmicro	03-09-18	09:32-11:30			6.64779	03-09-18 09:59	26.38290388	Other	NA	Electronic	6.60279	6.64779
USDTRYmicro	03-09-18	11:32-13:30			6.59052	03-09-18 11:54	35.17720517	Other	NA	Electronic	6.59052	6.63552
USDTRYmicro	03-09-18	13:32-15:30			6.6629	03-09-18 13:51	52.76580776	Other	NA	Electronic	6.6179	6.6629
USDTRYmicro	03-09-18	15:30-15:32	6.64499	131.9145194								
USDTRYmicro	04-09-18	09:30-09:32	6.66878	905.8130332								
USDTRYmicro	04-09-18	11:32-13:30			6.71088	04-09-18 11:47	8.794301293	Other	NA	Electronic	6.66596	6.71096
USDTRYmicro	04-09-18	13:32-15:30			6.67142	04-09-18 13:53	87.94301293	Other	NA	Electronic	6.67142	6.71642
USDTRYmicro	04-09-18	15:32-17:30			6.66221	04-09-18 15:34	184.6803271	Other	NA	Electronic	6.66221	6.70721

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	05-09-18	09:32-11:30			6.70987	05-09-18 09:52	175.8860259	Other	NA	Electronic	6.66485	6.70985
USDTRYmicro	05-09-18	11:32-13:30			6.63069	05-09-18 12:25	879.4301293	Other	NA	Electronic	6.63069	6.67569
USDTRYmicro	05-09-18	13:32-15:30			6.66036	05-09-18 13:33	131.9145194	Other	NA	Electronic	6.61536	6.66036
USDTRYmicro	05-09-18	15:32-17:30			6.62838	05-09-18 15:34	237.4461349	Other	NA	Electronic	6.58338	6.62838
USDTRYmicro	06-09-18	09:30-09:32	6.53845	131.9145194								
USDTRYmicro	06-09-18	11:32-13:30			6.54915	06-09-18 11:45	17.58860259	Other	NA	Electronic	6.54915	6.59415
USDTRYmicro	06-09-18	13:32-15:30			6.5593	06-09-18 14:32	8.794301293	Other	NA	Electronic	6.5593	6.6043
USDTRYmicro	06-09-18	15:32-17:30			6.62295	06-09-18 15:33	114.3259168	Other	NA	Electronic	6.57795	6.62295
USDTRYmicro	07-09-18	09:32-11:30			6.47907	07-09-18 09:37	439.7150646	Other	NA	Electronic	6.43407	6.47907
USDTRYmicro	07-09-18	11:32-13:30			6.45541	07-09-18 12:11	879.4301293	Other	NA	Electronic	6.4104	6.4554
USDTRYmicro	07-09-18	13:30-13:32	6.45258	879.4301293								
USDTRYmicro	07-09-18	15:32-17:30			6.3853	07-09-18 15:38	8.794301293	Other	NA	Electronic	6.3853	6.4303
USDTRYmicro	10-09-18	09:32-11:30			6.48183	10-09-18 10:01	615.6010905	Other	NA	Electronic	6.43683	6.48183
USDTRYmicro	10-09-18	11:32-13:30			6.48042	10-09-18 12:17	439.7150646	Other	NA	Electronic	6.43542	6.48042
USDTRYmicro	10-09-18	13:32-15:30			6.48203	10-09-18 13:57	439.7150646	Other	NA	Electronic	6.43703	6.48203

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	10-09-18	15:32-17:30			6.49027	10-09-18 16:16	43.97150646	Other	NA	Electronic	6.44527	6.49027
USDTRYmicro	11-09-18	09:32-11:30			6.49025	11-09-18 09:32	43.97150646	Other	NA	Electronic	6.46131	6.49025
USDTRYmicro	11-09-18	11:30-11:32	6.46437	8.794301293								
USDTRYmicro	11-09-18	13:32-15:30			6.49486	11-09-18 13:36	2638.290388	Other	NA	Electronic	6.46595	6.49486
USDTRYmicro	11-09-18	15:30-15:32	6.44865	149.503122								
USDTRYmicro	12-09-18	09:32-11:30			6.3773	12-09-18 09:36	8.794301293	Other	NA	Electronic	6.3773	6.4058
USDTRYmicro	12-09-18	11:32-13:30			6.38114	12-09-18 11:36	4397.150646	Other	NA	Electronic	6.35366	6.38114
USDTRYmicro	12-09-18	13:32-15:30			6.36554	12-09-18 13:45	536.4523789	Other	NA	Electronic	6.339	6.36554
USDTRYmicro	12-09-18	15:32-17:30			6.34241	12-09-18 15:32	439.7150646	Other	NA	Electronic	6.34241	6.37296
USDTRYmicro	13-09-18	09:30-09:32	6.51067	2778.999209								
USDTRYmicro	13-09-18	11:30-11:32	6.16352	1758.860259								
USDTRYmicro	13-09-18	13:30-13:32	6.17329	879.4301293								
USDTRYmicro	13-09-18	15:32-17:30			6.13905	13-09-18 15:33	8.794301293	Other	NA	Electronic	6.13905	6.16826
USDTRYmicro	14-09-18	09:32-11:30			6.10378	14-09-18 10:04	281.4176414	Other	NA	Electronic	6.07331	6.10378
USDTRYmicro	14-09-18	11:32-13:30			6.13042	14-09-18 11:47	87.94301293	Other	NA	Electronic	6.10084	6.13042

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	14-09-18	13:32-15:30			6.16019	14-09-18 14:21	879.4301293	Other	NA	Electronic	6.13229	6.16019
USDTRYmicro	14-09-18	15:32-17:30			6.1341	14-09-18 15:36	202.2689297	Other	NA	Electronic	6.1341	6.16938
USDTRYmicro	17-09-18	09:32-11:30			6.23254	17-09-18 09:38	8.794301293	Other	NA	Electronic	6.23254	6.263
USDTRYmicro	17-09-18	11:30-11:32	6.23499	175.8860259								
USDTRYmicro	17-09-18	13:32-15:30			6.26239	17-09-18 13:34	8.794301293	Other	NA	Electronic	6.26239	6.29125
USDTRYmicro	17-09-18	15:32-17:30			6.31493	17-09-18 16:06	87.94301293	Other	NA	Electronic	6.28471	6.31493
USDTRYmicro	18-09-18	09:32-11:30			6.37603	18-09-18 09:42	8.794301293	Other	NA	Electronic	6.34709	6.37603
USDTRYmicro	18-09-18	11:30-11:32	6.45036	26.38290388								
USDTRYmicro	18-09-18	13:32-15:30			6.3726	18-09-18 13:36	43.97150646	Other	NA	Electronic	6.3726	6.40749
USDTRYmicro	18-09-18	15:32-17:30			6.36196	18-09-18 15:36	87.94301293	Other	NA	Electronic	6.33189	6.36196
USDTRYmicro	19-09-18	09:32-11:30			6.30698	19-09-18 09:33	17.58860259	Other	NA	Electronic	6.27715	6.30698
USDTRYmicro	19-09-18	11:30-11:32	6.29491	52.76580776								
USDTRYmicro	19-09-18	13:30-13:32	6.2531	1758.860259								
USDTRYmicro	19-09-18	15:32-17:30			6.28193	19-09-18 15:47	1758.860259	Other	NA	Electronic	6.25278	6.28199
USDTRYmicro	20-09-18	09:30-09:32	6.18891	8.794301293								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	20-09-18	11:32-13:30			6.33235	20-09-18 11:32	1758.860259	Other	NA	Electronic	6.29672	6.33235
USDTRYmicro	20-09-18	13:30-13:32	6.2879	703.5441034								
USDTRYmicro	20-09-18	15:32-17:30			6.22838	20-09-18 15:54	87.94301293	Other	NA	Electronic	6.192	6.22838
USDTRYmicro	21-09-18	09:32-11:30			6.2785	21-09-18 10:19	8.794301293	Other	NA	Electronic	6.2785	6.30865
USDTRYmicro	21-09-18	11:32-13:30			6.25233	21-09-18 12:44	87.94301293	Other	NA	Electronic	6.25233	6.28082
USDTRYmicro	21-09-18	13:32-15:30			6.29554	21-09-18 13:40	87.94301293	Other	NA	Electronic	6.26684	6.29554
USDTRYmicro	21-09-18	15:32-17:30			6.30007	21-09-18 15:37	26.38290388	Other	NA	Electronic	6.27088	6.30007
USDTRYmicro	24-09-18	09:32-11:30			6.2277	24-09-18 09:51	87.94301293	Other	NA	Electronic	6.19984	6.2277
USDTRYmicro	24-09-18	11:32-13:30			6.2413	24-09-18 11:32	879.4301293	Other	NA	Electronic	6.2117	6.2413
USDTRYmicro	24-09-18	13:32-15:30			6.1727	24-09-18 13:46	8.794301293	Other	NA	Electronic	6.14636	6.1727
USDTRYmicro	24-09-18	15:32-17:30			6.09814	24-09-18 15:34	26.38290388	Other	NA	Electronic	6.06533	6.09814
USDTRYmicro	25-09-18	09:32-11:30			6.16636	25-09-18 09:33	272.6233401	Other	NA	Electronic	6.13751	6.16564
USDTRYmicro	25-09-18	11:32-13:30			6.12533	25-09-18 11:58	439.7150646	Other	NA	Electronic	6.12533	6.15444
USDTRYmicro	25-09-18	13:32-15:30			6.212	25-09-18 13:39	439.7150646	Other	NA	Electronic	6.1839	6.212
USDTRYmicro	25-09-18	15:32-17:30			6.18418	25-09-18 16:03	879.4301293	Other	NA	Electronic	6.15358	6.18418



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDTRYmicro	26-09-18	09:32-11:30			6.10504	26-09-18 10:13	1758.860259	Other	NA	Electronic	6.10504	6.13471
USDTRYmicro	26-09-18	11:32-13:30			6.1258	26-09-18 12:24	448.5093659	Other	NA	Electronic	6.10426	6.1258
USDTRYmicro	26-09-18	13:32-15:30			6.12363	26-09-18 13:51	175.8860259	Other	NA	Electronic	6.10292	6.12363
USDTRYmicro	26-09-18	15:32-17:30			6.09535	26-09-18 15:41	87.94301293	Other	NA	Electronic	6.0727	6.09535
USDTRYmicro	27-09-18	09:32-11:30			6.06719	27-09-18 10:43	879.4301293	Other	NA	Electronic	6.04677	6.06719
USDTRYmicro	27-09-18	11:32-13:30			6.0527	27-09-18 11:33	17.58860259	Other	NA	Electronic	6.03289	6.0527
USDTRYmicro	27-09-18	13:32-15:30			6.02793	27-09-18 13:43	8.794301293	Other	NA	Electronic	6.00691	6.02793
USDTRYmicro	27-09-18	15:32-17:30			6.00553	27-09-18 15:38	888.2244306	Other	NA	Electronic	5.98039	6.00553
USDTRYmicro	28-09-18	09:32-11:30			6.01865	28-09-18 09:32	43.97150646	Other	NA	Electronic	5.99795	6.01865
USDTRYmicro	28-09-18	11:32-13:30			6.03541	28-09-18 11:35	263.8290388	Other	NA	Electronic	6.01325	6.03541
USDTRYmicro	28-09-18	13:32-15:30			6.00156	28-09-18 13:35	8.794301293	Other	NA	Electronic	6.00156	6.0226
USDTRYmicro	28-09-18	15:32-17:30			6.01175	28-09-18 15:42	888.2244306	Other	NA	Electronic	6.01175	6.03497
USDX-DEC18	13-09-18	13:32-15:30			94.235	13-09-18 14:38	4143.654912	Other	NA	Electronic	94.185	94.235
USDX-DEC18	13-09-18	15:32-17:30			94.245	13-09-18 16:00	828.8189253	Other	NA	Electronic	94.195	94.245
USDX-DEC18	14-09-18	09:32-11:30			94.095	14-09-18 10:00	4137.498901	Other	NA	Electronic	94.045	94.095

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDx-DEC18	14-09-18	11:32-13:30			94.255	14-09-18 12:35	2486.720605	Other	NA	Electronic	94.205	94.255
USDx-DEC18	18-09-18	09:32-11:30			94.135	18-09-18 10:05	3311.406209	Other	NA	Electronic	94.135	94.185
USDx-DEC18	19-09-18	11:32-13:30			94.165	19-09-18 12:49	1654.647788	Other	NA	Electronic	94.165	94.215
USDx-DEC18	20-09-18	09:32-11:30			93.795	20-09-18 10:31	2486.720605	Other	NA	Electronic	93.795	93.845
USDx-DEC18	20-09-18	11:32-13:30			93.715	20-09-18 11:33	824.1579457	Other	NA	Electronic	93.665	93.715
USDx-DEC18	20-09-18	15:32-17:30			93.675	20-09-18 15:53	822.0473133	Other	NA	Electronic	93.675	93.725
USDx-DEC18	24-09-18	09:32-11:30			93.655	24-09-18 09:47	823.6302876	Other	NA	Electronic	93.655	93.705
USDx-DEC18	24-09-18	11:32-13:30			93.535	24-09-18 13:08	822.5749714	Other	NA	Electronic	93.535	93.585
USDx-DEC18	24-09-18	13:32-15:30			93.575	24-09-18 14:07	822.9267435	Other	NA	Electronic	93.525	93.575
USDx-DEC18	24-09-18	15:32-17:30			93.735	24-09-18 17:15	824.3338317	Other	NA	Electronic	93.735	93.785
USDx-DEC18	25-09-18	13:32-15:30			93.695	25-09-18 13:33	823.9820596	Other	NA	Electronic	93.645	93.695
USDx-DEC18	26-09-18	13:32-15:30			93.955	26-09-18 13:34	826.268578	Other	NA	Electronic	93.955	94.005
USDx-DEC18	27-09-18	13:32-15:30			94.305	27-09-18 14:23	829.3465834	Other	NA	Electronic	94.255	94.305
USDx-DEC18	27-09-18	15:32-17:30			94.375	27-09-18 16:38	829.3465834	Other	NA	Electronic	94.375	94.425
USDx-DEC18	28-09-18	11:32-13:30			94.895	28-09-18 12:42	834.5352212	Other	NA	Electronic	94.895	94.945

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDX-DEC18	28-09-18	15:32-17:30			94.675	28-09-18 16:29	832.6004749	Other	NA	Electronic	94.625	94.675
USDX-SEP18	02-07-18	11:32-13:30			94.625	02-07-18 11:38	1657.813737	Other	NA	Electronic	94.575	94.625
USDX-SEP18	02-07-18	13:32-15:30			94.775	02-07-18 13:53	1662.035001	Other	NA	Electronic	94.775	94.825
USDX-SEP18	02-07-18	15:32-17:30			94.765	02-07-18 16:39	833.391962	Other	NA	Electronic	94.765	94.815
USDX-SEP18	03-07-18	11:32-13:30			94.285	03-07-18 12:02	829.1706974	Other	NA	Electronic	94.285	94.335
USDX-SEP18	04-07-18	15:32-17:30			94.265	04-07-18 16:19	4144.534342	Other	NA	Electronic	94.265	94.315
USDX-SEP18	05-07-18	09:32-11:30			94.135	05-07-18 09:43	829.2586404	Other	NA	Electronic	94.135	94.185
USDX-SEP18	05-07-18	11:32-13:30			93.965	05-07-18 12:20	833.04019	Other	NA	Electronic	93.915	93.965
USDX-SEP18	06-07-18	09:32-11:30			94.085	06-07-18 09:50	827.8515522	Other	NA	Electronic	94.035	94.085
USDX-SEP18	06-07-18	11:32-13:30			94.005	06-07-18 12:19	826.708293	Other	NA	Electronic	93.955	94.005
USDX-SEP18	06-07-18	13:30-13:32	93.745	2483.466714								
USDX-SEP18	06-07-18	15:32-17:30			93.735	06-07-18 15:37	824.3338317	Other	NA	Electronic	93.685	93.735
USDX-SEP18	09-07-18	09:32-11:30			93.555	09-07-18 09:32	823.1905725	Other	NA	Electronic	93.505	93.555
USDX-SEP18	09-07-18	11:32-13:30			93.485	09-07-18 11:40	822.2231994	Other	NA	Electronic	93.435	93.485
USDX-SEP18	09-07-18	13:32-15:30			93.585	09-07-18 13:56	822.8388005	Other	NA	Electronic	93.585	93.635

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDXX-SEP18	09-07-18	15:32-17:30			93.795	09-07-18 16:24	824.8614898	Other	NA	Electronic	93.795	93.845
USDXX-SEP18	10-07-18	09:32-11:30			94.095	10-07-18 10:48	827.4997801	Other	NA	Electronic	94.045	94.095
USDXX-SEP18	10-07-18	11:32-13:30			94.095	10-07-18 11:36	3308.592032	Other	NA	Electronic	94.095	94.145
USDXX-SEP18	10-07-18	13:32-15:30			94.095	10-07-18 13:58	826.444464	Other	NA	Electronic	94.045	94.095
USDXX-SEP18	10-07-18	15:32-17:30			93.945	10-07-18 15:39	1652.36127	Other	NA	Electronic	93.895	93.945
USDXX-SEP18	11-07-18	09:32-11:30			94.105	11-07-18 10:45	826.708293	Other	NA	Electronic	94.105	94.155
USDXX-SEP18	11-07-18	11:32-13:30			94.185	11-07-18 11:50	2484.873802	Other	NA	Electronic	94.135	94.185
USDXX-SEP18	11-07-18	13:32-15:30			93.875	11-07-18 13:47	825.5650339	Other	NA	Electronic	93.875	93.925
USDXX-SEP18	11-07-18	15:32-17:30			94.365	11-07-18 17:04	2475.903614	Other	NA	Electronic	94.315	94.365
USDXX-SEP18	12-07-18	09:32-11:30			94.735	12-07-18 11:03	833.128133	Other	NA	Electronic	94.685	94.735
USDXX-SEP18	12-07-18	11:32-13:30			94.585	12-07-18 12:26	831.8089878	Other	NA	Electronic	94.585	94.635
USDXX-SEP18	12-07-18	13:32-15:30			94.555	12-07-18 13:36	831.8089878	Other	NA	Electronic	94.505	94.555
USDXX-SEP18	12-07-18	15:32-17:30			94.445	12-07-18 16:45	830.5777856	Other	NA	Electronic	94.445	94.495
USDXX-SEP18	13-07-18	09:32-11:30			94.855	13-07-18 09:42	834.1834491	Other	NA	Electronic	94.855	94.905
USDXX-SEP18	13-07-18	11:32-13:30			94.845	13-07-18 12:18	834.1834491	Other	NA	Electronic	94.795	94.845

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDX-SEP18	13-07-18	13:32-15:30			94.625	13-07-18 14:59	4126.945739	Other	NA	Electronic	94.575	94.625
USDX-SEP18	16-07-18	11:32-13:30			94.175	16-07-18 11:42	828.2033242	Other	NA	Electronic	94.175	94.225
USDX-SEP18	17-07-18	09:32-11:30			94.185	17-07-18 10:41	6626.330138	Other	NA	Electronic	94.185	94.235
USDX-SEP18	17-07-18	11:32-13:30			94.335	17-07-18 11:40	1659.220825	Other	NA	Electronic	94.285	94.335
USDX-SEP18	17-07-18	13:32-15:30			94.535	17-07-18 14:35	831.3692727	Other	NA	Electronic	94.535	94.585
USDX-SEP18	17-07-18	15:32-17:30			94.635	17-07-18 15:46	1660.276141	Other	NA	Electronic	94.585	94.635
USDX-SEP18	18-07-18	09:32-11:30			95.005	18-07-18 09:32	835.5025943	Other	NA	Electronic	95.005	95.055
USDX-SEP18	18-07-18	11:32-13:30			95.045	18-07-18 11:38	835.8543664	Other	NA	Electronic	95.045	95.095
USDX-SEP18	18-07-18	13:32-15:30			94.935	18-07-18 13:37	836.2061384	Other	NA	Electronic	94.935	94.985
USDX-SEP18	18-07-18	15:32-17:30			94.905	18-07-18 15:55	831.2813297	Other	NA	Electronic	94.855	94.905
USDX-SEP18	19-07-18	09:30-09:32	95.255	5015.653856								
USDX-SEP18	19-07-18	11:32-13:30			95.245	19-07-18 11:40	2512.83968	Other	NA	Electronic	95.245	95.295
USDX-SEP18	19-07-18	13:30-13:32	95.235	16750.50567								
USDX-SEP18	19-07-18	15:32-17:30			95.305	19-07-18 15:45	838.1408847	Other	NA	Electronic	95.255	95.305
USDX-SEP18	20-07-18	09:32-11:30			94.935	20-07-18 10:26	834.7111072	Other	NA	Electronic	94.885	94.935

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDX-SEP18	20-07-18	11:32-13:30			94.625	20-07-18 12:30	834.7111072	Other	NA	Electronic	94.625	94.675
USDX-SEP18	20-07-18	13:32-15:30			94.345	20-07-18 14:08	829.6983555	Other	NA	Electronic	94.295	94.345
USDX-SEP18	20-07-18	15:32-17:30			94.405	20-07-18 15:37	830.2260135	Other	NA	Electronic	94.355	94.405
USDX-SEP18	23-07-18	09:32-11:30			94.335	23-07-18 10:23	829.6104125	Other	NA	Electronic	94.285	94.335
USDX-SEP18	23-07-18	11:32-13:30			94.255	23-07-18 12:59	828.9068683	Other	NA	Electronic	94.205	94.255
USDX-SEP18	23-07-18	13:32-15:30			94.305	23-07-18 13:52	829.6983555	Other	NA	Electronic	94.305	94.355
USDX-SEP18	23-07-18	15:32-17:30			94.375	23-07-18 16:15	8299.621845	Other	NA	Electronic	94.325	94.375
USDX-SEP18	24-07-18	09:32-11:30			94.315	24-07-18 10:09	829.4345264	Other	NA	Electronic	94.315	94.365
USDX-SEP18	24-07-18	13:32-15:30			94.355	24-07-18 15:23	830.9295576	Other	NA	Electronic	94.305	94.355
USDX-SEP18	26-07-18	11:32-13:30			94.155	26-07-18 12:31	828.2033242	Other	NA	Electronic	94.105	94.155
USDX-SEP18	26-07-18	13:32-15:30			94.235	26-07-18 13:49	828.7309823	Other	NA	Electronic	94.235	94.285
USDX-SEP18	26-07-18	15:32-17:30			94.455	26-07-18 17:23	829.4345264	Other	NA	Electronic	94.405	94.455
USDX-SEP18	27-07-18	09:32-11:30			94.715	27-07-18 09:43	832.9522469	Other	NA	Electronic	94.665	94.715
USDX-SEP18	27-07-18	11:32-13:30			94.615	27-07-18 12:30	1664.145634	Other	NA	Electronic	94.545	94.595
USDX-SEP18	27-07-18	13:32-15:30			94.535	27-07-18 13:33	831.3692727	Other	NA	Electronic	94.485	94.535

