

### Appendix – data on Danske Bank A/S's share buy-back transactions in week 46 2017

We enclose share buy-back transactions data in detailed and aggregated form in accordance with Commission Delegated Regulation (EU) 2016/1052 of 8 March 2016 supplementing Regulation (EU) No 596/2014 of the European Parliament and of the Council with regard to regulatory technical standards for the conditions applicable to buy-back programmes and stabilisation measures article 2.

All transactions are made by Danske Bank A/S on behalf of Danske Bank A/S.

#### Transactions per trading venue in week 46 2017

13 November 2017	Number of shares	VWAP DKK	Gross value DKK
BATD			
BATE			
CHID			
CHIX			
DCSE			
TRQM			
TRQX			
XCSE	175,000	239.77	41,959,750
Total	175,000	239.77	41,959,750

14 November 2017	Number of shares	VWAP DKK	Gross value DKK
BATD			
BATE			
CHID			
CHIX			
DCSE			
TRQM			
TRQX			
XCSE	175,000	236.14	41,324,500
Total	175,000	236.14	41,324,500

15 November 2017	Number of shares	VWAP DKK	Gross value DKK
BATD			
BATE	650	232.92	151,398
CHID			
CHIX	690	233.57	161,163
DCSE			
TRQM			
TRQX	2,020	233.20	471,064
XCSE	173,640	233.76	40,590,086
Total	177,000	233.75	41,373,750

16 November 2017	Number of shares	VWAP DKK	Gross value DKK
BATD			
BATE	930	233.38	217,043
CHID	1,841	233.23	429,376
CHIX	1,058	233.36	246,895
DCSE			
TRQM	369	233.45	86,143
TRQX	1,440	233.55	336,312
XCSE	172,362	233.77	40,293,065
Total	178,000	233.76	41,609,280

17 November 2017	Number of shares	VWAP DKK	Gross value DKK
BATD	1,113	235.18	261,755
BATE	2,153	235.31	506,622
CHID			
CHIX	3,548	235.30	834,844
DCSE			
TRQM	2,580	235.18	606,764
TRQX	2,821	235.28	663,725
XCSE	162,785	235.11	38,272,381
Total	175,000	235.12	41,146,000

## Transactions 13 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
833	243	XCSE	20171113 9:00:10.061000	272	241.5	XCSE	20171113 10:12:36.814000	300	240.5	XCSE	20171113 12:22:29.447150
412	243	XCSE	20171113 9:00:10.061000	304	241.5	XCSE	20171113 10:12:36.815000	255	240.5	XCSE	20171113 12:22:29.447150
315	242.8	XCSE	20171113 9:02:48.437000	5000	241.5	XCSE	20171113 10:14:37.622803	3000	240.5	XCSE	20171113 12:22:30.873322
138	242.8	XCSE	20171113 9:02:48.437000	286	241.4	XCSE	20171113 10:15:58.855000	10	240.5	XCSE	20171113 12:22:30.873361
291	242.1	XCSE	20171113 9:02:53.723000	290	241.3	XCSE	20171113 10:16:23.115000	1010	240.5	XCSE	20171113 12:22:30.873364
267	242.1	XCSE	20171113 9:02:53.744000	203	241.3	XCSE	20171113 10:16:23.115000	285	240.3	XCSE	20171113 12:24:53.079000
24	242.1	XCSE	20171113 9:02:53.744000	247	241.1	XCSE	20171113 10:18:37.314000	116	240.4	XCSE	20171113 12:28:24.975000
58	242.1	XCSE	20171113 9:02:53.744000	60	241	XCSE	20171113 10:20:28.025000	374	240.4	XCSE	20171113 12:28:25.000000
84	242.1	XCSE	20171113 9:02:53.765000	186	241	XCSE	20171113 10:20:28.025000	213	240.4	XCSE	20171113 12:28:25.005000
278	241.8	XCSE	20171113 9:03:42.274000	265	241.1	XCSE	20171113 10:24:51.054000	13	240.3	XCSE	20171113 12:32:08.634000
30	241.8	XCSE	20171113 9:03:42.304000	93	241.1	XCSE	20171113 10:24:51.054000	262	240.3	XCSE	20171113 12:33:51.374000
315	240.5	XCSE	20171113 9:04:24.772000	93	241.1	XCSE	20171113 10:24:51.054000	132	240.3	XCSE	20171113 12:35:46.853000
276	240.9	XCSE	20171113 9:05:25.449000	93	241.1	XCSE	20171113 10:24:51.054000	280	240.6	XCSE	20171113 12:41:10.744000
31	240.9	XCSE	20171113 9:05:25.449000	25	241.1	XCSE	20171113 10:24:51.054000	238	240.6	XCSE	20171113 12:41:10.744000
268	241.4	XCSE	20171113 9:05:09.075000	98	241	XCSE	20171113 10:24:58.940000	300	240.6	XCSE	20171113 12:41:11.768000
45	241.4	XCSE	20171113 9:05:09.075000	255	241	XCSE	20171113 10:24:58.950000	280	240.6	XCSE	20171113 12:41:11.768000
286	241.3	XCSE	20171113 9:07:01.099000	272	240.8	XCSE	20171113 10:27:08.240000	45	240.6	XCSE	20171113 12:41:11.799000
21	241.3	XCSE	20171113 9:07:01.099000	431	240.8	XCSE	20171113 10:29:22.862000	267	240.5	XCSE	20171113 12:46:12.405000
314	241.3	XCSE	20171113 9:07:34.772000	776	240.6	XCSE	20171113 10:31:42.982000	421	240.5	XCSE	20171113 12:48:23.425000
634	241.2	XCSE	20171113 9:09:02.025000	300	240.6	XCSE	20171113 10:31:42.982000	149	240.5	XCSE	20171113 12:50:19.122000
195	241.1	XCSE	20171113 9:09:46.276000	255	240.6	XCSE	20171113 10:31:48.699000	133	240.5	XCSE	20171113 12:51:04.025000
110	241.1	XCSE	20171113 9:09:46.298000	245	240.7	XCSE	20171113 10:32:42.379000	281	240.3	XCSE	20171113 12:54:17.939000
994	241.3	XCSE	20171113 9:11:27.687428	729	240.9	XCSE	20171113 10:39:14.671000	3000	240.2	XCSE	20171113 12:55:43.301061
560	241.3	XCSE	20171113 9:11:27.699867	228	240.9	XCSE	20171113 10:39:14.671000	241	240.1	XCSE	20171113 12:56:09.244000
25	241.3	XCSE	20171113 9:11:27.766602	279	240.8	XCSE	20171113 10:40:54.305000	40	240.1	XCSE	20171113 12:56:09.298000
143	241.3	XCSE	20171113 9:12:06.688955	100	240.9	XCSE	20171113 10:43:14.127000	24	240	XCSE	20171113 13:00:15.931000
666	241.3	XCSE	20171113 9:12:06.761000	692	241	XCSE	20171113 10:45:25.147000	246	240	XCSE	20171113 13:00:15.931000
1278	241.3	XCSE	20171113 9:12:06.761614	396	240.9	XCSE	20171113 10:49:21.070000	381	240.1	XCSE	20171113 13:05:08.068000
166	241.3	XCSE	20171113 9:12:06.785000	264	240.8	XCSE	20171113 10:49:49.549000	284	240	XCSE	20171113 13:05:48.194000
314	241.3	XCSE	20171113 9:13:11.913000	315	240.8	XCSE	20171113 10:50:57.878000	135	240	XCSE	20171113 13:08:10.787000
257	241.3	XCSE	20171113 9:13:54.374000	460	240.8	XCSE	20171113 10:50:57.878000	126	240	XCSE	20171113 13:08:24.352000
258	241.2	XCSE	20171113 9:14:59.751000	314	240.7	XCSE	20171113 10:53:17.933000	263	240	XCSE	20171113 13:09:00.458000
404	241.2	XCSE	20171113 9:16:27.014000	463	240.7	XCSE	20171113 10:53:17.933000	78	240	XCSE	20171113 13:12:36.862000