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDx-SEP18	27-07-18	15:32-17:30			94.495	27-07-18 16:07	831.9848738	Other	NA	Electronic	94.445	94.495
USDx-SEP18	30-07-18	09:32-11:30			94.325	30-07-18 09:56	8300.501275	Other	NA	Electronic	94.275	94.325
USDx-SEP18	30-07-18	11:32-13:30			94.285	30-07-18 12:23	829.1706974	Other	NA	Electronic	94.285	94.335
USDx-SEP18	30-07-18	13:32-15:30			94.185	30-07-18 13:49	829.9621845	Other	NA	Electronic	94.135	94.185
USDx-SEP18	31-07-18	09:32-11:30			94.025	31-07-18 10:41	4988.215636	Other	NA	Electronic	94.025	94.075
USDx-SEP18	31-07-18	11:32-13:30			93.935	31-07-18 12:33	826.0926919	Other	NA	Electronic	93.935	93.985
USDx-SEP18	31-07-18	13:32-15:30			94.345	31-07-18 15:00	1659.396711	Other	NA	Electronic	94.295	94.345
USDx-SEP18	31-07-18	15:32-17:30			94.275	31-07-18 15:36	826.0047489	Other	NA	Electronic	94.275	94.325
USDx-SEP18	01-08-18	09:32-11:30			94.425	01-08-18 10:20	829.4345264	Other	NA	Electronic	94.375	94.425
USDx-SEP18	01-08-18	11:32-13:30			94.325	01-08-18 12:26	1659.044939	Other	NA	Electronic	94.325	94.375
USDx-SEP18	01-08-18	13:32-15:30			94.445	01-08-18 14:15	829.5224694	Other	NA	Electronic	94.395	94.445
USDx-SEP18	01-08-18	15:32-17:30			94.445	01-08-18 16:28	830.5777856	Other	NA	Electronic	94.445	94.495
USDx-SEP18	02-08-18	09:32-11:30			94.835	02-08-18 09:49	834.0075631	Other	NA	Electronic	94.785	94.835
USDx-SEP18	02-08-18	11:32-13:30			94.885	02-08-18 11:49	1659.044939	Other	NA	Electronic	94.835	94.885
USDx-SEP18	02-08-18	13:32-15:30			94.765	02-08-18 14:07	833.391962	Other	NA	Electronic	94.715	94.765

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDx-SEP18	02-08-18	15:32-17:30			94.775	02-08-18 16:28	833.479905	Other	NA	Electronic	94.775	94.825
USDx-SEP18	03-08-18	09:32-11:30			95.075	03-08-18 09:33	4180.590977	Other	NA	Electronic	95.025	95.075
USDx-SEP18	03-08-18	11:32-13:30			94.815	03-08-18 11:34	8318.089878	Other	NA	Electronic	94.815	94.865
USDx-SEP18	06-08-18	09:32-11:30			95.325	06-08-18 11:14	838.3167707	Other	NA	Electronic	95.275	95.325
USDx-SEP18	06-08-18	13:32-15:30			95.065	06-08-18 15:29	836.0302524	Other	NA	Electronic	95.065	95.115
USDx-SEP18	07-08-18	09:32-11:30			94.925	07-08-18 09:44	834.7990502	Other	NA	Electronic	94.925	94.975
USDx-SEP18	08-08-18	11:32-13:30			95.185	08-08-18 12:25	834.8869932	Other	NA	Electronic	95.135	95.185
USDx-SEP18	09-08-18	15:32-17:30			95.175	09-08-18 16:00	836.9976255	Other	NA	Electronic	95.175	95.225
USDx-SEP18	10-08-18	09:32-11:30			95.825	10-08-18 09:45	842.7139214	Other	NA	Electronic	95.825	95.875
USDx-SEP18	10-08-18	11:32-13:30			96.025	10-08-18 13:03	844.4727816	Other	NA	Electronic	95.975	96.025
USDx-SEP18	10-08-18	13:32-15:30			96.055	10-08-18 13:35	844.4727816	Other	NA	Electronic	96.055	96.105
USDx-SEP18	10-08-18	15:32-17:30			96.205	10-08-18 16:44	845.0883827	Other	NA	Electronic	96.205	96.255
USDx-SEP18	13-08-18	09:32-11:30			96.315	13-08-18 10:11	847.2869581	Other	NA	Electronic	96.275	96.325
USDx-SEP18	13-08-18	13:32-15:30			96.115	13-08-18 14:13	1690.528538	Other	NA	Electronic	96.065	96.115
USDx-SEP18	13-08-18	15:30-15:32	96.125	1690.528538								



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDx-SEP18	14-08-18	13:32-15:30			96.255	14-08-18 14:18	846.4954709	Other	NA	Electronic	96.255	96.305
USDx-SEP18	14-08-18	15:32-17:30			96.425	14-08-18 15:40	846.935186	Other	NA	Electronic	96.425	96.475
USDx-SEP18	15-08-18	09:32-11:30			96.685	15-08-18 09:34	850.2770205	Other	NA	Electronic	96.685	96.735
USDx-SEP18	15-08-18	11:32-13:30			96.685	15-08-18 12:20	847.6387301	Other	NA	Electronic	96.635	96.685
USDx-SEP18	15-08-18	13:32-15:30			96.845	15-08-18 13:50	851.6841087	Other	NA	Electronic	96.795	96.845
USDx-SEP18	15-08-18	15:32-17:30			96.615	15-08-18 16:29	850.6287925	Other	NA	Electronic	96.565	96.615
USDx-SEP18	16-08-18	09:32-11:30			96.475	16-08-18 11:12	848.4302172	Other	NA	Electronic	96.475	96.525
USDx-SEP18	16-08-18	11:32-13:30			96.445	16-08-18 12:32	1696.332776	Other	NA	Electronic	96.445	96.495
USDx-SEP18	16-08-18	13:32-15:30			96.315	16-08-18 13:44	851.6841087	Other	NA	Electronic	96.315	96.365
USDx-SEP18	16-08-18	15:32-17:30			96.615	16-08-18 16:50	2538.694926	Other	NA	Electronic	96.565	96.615
USDx-SEP18	17-08-18	11:32-13:30			96.415	17-08-18 12:08	847.9025591	Other	NA	Electronic	96.365	96.415
USDx-SEP18	17-08-18	13:32-15:30			96.085	17-08-18 14:41	847.9025591	Other	NA	Electronic	96.085	96.135
USDx-SEP18	20-08-18	09:32-11:30			96.195	20-08-18 09:42	846.0557559	Other	NA	Electronic	96.195	96.245
USDx-SEP18	20-08-18	11:32-13:30			96.075	20-08-18 11:44	846.4954709	Other	NA	Electronic	96.075	96.125
USDx-SEP18	20-08-18	15:32-17:30			95.865	20-08-18 17:25	844.9124967	Other	NA	Electronic	95.815	95.865

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USDX-SEP18	21-08-18	09:32-11:30			95.445	21-08-18 10:03	839.3720869	Other	NA	Electronic	95.445	95.495
USDX-SEP18	21-08-18	11:32-13:30			95.605	21-08-18 12:12	840.7791751	Other	NA	Electronic	95.555	95.605
USDX-SEP18	21-08-18	15:32-17:30			95.215	21-08-18 17:00	12560.24096	Other	NA	Electronic	95.215	95.265
USDX-SEP18	22-08-18	09:32-11:30			94.875	22-08-18 11:12	3349.045818	Other	NA	Electronic	94.875	94.925
USDX-SEP18	22-08-18	11:32-13:30			94.935	22-08-18 11:34	4174.434966	Other	NA	Electronic	94.885	94.935
USDX-SEP18	22-08-18	13:32-15:30			94.925	22-08-18 14:04	2505.188638	Other	NA	Electronic	94.925	94.975
USDX-SEP18	22-08-18	15:32-17:30			95.105	22-08-18 17:06	2509.146073	Other	NA	Electronic	95.055	95.105
USDX-SEP18	23-08-18	09:32-11:30			95.135	23-08-18 10:49	4174.434966	Other	NA	Electronic	95.145	95.195
USDX-SEP18	23-08-18	11:32-13:30			95.235	23-08-18 11:59	2514.158825	Other	NA	Electronic	95.185	95.235
USDX-SEP18	23-08-18	13:32-15:30			95.245	23-08-18 14:05	4188.066133	Other	NA	Electronic	95.245	95.295
USDX-SEP18	23-08-18	15:32-17:30			95.375	23-08-18 15:51	838.7564858	Other	NA	Electronic	95.325	95.375
USDX-SEP18	24-08-18	11:32-13:30			95.295	24-08-18 12:04	840.075631	Other	NA	Electronic	95.245	95.295
USDX-SEP18	24-08-18	13:32-15:30			95.115	24-08-18 14:01	3345.87987	Other	NA	Electronic	95.115	95.165
USDX-SEP18	24-08-18	15:32-17:30			95.095	24-08-18 15:46	2508.882244	Other	NA	Electronic	95.045	95.095
USDX-SEP18	27-08-18	11:32-13:30			94.985	27-08-18 12:31	835.3267083	Other	NA	Electronic	94.935	94.985

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USDX-SEP18	27-08-18	13:30-13:32	94.925	3339.196201								
USDX-SEP18	28-08-18	09:30-09:32	94.535	1662.738545								
USDX-SEP18	28-08-18	11:32-13:30			94.505	28-08-18 12:19	831.2813297	Other	NA	Electronic	94.455	94.505
USDX-SEP18	28-08-18	13:32-15:30			94.515	28-08-18 14:40	1662.738545	Other	NA	Electronic	94.465	94.515
USDX-SEP18	29-08-18	09:32-11:30			94.775	29-08-18 10:47	833.479905	Other	NA	Electronic	94.725	94.775
USDX-SEP18	29-08-18	11:32-13:30			94.745	29-08-18 11:37	833.216076	Other	NA	Electronic	94.745	94.795
USDX-SEP18	29-08-18	13:32-15:30			94.595	29-08-18 13:59	4159.484654	Other	NA	Electronic	94.595	94.645
USDX-SEP18	30-08-18	11:32-13:30			94.725	30-08-18 13:06	2499.12057	Other	NA	Electronic	94.675	94.725
USDX-SEP18	30-08-18	13:30-13:32	94.795	2491.997186								
USDX-SEP18	30-08-18	15:32-17:30			94.735	30-08-18 17:26	2492.524844	Other	NA	Electronic	94.735	94.785
USDX-SEP18	31-08-18	09:32-11:30			94.735	31-08-18 11:23	833.479905	Other	NA	Electronic	94.685	94.735
USDX-SEP18	31-08-18	13:32-15:30			95.015	31-08-18 15:27	835.5905373	Other	NA	Electronic	94.965	95.015
USDX-SEP18	31-08-18	15:32-17:30			95.085	31-08-18 16:19	2493.58016	Other	NA	Electronic	95.085	95.135
USDX-SEP18	03-09-18	09:32-11:30			95.065	03-09-18 10:54	1672.060505	Other	NA	Electronic	95.015	95.065
USDX-SEP18	03-09-18	11:32-13:30			95.105	03-09-18 11:54	836.3820244	Other	NA	Electronic	95.055	95.105

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USDX-SEP18	03-09-18	13:32-15:30			95.065	03-09-18 14:46	836.0302524	Other	NA	Electronic	95.015	95.065
USDX-SEP18	04-09-18	13:32-15:30			95.475	04-09-18 14:58	837.2614546	Other	NA	Electronic	95.475	95.525
USDX-SEP18	04-09-18	15:32-17:30			95.435	04-09-18 16:09	839.2841439	Other	NA	Electronic	95.435	95.485
USDX-SEP18	05-09-18	11:32-13:30			95.415	05-09-18 13:03	839.1082578	Other	NA	Electronic	95.365	95.415
USDX-SEP18	05-09-18	13:32-15:30			95.065	05-09-18 13:33	41801.51262	Other	NA	Electronic	95.065	95.115
USDX-SEP18	05-09-18	15:32-17:30			95.165	05-09-18 16:58	836.9096825	Other	NA	Electronic	95.115	95.165
USDX-SEP18	06-09-18	11:32-13:30			95.015	06-09-18 12:15	835.5905373	Other	NA	Electronic	94.965	95.015
USDX-SEP18	06-09-18	13:32-15:30			95.045	06-09-18 15:05	835.5905373	Other	NA	Electronic	95.045	95.095
USDX-SEP18	06-09-18	15:30-15:32	95.095	1672.939935								
USDX-SEP18	07-09-18	09:32-11:30			94.935	07-09-18 10:20	834.8869932	Other	NA	Electronic	94.885	94.935
USDX-SEP18	10-09-18	11:32-13:30			95.015	10-09-18 13:03	835.5905373	Other	NA	Electronic	95.015	95.065
USDX-SEP18	10-09-18	15:32-17:30			95.085	10-09-18 15:32	836.2061384	Other	NA	Electronic	95.035	95.085
USDX-SEP18	11-09-18	09:32-11:30			95.145	11-09-18 10:04	836.7337965	Other	NA	Electronic	95.145	95.195
USDX-SEP18	12-09-18	09:32-11:30			95.115	12-09-18 10:50	836.4699675	Other	NA	Electronic	95.115	95.165
USDX-SEP18	12-09-18	11:32-13:30			95.155	12-09-18 12:31	3347.286958	Other	NA	Electronic	95.105	95.155

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDX-SEP18	12-09-18	13:32-15:30			94.785	12-09-18 15:14	1675.050567	Other	NA	Electronic	94.785	94.835
USDX-SEP18	12-09-18	15:32-17:30			94.825	12-09-18 16:21	833.9196201	Other	NA	Electronic	94.825	94.875
USDZAR	02-07-18	09:32-11:30			13.8115	02-07-18 09:47	879.4301293	Other	NA	Electronic	13.8019	13.8115
USDZAR	02-07-18	11:32-13:30			13.8229	02-07-18 11:35	1758.860259	Other	NA	Electronic	13.8135	13.8229
USDZAR	02-07-18	13:32-15:30			13.8961	02-07-18 13:37	43971.50646	Other	NA	Electronic	13.8867	13.8962
USDZAR	02-07-18	15:32-17:30			13.902	02-07-18 15:43	4397.150646	Other	NA	Electronic	13.902	13.9117
USDZAR	03-07-18	09:32-11:30			13.7325	03-07-18 09:46	879.4301293	Other	NA	Electronic	13.7324	13.7426
USDZAR	03-07-18	11:32-13:30			13.7271	03-07-18 11:38	879.4301293	Other	NA	Electronic	13.7169	13.7271
USDZAR	03-07-18	13:32-15:30			13.7184	03-07-18 13:49	35177.20517	Other	NA	Electronic	13.7184	13.7287
USDZAR	03-07-18	15:32-17:30			13.6729	03-07-18 15:32	879.4301293	Other	NA	Electronic	13.6729	13.6834
USDZAR	04-07-18	09:32-11:30			13.7213	04-07-18 09:57	7035.441034	Other	NA	Electronic	13.7116	13.7218
USDZAR	04-07-18	11:32-13:30			13.7207	04-07-18 11:46	879.4301293	Other	NA	Electronic	13.7117	13.7207
USDZAR	04-07-18	13:32-15:30			13.6958	04-07-18 13:32	6156.010905	Other	NA	Electronic	13.6958	13.7063
USDZAR	04-07-18	15:32-17:30			13.7057	04-07-18 15:47	8794.301293	Other	NA	Electronic	13.7057	13.717
USDZAR	05-07-18	09:32-11:30			13.71	05-07-18 09:32	4397.150646	Other	NA	Electronic	13.7006	13.71

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	05-07-18	11:30-11:32	13.6186	8794.301293								
USDZAR	05-07-18	13:30-13:32	13.573	17588.60259								
USDZAR	05-07-18	15:32-17:30			13.5758	05-07-18 15:34	4397.150646	Other	NA	Electronic	13.5663	13.5761
USDZAR	06-07-18	09:32-11:30			13.5778	06-07-18 09:35	13191.45194	Other	NA	Electronic	13.5778	13.5867
USDZAR	06-07-18	11:30-11:32	13.6178	879.4301293								
USDZAR	06-07-18	13:32-15:30			13.4843	06-07-18 13:43	879.4301293	Other	NA	Electronic	13.4843	13.4938
USDZAR	06-07-18	15:32-17:30			13.4918	06-07-18 15:41	1758.860259	Other	NA	Electronic	13.4826	13.4918
USDZAR	09-07-18	09:32-11:30			13.4092	09-07-18 09:37	879.4301293	Other	NA	Electronic	13.4092	13.4186
USDZAR	09-07-18	11:32-13:30			13.3441	09-07-18 11:36	176765.456	Other	NA	Electronic	13.3447	13.3536
USDZAR	09-07-18	13:32-15:30			13.3391	09-07-18 13:34	3517.720517	Other	NA	Electronic	13.3391	13.3486
USDZAR	09-07-18	15:30-15:32	13.3828	1758.860259								
USDZAR	10-07-18	09:30-09:32	13.46175	14070.88207								
USDZAR	10-07-18	11:32-13:30			13.4731	10-07-18 11:33	879.4301293	Other	NA	Electronic	13.4625	13.4731
USDZAR	10-07-18	13:30-13:32	13.3649	879.4301293								
USDZAR	10-07-18	15:30-15:32	13.3427	8794.301293								

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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	11-07-18	09:30-09:32	13.4865	8794.301293								
USDZAR	11-07-18	11:32-13:30			13.449	11-07-18 11:32	1758.860259	Other	NA	Electronic	13.449	13.4585
USDZAR	11-07-18	13:32-15:30			13.4205	11-07-18 13:36	18468.03271	Other	NA	Electronic	13.4099	13.4205
USDZAR	11-07-18	15:30-15:32	13.4915	6156.010905								
USDZAR	12-07-18	09:30-09:32	13.4857	4397.150646								
USDZAR	12-07-18	11:32-13:30			13.4284	12-07-18 11:32	4397.150646	Other	NA	Electronic	13.4284	13.4378
USDZAR	12-07-18	13:32-15:30			13.3941	12-07-18 13:34	1758.860259	Other	NA	Electronic	13.385	13.3941
USDZAR	12-07-18	15:32-17:30			13.2911	12-07-18 15:33	879.4301293	Other	NA	Electronic	13.2812	13.2911
USDZAR	13-07-18	09:32-11:30			13.3572	13-07-18 09:33	879.4301293	Other	NA	Electronic	13.3572	13.3667
USDZAR	13-07-18	11:30-11:32	13.3589	1758.860259								
USDZAR	13-07-18	13:30-13:32	13.305	18468.03271								
USDZAR	13-07-18	15:32-17:30			13.2601	13-07-18 15:33	879.4301293	Other	NA	Electronic	13.2601	13.2698
USDZAR	16-07-18	09:30-09:32	13.2126	14070.88207								
USDZAR	16-07-18	11:32-13:30			13.1947	16-07-18 12:27	8794.301293	Other	NA	Electronic	13.1852	13.1947
USDZAR	16-07-18	13:32-15:30			13.1988	16-07-18 13:50	18468.03271	Other	NA	Electronic	13.1988	13.2082

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	16-07-18	15:32-17:30			13.2578	16-07-18 15:32	8794.301293	Other	NA	Electronic	13.2481	13.2578
USDZAR	17-07-18	09:32-11:30			13.2607	17-07-18 09:48	879.4301293	Other	NA	Electronic	13.2607	13.2702
USDZAR	17-07-18	11:32-13:30			13.2639	17-07-18 11:53	1758.860259	Other	NA	Electronic	13.2639	13.2734
USDZAR	17-07-18	13:32-15:30			13.2242	17-07-18 13:45	1758.860259	Other	NA	Electronic	13.2149	13.2242
USDZAR	17-07-18	15:32-17:30			13.2175	17-07-18 15:41	70354.41034	Other	NA	Electronic	13.2175	13.2272
USDZAR	18-07-18	09:32-11:30			13.3127	18-07-18 09:34	879.4301293	Other	NA	Electronic	13.3127	13.3232
USDZAR	18-07-18	11:32-13:30			13.3449	18-07-18 11:58	879.4301293	Other	NA	Electronic	13.3449	13.3537
USDZAR	18-07-18	13:32-15:30			13.3292	18-07-18 13:44	879.4301293	Other	NA	Electronic	13.3192	13.3294
USDZAR	18-07-18	15:32-17:30			13.2971	18-07-18 15:47	879.4301293	Other	NA	Electronic	13.2876	13.2969
USDZAR	19-07-18	09:30-09:32	13.44225	18468.03271								
USDZAR	19-07-18	11:32-13:30			13.4427	19-07-18 11:36	879.4301293	Other	NA	Electronic	13.4325	13.4427
USDZAR	19-07-18	13:32-15:30			13.4736	19-07-18 13:32	879.4301293	Other	NA	Electronic	13.4736	13.4838
USDZAR	19-07-18	15:32-17:30			13.5511	19-07-18 15:44	8794.301293	Other	NA	Electronic	13.5511	13.5604
USDZAR	20-07-18	09:32-11:30			13.457	20-07-18 09:39	2638.290388	Other	NA	Electronic	13.457	13.4661
USDZAR	20-07-18	11:32-13:30			13.4842	20-07-18 11:38	879.4301293	Other	NA	Electronic	13.4842	13.493



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		All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
Symbol	Date	Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	20-07-18	13:32-15:30			13.4301	20-07-18 13:48	879.4301293	Other	NA	Electronic	13.4301	13.44
USDZAR	20-07-18	15:32-17:30			13.4534	20-07-18 15:44	879.4301293	Other	NA	Electronic	13.4437	13.4534
USDZAR	23-07-18	09:32-11:30			13.5304	23-07-18 09:44	10553.16155	Other	NA	Electronic	13.5304	13.5409
USDZAR	23-07-18	11:32-13:30			13.5211	23-07-18 11:43	4397.150646	Other	NA	Electronic	13.5112	13.5211
USDZAR	23-07-18	13:32-15:30			13.5323	23-07-18 13:32	26382.90388	Other	NA	Electronic	13.5227	13.5323
USDZAR	23-07-18	15:32-17:30			13.5224	23-07-18 16:43	1758.860259	Other	NA	Electronic	13.5224	13.5321
USDZAR	24-07-18	09:32-11:30			13.46	24-07-18 09:52	7035.441034	Other	NA	Electronic	13.46	13.4695
USDZAR	24-07-18	11:32-13:30			13.3191	24-07-18 11:33	4397.150646	Other	NA	Electronic	13.3191	13.3293
USDZAR	24-07-18	13:32-15:30			13.3367	24-07-18 13:58	879.4301293	Other	NA	Electronic	13.3257	13.3367
USDZAR	24-07-18	15:32-17:30			13.3189	24-07-18 16:05	43971.50646	Other	NA	Electronic	13.3067	13.3189
USDZAR	25-07-18	09:32-11:30			13.2079	25-07-18 09:33	35177.20517	Other	NA	Electronic	13.2079	13.218
USDZAR	25-07-18	11:32-13:30			13.2329	25-07-18 11:46	879.4301293	Other	NA	Electronic	13.2231	13.2329
USDZAR	25-07-18	13:30-13:32	13.1679	9673.731422								
USDZAR	25-07-18	15:32-17:30			13.1824	25-07-18 15:53	879.4301293	Other	NA	Electronic	13.1729	13.1824
USDZAR	26-07-18	09:32-11:30			13.201	26-07-18 09:39	8794.301293	Other	NA	Electronic	13.1917	13.201

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	26-07-18	11:32-13:30			13.1996	26-07-18 11:55	879.4301293	Other	NA	Electronic	13.1899	13.1996
USDZAR	26-07-18	13:32-15:30			13.212	26-07-18 13:32	879.4301293	Other	NA	Electronic	13.2016	13.212
USDZAR	26-07-18	15:32-17:30			13.2213	26-07-18 15:39	70354.41034	Other	NA	Electronic	13.2213	13.2314
USDZAR	27-07-18	09:32-11:30			13.2502	27-07-18 09:45	351772.0517	Other	NA	Electronic	13.2502	13.2599
USDZAR	27-07-18	11:32-13:30			13.2404	27-07-18 11:44	1758.860259	Other	NA	Electronic	13.2307	13.2404
USDZAR	27-07-18	13:32-15:30			13.2053	27-07-18 13:54	879.4301293	Other	NA	Electronic	13.1956	13.2053
USDZAR	27-07-18	15:32-17:30			13.1819	27-07-18 15:40	4397.150646	Other	NA	Electronic	13.1719	13.1819
USDZAR	30-07-18	09:32-11:30			13.1618	30-07-18 10:14	11432.59168	Other	NA	Electronic	13.1618	13.1719
USDZAR	30-07-18	11:32-13:30			13.168	30-07-18 13:02	43971.50646	Other	NA	Electronic	13.1577	13.168
USDZAR	30-07-18	13:32-15:30			13.1553	30-07-18 13:39	8794.301293	Other	NA	Electronic	13.146	13.1553
USDZAR	30-07-18	15:32-17:30			13.1441	30-07-18 15:38	879.4301293	Other	NA	Electronic	13.1441	13.1541
USDZAR	31-07-18	09:32-11:30			13.1381	31-07-18 09:37	1758.860259	Other	NA	Electronic	13.1381	13.1478
USDZAR	31-07-18	11:32-13:30			13.1023	31-07-18 12:03	8794.301293	Other	NA	Electronic	13.0926	13.1023
USDZAR	31-07-18	13:32-15:30			13.1185	31-07-18 13:42	52765.80776	Other	NA	Electronic	13.1086	13.1183
USDZAR	31-07-18	15:30-15:32	13.1204	879.4301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	01-08-18	09:32-11:30			13.3253	01-08-18 09:38	7914.871163	Other	NA	Electronic	13.3156	13.3253
USDZAR	01-08-18	11:32-13:30			13.2627	01-08-18 11:35	52765.80776	Other	NA	Electronic	13.2627	13.2721
USDZAR	01-08-18	13:32-15:30			13.2057	01-08-18 14:10	3517.720517	Other	NA	Electronic	13.1957	13.2057
USDZAR	01-08-18	15:32-17:30			13.2321	01-08-18 16:04	879.4301293	Other	NA	Electronic	13.222	13.2321
USDZAR	02-08-18	09:30-09:32	13.4291	4397.150646								
USDZAR	02-08-18	11:32-13:30			13.4189	02-08-18 11:38	879.4301293	Other	NA	Electronic	13.4189	13.4286
USDZAR	02-08-18	13:32-15:30			13.3845	02-08-18 13:42	52765.80776	Other	NA	Electronic	13.3748	13.3845
USDZAR	02-08-18	15:32-17:30			13.3871	02-08-18 16:47	65957.2597	Other	NA	Electronic	13.3771	13.3871
USDZAR	03-08-18	09:32-11:30			13.4424	03-08-18 09:43	2638.290388	Other	NA	Electronic	13.4424	13.4521
USDZAR	03-08-18	11:30-11:32	13.3279	2638.290388								
USDZAR	03-08-18	13:32-15:30			13.3147	03-08-18 14:29	2638.290388	Other	NA	Electronic	13.3042	13.3147
USDZAR	03-08-18	15:32-17:30			13.2798	03-08-18 15:43	7914.871163	Other	NA	Electronic	13.2697	13.2798
USDZAR	06-08-18	09:32-11:30			13.4225	06-08-18 10:12	879.4301293	Other	NA	Electronic	13.4233	13.4324
USDZAR	06-08-18	11:32-13:30			13.4497	06-08-18 11:34	879.4301293	Other	NA	Electronic	13.44	13.4497
USDZAR	06-08-18	13:32-15:30			13.4586	06-08-18 13:53	5276.580776	Other	NA	Electronic	13.4586	13.4673

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	06-08-18	15:32-17:30			13.412	06-08-18 16:47	131914.5194	Other	NA	Electronic	13.4019	13.412
USDZAR	07-08-18	09:32-11:30			13.3529	07-08-18 10:01	8794.301293	Other	NA	Electronic	13.3433	13.3529
USDZAR	07-08-18	11:32-13:30			13.3486	07-08-18 11:38	17588.60259	Other	NA	Electronic	13.3389	13.3486
USDZAR	07-08-18	13:32-15:30			13.2923	07-08-18 13:55	13191.45194	Other	NA	Electronic	13.2826	13.2923
USDZAR	07-08-18	15:32-17:30			13.3161	07-08-18 15:38	879.4301293	Other	NA	Electronic	13.3061	13.3161
USDZAR	08-08-18	09:32-11:30			13.3812	08-08-18 09:43	1758.860259	Other	NA	Electronic	13.3716	13.3812
USDZAR	08-08-18	11:32-13:30			13.4116	08-08-18 11:36	2638.290388	Other	NA	Electronic	13.4116	13.4213
USDZAR	08-08-18	13:32-15:30			13.415	08-08-18 13:49	131914.5194	Other	NA	Electronic	13.415	13.4247
USDZAR	08-08-18	15:32-17:30			13.4258	08-08-18 16:17	131914.5194	Other	NA	Electronic	13.4258	13.4404
USDZAR	09-08-18	09:32-11:30			13.4673	09-08-18 10:20	2638.290388	Other	NA	Electronic	13.4536	13.4673
USDZAR	09-08-18	11:32-13:30			13.5044	09-08-18 12:08	879.4301293	Other	NA	Electronic	13.5044	13.5191
USDZAR	09-08-18	13:32-15:30			13.5283	09-08-18 13:42	879.4301293	Other	NA	Electronic	13.5283	13.5431
USDZAR	09-08-18	15:32-17:30			13.636	09-08-18 15:44	879.4301293	Other	NA	Electronic	13.636	13.6528
USDZAR	10-08-18	09:30-09:32	13.8483	26382.90388								
USDZAR	10-08-18	11:32-13:30			13.8857	10-08-18 11:51	1758.860259	Other	NA	Electronic	13.8857	13.9005

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	10-08-18	13:30-13:32	14.13235	5276.580776								
USDZAR	10-08-18	15:32-17:30			14.0856	10-08-18 15:47	17588.60259	Other	NA	Electronic	14.07	14.0856
USDZAR	13-08-18	09:32-11:30			14.4738	13-08-18 09:50	4397.150646	Other	NA	Electronic	14.4563	14.4738
USDZAR	13-08-18	11:32-13:30			14.494	13-08-18 11:38	879.4301293	Other	NA	Electronic	14.475	14.494
USDZAR	13-08-18	13:32-15:30			14.2984	13-08-18 13:35	2638.290388	Other	NA	Electronic	14.2797	14.2985
USDZAR	13-08-18	15:32-17:30			14.3444	13-08-18 15:35	879.4301293	Other	NA	Electronic	14.3444	14.3612
USDZAR	14-08-18	09:32-11:30			14.0996	14-08-18 10:08	8794.301293	Other	NA	Electronic	14.0821	14.0996
USDZAR	14-08-18	11:32-13:30			14.1513	14-08-18 11:54	7914.871163	Other	NA	Electronic	14.133	14.1513
USDZAR	14-08-18	13:32-15:30			14.156	14-08-18 13:32	879.4301293	Other	NA	Electronic	14.1388	14.156
USDZAR	14-08-18	15:30-15:32	14.2463	1758.860259								
USDZAR	15-08-18	09:32-11:30			14.4444	15-08-18 09:37	3517.720517	Other	NA	Electronic	14.4444	14.461
USDZAR	15-08-18	11:32-13:30			14.7069	15-08-18 11:36	879.4301293	Other	NA	Electronic	14.7069	14.7249
USDZAR	15-08-18	13:32-15:30			14.638	15-08-18 13:32	4397.150646	Other	NA	Electronic	14.638	14.655
USDZAR	15-08-18	15:32-17:30			14.5963	15-08-18 15:50	1758.860259	Other	NA	Electronic	14.5963	14.6124
USDZAR	16-08-18	09:32-11:30			14.5553	16-08-18 11:08	1758.860259	Other	NA	Electronic	14.5553	14.571

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	16-08-18	11:32-13:30			14.5423	16-08-18 11:52	8794.301293	Other	NA	Electronic	14.5423	14.5596
USDZAR	16-08-18	13:32-15:30			14.5036	16-08-18 13:58	879.4301293	Other	NA	Electronic	14.5036	14.5189
USDZAR	16-08-18	15:32-17:30			14.5672	16-08-18 16:18	879.4301293	Other	NA	Electronic	14.5672	14.5825
USDZAR	17-08-18	09:32-11:30			14.976	17-08-18 09:50	1758.860259	Other	NA	Electronic	14.9576	14.976
USDZAR	17-08-18	11:32-13:30			14.8624	17-08-18 11:32	1758.860259	Other	NA	Electronic	14.8624	14.8791
USDZAR	17-08-18	13:32-15:30			14.8173	17-08-18 13:41	8794.301293	Other	NA	Electronic	14.7992	14.8173
USDZAR	17-08-18	15:32-17:30			14.7717	17-08-18 15:45	8794.301293	Other	NA	Electronic	14.7717	14.787
USDZAR	20-08-18	09:32-11:30			14.5288	20-08-18 09:45	36056.6353	Other	NA	Electronic	14.5107	14.5288
USDZAR	20-08-18	11:32-13:30			14.532	20-08-18 11:45	43971.50646	Other	NA	Electronic	14.532	14.5462
USDZAR	20-08-18	13:32-15:30			14.5689	20-08-18 13:39	879.4301293	Other	NA	Electronic	14.5689	14.5842
USDZAR	20-08-18	15:32-17:30			14.6337	20-08-18 15:51	879.4301293	Other	NA	Electronic	14.6178	14.6337
USDZAR	21-08-18	09:32-11:30			14.391	21-08-18 09:44	2638.290388	Other	NA	Electronic	14.3904	14.407
USDZAR	21-08-18	11:32-13:30			14.4224	21-08-18 11:38	43971.50646	Other	NA	Electronic	14.4051	14.4224
USDZAR	21-08-18	13:32-15:30			14.406	21-08-18 13:33	879.4301293	Other	NA	Electronic	14.406	14.4234
USDZAR	21-08-18	15:32-17:30			14.3983	21-08-18 15:38	43971.50646	Other	NA	Electronic	14.383	14.3983

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	22-08-18	09:32-11:30			14.361	22-08-18 09:35	35177.20517	Other	NA	Electronic	14.361	14.3824
USDZAR	22-08-18	11:32-13:30			14.2799	22-08-18 11:42	43971.50646	Other	NA	Electronic	14.2799	14.2977
USDZAR	22-08-18	13:32-15:30			14.3247	22-08-18 14:43	2638.290388	Other	NA	Electronic	14.3247	14.3417
USDZAR	22-08-18	15:32-17:30			14.2163	22-08-18 15:41	1758.860259	Other	NA	Electronic	14.2163	14.2326
USDZAR	23-08-18	09:32-11:30			14.2958	23-08-18 09:44	1758.860259	Other	NA	Electronic	14.2937	14.3107
USDZAR	23-08-18	11:32-13:30			14.2321	23-08-18 11:42	11432.59168	Other	NA	Electronic	14.2151	14.2321
USDZAR	23-08-18	13:32-15:30			14.2233	23-08-18 13:53	8794.301293	Other	NA	Electronic	14.2233	14.2404
USDZAR	23-08-18	15:32-17:30			14.3244	23-08-18 15:40	8794.301293	Other	NA	Electronic	14.3077	14.3244
USDZAR	24-08-18	09:32-11:30			14.2941	24-08-18 10:30	43971.50646	Other	NA	Electronic	14.2777	14.2941
USDZAR	24-08-18	11:32-13:30			14.2383	24-08-18 11:42	5276.580776	Other	NA	Electronic	14.2226	14.2383
USDZAR	24-08-18	13:32-15:30			14.2599	24-08-18 13:48	879.4301293	Other	NA	Electronic	14.2444	14.2599
USDZAR	24-08-18	15:32-17:30			14.305	24-08-18 15:35	43971.50646	Other	NA	Electronic	14.305	14.3218
USDZAR	27-08-18	09:32-11:30			14.2739	27-08-18 09:41	879.4301293	Other	NA	Electronic	14.2739	14.2902
USDZAR	27-08-18	11:32-13:30			14.334	27-08-18 11:54	879.4301293	Other	NA	Electronic	14.334	14.3492
USDZAR	27-08-18	13:32-15:30			14.2198	27-08-18 13:48	43971.50646	Other	NA	Electronic	14.2044	14.2198

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	27-08-18	15:32-17:30			14.1276	27-08-18 15:33	879.4301293	Other	NA	Electronic	14.1276	14.1432
USDZAR	28-08-18	09:32-11:30			14.1299	28-08-18 09:58	27262.33401	Other	NA	Electronic	14.1299	14.1458
USDZAR	28-08-18	11:32-13:30			14.1535	28-08-18 11:42	879.4301293	Other	NA	Electronic	14.1535	14.1691
USDZAR	28-08-18	13:30-13:32	14.1472	87943.01293								
USDZAR	28-08-18	15:32-17:30			14.1534	28-08-18 15:42	879.4301293	Other	NA	Electronic	14.1338	14.1534
USDZAR	29-08-18	09:32-11:30			14.3844	29-08-18 09:37	879.4301293	Other	NA	Electronic	14.3844	14.4
USDZAR	29-08-18	11:32-13:30			14.4178	29-08-18 12:19	4397.150646	Other	NA	Electronic	14.4178	14.4334
USDZAR	29-08-18	13:32-15:30			14.4622	29-08-18 13:41	879.4301293	Other	NA	Electronic	14.4622	14.4784
USDZAR	29-08-18	15:32-17:30			14.4115	29-08-18 15:34	879.4301293	Other	NA	Electronic	14.3976	14.4115
USDZAR	30-08-18	09:32-11:30			14.582	30-08-18 09:39	3517.720517	Other	NA	Electronic	14.582	14.595
USDZAR	30-08-18	11:32-13:30			14.6244	30-08-18 11:42	879.4301293	Other	NA	Electronic	14.6106	14.6244
USDZAR	30-08-18	13:32-15:30			14.6371	30-08-18 13:42	29021.19427	Other	NA	Electronic	14.6371	14.6509
USDZAR	30-08-18	15:32-17:30			14.7413	30-08-18 15:33	6156.010905	Other	NA	Electronic	14.7413	14.7558
USDZAR	31-08-18	09:32-11:30			14.6729	31-08-18 09:34	43971.50646	Other	NA	Electronic	14.6729	14.6851
USDZAR	31-08-18	11:32-13:30			14.7642	31-08-18 11:45	2638.290388	Other	NA	Electronic	14.7498	14.7642



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	31-08-18	13:32-15:30			14.7199	31-08-18 13:40	879.4301293	Other	NA	Electronic	14.7199	14.7322
USDZAR	31-08-18	15:32-17:30			14.6726	31-08-18 15:32	2638.290388	Other	NA	Electronic	14.6726	14.6859
USDZAR	03-09-18	09:32-11:30			14.8433	03-09-18 09:45	879.4301293	Other	NA	Electronic	14.8287	14.8433
USDZAR	03-09-18	11:32-13:30			14.8338	03-09-18 11:52	2638.290388	Other	NA	Electronic	14.8208	14.8338
USDZAR	03-09-18	13:32-15:30			14.9048	03-09-18 14:01	879.4301293	Other	NA	Electronic	14.9048	14.9166
USDZAR	03-09-18	15:32-17:30			14.8141	03-09-18 15:39	4397.150646	Other	NA	Electronic	14.8141	14.8286
USDZAR	04-09-18	09:30-09:32	15.15038	342977.7504								
USDZAR	04-09-18	11:32-13:30			15.1714	04-09-18 11:45	4397.150646	Other	NA	Electronic	15.1714	15.1852
USDZAR	04-09-18	13:32-15:30			15.2987	04-09-18 13:33	43971.50646	Other	NA	Electronic	15.2987	15.3116
USDZAR	04-09-18	15:32-17:30			15.2626	04-09-18 15:34	879.4301293	Other	NA	Electronic	15.249	15.2626
USDZAR	05-09-18	09:32-11:30			15.6124	05-09-18 09:39	1758.860259	Other	NA	Electronic	15.599	15.6124
USDZAR	05-09-18	11:32-13:30			15.5465	05-09-18 11:59	3517.720517	Other	NA	Electronic	15.5327	15.5465
USDZAR	05-09-18	13:32-15:30			15.4388	05-09-18 14:51	879.4301293	Other	NA	Electronic	15.4259	15.4388
USDZAR	05-09-18	15:32-17:30			15.4662	05-09-18 15:43	43971.50646	Other	NA	Electronic	15.4551	15.4662
USDZAR	06-09-18	09:32-11:30			15.3366	06-09-18 09:37	2638.290388	Other	NA	Electronic	15.3237	15.3366

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	06-09-18	11:32-13:30			15.3316	06-09-18 11:45	1758.860259	Other	NA	Electronic	15.3184	15.3316
USDZAR	06-09-18	13:32-15:30			15.3393	06-09-18 14:08	4397.150646	Other	NA	Electronic	15.3393	15.3522
USDZAR	06-09-18	15:32-17:30			15.3277	06-09-18 16:01	6156.010905	Other	NA	Electronic	15.3127	15.3277
USDZAR	07-09-18	09:30-09:32	15.15415	12312.02181								
USDZAR	07-09-18	11:30-11:32	15.1302	5276.580776								
USDZAR	07-09-18	13:32-15:30			15.0997	07-09-18 13:32	4397.150646	Other	NA	Electronic	15.0997	15.1159
USDZAR	07-09-18	15:32-17:30			15.1509	07-09-18 15:55	4397.150646	Other	NA	Electronic	15.1369	15.1509
USDZAR	10-09-18	09:32-11:30			15.1554	10-09-18 09:58	43971.50646	Other	NA	Electronic	15.1429	15.1554
USDZAR	10-09-18	11:32-13:30			15.1883	10-09-18 11:58	879.4301293	Other	NA	Electronic	15.1762	15.1883
USDZAR	10-09-18	13:32-15:30			15.2059	10-09-18 14:12	8794.301293	Other	NA	Electronic	15.2059	15.2189
USDZAR	10-09-18	15:32-17:30			15.1975	10-09-18 16:11	1758.860259	Other	NA	Electronic	15.1975	15.2106
USDZAR	11-09-18	09:30-09:32	15.1132	879.4301293								
USDZAR	11-09-18	11:32-13:30			15.121	11-09-18 12:42	27262.33401	Other	NA	Electronic	15.1081	15.121
USDZAR	11-09-18	13:30-13:32	15.1788	2638.290388								
USDZAR	11-09-18	15:32-17:30			15.1198	11-09-18 16:20	4397.150646	Other	NA	Electronic	15.1051	15.1198

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	12-09-18	09:32-11:30			15.0793	12-09-18 09:59	879.4301293	Other	NA	Electronic	15.0793	15.0921
USDZAR	12-09-18	11:32-13:30			15.0667	12-09-18 11:34	879.4301293	Other	NA	Electronic	15.0667	15.0796
USDZAR	12-09-18	13:32-15:30			15.0168	12-09-18 13:32	879.4301293	Other	NA	Electronic	15.0168	15.0275
USDZAR	12-09-18	15:32-17:30			14.9257	12-09-18 15:33	67716.11995	Other	NA	Electronic	14.9257	14.9404
USDZAR	13-09-18	09:32-11:30			14.8908	13-09-18 10:00	879.4301293	Other	NA	Electronic	14.8787	14.8908
USDZAR	13-09-18	11:32-13:30			14.736	13-09-18 11:34	879.4301293	Other	NA	Electronic	14.7248	14.736
USDZAR	13-09-18	13:32-15:30			14.6386	13-09-18 13:50	879.4301293	Other	NA	Electronic	14.6386	14.6505
USDZAR	13-09-18	15:32-17:30			14.8113	13-09-18 15:49	2638.290388	Other	NA	Electronic	14.7988	14.8121
USDZAR	14-09-18	09:32-11:30			14.853	14-09-18 10:08	9673.731422	Other	NA	Electronic	14.8405	14.853
USDZAR	14-09-18	11:30-11:32	14.8413	8794.301293								
USDZAR	14-09-18	13:32-15:30			14.8666	14-09-18 13:49	879.4301293	Other	NA	Electronic	14.8537	14.8666
USDZAR	14-09-18	15:32-17:30			14.8627	14-09-18 15:42	879.4301293	Other	NA	Electronic	14.8627	14.8768
USDZAR	17-09-18	09:32-11:30			14.9976	17-09-18 09:35	879.4301293	Other	NA	Electronic	14.9976	15.0112
USDZAR	17-09-18	11:32-13:30			14.9653	17-09-18 12:07	43971.50646	Other	NA	Electronic	14.9528	14.9653
USDZAR	17-09-18	13:32-15:30			14.9189	17-09-18 13:33	879.4301293	Other	NA	Electronic	14.9189	14.9312

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	17-09-18	15:32-17:30			14.8932	17-09-18 16:18	879.4301293	Other	NA	Electronic	14.8754	14.8932
USDZAR	18-09-18	09:32-11:30			14.9523	18-09-18 10:38	43971.50646	Other	NA	Electronic	14.9523	14.9653
USDZAR	18-09-18	11:32-13:30			14.9124	18-09-18 12:05	4397.150646	Other	NA	Electronic	14.9124	14.924
USDZAR	18-09-18	13:32-15:30			14.8286	18-09-18 13:35	879.4301293	Other	NA	Electronic	14.8159	14.8286
USDZAR	18-09-18	15:32-17:30			14.8726	18-09-18 16:47	879.4301293	Other	NA	Electronic	14.8606	14.8726
USDZAR	19-09-18	09:32-11:30			14.7356	19-09-18 09:40	879.4301293	Other	NA	Electronic	14.7228	14.7356
USDZAR	19-09-18	11:30-11:32	14.6395	879.4301293								
USDZAR	19-09-18	13:32-15:30			14.6546	19-09-18 13:50	879.4301293	Other	NA	Electronic	14.6546	14.6675
USDZAR	20-09-18	11:32-13:30			14.4546	20-09-18 12:21	879.4301293	Other	NA	Electronic	14.4546	14.4676
USDZAR	20-09-18	13:30-13:32	14.4368	5276.580776								
USDZAR	20-09-18	15:32-17:30			14.4144	20-09-18 15:50	879.4301293	Other	NA	Electronic	14.4023	14.4144
USDZAR	21-09-18	09:32-11:30			14.2532	21-09-18 09:41	1758.860259	Other	NA	Electronic	14.2409	14.2532
USDZAR	21-09-18	11:32-13:30			14.3656	21-09-18 11:33	879.4301293	Other	NA	Electronic	14.3656	14.376
USDZAR	21-09-18	13:32-15:30			14.3935	21-09-18 13:58	8794.301293	Other	NA	Electronic	14.3935	14.4037
USDZAR	21-09-18	15:32-17:30			14.3019	21-09-18 15:54	13191.45194	Other	NA	Electronic	14.3019	14.3144