303	241.2	XCSE	20171113 9:18:26.717000	299	240.7	XCSE	20171113 10:53:46.267000	168	240	XCSE	20171113 13:20:06.132000
100	241.2	XCSE	20171113 9:18:45.036000	558	241	XCSE	20171113 10:57:44.437000	136	240	XCSE	20171113 13:23:25.963000
100	241.2	XCSE	20171113 9:18:47.932000	4	241	XCSE	20171113 10:57:44.438000	579	240	XCSE	20171113 13:23:25.988000
267	241.2	XCSE	20171113 9:19:18.907000	265	241	XCSE	20171113 10:59:48.302000	79	240	XCSE	20171113 13:23:25.999000
323	241	XCSE	20171113 9:22:05.431000	143	241.1	XCSE	20171113 11:01:42.362000	14	240	XCSE	20171113 13:23:44.661000
140	241	XCSE	20171113 9:22:15.095000	122	241.1	XCSE	20171113 11:01:43.898000	280	240	XCSE	20171113 13:23:44.661000
309	241	XCSE	20171113 9:22:15.095000	141	241.3	XCSE	20171113 11:07:42.962000	267	240.1	XCSE	20171113 13:27:43.879000
150	240.8	XCSE	20171113 9:23:09.356000	183	241.3	XCSE	20171113 11:07:43.008000	276	239.7	XCSE	20171113 13:32:47.074000
107	240.8	XCSE	20171113 9:23:21.762000	243	241.3	XCSE	20171113 11:07:43.008000	288	239.6	XCSE	20171113 13:32:57.046000
370	241.2	XCSE	20171113 9:25:53.589000	264	241.2	XCSE	20171113 11:10:18.407000	100	239.6	XCSE	20171113 13:33:02.670000
297	241.2	XCSE	20171113 9:25:54.595000	5	241.2	XCSE	20171113 11:10:18.407000	121	239.6	XCSE	20171113 13:33:02.670000
314	241.7	XCSE	20171113 9:28:22.663000	242	241.3	XCSE	20171113 11:11:00.869000	588	239.6	XCSE	20171113 13:44:16.341000
221	241.7	XCSE	20171113 9:28:22.664000	292	241.4	XCSE	20171113 11:12:13.432000	203	239.6	XCSE	20171113 13:44:16.341000
111	241.7	XCSE	20171113 9:28:22.679000	131	241.5	XCSE	20171113 11:19:20.529000	657	239.5	XCSE	20171113 13:49:11.575000
77	241.4	XCSE	20171113 9:29:37.214000	542	241.5	XCSE	20171113 11:20:15.078000	433	239.4	XCSE	20171113 13:49:27.157000
9	241.4	XCSE	20171113 9:31:43.061000	3	241.5	XCSE	20171113 11:22:42.756000	169	239.4	XCSE	20171113 13:49:27.157000
518	241.4	XCSE	20171113 9:31:43.082000	20	241.5	XCSE	20171113 11:22:42.756000	295	239.2	XCSE	20171113 13:50:42.148000
86	241.4	XCSE	20171113 9:31:43.082000	171	241.5	XCSE	20171113 11:22:42.756000	24	239.2	XCSE	20171113 13:52:46.794000
290	241.3	XCSE	20171113 9:33:13.433000	479	241.5	XCSE	20171113 11:22:42.777000	703	239.2	XCSE	20171113 13:53:32.308000
290	241.2	XCSE	20171113 9:34:06.287000	290	241.5	XCSE	20171113 11:22:42.777000	274	238.8	XCSE	20171113 13:55:18.356000
289	240.9	XCSE	20171113 9:35:18.759000	96	241.5	XCSE	20171113 11:22:42.780000	276	238.6	XCSE	20171113 13:59:16.287000
339	240.5	XCSE	20171113 9:37:01.238873	4500	241.5	XCSE	20171113 11:22:54.677458	391	238.4	XCSE	20171113 13:59:49.022000
154	240.5	XCSE	20171113 9:37:01.238873	82	241.4	XCSE	20171113 11:25:31.568000	463	238.6	XCSE	20171113 14:10:32.293000
500	240.5	XCSE	20171113 9:37:01.356320	302	241.5	XCSE	20171113 11:27:53.609000	603	238.6	XCSE	20171113 14:10:32.293000