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	24-09-18	09:32-11:30			14.2875	24-09-18 09:36	8794.301293	Other	NA	Electronic	14.2793	14.2875
USDZAR	24-09-18	11:32-13:30			14.2488	24-09-18 11:38	1758.860259	Other	NA	Electronic	14.2376	14.2488
USDZAR	24-09-18	13:30-13:32	14.2042	1758.860259								
USDZAR	24-09-18	15:30-15:32	14.2567	879.4301293								
USDZAR	25-09-18	09:32-11:30			14.3539	25-09-18 10:14	8794.301293	Other	NA	Electronic	14.3539	14.3658
USDZAR	25-09-18	11:32-13:30			14.3702	25-09-18 12:20	4397.150646	Other	NA	Electronic	14.3702	14.3807
USDZAR	25-09-18	13:32-15:30			14.4476	25-09-18 13:37	1758.860259	Other	NA	Electronic	14.4366	14.4476
USDZAR	25-09-18	15:32-17:30			14.376	25-09-18 16:30	4397.150646	Other	NA	Electronic	14.3621	14.376
USDZAR	26-09-18	09:32-11:30			14.3021	26-09-18 09:43	8794.301293	Other	NA	Electronic	14.2901	14.3021
USDZAR	26-09-18	11:32-13:30			14.3127	26-09-18 12:08	879.4301293	Other	NA	Electronic	14.3022	14.3127
USDZAR	26-09-18	13:32-15:30			14.2742	26-09-18 13:43	8794.301293	Other	NA	Electronic	14.2742	14.2847
USDZAR	26-09-18	15:32-17:30			14.1564	26-09-18 15:58	879.4301293	Other	NA	Electronic	14.1564	14.1688
USDZAR	27-09-18	09:32-11:30			14.122	27-09-18 10:41	879.4301293	Other	NA	Electronic	14.1125	14.1232
USDZAR	27-09-18	11:32-13:30			14.1326	27-09-18 11:56	879.4301293	Other	NA	Electronic	14.1223	14.1326
USDZAR	27-09-18	13:32-15:30			14.1272	27-09-18 13:44	879.4301293	Other	NA	Electronic	14.1272	14.1382

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR	27-09-18	15:32-17:30			14.0627	27-09-18 15:33	8794.301293	Other	NA	Electronic	14.0627	14.0745
USDZAR	28-09-18	09:30-09:32	14.20388	8794.301293								
USDZAR	28-09-18	11:32-13:30			14.2355	28-09-18 11:45	3517.720517	Other	NA	Electronic	14.2252	14.2355
USDZAR	28-09-18	13:30-13:32	14.1476	879.4301293								
USDZAR	28-09-18	15:30-15:32	14.1228	1758.860259								
USDZAR.	02-07-18	11:32-13:30			13.8753	02-07-18 13:22	879.4301293	Other	NA	Electronic	13.8753	13.8818
USDZAR.	02-07-18	13:32-15:30			13.874	02-07-18 13:58	879.4301293	Other	NA	Electronic	13.8669	13.8736
USDZAR.	03-07-18	13:32-15:30			13.7222	03-07-18 13:34	35177.20517	Other	NA	Electronic	13.7222	13.7296
USDZAR.	03-07-18	15:32-17:30			13.7265	03-07-18 16:30	879.4301293	Other	NA	Electronic	13.7199	13.7265
USDZAR.	04-07-18	09:32-11:30			13.7104	04-07-18 10:05	8794.301293	Other	NA	Electronic	13.7104	13.717
USDZAR.	04-07-18	13:32-15:30			13.7037	04-07-18 13:34	8794.301293	Other	NA	Electronic	13.7037	13.7114
USDZAR.	04-07-18	15:32-17:30			13.7104	04-07-18 16:24	35177.20517	Other	NA	Electronic	13.7104	13.7242
USDZAR.	05-07-18	11:32-13:30			13.5548	05-07-18 12:37	43971.50646	Other	NA	Electronic	13.5488	13.5548
USDZAR.	06-07-18	09:32-11:30			13.5986	06-07-18 09:45	2638.290388	Other	NA	Electronic	13.5919	13.5986
USDZAR.	06-07-18	11:32-13:30			13.5914	06-07-18 12:30	43971.50646	Other	NA	Electronic	13.5669	13.5914

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR.	06-07-18	13:32-15:30			13.5278	06-07-18 14:15	879.4301293	Other	NA	Electronic	13.5211	13.5278
USDZAR.	06-07-18	15:32-17:30			13.5219	06-07-18 16:11	879.4301293	Other	NA	Electronic	13.5135	13.5219
USDZAR.	09-07-18	11:32-13:30			13.3046	09-07-18 12:14	43971.50646	Other	NA	Electronic	13.3042	13.3125
USDZAR.	09-07-18	15:32-17:30			13.3838	09-07-18 16:43	2638.290388	Other	NA	Electronic	13.3838	13.3903
USDZAR.	10-07-18	09:32-11:30			13.466	10-07-18 10:35	35177.20517	Other	NA	Electronic	13.4591	13.4659
USDZAR.	10-07-18	11:32-13:30			13.4415	10-07-18 12:03	879.4301293	Other	NA	Electronic	13.4342	13.4415
USDZAR.	10-07-18	13:32-15:30			13.3763	10-07-18 13:51	879.4301293	Other	NA	Electronic	13.3763	13.3837
USDZAR.	10-07-18	15:32-17:30			13.3314	10-07-18 15:51	879.4301293	Other	NA	Electronic	13.3314	13.3386
USDZAR.	11-07-18	11:32-13:30			13.4898	11-07-18 12:07	4397.150646	Other	NA	Electronic	13.4898	13.4971
USDZAR.	11-07-18	13:32-15:30			13.4268	11-07-18 13:40	879.4301293	Other	NA	Electronic	13.4206	13.4268
USDZAR.	11-07-18	15:32-17:30			13.4911	11-07-18 15:40	879.4301293	Other	NA	Electronic	13.4911	13.4981
USDZAR.	12-07-18	09:32-11:30			13.4609	12-07-18 10:15	879.4301293	Other	NA	Electronic	13.4609	13.4672
USDZAR.	12-07-18	11:32-13:30			13.4204	12-07-18 12:05	4397.150646	Other	NA	Electronic	13.4204	13.4267
USDZAR.	12-07-18	13:32-15:30			13.3484	12-07-18 14:36	4397.150646	Other	NA	Electronic	13.3484	13.3558
USDZAR.	12-07-18	15:32-17:30			13.2556	12-07-18 15:55	879.4301293	Other	NA	Electronic	13.2478	13.2563

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR.	13-07-18	09:32-11:30			13.3504	13-07-18 09:51	879.4301293	Other	NA	Electronic	13.3504	13.3571
USDZAR.	13-07-18	15:32-17:30			13.2907	13-07-18 15:56	1758.860259	Other	NA	Electronic	13.2838	13.2907
USDZAR.	16-07-18	09:32-11:30			13.2042	16-07-18 09:52	879.4301293	Other	NA	Electronic	13.1973	13.2042
USDZAR.	16-07-18	11:32-13:30			13.2061	16-07-18 12:44	8794.301293	Other	NA	Electronic	13.1994	13.2061
USDZAR.	16-07-18	13:32-15:30			13.2044	16-07-18 14:08	87943.01293	Other	NA	Electronic	13.1971	13.2044
USDZAR.	16-07-18	15:32-17:30			13.2322	16-07-18 16:07	879.4301293	Other	NA	Electronic	13.2322	13.2399
USDZAR.	18-07-18	11:32-13:30			13.3519	18-07-18 12:26	879.4301293	Other	NA	Electronic	13.3514	13.3578
USDZAR.	19-07-18	09:30-09:32	13.4271	4397.150646								
USDZAR.	19-07-18	11:32-13:30			13.508	19-07-18 13:27	4397.150646	Other	NA	Electronic	13.5003	13.508
USDZAR.	19-07-18	13:32-15:30			13.455	19-07-18 14:12	4397.150646	Other	NA	Electronic	13.455	13.4616
USDZAR.	19-07-18	15:32-17:30			13.5468	19-07-18 15:46	879.4301293	Other	NA	Electronic	13.5468	13.5533
USDZAR.	20-07-18	09:32-11:30			13.49	20-07-18 10:13	4397.150646	Other	NA	Electronic	13.4835	13.49
USDZAR.	23-07-18	13:32-15:30			13.5306	23-07-18 13:52	8794.301293	Other	NA	Electronic	13.5308	13.5374
USDZAR.	24-07-18	09:32-11:30			13.4629	24-07-18 09:54	879.4301293	Other	NA	Electronic	13.456	13.4629
USDZAR.	25-07-18	11:32-13:30			13.1922	25-07-18 12:56	879.4301293	Other	NA	Electronic	13.1853	13.1922



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR.	25-07-18	13:32-15:30			13.1651	25-07-18 13:35	8794.301293	Other	NA	Electronic	13.1582	13.1651
USDZAR.	27-07-18	09:32-11:30			13.2345	27-07-18 09:33	4397.150646	Other	NA	Electronic	13.2345	13.2414
USDZAR.	30-07-18	15:32-17:30			13.1761	30-07-18 16:16	4397.150646	Other	NA	Electronic	13.1689	13.1761
USDZAR.	31-07-18	11:32-13:30			13.1021	31-07-18 11:50	879.4301293	Other	NA	Electronic	13.0957	13.1031
USDZAR.	31-07-18	13:32-15:30			13.1102	31-07-18 13:39	879.4301293	Other	NA	Electronic	13.1032	13.1102
USDZAR.	31-07-18	15:32-17:30			13.1106	31-07-18 17:04	4397.150646	Other	NA	Electronic	13.1022	13.1106
USDZAR.	01-08-18	09:32-11:30			13.2817	01-08-18 09:59	7914.871163	Other	NA	Electronic	13.2748	13.2817
USDZAR.	01-08-18	11:32-13:30			13.2806	01-08-18 11:43	4397.150646	Other	NA	Electronic	13.2737	13.2806
USDZAR.	01-08-18	13:32-15:30			13.1959	01-08-18 15:06	2638.290388	Other	NA	Electronic	13.1887	13.1959
USDZAR.	01-08-18	15:32-17:30			13.2109	01-08-18 15:51	17588.60259	Other	NA	Electronic	13.2021	13.2111
USDZAR.	02-08-18	09:30-09:32	13.4305	31659.48465								
USDZAR.	02-08-18	11:32-13:30			13.4293	02-08-18 12:00	4397.150646	Other	NA	Electronic	13.4293	13.4367
USDZAR.	02-08-18	13:32-15:30			13.3788	02-08-18 13:37	4397.150646	Other	NA	Electronic	13.3788	13.3857
USDZAR.	02-08-18	15:32-17:30			13.381	02-08-18 16:59	879.4301293	Other	NA	Electronic	13.3737	13.381
USDZAR.	03-08-18	11:32-13:30			13.3344	03-08-18 12:55	2638.290388	Other	NA	Electronic	13.3344	13.3421

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR.	06-08-18	09:32-11:30			13.388	06-08-18 09:52	3517.720517	Other	NA	Electronic	13.388	13.3949
USDZAR.	06-08-18	11:32-13:30			13.4317	06-08-18 11:54	2638.290388	Other	NA	Electronic	13.4317	13.4386
USDZAR.	06-08-18	15:32-17:30			13.4151	06-08-18 16:16	879.4301293	Other	NA	Electronic	13.408	13.4151
USDZAR.	07-08-18	09:32-11:30			13.3663	07-08-18 10:12	879.4301293	Other	NA	Electronic	13.3586	13.3663
USDZAR.	07-08-18	13:32-15:30			13.2939	07-08-18 14:45	4397.150646	Other	NA	Electronic	13.2874	13.2938
USDZAR.	07-08-18	15:32-17:30			13.3505	07-08-18 17:21	3517.720517	Other	NA	Electronic	13.3412	13.3505
USDZAR.	08-08-18	11:32-13:30			13.4483	08-08-18 12:03	2638.290388	Other	NA	Electronic	13.4483	13.4552
USDZAR.	09-08-18	09:32-11:30			13.5043	09-08-18 10:54	879.4301293	Other	NA	Electronic	13.4926	13.5043
USDZAR.	09-08-18	15:32-17:30			13.6352	09-08-18 16:24	2638.290388	Other	NA	Electronic	13.6352	13.6471
USDZAR.	13-08-18	09:32-11:30			14.4249	13-08-18 09:39	4397.150646	Other	NA	Electronic	14.4247	14.4399
USDZAR.	13-08-18	11:32-13:30			14.3846	13-08-18 11:54	8794.301293	Other	NA	Electronic	14.3846	14.4059
USDZAR.	13-08-18	13:32-15:30			14.2356	13-08-18 13:42	8794.301293	Other	NA	Electronic	14.2356	14.2543
USDZAR.	13-08-18	15:32-17:30			14.4047	13-08-18 16:40	2638.290388	Other	NA	Electronic	14.3928	14.4047
USDZAR.	14-08-18	09:32-11:30			14.1219	14-08-18 10:18	11432.59168	Other	NA	Electronic	14.1011	14.1219
USDZAR.	14-08-18	11:32-13:30			14.1596	14-08-18 11:51	879.4301293	Other	NA	Electronic	14.1407	14.1596

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZAR.	14-08-18	13:32-15:30			14.2009	14-08-18 14:43	879.4301293	Other	NA	Electronic	14.2009	14.2119
USDZAR.	15-08-18	09:32-11:30			14.4227	15-08-18 09:42	879.4301293	Other	NA	Electronic	14.4227	14.4347
USDZAR.	15-08-18	11:32-13:30			14.7301	15-08-18 11:32	879.4301293	Other	NA	Electronic	14.7313	14.7423
USDZAR.	15-08-18	13:32-15:30			14.6402	15-08-18 13:33	879.4301293	Other	NA	Electronic	14.6402	14.6542
USDZAR.	15-08-18	15:32-17:30			14.6402	15-08-18 15:35	879.4301293	Other	NA	Electronic	14.6271	14.6402
USDZAR.	16-08-18	09:32-11:30			14.5368	16-08-18 09:33	6156.010905	Other	NA	Electronic	14.5243	14.5368
USDZAR.	16-08-18	11:32-13:30			14.6085	16-08-18 12:09	13191.45194	Other	NA	Electronic	14.5952	14.6085
USDZAR.	16-08-18	13:32-15:30			14.5432	16-08-18 13:37	879.4301293	Other	NA	Electronic	14.5292	14.5432
USDZAR.	16-08-18	15:32-17:30			14.6437	16-08-18 16:37	13191.45194	Other	NA	Electronic	14.63	14.6437
USDZAR.	17-08-18	09:32-11:30			14.9849	17-08-18 10:09	879.4301293	Other	NA	Electronic	14.9849	15.0011
USDZAR.	17-08-18	11:32-13:30			14.9699	17-08-18 12:07	13191.45194	Other	NA	Electronic	14.946	14.9699
USDZAR.	17-08-18	13:32-15:30			14.7791	17-08-18 15:19	879.4301293	Other	NA	Electronic	14.7671	14.7791
USDZAR.	21-08-18	11:32-13:30			14.4783	21-08-18 12:29	1758.860259	Other	NA	Electronic	14.4643	14.4783
USDZAR.	22-08-18	09:32-11:30			14.3849	22-08-18 09:53	879.4301293	Other	NA	Electronic	14.3717	14.3849
USDZAR.	22-08-18	11:32-13:30			14.2977	22-08-18 12:02	879.4301293	Other	NA	Electronic	14.2855	14.2977

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USDZAR.	23-08-18	11:32-13:30			14.2307	23-08-18 11:44	9673.731422	Other	NA	Electronic	14.217	14.2307
USDZAR.	23-08-18	13:32-15:30			14.2831	23-08-18 15:00	9673.731422	Other	NA	Electronic	14.2831	14.2913
USDZAR.	23-08-18	15:32-17:30			14.3734	23-08-18 17:21	13191.45194	Other	NA	Electronic	14.3746	14.3885
USDZAR.	24-08-18	09:32-11:30			14.3141	24-08-18 09:44	879.4301293	Other	NA	Electronic	14.3141	14.3275
USDZAR.	24-08-18	11:32-13:30			14.2619	24-08-18 12:01	13191.45194	Other	NA	Electronic	14.2489	14.2619
USDZAR.	24-08-18	13:32-15:30			14.1951	24-08-18 14:05	13191.45194	Other	NA	Electronic	14.1951	14.2094
USDZAR.	27-08-18	09:32-11:30			14.3232	27-08-18 11:09	6156.010905	Other	NA	Electronic	14.3232	14.3369
USDZAR.	27-08-18	11:32-13:30			14.27	27-08-18 12:26	14950.3122	Other	NA	Electronic	14.2578	14.27
USDZAR.	27-08-18	13:32-15:30			14.1486	27-08-18 14:30	14950.3122	Other	NA	Electronic	14.1486	14.1597
USDZAR.	27-08-18	15:32-17:30			14.111	27-08-18 15:37	9673.731422	Other	NA	Electronic	14.111	14.1236
USDZAR.	28-08-18	11:32-13:30			14.1368	28-08-18 12:06	7914.871163	Other	NA	Electronic	14.1368	14.1489
USDZAR.	28-08-18	15:32-17:30			14.1369	28-08-18 16:10	7914.871163	Other	NA	Electronic	14.1237	14.1369
USDZAR.	29-08-18	11:32-13:30			14.3885	29-08-18 11:55	879.4301293	Other	NA	Electronic	14.3767	14.3885
USDZAR.	30-08-18	11:32-13:30			14.5865	30-08-18 11:57	5276.580776	Other	NA	Electronic	14.5778	14.5865
USDZAR.	30-08-18	13:32-15:30			14.6532	30-08-18 13:35	23744.61349	Other	NA	Electronic	14.6532	14.6644

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USDZAR.	03-09-18	09:32-11:30			14.7893	03-09-18 09:41	879.4301293	Other	NA	Electronic	14.7893	14.7997
USDZAR.	03-09-18	13:32-15:30			14.8954	03-09-18 13:52	8794.301293	Other	NA	Electronic	14.8954	14.9111
USDZAR.	04-09-18	09:30-09:32	15.1139	1758.860259								
USDZAR.	04-09-18	11:32-13:30			15.1831	04-09-18 11:55	879.4301293	Other	NA	Electronic	15.1831	15.1931
USDZAR.	04-09-18	13:32-15:30			15.2798	04-09-18 13:42	879.4301293	Other	NA	Electronic	15.2798	15.2917
USDZAR.	04-09-18	15:32-17:30			15.2952	04-09-18 16:06	4397.150646	Other	NA	Electronic	15.2952	15.3069
USDZAR.	14-09-18	09:32-11:30			14.872	14-09-18 10:12	879.4301293	Other	NA	Electronic	14.8627	14.872
USDZAR.	17-09-18	11:32-13:30			14.9635	17-09-18 12:06	879.4301293	Other	NA	Electronic	14.9635	14.9733
USDZAR.	17-09-18	13:32-15:30			14.8786	17-09-18 14:20	879.4301293	Other	NA	Electronic	14.8786	14.8883
USDZAR.	18-09-18	11:32-13:30			14.8484	18-09-18 13:26	87943.01293	Other	NA	Electronic	14.8484	14.8566
USDZAR.	18-09-18	13:32-15:30			14.8467	18-09-18 14:10	4397.150646	Other	NA	Electronic	14.8467	14.8562
USDZAR.	18-09-18	15:32-17:30			14.8287	18-09-18 15:42	4397.150646	Other	NA	Electronic	14.8224	14.8287
USDZAR.	19-09-18	11:32-13:30			14.6301	19-09-18 12:31	87943.01293	Other	NA	Electronic	14.6301	14.6395
USDZAR.	28-09-18	11:32-13:30			14.2264	28-09-18 11:46	879.4301293	Other	NA	Electronic	14.2264	14.2337
USDZARmicro	02-07-18	09:32-11:30			13.817	02-07-18 10:06	8882.244306	Other	NA	Electronic	13.8075	13.817

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USDZARmicro	02-07-18	11:32-13:30			13.8193	02-07-18 11:32	263.8290388	Other	NA	Electronic	13.8097	13.8193
USDZARmicro	02-07-18	13:32-15:30			13.895	02-07-18 13:33	13191.45194	Other	NA	Electronic	13.895	13.9045
USDZARmicro	02-07-18	15:32-17:30			13.9004	02-07-18 16:15	307.8005452	Other	NA	Electronic	13.8999	13.9097
USDZARmicro	03-07-18	09:32-11:30			13.7333	03-07-18 09:44	2638.290388	Other	NA	Electronic	13.7333	13.7435
USDZARmicro	03-07-18	11:32-13:30			13.6997	03-07-18 11:42	439.7150646	Other	NA	Electronic	13.6997	13.7097
USDZARmicro	03-07-18	13:32-15:30			13.7341	03-07-18 13:54	1046.521854	Other	NA	Electronic	13.7235	13.734
USDZARmicro	03-07-18	15:30-15:32	13.6761	2778.999209								
USDZARmicro	04-07-18	09:32-11:30			13.707	04-07-18 09:46	8.794301293	Other	NA	Electronic	13.6975	13.707
USDZARmicro	04-07-18	11:32-13:30			13.7125	04-07-18 11:37	96.73731422	Other	NA	Electronic	13.7125	13.7218
USDZARmicro	04-07-18	13:32-15:30			13.7036	04-07-18 13:45	3781.549556	Other	NA	Electronic	13.7036	13.7146
USDZARmicro	04-07-18	15:32-17:30			13.7446	04-07-18 15:32	87.94301293	Other	NA	Electronic	13.7337	13.7446
USDZARmicro	05-07-18	09:32-11:30			13.6761	05-07-18 10:30	8.794301293	Other	NA	Electronic	13.6761	13.6856
USDZARmicro	05-07-18	11:32-13:30			13.5972	05-07-18 12:00	1758.860259	Other	NA	Electronic	13.5975	13.6069
USDZARmicro	05-07-18	13:32-15:30			13.5946	05-07-18 13:41	4397.150646	Other	NA	Electronic	13.5851	13.5946
USDZARmicro	05-07-18	15:32-17:30			13.5758	05-07-18 15:33	35.17720517	Other	NA	Electronic	13.5649	13.5758

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	06-07-18	09:32-11:30			13.5861	06-07-18 11:14	879.4301293	Other	NA	Electronic	13.5861	13.5955
USDZARmicro	06-07-18	11:32-13:30			13.6103	06-07-18 12:03	439.7150646	Other	NA	Electronic	13.6008	13.6103
USDZARmicro	06-07-18	13:30-13:32	13.4914	89701.87319								
USDZARmicro	06-07-18	15:32-17:30			13.4678	06-07-18 15:34	8.794301293	Other	NA	Electronic	13.4678	13.4779
USDZARmicro	09-07-18	09:32-11:30			13.4068	09-07-18 09:50	15829.74233	Other	NA	Electronic	13.3974	13.4068
USDZARmicro	09-07-18	11:30-11:32	13.3862	87.94301293								
USDZARmicro	09-07-18	13:30-13:32	13.3468	43.97150646								
USDZARmicro	09-07-18	15:32-17:30			13.3807	09-07-18 16:52	43.97150646	Other	NA	Electronic	13.3807	13.3904
USDZARmicro	10-07-18	09:32-11:30			13.4717	10-07-18 09:34	87.94301293	Other	NA	Electronic	13.4615	13.4717
USDZARmicro	10-07-18	11:32-13:30			13.4527	10-07-18 11:42	211.063231	Other	NA	Electronic	13.4428	13.4529
USDZARmicro	10-07-18	13:32-15:30			13.3861	10-07-18 13:36	879.4301293	Other	NA	Electronic	13.3756	13.3861
USDZARmicro	10-07-18	15:32-17:30			13.3297	10-07-18 15:50	879.4301293	Other	NA	Electronic	13.3297	13.3398
USDZARmicro	11-07-18	09:32-11:30			13.4795	11-07-18 09:50	43.97150646	Other	NA	Electronic	13.47	13.4795
USDZARmicro	11-07-18	11:32-13:30			13.4983	11-07-18 11:56	175.8860259	Other	NA	Electronic	13.4888	13.4983
USDZARmicro	11-07-18	13:32-15:30			13.4197	11-07-18 13:37	87.94301293	Other	NA	Electronic	13.4091	13.4197

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	11-07-18	15:32-17:30			13.4816	11-07-18 15:41	43.97150646	Other	NA	Electronic	13.4714	13.4813
USDZARmicro	12-07-18	09:30-09:32	13.4664	15829.74233								
USDZARmicro	12-07-18	11:30-11:32	13.43805	33506.28793								
USDZARmicro	12-07-18	13:32-15:30			13.3938	12-07-18 13:34	1758.860259	Other	NA	Electronic	13.3847	13.3938
USDZARmicro	12-07-18	15:32-17:30			13.2652	12-07-18 15:55	175.8860259	Other	NA	Electronic	13.2573	13.2664
USDZARmicro	13-07-18	09:32-11:30			13.3621	13-07-18 09:50	43.97150646	Other	NA	Electronic	13.3529	13.3623
USDZARmicro	13-07-18	11:32-13:30			13.3529	13-07-18 11:41	43.97150646	Other	NA	Electronic	13.3533	13.3627
USDZARmicro	13-07-18	13:32-15:30			13.3375	13-07-18 13:54	17676.5456	Other	NA	Electronic	13.3279	13.3375
USDZARmicro	13-07-18	15:32-17:30			13.2925	13-07-18 15:48	439.7150646	Other	NA	Electronic	13.2821	13.293
USDZARmicro	16-07-18	09:32-11:30			13.1913	16-07-18 09:47	8882.244306	Other	NA	Electronic	13.1913	13.2013
USDZARmicro	16-07-18	11:32-13:30			13.1931	16-07-18 11:36	219.8575323	Other	NA	Electronic	13.184	13.1933
USDZARmicro	16-07-18	13:32-15:30			13.207	16-07-18 13:47	43.97150646	Other	NA	Electronic	13.197	13.2072
USDZARmicro	16-07-18	15:32-17:30			13.2321	16-07-18 16:07	131.9145194	Other	NA	Electronic	13.2223	13.232
USDZARmicro	17-07-18	09:32-11:30			13.2421	17-07-18 09:41	8.794301293	Other	NA	Electronic	13.2327	13.2421
USDZARmicro	17-07-18	11:32-13:30			13.2584	17-07-18 12:29	5276.580776	Other	NA	Electronic	13.2489	13.2584



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	17-07-18	13:32-15:30			13.248	17-07-18 13:38	351.7720517	Other	NA	Electronic	13.239	13.248
USDZARmicro	17-07-18	15:32-17:30			13.1989	17-07-18 15:33	351.7720517	Other	NA	Electronic	13.1989	13.2096
USDZARmicro	18-07-18	09:32-11:30			13.3232	18-07-18 09:53	263.8290388	Other	NA	Electronic	13.3137	13.3232
USDZARmicro	18-07-18	11:32-13:30			13.3101	18-07-18 11:33	879.4301293	Other	NA	Electronic	13.3101	13.32
USDZARmicro	18-07-18	13:32-15:30			13.2863	18-07-18 14:47	87.94301293	Other	NA	Electronic	13.2863	13.2958
USDZARmicro	18-07-18	15:32-17:30			13.2813	18-07-18 15:44	131.9145194	Other	NA	Electronic	13.2708	13.2813
USDZARmicro	19-07-18	09:30-09:32	13.4402	43.97150646								
USDZARmicro	19-07-18	11:32-13:30			13.4467	19-07-18 12:07	439.7150646	Other	NA	Electronic	13.4467	13.4574
USDZARmicro	19-07-18	13:32-15:30			13.4839	19-07-18 13:32	38694.92569	Other	NA	Electronic	13.4737	13.4839
USDZARmicro	19-07-18	15:32-17:30			13.5493	19-07-18 15:41	2198.575323	Other	NA	Electronic	13.5395	13.5493
USDZARmicro	20-07-18	09:32-11:30			13.4596	20-07-18 09:46	8.794301293	Other	NA	Electronic	13.4596	13.469
USDZARmicro	20-07-18	11:32-13:30			13.4675	20-07-18 12:10	8.794301293	Other	NA	Electronic	13.4581	13.4675
USDZARmicro	20-07-18	13:32-15:30			13.4255	20-07-18 13:40	1758.860259	Other	NA	Electronic	13.4255	13.4353
USDZARmicro	20-07-18	15:32-17:30			13.455	20-07-18 17:20	87943.01293	Other	NA	Electronic	13.455	13.4672
USDZARmicro	23-07-18	09:30-09:32	13.5289	19347.46284								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	23-07-18	11:32-13:30			13.5034	23-07-18 12:22	1758.860259	Other	NA	Electronic	13.4942	13.5034
USDZARmicro	23-07-18	13:30-13:32	13.5353	1758.860259								
USDZARmicro	23-07-18	15:32-17:30			13.5167	23-07-18 15:37	13191.45194	Other	NA	Electronic	13.5167	13.5256
USDZARmicro	24-07-18	09:32-11:30			13.4214	24-07-18 10:05	87.94301293	Other	NA	Electronic	13.4214	13.4304
USDZARmicro	24-07-18	11:32-13:30			13.2882	24-07-18 11:58	26382.90388	Other	NA	Electronic	13.2776	13.2882
USDZARmicro	24-07-18	15:32-17:30			13.3333	24-07-18 16:00	13191.45194	Other	NA	Electronic	13.3236	13.3333
USDZARmicro	25-07-18	09:32-11:30			13.2301	25-07-18 09:38	879.4301293	Other	NA	Electronic	13.2204	13.2301
USDZARmicro	25-07-18	11:30-11:32	13.2474	4405.944948								
USDZARmicro	25-07-18	13:32-15:30			13.1594	25-07-18 13:34	290.2119427	Other	NA	Electronic	13.1595	13.1696
USDZARmicro	25-07-18	15:32-17:30			13.2173	25-07-18 15:41	87.94301293	Other	NA	Electronic	13.2064	13.2173
USDZARmicro	26-07-18	09:32-11:30			13.1624	26-07-18 10:09	87.94301293	Other	NA	Electronic	13.1624	13.1721
USDZARmicro	26-07-18	11:32-13:30			13.1924	26-07-18 11:40	131.9145194	Other	NA	Electronic	13.1924	13.2012
USDZARmicro	26-07-18	13:32-15:30			13.201	26-07-18 13:32	879.4301293	Other	NA	Electronic	13.201	13.2107
USDZARmicro	26-07-18	15:32-17:30			13.2445	26-07-18 16:02	87.94301293	Other	NA	Electronic	13.2445	13.2545
USDZARmicro	27-07-18	09:32-11:30			13.2475	27-07-18 09:38	202.2689297	Other	NA	Electronic	13.2474	13.2571

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	27-07-18	11:32-13:30			13.23	27-07-18 11:44	263.8290388	Other	NA	Electronic	13.23	13.2397
USDZARmicro	27-07-18	13:32-15:30			13.1919	27-07-18 14:01	87.94301293	Other	NA	Electronic	13.1829	13.1921
USDZARmicro	27-07-18	15:32-17:30			13.1929	27-07-18 16:05	175.8860259	Other	NA	Electronic	13.1828	13.1928
USDZARmicro	30-07-18	09:32-11:30			13.1916	30-07-18 09:43	175.8860259	Other	NA	Electronic	13.182	13.1916
USDZARmicro	30-07-18	11:32-13:30			13.181	30-07-18 12:32	1758.860259	Other	NA	Electronic	13.181	13.1907
USDZARmicro	30-07-18	13:30-13:32	13.16017	193.4746284								
USDZARmicro	30-07-18	15:32-17:30			13.1561	30-07-18 16:13	87.94301293	Other	NA	Electronic	13.1561	13.1661
USDZARmicro	31-07-18	09:32-11:30			13.1436	31-07-18 09:34	43.97150646	Other	NA	Electronic	13.1339	13.1436
USDZARmicro	31-07-18	11:32-13:30			13.0971	31-07-18 11:43	879.4301293	Other	NA	Electronic	13.0968	13.1072
USDZARmicro	31-07-18	13:30-13:32	13.1436	1064.110456								
USDZARmicro	31-07-18	15:32-17:30			13.1112	31-07-18 15:41	263.8290388	Other	NA	Electronic	13.1012	13.1112
USDZARmicro	01-08-18	09:32-11:30			13.3077	01-08-18 09:34	439.7150646	Other	NA	Electronic	13.3075	13.318
USDZARmicro	01-08-18	11:32-13:30			13.2787	01-08-18 11:45	1758.860259	Other	NA	Electronic	13.2787	13.2892
USDZARmicro	01-08-18	13:30-13:32	13.21375	8882.244306								
USDZARmicro	01-08-18	15:32-17:30			13.2029	01-08-18 15:44	879.4301293	Other	NA	Electronic	13.1928	13.2029

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	02-08-18	09:30-09:32	13.445	90335.06288								
USDZARmicro	02-08-18	11:32-13:30			13.4509	02-08-18 11:34	175.8860259	Other	NA	Electronic	13.4404	13.4509
USDZARmicro	02-08-18	13:32-15:30			13.3783	02-08-18 13:43	8.794301293	Other	NA	Electronic	13.3691	13.3788
USDZARmicro	02-08-18	15:32-17:30			13.4023	02-08-18 15:39	3517.720517	Other	NA	Electronic	13.3922	13.4023
USDZARmicro	03-08-18	09:32-11:30			13.4258	03-08-18 10:15	8.794301293	Other	NA	Electronic	13.414	13.4258
USDZARmicro	03-08-18	11:32-13:30			13.3488	03-08-18 11:59	87.94301293	Other	NA	Electronic	13.3389	13.3488
USDZARmicro	03-08-18	13:32-15:30			13.3898	03-08-18 13:32	879.4301293	Other	NA	Electronic	13.3785	13.3898
USDZARmicro	03-08-18	15:32-17:30			13.2869	03-08-18 15:35	879.4301293	Other	NA	Electronic	13.2768	13.2869
USDZARmicro	06-08-18	09:32-11:30			13.3899	06-08-18 09:45	87.94301293	Other	NA	Electronic	13.3899	13.3996
USDZARmicro	06-08-18	11:32-13:30			13.4013	06-08-18 12:00	439.7150646	Other	NA	Electronic	13.4013	13.4117
USDZARmicro	06-08-18	13:32-15:30			13.4532	06-08-18 13:47	87.94301293	Other	NA	Electronic	13.4532	13.4629
USDZARmicro	06-08-18	15:32-17:30			13.3938	06-08-18 15:42	527.6580776	Other	NA	Electronic	13.3846	13.3938
USDZARmicro	07-08-18	09:32-11:30			13.3532	07-08-18 10:01	879.4301293	Other	NA	Electronic	13.3435	13.3532
USDZARmicro	07-08-18	11:32-13:30			13.3107	07-08-18 12:51	395.7435582	Other	NA	Electronic	13.301	13.3107
USDZARmicro	07-08-18	13:30-13:32	13.2999	87.94301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	07-08-18	15:32-17:30			13.3233	07-08-18 15:44	1319.145194	Other	NA	Electronic	13.3133	13.3233
USDZARmicro	08-08-18	09:32-11:30			13.3676	08-08-18 09:32	1319.145194	Other	NA	Electronic	13.3676	13.377
USDZARmicro	08-08-18	11:32-13:30			13.4175	08-08-18 11:40	527.6580776	Other	NA	Electronic	13.4175	13.4272
USDZARmicro	08-08-18	13:32-15:30			13.4158	08-08-18 13:32	439.7150646	Other	NA	Electronic	13.4158	13.4255
USDZARmicro	08-08-18	15:32-17:30			13.4226	08-08-18 15:41	8.794301293	Other	NA	Electronic	13.4077	13.4226
USDZARmicro	09-08-18	09:32-11:30			13.4585	09-08-18 10:12	263.8290388	Other	NA	Electronic	13.4585	13.4731
USDZARmicro	09-08-18	11:32-13:30			13.505	09-08-18 11:52	263.8290388	Other	NA	Electronic	13.505	13.5188
USDZARmicro	09-08-18	13:32-15:30			13.5411	09-08-18 13:52	87.94301293	Other	NA	Electronic	13.5263	13.5411
USDZARmicro	09-08-18	15:32-17:30			13.67	09-08-18 15:54	2198.575323	Other	NA	Electronic	13.6538	13.67
USDZARmicro	10-08-18	09:32-11:30			13.9032	10-08-18 11:12	263.8290388	Other	NA	Electronic	13.8857	13.9032
USDZARmicro	10-08-18	11:32-13:30			13.8549	10-08-18 12:19	263.8290388	Other	NA	Electronic	13.8549	13.873
USDZARmicro	10-08-18	13:32-15:30			14.104	10-08-18 13:36	791.4871163	Other	NA	Electronic	14.104	14.1224
USDZARmicro	10-08-18	15:32-17:30			14.059	10-08-18 16:06	219.8575323	Other	NA	Electronic	14.059	14.0758
USDZARmicro	13-08-18	09:32-11:30			14.4604	13-08-18 09:37	1758.860259	Other	NA	Electronic	14.4429	14.4604
USDZARmicro	13-08-18	11:32-13:30			14.4888	13-08-18 11:37	131.9145194	Other	NA	Electronic	14.4888	14.5069

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	13-08-18	13:30-13:32	14.31888	1670.917246								
USDZARmicro	13-08-18	15:30-15:32	14.3271	43.97150646								
USDZARmicro	14-08-18	09:32-11:30			14.0918	14-08-18 09:35	439.7150646	Other	NA	Electronic	14.0748	14.0918
USDZARmicro	14-08-18	11:32-13:30			14.1789	14-08-18 11:36	8794.301293	Other	NA	Electronic	14.1615	14.1789
USDZARmicro	14-08-18	13:30-13:32	14.15084	1495.03122								
USDZARmicro	14-08-18	15:30-15:32	14.2511	26.38290388								
USDZARmicro	15-08-18	09:30-09:32	14.4584	879.4301293								
USDZARmicro	15-08-18	11:32-13:30			14.7504	15-08-18 11:32	8794.301293	Other	NA	Electronic	14.7336	14.7504
USDZARmicro	15-08-18	13:32-15:30			14.6271	15-08-18 13:37	351.7720517	Other	NA	Electronic	14.6271	14.6448
USDZARmicro	15-08-18	15:30-15:32	14.6176	17588.60259								
USDZARmicro	16-08-18	09:30-09:32	14.5225	43.97150646								
USDZARmicro	16-08-18	11:32-13:30			14.5427	16-08-18 11:38	263.8290388	Other	NA	Electronic	14.5271	14.5427
USDZARmicro	16-08-18	13:32-15:30			14.51	16-08-18 13:44	17588.60259	Other	NA	Electronic	14.51	14.5274
USDZARmicro	16-08-18	15:32-17:30			14.5627	16-08-18 15:39	17588.60259	Other	NA	Electronic	14.5627	14.5789
USDZARmicro	17-08-18	09:30-09:32	14.93445	17588.60259								

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	17-08-18	11:32-13:30			14.8474	17-08-18 11:38	87.94301293	Other	NA	Electronic	14.8474	14.8653
USDZARmicro	17-08-18	13:32-15:30			14.8115	17-08-18 13:39	395.7435582	Other	NA	Electronic	14.8115	14.8287
USDZARmicro	17-08-18	15:30-15:32	14.79373	52.76580776								
USDZARmicro	20-08-18	09:30-09:32	14.521	87.94301293								
USDZARmicro	20-08-18	11:32-13:30			14.545	20-08-18 11:33	879.4301293	Other	NA	Electronic	14.545	14.5612
USDZARmicro	20-08-18	13:32-15:30			14.5655	20-08-18 13:37	1846.803271	Other	NA	Electronic	14.5655	14.5828
USDZARmicro	20-08-18	15:32-17:30			14.64	20-08-18 15:55	87943.01293	Other	NA	Electronic	14.6216	14.6391
USDZARmicro	21-08-18	09:32-11:30			14.4186	21-08-18 09:39	2638.290388	Other	NA	Electronic	14.4019	14.4186
USDZARmicro	21-08-18	11:32-13:30			14.4317	21-08-18 11:52	87.94301293	Other	NA	Electronic	14.4138	14.4317
USDZARmicro	21-08-18	13:32-15:30			14.3802	21-08-18 13:50	8.794301293	Other	NA	Electronic	14.3807	14.4
USDZARmicro	21-08-18	15:32-17:30			14.3873	21-08-18 15:34	43.97150646	Other	NA	Electronic	14.3873	14.4026
USDZARmicro	22-08-18	09:30-09:32	14.4062	439.7150646								
USDZARmicro	22-08-18	11:32-13:30			14.3018	22-08-18 11:37	351.7720517	Other	NA	Electronic	14.2849	14.3018
USDZARmicro	22-08-18	13:30-13:32	14.37576	1011.344649								
USDZARmicro	22-08-18	15:30-15:32	14.2859	105.5316155								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	23-08-18	09:32-11:30			14.2874	23-08-18 09:49	43.97150646	Other	NA	Electronic	14.2874	14.303
USDZARmicro	23-08-18	11:32-13:30			14.2423	23-08-18 12:03	87.94301293	Other	NA	Electronic	14.2252	14.2423
USDZARmicro	23-08-18	13:32-15:30			14.2651	23-08-18 13:41	545.2466802	Other	NA	Electronic	14.2651	14.2819
USDZARmicro	23-08-18	15:30-15:32	14.2934	1090.49336								
USDZARmicro	24-08-18	09:32-11:30			14.3244	24-08-18 09:57	879.4301293	Other	NA	Electronic	14.3088	14.3244
USDZARmicro	24-08-18	11:32-13:30			14.2375	24-08-18 11:42	967.3731422	Other	NA	Electronic	14.2209	14.2375
USDZARmicro	24-08-18	13:32-15:30			14.2474	24-08-18 13:32	105.5316155	Other	NA	Electronic	14.2307	14.2474
USDZARmicro	24-08-18	15:32-17:30			14.3011	24-08-18 15:38	87.94301293	Other	NA	Electronic	14.3011	14.3185
USDZARmicro	27-08-18	09:32-11:30			14.2774	27-08-18 09:36	131.9145194	Other	NA	Electronic	14.2774	14.2947
USDZARmicro	27-08-18	11:32-13:30			14.3119	27-08-18 12:15	8.794301293	Other	NA	Electronic	14.2964	14.3119
USDZARmicro	27-08-18	13:32-15:30			14.234	27-08-18 13:33	263.8290388	Other	NA	Electronic	14.2184	14.234
USDZARmicro	27-08-18	15:32-17:30			14.1512	27-08-18 16:02	87.94301293	Other	NA	Electronic	14.1357	14.1512
USDZARmicro	28-08-18	09:32-11:30			14.1357	28-08-18 09:59	175.8860259	Other	NA	Electronic	14.1357	14.1512
USDZARmicro	28-08-18	11:32-13:30			14.1712	28-08-18 12:24	87.94301293	Other	NA	Electronic	14.1553	14.1712
USDZARmicro	28-08-18	13:32-15:30			14.1292	28-08-18 13:39	721.132706	Other	NA	Electronic	14.1292	14.145



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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	28-08-18	15:32-17:30			14.1607	28-08-18 15:35	4405.944948	Other	NA	Electronic	14.142	14.1607
USDZARmicro	29-08-18	09:32-11:30			14.3493	29-08-18 10:17	439.7150646	Other	NA	Electronic	14.3493	14.3649
USDZARmicro	29-08-18	11:32-13:30			14.4145	29-08-18 12:11	8794.301293	Other	NA	Electronic	14.4145	14.43
USDZARmicro	29-08-18	13:32-15:30			14.4585	29-08-18 13:41	17.58860259	Other	NA	Electronic	14.4585	14.4749
USDZARmicro	29-08-18	15:32-17:30			14.3425	29-08-18 16:03	483.6865711	Other	NA	Electronic	14.326	14.3425
USDZARmicro	30-08-18	09:32-11:30			14.6207	30-08-18 09:35	87.94301293	Other	NA	Electronic	14.6069	14.6207
USDZARmicro	30-08-18	11:30-11:32	14.6333	1160.847771								
USDZARmicro	30-08-18	13:32-15:30			14.6495	30-08-18 13:33	96.73731422	Other	NA	Electronic	14.6495	14.6625
USDZARmicro	30-08-18	15:32-17:30			14.7875	30-08-18 16:07	43.97150646	Other	NA	Electronic	14.7875	14.7982
USDZARmicro	31-08-18	09:32-11:30			14.6894	31-08-18 09:41	96.73731422	Other	NA	Electronic	14.676	14.6894
USDZARmicro	31-08-18	11:32-13:30			14.7215	31-08-18 11:40	131.9145194	Other	NA	Electronic	14.7215	14.7346
USDZARmicro	31-08-18	13:30-13:32	14.7379	16638.81805								
USDZARmicro	31-08-18	15:32-17:30			14.6989	31-08-18 15:43	4159.704511	Other	NA	Electronic	14.6989	14.7133
USDZARmicro	03-09-18	09:32-11:30			14.8647	03-09-18 09:56	351.7720517	Other	NA	Electronic	14.8647	14.8789
USDZARmicro	03-09-18	11:32-13:30			14.817	03-09-18 11:36	105.5316155	Other	NA	Electronic	14.817	14.83

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	03-09-18	13:32-15:30			14.9002	03-09-18 13:32	87.94301293	Other	NA	Electronic	14.9002	14.9153
USDZARmicro	03-09-18	15:30-15:32	14.8474	13191.45194								
USDZARmicro	04-09-18	09:30-09:32	15.11336	141069.387								
USDZARmicro	04-09-18	11:30-11:32	15.1762	263.8290388								
USDZARmicro	04-09-18	13:30-13:32	15.33702	316.5948465								
USDZARmicro	04-09-18	15:30-15:32	15.2768	8.794301293								
USDZARmicro	05-09-18	09:32-11:30			15.5984	05-09-18 09:47	5276.580776	Other	NA	Electronic	15.5861	15.5984
USDZARmicro	05-09-18	11:30-11:32	15.5279	175.8860259								
USDZARmicro	05-09-18	13:32-15:30			15.459	05-09-18 13:47	87.94301293	Other	NA	Electronic	15.4464	15.459
USDZARmicro	05-09-18	15:30-15:32	15.45196	21422.91795								
USDZARmicro	06-09-18	09:32-11:30			15.3376	06-09-18 09:36	2638.290388	Other	NA	Electronic	15.3244	15.3376
USDZARmicro	06-09-18	11:32-13:30			15.3126	06-09-18 11:41	43.97150646	Other	NA	Electronic	15.3126	15.3252
USDZARmicro	06-09-18	13:30-13:32	15.3889	8.794301293								
USDZARmicro	06-09-18	15:32-17:30			15.3166	06-09-18 15:32	8.794301293	Other	NA	Electronic	15.3166	15.3313
USDZARmicro	07-09-18	09:32-11:30			15.1215	07-09-18 10:02	668.3668982	Other	NA	Electronic	15.1086	15.1215