640	240.8	XCSE	20171113 9:38:10.103000	1198	241.6	XCSE	20171113 11:29:59.309000	497	238.5	XCSE	20171113 14:13:56.676000
181	240.5	XCSE	20171113 9:38:43.186221	278	241.6	XCSE	20171113 11:29:59.309000	618	238.3	XCSE	20171113 14:17:02.335000
288	240.5	XCSE	20171113 9:40:40.733000	258	241.2	XCSE	20171113 11:31:43.147000	7	238.3	XCSE	20171113 14:17:02.351000
319	240.5	XCSE	20171113 9:40:40.733007	214	241.3	XCSE	20171113 11:39:02.864000	421	238.2	XCSE	20171113 14:18:27.256000
80	240.5	XCSE	20171113 9:40:40.733078	197	241.3	XCSE	20171113 11:39:09.741000	7	238.2	XCSE	20171113 14:18:27.318000
500	240.5	XCSE	20171113 9:40:40.733087	184	241.3	XCSE	20171113 11:40:19.465000	258	238.1	XCSE	20171113 14:20:04.210000
100	240.5	XCSE	20171113 9:40:40.733087	1408	241.2	XCSE	20171113 11:41:38.153000	302	238	XCSE	20171113 14:20:32.703000
435	240.5	XCSE	20171113 9:40:40.733119	210	241.1	XCSE	20171113 11:43:08.208000	267	238.1	XCSE	20171113 14:25:13.247000
435	240.5	XCSE	20171113 9:40:40.733124	56	241.1	XCSE	20171113 11:43:08.208000	707	238	XCSE	20171113 14:27:45.801000
457	240.5	XCSE	20171113 9:40:40.733137	30	241	XCSE	20171113 11:49:56.523000	10	237.8	XCSE	20171113 14:30:34.144000
305	240.4	XCSE	20171113 9:40:54.116000	470	241	XCSE	20171113 11:49:56.523000	317	237.8	XCSE	20171113 14:31:08.246000
39	240.4	XCSE	20171113 9:40:54.116000	35	241	XCSE	20171113 11:49:56.523000	155	237.8	XCSE	20171113 14:31:12.483000
747	240.7	XCSE	20171113 9:45:42.625000	387	240.8	XCSE	20171113 11:54:33.725000	10	237.9	XCSE	20171113 14:35:15.734000
172	240.7	XCSE	20171113 9:45:42.625000	258	240.6	XCSE	20171113 11:58:10.442000	1172	237.9	XCSE	20171113 14:35:15.734000
92	240.7	XCSE	20171113 9:45:42.643000	157	240.6	XCSE	20171113 11:58:10.442546	46	237.9	XCSE	20171113 14:35:15.734000
307	240.7	XCSE	20171113 9:48:14.455000	1410	240.6	XCSE	20171113 11:58:10.442605	294	237.8	XCSE	20171113 14:35:58.195000
242	240.7	XCSE	20171113 9:48:14.475000	583	240.6	XCSE	20171113 11:58:10.442640	278	237.7	XCSE	20171113 14:39:00

## Transactions 13 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
191	237.7	XCSE	20171113 14:51:31.732473	22	239.1	XCSE	20171113 16:27:04.557000
272	237.7	XCSE	20171113 14:51:31.732508	79	239.1	XCSE	20171113 16:27:04.557000
1049	237.6	XCSE	20171113 14:53:52.855000	199	239.2	XCSE	20171113 16:30:43.875000
175	237.6	XCSE	20171113 14:54:33.692000	203	239.2	XCSE	20171113 16:31:32.785000
196	237.6	XCSE	20171113 14:57:40.342000	9	239.2	XCSE	20171113 16:31:32.814000
597	237.6	XCSE	20171113 14:58:43.791000	<u>6228</u>	<u>239</u>	<u>XCSE</u>	<u>20171113 16:34:25.448228</u>
190	237.6	XCSE	20171113 14:58:43.792000				
295	237.5	XCSE	20171113 14:59:51.041000	<u>175,000</u>	<u>239.77</u>		
551	237.4	XCSE	20171113 15:00:14.246000				
363	237.4	XCSE	20171113 15:00:14.246000				