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	07-09-18	11:32-13:30			15.1252	07-09-18 11:56	43.97150646	Other	NA	Electronic	15.1252	15.1374
USDZARmicro	07-09-18	13:32-15:30			15.0837	07-09-18 13:40	8.794301293	Other	NA	Electronic	15.0837	15.0988
USDZARmicro	07-09-18	15:32-17:30			15.118	07-09-18 15:37	8.794301293	Other	NA	Electronic	15.118	15.1311
USDZARmicro	10-09-18	09:32-11:30			15.1677	10-09-18 09:34	87.94301293	Other	NA	Electronic	15.1539	15.1677
USDZARmicro	10-09-18	11:32-13:30			15.1707	10-09-18 11:43	545.2466802	Other	NA	Electronic	15.1707	15.1832
USDZARmicro	10-09-18	13:30-13:32	15.1721	52.76580776								
USDZARmicro	10-09-18	15:32-17:30			15.2292	10-09-18 17:20	43.97150646	Other	NA	Electronic	15.2159	15.2292
USDZARmicro	11-09-18	09:30-09:32	15.098	879.4301293								
USDZARmicro	11-09-18	11:32-13:30			15.1144	11-09-18 11:38	386.9492569	Other	NA	Electronic	15.1144	15.1273
USDZARmicro	11-09-18	13:32-15:30			15.1566	11-09-18 13:53	43.97150646	Other	NA	Electronic	15.1566	15.1678
USDZARmicro	11-09-18	15:32-17:30			15.1201	11-09-18 16:20	175.8860259	Other	NA	Electronic	15.1051	15.1201
USDZARmicro	12-09-18	09:30-09:32	15.06753	756.3099112								
USDZARmicro	12-09-18	11:30-11:32	15.0687	26.38290388								
USDZARmicro	12-09-18	13:30-13:32	15.02323	1266.379386								
USDZARmicro	12-09-18	15:30-15:32	14.9456	87.94301293								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	13-09-18	09:30-09:32	14.879	87.94301293								
USDZARmicro	13-09-18	11:32-13:30			14.759	13-09-18 11:32	123.1202181	Other	NA	Electronic	14.747	14.759
USDZARmicro	13-09-18	13:32-15:30			14.6377	13-09-18 13:41	1319.145194	Other	NA	Electronic	14.6377	14.6476
USDZARmicro	13-09-18	15:32-17:30			14.7767	13-09-18 16:07	4397.150646	Other	NA	Electronic	14.7767	14.7902
USDZARmicro	14-09-18	09:30-09:32	14.7898	422.1264621								
USDZARmicro	14-09-18	11:32-13:30			14.8408	14-09-18 11:56	17588.60259	Other	NA	Electronic	14.8281	14.8408
USDZARmicro	14-09-18	13:30-13:32	14.87085	228.6518336								
USDZARmicro	14-09-18	15:32-17:30			14.8501	14-09-18 15:32	43.97150646	Other	NA	Electronic	14.8501	14.864
USDZARmicro	17-09-18	09:30-09:32	15.0302	26.38290388								
USDZARmicro	17-09-18	11:32-13:30			14.9725	17-09-18 11:55	879.4301293	Other	NA	Electronic	14.9725	14.9852
USDZARmicro	17-09-18	13:32-15:30			14.9027	17-09-18 13:33	8794.301293	Other	NA	Electronic	14.9027	14.9172
USDZARmicro	17-09-18	15:30-15:32	14.9144	1758.860259								
USDZARmicro	18-09-18	09:32-11:30			14.9184	18-09-18 09:32	1539.002726	Other	NA	Electronic	14.905	14.9184
USDZARmicro	18-09-18	11:32-13:30			14.9339	18-09-18 11:36	26.38290388	Other	NA	Electronic	14.9335	14.9472
USDZARmicro	18-09-18	13:30-13:32	14.8393	43.97150646								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	18-09-18	15:32-17:30			14.844	18-09-18 15:34	228.6518336	Other	NA	Electronic	14.8312	14.844
USDZARmicro	19-09-18	09:32-11:30			14.7392	19-09-18 09:38	131.9145194	Other	NA	Electronic	14.7275	14.7392
USDZARmicro	19-09-18	11:32-13:30			14.6523	19-09-18 11:34	26.38290388	Other	NA	Electronic	14.6395	14.6523
USDZARmicro	19-09-18	13:30-13:32	14.6502	1222.40788								
USDZARmicro	19-09-18	15:32-17:30			14.6132	19-09-18 15:34	2638.290388	Other	NA	Electronic	14.6132	14.6248
USDZARmicro	20-09-18	09:32-11:30			14.4862	20-09-18 11:05	211.063231	Other	NA	Electronic	14.4862	14.4992
USDZARmicro	20-09-18	11:32-13:30			14.46	20-09-18 11:52	879.4301293	Other	NA	Electronic	14.46	14.4726
USDZARmicro	20-09-18	13:32-15:30			14.4522	20-09-18 13:44	13191.45194	Other	NA	Electronic	14.4424	14.4522
USDZARmicro	20-09-18	15:32-17:30			14.3895	20-09-18 15:53	52765.80776	Other	NA	Electronic	14.3895	14.4022
USDZARmicro	21-09-18	09:32-11:30			14.3083	21-09-18 10:22	43971.50646	Other	NA	Electronic	14.296	14.3083
USDZARmicro	21-09-18	11:30-11:32	14.3696	228.6518336								
USDZARmicro	21-09-18	13:32-15:30			14.413	21-09-18 13:51	879.4301293	Other	NA	Electronic	14.413	14.4234
USDZARmicro	21-09-18	15:32-17:30			14.3409	21-09-18 15:36	255.0347375	Other	NA	Electronic	14.3288	14.3409
USDZARmicro	24-09-18	09:32-11:30			14.2495	24-09-18 10:25	87.94301293	Other	NA	Electronic	14.2495	14.2613
USDZARmicro	24-09-18	11:32-13:30			14.2287	24-09-18 11:46	17.58860259	Other	NA	Electronic	14.2287	14.2402

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USDZARmicro	24-09-18	13:32-15:30			14.2242	24-09-18 13:41	8794.301293	Other	NA	Electronic	14.214	14.2242
USDZARmicro	24-09-18	15:32-17:30			14.2415	24-09-18 16:36	131.9145194	Other	NA	Electronic	14.2415	14.2532
USDZARmicro	25-09-18	09:32-11:30			14.3475	25-09-18 10:45	131.9145194	Other	NA	Electronic	14.3367	14.3475
USDZARmicro	25-09-18	11:32-13:30			14.3531	25-09-18 11:51	351.7720517	Other	NA	Electronic	14.3531	14.3646
USDZARmicro	25-09-18	13:32-15:30			14.4507	25-09-18 13:37	87.94301293	Other	NA	Electronic	14.4401	14.4507
USDZARmicro	25-09-18	15:32-17:30			14.3937	25-09-18 16:04	351.7720517	Other	NA	Electronic	14.3804	14.3937
USDZARmicro	26-09-18	09:32-11:30			14.2817	26-09-18 10:19	219.8575323	Other	NA	Electronic	14.2817	14.2937
USDZARmicro	26-09-18	11:32-13:30			14.3142	26-09-18 11:45	219.8575323	Other	NA	Electronic	14.302	14.3142
USDZARmicro	26-09-18	13:32-15:30			14.2341	26-09-18 14:10	17588.60259	Other	NA	Electronic	14.2217	14.2341
USDZARmicro	26-09-18	15:32-17:30			14.1955	26-09-18 15:36	8794.301293	Other	NA	Electronic	14.1955	14.2067
USDZARmicro	27-09-18	09:32-11:30			14.1807	27-09-18 09:51	1758.860259	Other	NA	Electronic	14.1697	14.1807
USDZARmicro	27-09-18	11:32-13:30			14.0946	27-09-18 12:19	4397.150646	Other	NA	Electronic	14.085	14.0946
USDZARmicro	27-09-18	13:32-15:30			14.0825	27-09-18 14:05	87.94301293	Other	NA	Electronic	14.0725	14.0825
USDZARmicro	27-09-18	15:32-17:30			14.0635	27-09-18 15:33	1319.145194	Other	NA	Electronic	14.0635	14.0757
USDZARmicro	28-09-18	09:30-09:32	14.1899	1758.860259								

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
USDZARmicro	28-09-18	11:32-13:30			14.1693	28-09-18 12:31	1758.860259	Other	NA	Electronic	14.1693	14.1824
USDZARmicro	28-09-18	13:32-15:30			14.1468	28-09-18 13:40	879.4301293	Other	NA	Electronic	14.1365	14.1468
USDZARmicro	28-09-18	15:32-17:30			14.1567	28-09-18 16:10	879.4301293	Other	NA	Electronic	14.1567	14.1681
Valeo	17-07-18	13:32-15:30			48.1	17-07-18 13:36	481	Other	NA	Electronic	47.97	48.1
Valeo	18-07-18	09:32-11:30			49.03	18-07-18 11:15	481	Other	NA	Electronic	49.03	49.17
Valeo	19-07-18	13:32-15:30			49.09	19-07-18 13:32	490.9	Other	NA	Electronic	48.95	49.09
Valeo	07-08-18	13:32-15:30			41.8	07-08-18 15:17	418	Other	NA	Electronic	41.68	41.8
Valeo	10-09-18	11:32-13:30			37.54	10-09-18 12:11	375.4	Other	NA	Electronic	37.41	37.54
Valeo	10-09-18	13:32-15:30			37.37	10-09-18 13:55	373.7	Other	NA	Electronic	37.24	37.37
Valeo	11-09-18	11:32-13:30			35.23	11-09-18 13:19	352.3	Other	NA	Electronic	35.1	35.23
Valeo	14-09-18	13:30-13:32	37.01	373.7								
Valeo	18-09-18	09:32-11:30			37.43	18-09-18 11:11	352.3	Other	NA	Electronic	37.43	37.57
Valmet	10-09-18	11:32-13:30			18.243	10-09-18 11:52	182.43	Other	NA	Electronic	18.243	18.298
Veolia	09-07-18	09:32-11:30			19.244	09-07-18 10:13	192.44	Other	NA	Electronic	19.201	19.244
Veolia	26-07-18	09:32-11:30			19.431	26-07-18 09:33	211	Other	NA	Electronic	19.431	19.474

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Veolia	01-08-18	11:32-13:30			18.791	01-08-18 12:52	205.9	Other	NA	Electronic	18.791	18.839
Veolia	10-08-18	09:32-11:30			18.376	10-08-18 09:36	190.94	Other	NA	Electronic	18.376	18.424
Veolia	15-08-18	11:32-13:30			18.021	15-08-18 11:50	198.49	Other	NA	Electronic	18.021	18.074
Verisign	09-07-18	15:32-17:30			141.82	09-07-18 16:42	1198.311494	Other	NA	Electronic	141.82	142.15
Verisign	04-09-18	13:32-15:30			159.59	04-09-18 15:16	1403.482543	Other	NA	Electronic	159.36	159.59
Verisign	05-09-18	13:32-15:30			157.5	05-09-18 13:40	1403.482543	Other	NA	Electronic	157.5	158.32
Verizon	06-07-18	13:32-15:30			51.55	06-07-18 15:06	453.3462316	Other	NA	Electronic	51.49	51.55
Verizon	11-07-18	13:32-15:30			51.47	11-07-18 14:17	453.5221177	Other	NA	Electronic	51.47	51.53
Verizon	13-07-18	15:32-17:30			51.1	13-07-18 16:33	4463.107906	Other	NA	Electronic	51.1	51.16
Verizon	16-07-18	13:32-15:30			51.43	16-07-18 13:40	452.2909155	Other	NA	Electronic	51.36	51.43
Verizon	17-07-18	13:32-15:30			51.79	17-07-18 13:52	452.2909155	Other	NA	Electronic	51.79	51.86
Verizon	24-07-18	13:32-15:30			50.24	24-07-18 13:44	441.8256969	Other	NA	Electronic	50.15	50.24
Verizon	24-07-18	15:32-17:30			51.07	24-07-18 17:04	6736.874505	Other	NA	Electronic	51.07	51.13
Verizon	26-07-18	13:32-15:30			51.45	26-07-18 13:58	879.0783572	Other	NA	Electronic	51.45	51.52
Verizon	21-08-18	15:32-17:30			55.02	21-08-18 16:47	967.7249143	Other	NA	Electronic	55.02	55.08



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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
VF	16-07-18	15:32-17:30			88.69	16-07-18 16:08	779.9665817	Other	NA	Electronic	88.69	88.79
Viacom	26-07-18	13:32-15:30			28.58	26-07-18 13:53	502.6822619	Other	NA	Electronic	28.51	28.58
Viacom	02-08-18	13:32-15:30			28.46	02-08-18 14:08	250.2858148	Other	NA	Electronic	28.39	28.46
Viacom	16-08-18	13:32-15:30			30.64	16-08-18 14:36	269.4573916	Other	NA	Electronic	30.58	30.64
Viacom	17-08-18	13:32-15:30			30.49	17-08-18 14:33	265.9396711	Other	NA	Electronic	30.49	30.55
Viacom	28-08-18	13:32-15:30			30.52	28-08-18 13:40	1342.010377	Other	NA	Electronic	30.44	30.52
Viacom	29-08-18	13:32-15:30			30.38	29-08-18 13:52	534.3417465	Other	NA	Electronic	30.31	30.38
Viacom	29-08-18	15:32-17:30			30.48	29-08-18 16:25	534.3417465	Other	NA	Electronic	30.48	30.54
Viacom	30-08-18	13:32-15:30			30.24	30-08-18 14:51	531.8793422	Other	NA	Electronic	30.18	30.24
Viacom	31-08-18	13:32-15:30			29.71	31-08-18 13:40	1342.889807	Other	NA	Electronic	29.71	29.8
Viacom	31-08-18	15:32-17:30			29.4	31-08-18 17:29	537.155923	Other	NA	Electronic	29.4	29.46
Viacom	04-09-18	13:32-15:30			29.02	04-09-18 13:51	536.9800369	Other	NA	Electronic	29.02	29.08
Viacom	17-09-18	13:32-15:30			29.71	17-09-18 14:49	26127.86914	Other	NA	Electronic	29.64	29.71
Viacom	18-09-18	15:32-17:30			30.18	18-09-18 17:22	26127.86914	Other	NA	Electronic	30.18	30.24
Vinci	25-09-18	13:32-15:30			81.78	25-09-18 14:40	817.8	Other	NA	Electronic	81.78	81.98

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Visa	05-07-18	13:32-15:30			132.33	05-07-18 13:40	7016.269457	Other	NA	Electronic	132.33	132.48
Visa	09-07-18	13:32-15:30			135.09	09-07-18 13:54	1188.110105	Other	NA	Electronic	135.09	135.21
Visa	17-07-18	13:32-15:30			138.81	17-07-18 13:40	1215.812154	Other	NA	Electronic	138.66	138.81
Visa	17-07-18	15:32-17:30			139.75	17-07-18 16:17	1229.003606	Other	NA	Electronic	139.63	139.75
Visa	19-07-18	13:32-15:30			140.49	19-07-18 13:43	1240.436197	Other	NA	Electronic	140.49	140.62
Visa	19-07-18	15:32-17:30			139.92	19-07-18 16:49	1161.727201	Other	NA	Electronic	139.92	140.04
Visa	20-07-18	13:32-15:30			141.19	20-07-18 14:02	1241.6674	Other	NA	Electronic	141.06	141.19
Visa	20-07-18	15:32-17:30			141.19	20-07-18 15:38	1233.488699	Other	NA	Electronic	141.19	141.31
Visa	23-07-18	13:32-15:30			139.79	23-07-18 13:40	1241.6674	Other	NA	Electronic	139.79	139.95
Visa	24-07-18	13:32-15:30			140.95	24-07-18 13:56	1239.556767	Other	NA	Electronic	140.82	140.95
Visa	24-07-18	15:32-17:30			139.91	24-07-18 16:57	1239.556767	Other	NA	Electronic	139.91	140.04
Visa	25-07-18	15:32-17:30			141.21	25-07-18 16:02	1241.843286	Other	NA	Electronic	141.21	141.34
Visa	27-07-18	13:32-15:30			142.01	27-07-18 14:12	1248.878727	Other	NA	Electronic	141.88	142.01
Visa	30-07-18	13:32-15:30			138.38	30-07-18 13:45	1216.955413	Other	NA	Electronic	138.38	138.51
Visa	31-07-18	15:32-17:30			136.67	31-07-18 16:52	1186.439187	Other	NA	Electronic	136.67	136.79

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Symbol	Date	All trades executed within first two minutes after time T			First transaction after time T (if no transactions within first two minutes after time T)							
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Visa	01-08-18	13:32-15:30			137.83	01-08-18 13:40	1212.118547	Other	NA	Electronic	137.71	137.83
Visa	03-08-18	13:32-15:30			139.37	03-08-18 14:39	3676.985314	Other	NA	Electronic	139.24	139.37
Visa	06-08-18	13:32-15:30			139.88	06-08-18 13:49	1230.146865	Other	NA	Electronic	139.74	139.88
Visa	10-08-18	13:32-15:30			140.46	10-08-18 15:25	1235.24756	Other	NA	Electronic	140.35	140.46
Visa	13-08-18	13:32-15:30			141.04	13-08-18 14:29	1230.146865	Other	NA	Electronic	141.04	141.16
Visa	15-08-18	13:32-15:30			139.67	15-08-18 14:01	1191.715768	Other	NA	Electronic	139.67	139.82
Visa	15-08-18	15:32-17:30			139.37	15-08-18 15:58	1225.661771	Other	NA	Electronic	139.22	139.37
Visa	16-08-18	13:32-15:30			141.04	16-08-18 14:06	1235.24756	Other	NA	Electronic	141.04	141.17
Visa	23-08-18	13:32-15:30			142.1	23-08-18 13:42	1249.670214	Other	NA	Electronic	141.91	142.1
Visa	23-08-18	15:32-17:30			142.01	23-08-18 17:06	1248.878727	Other	NA	Electronic	141.89	142.01
Visa	24-08-18	13:32-15:30			143.09	24-08-18 13:40	1248.878727	Other	NA	Electronic	143.09	143.24
Visa	28-08-18	15:32-17:30			145.73	28-08-18 17:14	1281.593527	Other	NA	Electronic	145.62	145.73
Visa	29-08-18	13:32-15:30			146.48	29-08-18 13:42	1281.593527	Other	NA	Electronic	146.48	146.63
Visa	30-08-18	13:32-15:30			147.54	30-08-18 14:57	1293.377891	Other	NA	Electronic	147.54	147.65
Visa	04-09-18	13:32-15:30			147.65	04-09-18 15:27	1298.478586	Other	NA	Electronic	147.52	147.65

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Visa	05-09-18	13:32-15:30			146.19	05-09-18 13:40	1298.478586	Other	NA	Electronic	146.19	146.33
Visa	06-09-18	13:32-15:30			143.05	06-09-18 13:40	1258.0248	Other	NA	Electronic	142.91	143.05
Visa	07-09-18	15:32-17:30			143.17	07-09-18 17:10	1259.080116	Other	NA	Electronic	143.17	143.3
Visa	10-09-18	13:32-15:30			144.14	10-09-18 15:23	1259.080116	Other	NA	Electronic	144.01	144.14
Visa	12-09-18	13:32-15:30			146.33	12-09-18 15:21	1286.870108	Other	NA	Electronic	146.17	146.33
Visa	13-09-18	13:32-15:30			147.64	13-09-18 13:40	1286.870108	Other	NA	Electronic	147.64	147.77
Visa	14-09-18	13:32-15:30			148.28	14-09-18 14:02	1304.018996	Other	NA	Electronic	148.11	148.28
Visa	14-09-18	15:32-17:30			147.67	14-09-18 16:06	1304.018996	Other	NA	Electronic	147.67	147.81
Visa	19-09-18	13:32-15:30			148.04	19-09-18 13:40	1257.848914	Other	NA	Electronic	148.04	148.2
Viscofan	03-07-18	11:32-13:30			59.446	03-07-18 12:55	589.05	Other	NA	Electronic	59.446	59.655
Viscofan	19-07-18	13:32-15:30			58.605	19-07-18 14:46	586.05	Other	NA	Electronic	58.446	58.605
Viscofan	01-08-18	11:32-13:30			59.546	01-08-18 13:29	586.05	Other	NA	Electronic	59.546	59.705
Vivendi	23-08-18	09:32-11:30			22.249	23-08-18 11:08	220.92	Other	NA	Electronic	22.249	22.302
Vivendi	30-08-18	11:32-13:30			22.402	30-08-18 13:09	224.02	Other	NA	Electronic	22.349	22.402
Vivendi	30-08-18	13:32-15:30			22.359	30-08-18 13:49	224.02	Other	NA	Electronic	22.359	22.412

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Vodafone	03-07-18	11:32-13:30			1.8491	03-07-18 12:41	205.8533012	Other	NA	Electronic	1.8491	1.8524
Vodafone	04-07-18	11:32-13:30			1.895	04-07-18 13:12	210.3148619	Other	NA	Electronic	1.8913	1.895
Vodafone	05-07-18	11:32-13:30			1.8791	05-07-18 11:40	208.0507863	Other	NA	Electronic	1.8791	1.8826
Vodafone	06-07-18	09:32-11:30			1.8877	06-07-18 10:32	210.3148619	Other	NA	Electronic	1.8877	1.891
Vodafone	06-07-18	11:32-13:30			1.8999	06-07-18 13:01	206.9187485	Other	NA	Electronic	1.8999	1.9032
Vodafone	11-07-18	09:32-11:30			1.8654	11-07-18 11:03	208.5724116	Other	NA	Electronic	1.8617	1.8654
Vodafone	16-07-18	09:32-11:30			1.8021	16-07-18 10:00	11201.62481	Other	NA	Electronic	1.8021	1.8056
Vodafone	16-07-18	13:32-15:30			1.8056	16-07-18 13:40	200.3928837	Other	NA	Electronic	1.8023	1.8056
Vodafone	19-07-18	11:32-13:30			1.7858	19-07-18 12:35	198.1953986	Other	NA	Electronic	1.7823	1.7858
Vodafone	25-07-18	09:32-11:30			1.7347	25-07-18 10:05	2380.853024	Other	NA	Electronic	1.7347	1.7382
Vodafone	30-07-18	11:32-13:30			1.8104	30-07-18 12:59	200.9256074	Other	NA	Electronic	1.8071	1.8104
Vodafone	31-07-18	11:32-13:30			1.8762	31-07-18 12:02	206.0863678	Other	NA	Electronic	1.8729	1.8762
Vodafone	01-08-18	09:32-11:30			1.8483	01-08-18 10:19	2164.41184	Other	NA	Electronic	1.8483	1.8518
Vodafone	01-08-18	11:32-13:30			1.8467	01-08-18 12:30	5212.922988	Other	NA	Electronic	1.8467	1.85
Vodafone	28-08-18	09:32-11:30			1.7358	28-08-18 10:06	38529.23876	Other	NA	Electronic	1.7325	1.7358