144	237.4	XCSE	20171113 15:00:51.762016				
300	237.4	XCSE	20171113 15:00:51.762016				
336	237.4	XCSE	20171113 15:00:51.762016				
287	237.4	XCSE	20171113 15:00:51.762016				
300	237.4	XCSE	20171113 15:00:51.762016				
2	237.4	XCSE	20171113 15:00:51.762016				
354	237.4	XCSE	20171113 15:00:51.762016				
1833	237.4	XCSE	20171113 15:00:51.762016				
1608	237.4	XCSE	20171113 15:00:51.929766				
836	237.4	XCSE	20171113 15:01:17.898918				
428	237.4	XCSE	20171113 15:02:28.246000				
7000	237.4	XCSE	20171113 15:02:37.960708				
381	237.5	XCSE	20171113 15:04:47.704000				
648	237.6	XCSE	20171113 15:09:51.017000				
123	237.6	XCSE	20171113 15:09:51.017000				
299	237.6	XCSE	20171113 15:11:45.104000				
665	237.7	XCSE	20171113 15:15:17.817000				
82	237.7	XCSE	20171113 15:16:32.667000				
331	237.7	XCSE	20171113 15:16:41.595000				
699	237.8	XCSE	20171113 15:21:56.273000				
615	237.8	XCSE	20171113 15:21:56.273000				
300	237.8	XCSE	20171113 15:21:56.273000				
231	237.8	XCSE	20171113 15:21:56.273000				
171	237.8	XCSE	20171113 15:24:16.909000				
143	237.8	XCSE	20171113 15:24:40.967000				
32	237.8	XCSE	20171113 15:24:40.967000				
98	237.8	XCSE	20171113 15:24:40.968000				
183	237.7	XCSE	20171113 15:27:21.584000				
243	237.7	XCSE	20171113 15:27:21.584000				
248	237.7	XCSE	20171113 15:27:21.584000				
390	237.6	XCSE	20171113 15:30:51.803000				
621	237.7	XCSE	20171113 15:33:21.456000				
513	237.7	XCSE	20171113 15:33:21.456000				
314	237.7	XCSE	20171113 15:36:34.667000				
300	237.7	XCSE	20171113 15:36:34.667000				
314	237.7	XCSE	20171113 15:36:48.438000				
278	237.7	XCSE	20171113 15:36:56.018000				
151	237.7	XCSE	20171113 15:38:47.672000				
848	238	XCSE	20171113 15:44:53.635000				
264	238	XCSE	20171113 15:46:24.022000				
264	238	XCSE	20171113 15:47:57.455000				
264	238	XCSE	20171113 15:48:01.316000				
169	238	XCSE	20171113 15:48:01.316000				
300	238	XCSE	20171113 15:48:01.316000				
41	238	XCSE	20171113 15:48:01.316000				
264	238	XCSE	20171113 15:48:01.316000				
656	238	XCSE	20171113 15:48:01.316000				
240	238	XCSE	20171113 15:48:01.318000				
24	238	XCSE	20171113 15:48:01.320000				
227	238	XCSE	20171113 15:48:01.320000				
76	238	XCSE	20171113 15:48:01.320000				
188	238	XCSE	20171113 15:48:01.320000				
487	238.1	XCSE	20171113 15:51:03.591000				
103	238.1	XCSE	20171113 15:51:03.591000				
487	238.1	XCSE	20171113 15:51:03.591000				
793	238.3	XCSE	20171113 15:55:49.168000				
661	238.3	XCSE	20171113 15:55:49.168000				
202	238.3	XCSE	20171113 15:57:11.363000				
261	238.3	XCSE	20171113 15:57:18.579000				
62	238.5	XCSE	20171113 15:59:41.038000				
472	238.5	XCSE	20171113 15:59:41.042000				
262	238.5	XCSE	20171113 15:59:41.060000				
139	238.5	XCSE	20171113 15:59:41.060000				
133	238.5	XCSE	20171113 15:59:41.060000				
310	238.5	XCSE	20171113 15:59:41.060000				
249	238.5	XCSE	20171113 15:59:41.580000				
176	238.5	XCSE	20171113 15:59:41.698000				
109	238.5	XCSE	20171113 15:59:42.042000				
169	238.5	XCSE	20171113 15:59:42.125000				
365	238.5	XCSE	20171113 15:59:43.043000				
86	238.5	XCSE	20171113 15:59:43.255000				
61	238.5	XCSE	20171113 15:59:43.760000				
95	238.5	XCSE	20171113 15:59:44.044000				
784	238.8	XCSE	20171113 16:03:38.771000				
258	238.8	XCSE	20171113 16:04:41.909000				
261	238.8	XCSE	20171113 16:06:37.618000				
258	238.8	XCSE	20171113 16:07:51.142000				
260	238.9	XCSE	20171113 16:08:58.315000				
407	238.9	XCSE	20171113 16:10:47.247000				
8	238.9	XCSE	20171113 16:10:47.469000				
311	238.7	XCSE	20171113 16:12:09.839000				
258	238.8	XCSE	20171113 16:15:20.480000				
86	238.7	XCSE	20171113 16:15:46.113000				
347	238.7	XCSE	20171113 16:15:46.113000				
15	238.7	XCSE	20171113 16:17:18.963000				
253	238.7	XCSE	20171113 16:17:18.963000				
124	238.7	XCSE	20171113 16:19:50.418000				
39	238.7	XCSE	20171113 16:21:16.629000				
204	239.1	XCSE	20171113 16:27:04.556000				
900	239.1	XCSE	20171113 16:27:04.556000				

## Transactions 14 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
445	237.6	XCSE	20171114 9:01:03.336000	272	236.5	XCSE	20171114 11:09:40.590000
970	237.6	XCSE	20171114 9:01:03.336000	9	236.5	XCSE	20171114 11:09:53.890000
161	237.4	XCSE	20171114 9:01:33.563000	594	236.5	XCSE	20171114 11:11:36.973000
77	238.3	XCSE	20171114 9:02:40.860000	62	236.5	XCSE	20171114 11:11:51.517000
1091	238.5	XCSE	20171114 9:05:55.506000	39	236.5	XCSE	20171114 11:19:59.142000
214	238.5	XCSE	20171114 9:05:55.527000	1085	236.5	XCSE	20171114 11:19:59.142000
225	238.5	XCSE	20171114 9:05:55.537000	955	236.5	XCSE	20171114 11:19:59.142000
534	238.8	XCSE	20171114 9:09:29.967000	786	236.5	XCSE	20171114 11:19:59.142000
322	238.8	XCSE	20171114 9:09:29.967000	272	236.4	XCSE	20171114 11:21:36.698000
144	238.8	XCSE	20171114 9:09:29.967000	320	236.4	XCSE	20171114 11:21:36.698000
322	238.8	XCSE	20171114 9:09:29.967000	160	236.4	XCSE	20171114 11:21:36.700000
322	238.8	XCSE	20171114 9:09:29.967000	82	236.4	XCSE	20171114 11:21:36.722000
122	238.8	XCSE	20171114 9:09:29.988000	732	236.3	XCSE	20171114 11:23:09.435000
103	238.9	XCSE	20171114 9:10:45.785000	417	236.3	XCSE	20171114 11:23:09.435000
886	238.9	XCSE	20171114 9:10:45.786000	264	236.2	XCSE	20171114 11:26:10.121000
335	238.9	XCSE	20171114 9:11:43.807000	305	236.1	XCSE	20171114 11:27:43.965000
471	238.9	XCSE	20171114 9:13:24.050000	110	236.1	XCSE	20171114 11:29:07.808000
226	238.9	XCSE	20171114 9:13:24.050000	195	236.1	XCSE	20171114 11:29:07.808000
274	239.1	XCSE	20171114 9:14:53.574000	312	236.1	XCSE	20171114 11:29:07.808000
410	239.2	XCSE	20171114 9:16:15.205000	422	236.1	XCSE	20171114 11:29:07.808000
277	239	XCSE	20171114 9:16:47.933000	301	236.1	XCSE	20171114 11:29:07.808000