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Vodafone	28-08-18	11:30-11:32	1.7359	38529.23876								
Vodafone	29-08-18	09:32-11:30			1.734	29-08-18 11:24	192.4464224	Other	NA	Electronic	1.7307	1.734
Vodafone	18-09-18	13:32-15:30			1.6896	18-09-18 14:27	562.5561857	Other	NA	Electronic	1.6861	1.6896
Vodafone	21-09-18	13:32-15:30			1.706	21-09-18 14:15	946.6943387	Other	NA	Electronic	1.7025	1.706
Vodafone	24-09-18	09:32-11:30			1.7059	24-09-18 10:32	188.3622077	Other	NA	Electronic	1.7059	1.7096
Volkswagen	02-07-18	11:32-13:30			140.84	02-07-18 12:03	16976	Other	NA	Electronic	140.84	141.46
Volkswagen	03-07-18	11:32-13:30			142.36	03-07-18 12:03	1423.6	Other	NA	Electronic	141.84	142.36
Volkswagen	03-07-18	13:32-15:30			141.24	03-07-18 13:41	1411.6	Other	NA	Electronic	141.24	141.76
Volkswagen	04-07-18	09:32-11:30			140.04	04-07-18 09:34	1400.4	Other	NA	Electronic	140.04	140.46
Volkswagen	05-07-18	09:32-11:30			146.84	05-07-18 10:00	1442.6	Other	NA	Electronic	146.84	147.36
Volkswagen	06-07-18	09:32-11:30			144.56	06-07-18 10:00	1445.6	Other	NA	Electronic	144.14	144.56
Volkswagen	10-07-18	09:32-11:30			143.46	10-07-18 10:42	1434.6	Other	NA	Electronic	142.94	143.46
Volkswagen	16-07-18	11:32-13:30			141.66	16-07-18 12:33	1416.6	Other	NA	Electronic	141.24	141.66
Volkswagen	16-07-18	13:30-13:32	141.36	4240.8								
Volkswagen	17-07-18	13:32-15:30			142.44	17-07-18 14:47	1413.6	Other	NA	Electronic	142.44	142.96

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Volkswagen	19-07-18	09:32-11:30			146.24	19-07-18 10:56	1462.4	Other	NA	Electronic	146.24	146.76
Volkswagen	19-07-18	13:32-15:30			146.06	19-07-18 14:03	1462.4	Other	NA	Electronic	145.54	146.06
Volkswagen	20-07-18	11:32-13:30			141.36	20-07-18 12:51	1413.6	Other	NA	Electronic	140.84	141.36
Volkswagen	20-07-18	13:32-15:30			141.34	20-07-18 14:30	1409.6	Other	NA	Electronic	141.34	141.86
Volkswagen	24-07-18	09:32-11:30			147.94	24-07-18 09:58	1479.4	Other	NA	Electronic	147.94	148.46
Volkswagen	24-07-18	11:32-13:30			148.14	24-07-18 12:15	1481.4	Other	NA	Electronic	148.14	148.56
Volkswagen	24-07-18	13:32-15:30			147.86	24-07-18 15:12	1479.4	Other	NA	Electronic	147.34	147.86
Volkswagen	25-07-18	09:30-09:32	145.46	4363.8								
Volkswagen	25-07-18	13:32-15:30			142.44	25-07-18 15:21	1476.6	Other	NA	Electronic	142.44	142.86
Volkswagen	26-07-18	09:32-11:30			148.56	26-07-18 11:23	1485.6	Other	NA	Electronic	148.14	148.56
Volkswagen	27-07-18	13:32-15:30			148.24	27-07-18 14:37	1453.6	Other	NA	Electronic	148.24	148.66
Volkswagen	30-07-18	11:32-13:30			148.44	30-07-18 11:50	1753.6	Other	NA	Electronic	148.44	148.96
Volkswagen	01-08-18	11:32-13:30			145.04	01-08-18 12:30	7476	Other	NA	Electronic	145.04	145.56
Volkswagen	02-08-18	09:32-11:30			139.86	02-08-18 10:27	1398.6	Other	NA	Electronic	139.34	139.86
Volkswagen	08-08-18	13:32-15:30			145.04	08-08-18 15:14	1404.6	Other	NA	Electronic	145.04	145.46

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Volkswagen	10-08-18	13:32-15:30			141.26	10-08-18 14:48	1412.6	Other	NA	Electronic	140.74	141.26
Volkswagen	13-08-18	11:32-13:30			141.84	13-08-18 11:52	1412.6	Other	NA	Electronic	141.84	142.36
Volkswagen	14-08-18	09:32-11:30			141.26	14-08-18 09:49	1412.6	Other	NA	Electronic	140.84	141.26
Volkswagen	14-08-18	11:32-13:30			140.96	14-08-18 11:34	1409.6	Other	NA	Electronic	140.44	140.96
Volkswagen	15-08-18	09:32-11:30			140.16	15-08-18 09:54	1401.6	Other	NA	Electronic	139.64	140.16
Volkswagen	15-08-18	11:32-13:30			138.56	15-08-18 12:11	1385.6	Other	NA	Electronic	138.04	138.56
Volkswagen	15-08-18	13:32-15:30			136.64	15-08-18 13:55	2761.2	Other	NA	Electronic	136.64	137.16
Volkswagen	17-08-18	09:32-11:30			136.76	17-08-18 10:10	1367.6	Other	NA	Electronic	136.34	136.76
Volkswagen	20-08-18	09:32-11:30			137.94	20-08-18 11:06	2749.2	Other	NA	Electronic	137.94	138.56
Volkswagen	21-08-18	11:32-13:30			139.16	21-08-18 13:03	1391.6	Other	NA	Electronic	138.74	139.16
Volkswagen	22-08-18	09:32-11:30			138.26	22-08-18 10:05	2765.2	Other	NA	Electronic	137.84	138.26
Volkswagen	22-08-18	11:32-13:30			136.76	22-08-18 12:23	1367.6	Other	NA	Electronic	136.14	136.76
Volkswagen	27-08-18	09:32-11:30			138.64	27-08-18 10:55	1374.6	Other	NA	Electronic	138.64	139.06
Volkswagen	27-08-18	11:32-13:30			138.94	27-08-18 13:10	2765.2	Other	NA	Electronic	138.94	139.46
Volkswagen	27-08-18	13:32-15:30			140.56	27-08-18 14:16	1405.6	Other	NA	Electronic	140.04	140.56



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Volkswagen	29-08-18	09:32-11:30			140.54	29-08-18 11:21	1367.6	Other	NA	Electronic	140.54	141.06
Volkswagen	03-09-18	09:32-11:30			136.26	03-09-18 11:29	1362.6	Other	NA	Electronic	135.84	136.26
Volkswagen	03-09-18	11:32-13:30			136.16	03-09-18 11:40	1361.6	Other	NA	Electronic	135.64	136.16
Volkswagen	03-09-18	13:32-15:30			135.86	03-09-18 13:44	1358.6	Other	NA	Electronic	135.34	135.86
Volkswagen	04-09-18	09:32-11:30			134.96	04-09-18 10:13	1349.6	Other	NA	Electronic	134.54	134.96
Volkswagen	07-09-18	09:32-11:30			132.64	07-09-18 10:53	1326.4	Other	NA	Electronic	132.64	133.06
Volkswagen	07-09-18	13:32-15:30			133.66	07-09-18 13:41	1336.6	Other	NA	Electronic	133.14	133.66
Volkswagen	10-09-18	09:32-11:30			135.26	10-09-18 09:55	1352.6	Other	NA	Electronic	134.84	135.26
Volkswagen	10-09-18	13:32-15:30			134.94	10-09-18 14:12	1352.6	Other	NA	Electronic	134.94	135.46
Volkswagen	11-09-18	09:32-11:30			134.84	11-09-18 10:20	1339.6	Other	NA	Electronic	134.84	135.26
Volkswagen	13-09-18	09:32-11:30			139.34	13-09-18 10:51	1349.6	Other	NA	Electronic	139.34	139.76
Volkswagen	13-09-18	13:32-15:30			139.34	13-09-18 14:26	1362.6	Other	NA	Electronic	139.34	139.86
Volvo	09-07-18	13:32-15:30			142.95	09-07-18 14:19	1108.295255	Other	NA	Electronic	142.95	143.3
Volvo	10-07-18	09:32-11:30			144	10-07-18 09:40	1116.435933	Other	NA	Electronic	143.65	144
Vonovia	19-09-18	09:32-11:30			42.38	19-09-18 09:47	423.8	Other	NA	Electronic	42.28	42.38

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Vonovia	21-09-18	11:32-13:30			41.77	21-09-18 11:34	3341.6	Other	NA	Electronic	41.67	41.77
Walgreens	10-07-18	13:32-15:30			63.18	10-07-18 14:07	2778.119778	Other	NA	Electronic	63.11	63.18
Walgreens	18-07-18	13:32-15:30			66.61	18-07-18 13:55	1694.310087	Other	NA	Electronic	66.61	66.7
Walgreens	20-07-18	13:32-15:30			64.97	20-07-18 15:10	571.365755	Other	NA	Electronic	64.89	64.97
Walgreens	27-07-18	15:32-17:30			68.68	27-07-18 16:06	596.3415707	Other	NA	Electronic	68.68	68.75
Walgreens	08-08-18	13:32-15:30			67.26	08-08-18 13:44	584.6451499	Other	NA	Electronic	67.26	67.35
Walgreens	08-08-18	15:32-17:30			66.26	08-08-18 15:48	582.7104037	Other	NA	Electronic	66.2	66.26
WalMart	03-07-18	13:32-15:30			84.68	03-07-18 13:41	2208.249055	Other	NA	Electronic	84.68	84.8
WalMart	10-07-18	15:32-17:30			86.8	10-07-18 16:18	758.3326005	Other	NA	Electronic	86.8	86.88
WalMart	11-07-18	15:32-17:30			86.74	11-07-18 15:34	762.8176941	Other	NA	Electronic	86.74	86.82
WalMart	12-07-18	15:32-17:30			86.48	12-07-18 16:12	754.3751649	Other	NA	Electronic	86.48	86.56
WalMart	13-07-18	13:32-15:30			87.05	13-07-18 13:40	7592.120306	Other	NA	Electronic	86.95	87.05
WalMart	18-07-18	13:32-15:30			88.8	18-07-18 13:50	772.0517105	Other	NA	Electronic	88.8	88.88
WalMart	19-07-18	13:32-15:30			87.95	19-07-18 13:54	773.4587987	Other	NA	Electronic	87.85	87.95
WalMart	20-07-18	13:32-15:30			87.34	20-07-18 13:49	773.4587987	Other	NA	Electronic	87.34	87.43

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WalMart	26-07-18	13:32-15:30			89	26-07-18 14:23	1560.988479	Other	NA	Electronic	89	89.08
WalMart	01-08-18	13:32-15:30			89.07	01-08-18 13:40	3813.648756	Other	NA	Electronic	88.96	89.07
WalMart	09-08-18	13:32-15:30			89.42	09-08-18 14:49	786.3864216	Other	NA	Electronic	89.33	89.42
WalMart	09-08-18	15:32-17:30			88.99	09-08-18 15:39	786.3864216	Other	NA	Electronic	88.99	89.08
WalMart	10-08-18	13:32-15:30			89.86	10-08-18 13:41	783.4843022	Other	NA	Electronic	89.86	89.95
WalMart	15-08-18	13:32-15:30			89.99	15-08-18 14:30	791.3991733	Other	NA	Electronic	89.91	89.99
WalMart	16-08-18	13:32-15:30			98.73	16-08-18 13:50	790.8715153	Other	NA	Electronic	98.73	98.83
WalMart	16-08-18	15:32-17:30			99.42	16-08-18 15:49	1748.658869	Other	NA	Electronic	99.42	99.52
WalMart	17-08-18	13:32-15:30			98.53	17-08-18 14:44	866.5025064	Other	NA	Electronic	98.44	98.53
WalMart	17-08-18	15:32-17:30			98.41	17-08-18 17:08	1748.658869	Other	NA	Electronic	98.33	98.41
WalMart	20-08-18	13:32-15:30			97.61	20-08-18 13:40	2496.086536	Other	NA	Electronic	97.61	97.71
WalMart	21-08-18	15:32-17:30			95.88	21-08-18 15:47	843.197608	Other	NA	Electronic	95.8	95.88
WalMart	20-09-18	13:32-15:30			95.24	20-09-18 15:00	837.5692551	Other	NA	Electronic	95.15	95.24
WalMart	21-09-18	13:32-15:30			96.18	21-09-18 13:50	845.8358983	Other	NA	Electronic	96.09	96.18
WalMart	24-09-18	13:32-15:30			95.2	24-09-18 14:33	845.8358983	Other	NA	Electronic	95.2	95.29

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
WellsFargo	13-07-18	13:32-15:30			54.36	13-07-18 13:40	485.5333744	Other	NA	Electronic	54.36	54.43
WellsFargo	24-07-18	15:32-17:30			58.44	24-07-18 16:19	2569.694838	Other	NA	Electronic	58.38	58.44
WellsFargo	25-07-18	13:32-15:30			57.97	25-07-18 14:24	509.8056459	Other	NA	Electronic	57.97	58.03
WellsFargo	27-07-18	13:32-15:30			58.64	27-07-18 13:48	2578.489139	Other	NA	Electronic	58.58	58.64
WellsFargo	30-07-18	13:32-15:30			58.91	30-07-18 14:12	514.1148536	Other	NA	Electronic	58.91	58.98
WellsFargo	02-08-18	13:32-15:30			57.55	02-08-18 13:50	506.1120394	Other	NA	Electronic	57.48	57.55
WellsFargo	07-08-18	13:32-15:30			58.93	07-08-18 13:47	506.1120394	Other	NA	Electronic	58.93	58.99
WellsFargo	14-08-18	13:32-15:30			58.05	14-08-18 14:10	1021.01838	Other	NA	Electronic	57.99	58.05
WellsFargo	16-08-18	13:32-15:30			58.33	16-08-18 14:27	1021.01838	Other	NA	Electronic	58.33	58.39
WellsFargo	29-08-18	13:32-15:30			59.08	29-08-18 14:36	450.2682262	Other	NA	Electronic	59.02	59.08
WellsFargo	07-09-18	15:32-17:30			57.54	07-09-18 15:46	506.0240964	Other	NA	Electronic	57.54	57.6
WellsFargo	17-09-18	15:32-17:30			54.13	17-09-18 16:20	484.8298303	Other	NA	Electronic	54.07	54.13
WellsFargo	26-09-18	13:32-15:30			54.35	26-09-18 13:41	477.9702753	Other	NA	Electronic	54.29	54.35
WellsFargo	28-09-18	15:32-17:30			52.84	28-09-18 16:14	464.6908803	Other	NA	Electronic	52.78	52.84
Wendys	21-09-18	13:32-15:30			17.47	21-09-18 14:00	153.6364436	Other	NA	Electronic	17.41	17.47

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Wendys	25-09-18	13:32-15:30			17.52	25-09-18 15:14	153.6364436	Other	NA	Electronic	17.52	17.58
Western Digital	03-07-18	13:32-15:30			77.7	03-07-18 13:50	2049.951631	Other	NA	Electronic	77.7	77.85
Western Digital	03-07-18	15:32-17:30			77.95	03-07-18 16:01	2049.951631	Other	NA	Electronic	77.84	77.95
Western Digital	05-07-18	13:32-15:30			77.13	05-07-18 13:51	678.3044587	Other	NA	Electronic	76.99	77.13
Western Digital	10-07-18	13:32-15:30			79.52	10-07-18 13:46	699.3228388	Other	NA	Electronic	79.43	79.52
Western Digital	11-07-18	13:32-15:30			78.73	11-07-18 13:40	1378.946443	Other	NA	Electronic	78.73	78.85
Western Digital	12-07-18	13:32-15:30			78.52	12-07-18 13:49	1378.067013	Other	NA	Electronic	78.52	78.62
Western Digital	12-07-18	15:32-17:30			78.62	12-07-18 17:26	691.4079676	Other	NA	Electronic	78.54	78.62
Western Digital	13-07-18	13:32-15:30			79.84	13-07-18 14:42	691.4079676	Other	NA	Electronic	79.84	79.94
Western Digital	13-07-18	15:32-17:30			79.48	13-07-18 16:34	705.9185648	Other	NA	Electronic	79.48	79.57
Western Digital	16-07-18	15:32-17:30			78.63	16-07-18 16:32	1382.991821	Other	NA	Electronic	78.54	78.63
Western Digital	19-07-18	13:32-15:30			77.86	19-07-18 14:51	684.7242987	Other	NA	Electronic	77.77	77.86
Western Digital	19-07-18	15:32-17:30			77.33	19-07-18 16:33	680.063319	Other	NA	Electronic	77.25	77.33
Western Digital	23-07-18	13:32-15:30			75.06	23-07-18 13:40	684.7242987	Other	NA	Electronic	75.06	75.15
Western Digital	23-07-18	15:32-17:30			76.22	23-07-18 16:48	660.012312	Other	NA	Electronic	76.22	76.29

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		Time (T)	Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of Execution	Transaction Size	Trading System	Trading Mode	Trading Platform	Best bid or suitable reference price at time of execution	Best offer or suitable reference price at time of execution
Western Digital	25-07-18	15:32-17:30			75.54	25-07-18 16:11	664.3215197	Other	NA	Electronic	75.44	75.54
Western Digital	26-07-18	13:32-15:30			76.29	26-07-18 14:23	662.4747164	Other	NA	Electronic	76.29	76.4
Western Digital	27-07-18	13:32-15:30			73.88	27-07-18 13:40	649.7229795	Other	NA	Electronic	73.65	73.88
Western Digital	27-07-18	15:32-17:30			70.97	27-07-18 16:09	1248.263125	Other	NA	Electronic	70.88	70.97
Western Digital	30-07-18	13:32-15:30			70.65	30-07-18 13:46	1863.952159	Other	NA	Electronic	70.53	70.65
Western Digital	31-07-18	13:32-15:30			71.03	31-07-18 14:18	1863.952159	Other	NA	Electronic	71.03	71.12
Western Digital	01-08-18	13:32-15:30			69.7	01-08-18 13:40	664.3215197	Other	NA	Electronic	69.7	69.83
Western Digital	02-08-18	13:32-15:30			68.9	02-08-18 13:55	1355.025943	Other	NA	Electronic	68.9	69
Western Digital	03-08-18	13:32-15:30			67.73	03-08-18 14:19	2507.431185	Other	NA	Electronic	67.73	67.81
Western Digital	03-08-18	15:32-17:30			67.64	03-08-18 16:12	594.4068244	Other	NA	Electronic	67.64	67.73
Western Digital	08-08-18	15:32-17:30			67.29	08-08-18 17:04	1183.537068	Other	NA	Electronic	67.21	67.29
Western Digital	15-08-18	13:32-15:30			62	15-08-18 13:52	1888.224431	Other	NA	Electronic	62	62.09
Western Digital	20-08-18	13:32-15:30			64.42	20-08-18 13:41	566.5288893	Other	NA	Electronic	64.3	64.42
Western Digital	20-08-18	15:32-17:30			64.13	20-08-18 16:57	563.9785419	Other	NA	Electronic	64.05	64.13
Western Digital	21-08-18	15:32-17:30			64.86	21-08-18 17:18	563.9785419	Other	NA	Electronic	64.86	64.94

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Western Digital	22-08-18	13:32-15:30			64.48	22-08-18 14:23	566.5288893	Other	NA	Electronic	64.48	64.55
Western Digital	23-08-18	13:32-15:30			63.95	23-08-18 13:50	562.3955677	Other	NA	Electronic	63.86	63.95
Western Digital	27-08-18	13:32-15:30			64.91	27-08-18 15:06	562.3955677	Other	NA	Electronic	64.91	64.99
Western Digital	04-09-18	13:32-15:30			60.19	04-09-18 13:43	529.3289948	Other	NA	Electronic	60.1	60.19
Western Digital	05-09-18	15:32-17:30			60.74	05-09-18 16:28	529.3289948	Other	NA	Electronic	60.74	60.81
Western Digital	06-09-18	13:32-15:30			59.01	06-09-18 13:54	518.9517193	Other	NA	Electronic	58.9	59.01
Western Digital	06-09-18	15:32-17:30			57.74	06-09-18 16:24	1029.109137	Other	NA	Electronic	57.74	57.81
Western Digital	11-09-18	13:32-15:30			54.95	11-09-18 13:40	1183.537068	Other	NA	Electronic	54.95	55.06
Western Digital	13-09-18	13:32-15:30			56.89	13-09-18 13:42	500.3078005	Other	NA	Electronic	56.79	56.89
Western Digital	18-09-18	15:32-17:30			58.89	18-09-18 16:55	500.3078005	Other	NA	Electronic	58.89	58.98
Western Digital	25-09-18	13:32-15:30			59.54	25-09-18 13:54	523.612699	Other	NA	Electronic	59.44	59.54
WesternUni	18-07-18	15:32-17:30			20.04	18-07-18 17:18	352.4755958	Other	NA	Electronic	20.04	20.1
WesternUni	26-07-18	13:32-15:30			20.48	26-07-18 13:40	352.4755958	Other	NA	Electronic	20.42	20.48
WesternUni	31-07-18	13:32-15:30			19.99	31-07-18 14:01	351.5961657	Other	NA	Electronic	19.99	20.05
WesternUni	01-08-18	13:32-15:30			20.29	01-08-18 13:40	178.8760883	Other	NA	Electronic	20.29	20.36

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WesternUni	02-08-18	15:32-17:30			20.58	02-08-18 16:35	351.5961657	Other	NA	Electronic	20.52	20.58
WesternUni	20-08-18	15:32-17:30			18.9	20-08-18 16:58	500.7475156	Other	NA	Electronic	18.9	18.96
Weyerhaeuser	30-07-18	15:32-17:30			34.11	30-07-18 15:56	299.006244	Other	NA	Electronic	34.05	34.11
WHEAT-DEC18	30-08-18	09:32-11:30			5.439	30-08-18 09:58	1935.977487	Other	NA	Electronic	5.439	5.4635
WHEAT-DEC18	30-08-18	15:32-17:30			5.3065	30-08-18 16:39	9333.391962	Other	NA	Electronic	5.3065	5.331
WHEAT-DEC18	04-09-18	13:32-15:30			5.2365	04-09-18 14:03	1842.054349	Other	NA	Electronic	5.2365	5.261
WHEAT-DEC18	04-09-18	15:32-17:30			5.291	04-09-18 16:19	1861.225926	Other	NA	Electronic	5.2665	5.291
WHEAT-DEC18	06-09-18	13:32-15:30			5.1875	06-09-18 14:01	1824.817518	Other	NA	Electronic	5.1675	5.1875
WHEAT-DEC18	06-09-18	15:32-17:30			5.129	06-09-18 16:36	1891.12655	Other	NA	Electronic	5.129	5.1535
WHEAT-DEC18	07-09-18	13:32-15:30			5.1435	07-09-18 14:31	3673.555536	Other	NA	Electronic	5.119	5.1435
WHEAT-DEC18	10-09-18	13:32-15:30			5.1565	10-09-18 14:24	1804.062967	Other	NA	Electronic	5.1565	5.181
WHEAT-DEC18	10-09-18	15:32-17:30			5.194	10-09-18 16:12	1824.817518	Other	NA	Electronic	5.194	5.2185
WHEAT-DEC18	11-09-18	11:32-13:30			5.209	11-09-18 11:49	1866.502506	Other	NA	Electronic	5.209	5.236
WHEAT-DEC18	11-09-18	13:32-15:30			5.211	11-09-18 15:08	1833.084161	Other	NA	Electronic	5.1865	5.211
WHEAT-DEC18	11-09-18	15:32-17:30			5.2085	11-09-18 15:40	1832.204731	Other	NA	Electronic	5.184	5.2085



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WHEAT-DEC18	12-09-18	11:32-13:30			5.251	12-09-18 11:59	1847.155044	Other	NA	Electronic	5.2265	5.251
WHEAT-DEC18	12-09-18	13:32-15:30			5.219	12-09-18 13:35	1843.637323	Other	NA	Electronic	5.219	5.246
WHEAT-DEC18	12-09-18	15:32-17:30			5.1335	12-09-18 16:07	1805.821827	Other	NA	Electronic	5.109	5.1335
WHEAT-DEC18	13-09-18	09:32-11:30			5.019	13-09-18 10:21	1791.750945	Other	NA	Electronic	5.019	5.0435
WHEAT-DEC18	13-09-18	13:32-15:30			5.046	13-09-18 14:14	1775.041773	Other	NA	Electronic	5.0215	5.046
WHEAT-DEC18	13-09-18	15:32-17:30			4.9735	13-09-18 17:29	1749.538299	Other	NA	Electronic	4.949	4.9735
WHEAT-DEC18	14-09-18	11:32-13:30			5.029	14-09-18 12:29	1760.970891	Other	NA	Electronic	5.029	5.0535
WHEAT-DEC18	14-09-18	15:32-17:30			5.071	14-09-18 17:03	1783.836074	Other	NA	Electronic	5.0465	5.071
WHEAT-DEC18	17-09-18	09:32-11:30			5.1515	17-09-18 09:43	1781.197784	Other	NA	Electronic	5.1515	5.176
WHEAT-DEC18	17-09-18	11:32-13:30			5.089	17-09-18 12:21	1772.403483	Other	NA	Electronic	5.089	5.1135
WHEAT-DEC18	17-09-18	13:32-15:30			5.0985	17-09-18 13:54	1793.509806	Other	NA	Electronic	5.074	5.0985
WHEAT-DEC18	17-09-18	15:32-17:30			5.1085	17-09-18 17:02	1797.027526	Other	NA	Electronic	5.084	5.1085
WHEAT-DEC18	18-09-18	11:32-13:30			5.1215	18-09-18 12:25	1797.027526	Other	NA	Electronic	5.1215	5.146
WHEAT-DEC18	18-09-18	15:32-17:30			5.101	18-09-18 16:12	1794.389236	Other	NA	Electronic	5.0765	5.101
WHEAT-DEC18	21-09-18	13:32-15:30			5.1565	21-09-18 14:35	1813.912585	Other	NA	Electronic	5.1565	5.181

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WHEAT-DEC18	21-09-18	15:32-17:30			5.1665	21-09-18 16:06	1805.821827	Other	NA	Electronic	5.1665	5.191
WHEAT-DEC18	24-09-18	13:32-15:30			5.2785	24-09-18 13:35	1856.828775	Other	NA	Electronic	5.2515	5.2785
WHEAT-DEC18	28-09-18	13:32-15:30			5.0985	28-09-18 13:52	1793.509806	Other	NA	Electronic	5.074	5.0985
WHEAT-DEC18	28-09-18	15:32-17:30			5.1315	28-09-18 16:12	1789.112655	Other	NA	Electronic	5.1315	5.156
WHEAT-SEP18	02-07-18	13:32-15:30			4.944	02-07-18 13:54	1739.161024	Other	NA	Electronic	4.944	4.9685
WHEAT-SEP18	03-07-18	09:32-11:30			4.8815	03-07-18 10:25	1716.119954	Other	NA	Electronic	4.8815	4.906
WHEAT-SEP18	03-07-18	11:32-13:30			4.9115	03-07-18 11:45	1728.431976	Other	NA	Electronic	4.9115	4.936
WHEAT-SEP18	03-07-18	15:32-17:30			4.9015	03-07-18 16:04	1716.999384	Other	NA	Electronic	4.9015	4.926
WHEAT-SEP18	05-07-18	13:32-15:30			5.0685	05-07-18 13:46	1782.956644	Other	NA	Electronic	5.044	5.0685
WHEAT-SEP18	10-07-18	13:32-15:30			4.961	10-07-18 13:37	1745.141149	Other	NA	Electronic	4.9365	4.961
WHEAT-SEP18	11-07-18	13:32-15:30			4.804	11-07-18 15:17	1745.141149	Other	NA	Electronic	4.804	4.8285
WHEAT-SEP18	12-07-18	11:32-13:30			4.7585	12-07-18 12:06	1673.907308	Other	NA	Electronic	4.734	4.7585
WHEAT-SEP18	12-07-18	15:32-17:30			4.7665	12-07-18 16:00	1673.907308	Other	NA	Electronic	4.7665	4.791
WHEAT-SEP18	16-07-18	09:32-11:30			4.9735	16-07-18 09:36	1749.538299	Other	NA	Electronic	4.949	4.9735
WHEAT-SEP18	16-07-18	13:32-15:30			4.9385	16-07-18 13:36	1737.226277	Other	NA	Electronic	4.914	4.9385

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WHEAT-SEP18	17-07-18	13:32-15:30			4.994	17-07-18 14:37	1749.538299	Other	NA	Electronic	4.994	5.0185
WHEAT-SEP18	19-07-18	13:32-15:30			5.036	19-07-18 13:47	1732.125583	Other	NA	Electronic	5.0115	5.036
WHEAT-SEP18	25-07-18	09:32-11:30			5.1815	25-07-18 10:48	1809.339548	Other	NA	Electronic	5.1815	5.206
WHEAT-SEP18	25-07-18	13:32-15:30			5.341	25-07-18 14:10	1878.814528	Other	NA	Electronic	5.3165	5.341
WHEAT-SEP18	25-07-18	15:32-17:30			5.4435	25-07-18 16:25	1914.871163	Other	NA	Electronic	5.419	5.4435
WHEAT-SEP18	26-07-18	11:32-13:30			5.504	26-07-18 11:48	1936.153373	Other	NA	Electronic	5.504	5.5285
WHEAT-SEP18	26-07-18	13:32-15:30			5.541	26-07-18 14:02	1937.032803	Other	NA	Electronic	5.5165	5.541
WHEAT-SEP18	27-07-18	11:32-13:30			5.3015	27-07-18 11:51	1864.919532	Other	NA	Electronic	5.3015	5.326
WHEAT-SEP18	27-07-18	13:32-15:30			5.3685	27-07-18 13:53	1888.48826	Other	NA	Electronic	5.344	5.3685
WHEAT-SEP18	30-07-18	09:32-11:30			5.4035	30-07-18 10:36	1900.800281	Other	NA	Electronic	5.379	5.4035
WHEAT-SEP18	30-07-18	13:32-15:30			5.4935	30-07-18 13:46	1932.459766	Other	NA	Electronic	5.469	5.4935
WHEAT-SEP18	30-07-18	15:32-17:30			5.451	30-07-18 17:23	1924.720781	Other	NA	Electronic	5.4265	5.451
WHEAT-SEP18	31-07-18	11:32-13:30			5.4935	31-07-18 12:08	1932.459766	Other	NA	Electronic	5.4665	5.4935
WHEAT-SEP18	31-07-18	13:32-15:30			5.5865	31-07-18 13:35	1930.700906	Other	NA	Electronic	5.5865	5.611
WHEAT-SEP18	01-08-18	09:32-11:30			5.576	01-08-18 09:42	1961.48096	Other	NA	Electronic	5.5515	5.576

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WHEAT-SEP18	01-08-18	11:32-13:30			5.591	01-08-18 12:16	1961.656846	Other	NA	Electronic	5.564	5.591
WHEAT-SEP18	01-08-18	13:32-15:30			5.5965	01-08-18 13:37	1932.459766	Other	NA	Electronic	5.5965	5.621
WHEAT-SEP18	02-08-18	09:32-11:30			5.6465	02-08-18 10:38	3972.56178	Other	NA	Electronic	5.6465	5.671
WHEAT-SEP18	02-08-18	11:32-13:30			5.701	02-08-18 12:16	2005.452467	Other	NA	Electronic	5.674	5.701
WHEAT-SEP18	02-08-18	13:32-15:30			5.6885	02-08-18 13:47	2001.055316	Other	NA	Electronic	5.664	5.6885
WHEAT-SEP18	02-08-18	15:30-15:32	5.799	2005.452467								
WHEAT-SEP18	03-08-18	11:32-13:30			5.6265	03-08-18 11:54	1979.245449	Other	NA	Electronic	5.6265	5.651
WHEAT-SEP18	03-08-18	13:32-15:30			5.614	03-08-18 13:58	1980.828423	Other	NA	Electronic	5.614	5.6385
WHEAT-SEP18	06-08-18	09:32-11:30			5.529	06-08-18 09:33	1944.947674	Other	NA	Electronic	5.529	5.5535
WHEAT-SEP18	07-08-18	11:32-13:30			5.824	07-08-18 11:59	1975.551842	Other	NA	Electronic	5.824	5.8485
WHEAT-SEP18	07-08-18	13:32-15:30			5.709	07-08-18 13:52	1961.48096	Other	NA	Electronic	5.709	5.7335
WHEAT-SEP18	08-08-18	09:32-11:30			5.7485	08-08-18 10:00	2022.161639	Other	NA	Electronic	5.724	5.7485
WHEAT-SEP18	08-08-18	13:32-15:30			5.7685	08-08-18 13:55	2029.19708	Other	NA	Electronic	5.744	5.7685
WHEAT-SEP18	09-08-18	09:32-11:30			5.671	09-08-18 10:28	2010.025503	Other	NA	Electronic	5.6465	5.671
WHEAT-SEP18	09-08-18	13:32-15:30			5.664	09-08-18 13:35	1989.622724	Other	NA	Electronic	5.664	5.6885

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WHEAT-SEP18	10-08-18	09:32-11:30			5.644	10-08-18 09:57	1994.019875	Other	NA	Electronic	5.644	5.6685
WHEAT-SEP18	10-08-18	11:32-13:30			5.649	10-08-18 12:36	1993.140445	Other	NA	Electronic	5.649	5.6735
WHEAT-SEP18	10-08-18	13:32-15:30			5.6515	10-08-18 15:16	1976.431273	Other	NA	Electronic	5.6515	5.676
WHEAT-SEP18	10-08-18	15:32-17:30			5.6235	10-08-18 16:01	1978.190133	Other	NA	Electronic	5.5965	5.6235
WHEAT-SEP18	13-08-18	15:32-17:30			5.361	13-08-18 15:40	1885.849969	Other	NA	Electronic	5.3365	5.361
WHEAT-SEP18	15-08-18	09:30-09:32	5.3565	3775.393545								
WHEAT-SEP18	15-08-18	13:32-15:30			5.371	15-08-18 13:48	1889.36769	Other	NA	Electronic	5.3465	5.371
WHEAT-SEP18	16-08-18	09:32-11:30			5.379	16-08-18 09:54	1892.181866	Other	NA	Electronic	5.379	5.4035
WHEAT-SEP18	16-08-18	13:32-15:30			5.451	16-08-18 13:35	1917.509454	Other	NA	Electronic	5.424	5.451
WHEAT-SEP18	16-08-18	15:30-15:32	5.404	1889.36769								
WHEAT-SEP18	17-08-18	09:32-11:30			5.486	17-08-18 10:28	1929.821476	Other	NA	Electronic	5.4615	5.486
WHEAT-SEP18	17-08-18	11:32-13:30			5.5785	17-08-18 12:34	1962.36039	Other	NA	Electronic	5.554	5.5785
WHEAT-SEP18	17-08-18	13:32-15:30			5.549	17-08-18 13:35	1928.062615	Other	NA	Electronic	5.549	5.5735
WHEAT-SEP18	20-08-18	11:32-13:30			5.509	20-08-18 11:35	1937.912233	Other	NA	Electronic	5.509	5.536
WHEAT-SEP18	20-08-18	13:32-15:30			5.4565	20-08-18 13:35	1935.977487	Other	NA	Electronic	5.4565	5.481

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WHEAT-SEP18	20-08-18	15:32-17:30			5.461	20-08-18 16:59	1921.027174	Other	NA	Electronic	5.434	5.461
WHEAT-SEP18	21-08-18	15:32-17:30			5.281	21-08-18 17:25	1857.708205	Other	NA	Electronic	5.254	5.281
WHEAT-SEP18	22-08-18	09:32-11:30			5.241	22-08-18 11:17	1843.637323	Other	NA	Electronic	5.214	5.241
WHEAT-SEP18	22-08-18	13:32-15:30			5.281	22-08-18 14:07	1857.708205	Other	NA	Electronic	5.254	5.281
WHEAT-SEP18	23-08-18	13:32-15:30			5.1715	23-08-18 13:35	1843.637323	Other	NA	Electronic	5.1715	5.1985
WHEAT-SEP18	27-08-18	13:32-15:30			5.061	27-08-18 13:37	1780.318354	Other	NA	Electronic	5.0365	5.061
WHEAT-SEP18	27-08-18	15:32-17:30			4.999	27-08-18 17:01	1787.353795	Other	NA	Electronic	4.9965	5.0235
WHEAT-SEP18	28-08-18	09:32-11:30			5.041	28-08-18 10:50	1773.282913	Other	NA	Electronic	5.014	5.041
WHEAT-SEP18	28-08-18	13:32-15:30			4.979	28-08-18 13:39	1762.729751	Other	NA	Electronic	4.979	5.006
WHEAT-SEP18	29-08-18	09:32-11:30			5.046	29-08-18 09:37	1775.041773	Other	NA	Electronic	5.019	5.046
WHEAT-SEP18	29-08-18	11:32-13:30			5.1215	29-08-18 12:29	1773.282913	Other	NA	Electronic	5.1215	5.1485
WHEAT-SEP18	29-08-18	13:32-15:30			5.1215	29-08-18 13:35	1780.318354	Other	NA	Electronic	5.1215	5.1485
Whirlpool	24-07-18	13:32-15:30			129.47	24-07-18 14:47	3415.794565	Other	NA	Electronic	129.09	129.47
Whirlpool	24-07-18	15:32-17:30			129.88	24-07-18 15:39	3415.794565	Other	NA	Electronic	129.88	130.27
Whirlpool	25-07-18	13:32-15:30			125.13	25-07-18 14:24	3301.292762	Other	NA	Electronic	124.87	125.13

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Whirlpool	26-07-18	13:32-15:30			125.68	26-07-18 13:44	3301.292762	Other	NA	Electronic	125.68	126.12
Whitbread	22-08-18	09:32-11:30			40.09	22-08-18 10:46	443.3814634	Other	NA	Electronic	40.09	40.17
Williams	02-07-18	13:32-15:30			26.96	02-07-18 15:03	732.3894117	Other	NA	Electronic	26.96	27.02
Wirecard	24-09-18	11:32-13:30			183.22	24-09-18 13:05	1832.2	Other	NA	Electronic	182.84	183.22
Wirecard	26-09-18	09:32-11:30			193.47	26-09-18 09:48	1934.7	Other	NA	Electronic	193.09	193.47
Wirecard	26-09-18	13:32-15:30			190.94	26-09-18 13:50	1934.7	Other	NA	Electronic	190.94	191.37
Wirecard	27-09-18	09:32-11:30			190.22	27-09-18 10:53	1902.2	Other	NA	Electronic	189.84	190.22
WPP	03-07-18	13:32-15:30			11.57	03-07-18 14:53	256.8171981	Other	NA	Electronic	11.57	11.6
WPP	20-09-18	13:32-15:30			11.2	20-09-18 13:38	124.3021875	Other	NA	Electronic	11.17	11.2
Wynn Resorts	09-07-18	13:32-15:30			159.76	09-07-18 15:09	1404.977575	Other	NA	Electronic	159.76	160.05
Wynn Resorts	02-08-18	13:32-15:30			150.94	02-08-18 13:40	1547.884971	Other	NA	Electronic	150.94	151.54
Wynn Resorts	18-09-18	13:32-15:30			131.4	18-09-18 14:06	1155.57119	Other	NA	Electronic	131.4	131.73
Xerox	03-07-18	15:32-17:30			24.31	03-07-18 16:35	213.7894644	Other	NA	Electronic	24.31	24.37
Xerox	05-07-18	13:32-15:30			24.12	05-07-18 13:54	213.7894644	Other	NA	Electronic	24.05	24.12
Xerox	25-07-18	13:32-15:30			24.44	25-07-18 14:38	429.8654472	Other	NA	Electronic	24.38	24.44

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Xerox	26-07-18	13:32-15:30			25.4	26-07-18 13:48	429.8654472	Other	NA	Electronic	25.4	25.5
Xerox	21-08-18	15:32-17:30			27.77	21-08-18 17:17	236.6546478	Other	NA	Electronic	27.77	27.83
Xerox	27-09-18	15:32-17:30			27.03	27-09-18 17:27	237.7099639	Other	NA	Electronic	26.97	27.03
Xilinx	12-07-18	13:32-15:30			67.77	12-07-18 14:01	595.9897986	Other	NA	Electronic	67.69	67.77
Xilinx	07-08-18	13:32-15:30			73.03	07-08-18 13:42	620.5258992	Other	NA	Electronic	73.03	73.15
Xilinx	17-08-18	15:32-17:30			70.49	17-08-18 17:24	595.9897986	Other	NA	Electronic	70.49	70.56
Xilinx	21-08-18	13:32-15:30			71.33	21-08-18 13:40	620.5258992	Other	NA	Electronic	71.33	71.48
Xilinx	04-09-18	13:32-15:30			77.1	04-09-18 13:41	678.0406297	Other	NA	Electronic	76.99	77.1
Xilinx	04-09-18	15:32-17:30			78.01	04-09-18 16:11	678.0406297	Other	NA	Electronic	78.01	78.09
XRPUSD	18-09-18	09:32-11:30			0.2754	18-09-18 09:54	60.5487644	Other	NA	Electronic	0.27128	0.2754
XRPUSD	18-09-18	11:32-13:30			0.29547	18-09-18 11:39	60.5487644	Other	NA	Electronic	0.29547	0.29977
XRPUSD	18-09-18	13:32-15:30			0.32311	18-09-18 14:11	113.6610676	Other	NA	Electronic	0.31885	0.32311
XRPUSD	18-09-18	15:32-17:30			0.32851	18-09-18 16:02	86.67047753	Other	NA	Electronic	0.32249	0.32851
XRPUSD	19-09-18	09:32-11:30			0.325	19-09-18 10:19	28.5814792	Other	NA	Electronic	0.32056	0.325
XRPUSD	19-09-18	11:32-13:30			0.31441	19-09-18 11:42	29.37648404	Other	NA	Electronic	0.31441	0.31825



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XRPUSD	19-09-18	13:32-15:30			0.32274	19-09-18 14:30	56.76545598	Other	NA	Electronic	0.31878	0.32274
XRPUSD	20-09-18	09:32-11:30			0.33704	20-09-18 10:59	29.64031308	Other	NA	Electronic	0.33274	0.33704
XRPUSD	20-09-18	11:32-13:30			0.35425	20-09-18 11:37	663.8510245	Other	NA	Electronic	0.35425	0.3592
XRPUSD	20-09-18	13:32-15:30			0.37246	20-09-18 13:43	32.7552546	Other	NA	Electronic	0.3681	0.37246
XRPUSD	21-09-18	09:32-11:30			0.47328	21-09-18 09:54	41.62166916	Other	NA	Electronic	0.46925	0.47328
XRPUSD	21-09-18	11:32-13:30			0.51065	21-09-18 11:33	89.8161991	Other	NA	Electronic	0.50518	0.51065
XRPUSD	21-09-18	13:32-15:30			0.58536	21-09-18 13:39	154.4349661	Other	NA	Electronic	0.57863	0.58536
XRPUSD	21-09-18	15:32-17:30			0.64117	21-09-18 15:34	563.864216	Other	NA	Electronic	0.64117	0.64995
XRPUSD	24-09-18	09:32-11:30			0.51762	24-09-18 09:47	136.5631871	Other	NA	Electronic	0.50998	0.51762
XRPUSD	24-09-18	11:32-13:30			0.53286	24-09-18 12:50	140.5839416	Other	NA	Electronic	0.52729	0.53286
XRPUSD	24-09-18	13:32-15:30			0.53234	24-09-18 13:50	134.4683845	Other	NA	Electronic	0.52643	0.53234
XRPUSD	24-09-18	15:32-17:30			0.51419	24-09-18 15:36	135.6582535	Other	NA	Electronic	0.51419	0.51966
XRPUSD	25-09-18	09:32-11:30			0.4509	25-09-18 10:35	118.9605136	Other	NA	Electronic	0.44633	0.4509
XRPUSD	25-09-18	11:32-13:30			0.44408	25-09-18 11:53	117.1611995	Other	NA	Electronic	0.43916	0.44408
XRPUSD	25-09-18	13:32-15:30			0.45469	25-09-18 14:23	119.9604256	Other	NA	Electronic	0.4501	0.45469

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XRPUSD	25-09-18	15:32-17:30			0.45964	25-09-18 16:31	404.2212646	Other	NA	Electronic	0.45583	0.45964
XRPUSD	26-09-18	09:32-11:30			0.51953	26-09-18 09:43	471.541641	Other	NA	Electronic	0.51953	0.52471
XRPUSD	26-09-18	11:32-13:30			0.5569	26-09-18 11:37	195.9018556	Other	NA	Electronic	0.55168	0.5569
XRPUSD	26-09-18	13:32-15:30			0.54589	26-09-18 14:00	144.021634	Other	NA	Electronic	0.54055	0.54589
XRPUSD	26-09-18	15:32-17:30			0.5281	26-09-18 15:52	2320.112567	Other	NA	Electronic	0.5281	0.5338
XRPUSD	27-09-18	09:32-11:30			0.53449	27-09-18 10:24	141.0139829	Other	NA	Electronic	0.52822	0.53449
XRPUSD	27-09-18	11:32-13:30			0.5247	27-09-18 13:12	138.4310966	Other	NA	Electronic	0.52057	0.5247
XRPUSD	27-09-18	13:32-15:30			0.5207	27-09-18 14:05	138.4310966	Other	NA	Electronic	0.5207	0.52488
XRPUSD	27-09-18	15:32-17:30			0.52497	27-09-18 16:21	138.5023305	Other	NA	Electronic	0.52015	0.52497
XRPUSD	28-09-18	09:32-11:30			0.52689	28-09-18 09:50	274.7251781	Other	NA	Electronic	0.52048	0.52689
XRPUSD	28-09-18	11:32-13:30			0.5241	28-09-18 11:40	3844.160584	Other	NA	Electronic	0.5241	0.52823
XRPUSD	28-09-18	13:32-15:30			0.53506	28-09-18 14:50	141.1643655	Other	NA	Electronic	0.52975	0.53506
XRPUSD	28-09-18	15:32-17:30			0.53173	28-09-18 16:38	1532.63829	Other	NA	Electronic	0.52662	0.53173
YumBrands	06-07-18	13:32-15:30			78	06-07-18 14:39	725.0901416	Other	NA	Electronic	78	78.08