274	238.8	XCSE	20171114 9:17:48.199000	19	236.1	XCSE	20171114 11:29:07.809000
134	238.5	XCSE	20171114 9:19:41.591000	286	236.1	XCSE	20171114 11:29:07.829000
345	238.5	XCSE	20171114 9:19:49.628000	440	236	XCSE	20171114 11:29:56.115000
274	238.5	XCSE	20171114 9:20:35.636000	236	236	XCSE	20171114 11:31:31.438000
275	238.8	XCSE	20171114 9:21:29.858000	300	236	XCSE	20171114 11:33:55.707000
275	238.7	XCSE	20171114 9:24:54.563000	1197	236	XCSE	20171114 11:33:55.707000
315	238.6	XCSE	20171114 9:26:18.981000	300	236	XCSE	20171114 11:33:55.724000
316	238.6	XCSE	20171114 9:26:18.981000	75	236	XCSE	20171114 11:33:55.724000
158	238.6	XCSE	20171114 9:26:19.001000	252	235.9	XCSE	20171114 11:35:21.338000
28	238.6	XCSE	20171114 9:26:52.084000	1630	235.8	XCSE	20171114 11:41:51.805000
129	238.6	XCSE	20171114 9:27:43.113000	66	235.8	XCSE	20171114 11:41:51.805000
110	238.6	XCSE	20171114 9:27:43.141000	2971	235.8	XCSE	20171114 11:51:18.935788
270	238.6	XCSE	20171114 9:31:13.046000	3500	235.7	XCSE	20171114 12:01:40.891501
799	238.6	XCSE	20171114 9:31:13.046000	5000	235.6	XCSE	20171114 12:38:09.220742
15000	238.5	XCSE	20171114 9:31:33.029988	3000	235.5	XCSE	20171114 12:43:52.412536
308	238.4	XCSE	20171114 9:33:07.812000	3500	235.6	XCSE	20171114 12:57:40.453489
189	238.1	XCSE	20171114 9:33:44.807000	1500	235.5	XCSE	20171114 12:58:33.878443
147	238.1	XCSE	20171114 9:33:56.013000	478	235.6	XCSE	20171114 13:18:26.231885
80	237.7	XCSE	20171114 9:34:28.402000	552	235.6	XCSE	20171114 13:18:26.231885
227	237.7	XCSE	20171114 9:35:00.123000	100	235.6	XCSE	20171114 13:18:26.372061
507	238.1	XCSE	20171114 9:38:00.860000	701	235.6	XCSE	20171114 13:18:26.393229
120	238.1	XCSE	20171114 9:38:00.860000	160	235.6	XCSE	20171114 13:18:26.412994
180	238.1	XCSE	20171114 9:38:00.860000	320	235.5	XCSE	20171114 13:23:41.808922
39	238.3	XCSE	20171114 9:40:53.602000	510	235.5	XCSE	20171114 13:25:11.095705
196	238.3	XCSE	20171114 9:42:17.408000	20000	235.4	XCSE	20171114 13:26:51.482239
430	238.3	XCSE	20171114 9:42:17.408000	10000	235.4	XCSE	20171114 13:27:25.754942
78	238.3	XCSE	20171114 9:42:17.408000	449	235.5	XCSE	20171114 13:35:12.655295
45	238.2	XCSE	20171114 9:42:33.004000	10	235.5	XCSE	20171114 13:35:12.655295
42	238.2	XCSE	20171114 9:42:33.029000	660	235.5	XCSE	20171114 13:35:12.655295
200	238.2	XCSE	20171114 9:42:33.029000	278	235.5	XCSE	20171114 13:35:15.814429
92	238.2	XCSE	20171114 9:42:33.029000	8000	235.4	XCSE	20171114 13:39:00.637003
36	238.1	XCSE	20171114 9:45:00.903000	8000	235.4	XCSE	20171114 14:07:15.944418
64	238.1	XCSE	20171114 9:45:09.619000	102	234.9	XCSE	20171114 15:01:40.841819
230	238.1	XCSE	20171114 9:45:09.619000	300	234.9	XCSE	20171114 15:01:40.841819
350	237.8	XCSE	20171114 9:52:55.888000	205	234.9	XCSE	20171114 15:01:40.841819
929	237.8	XCSE	20171114 9:52:55.888000	170	234.9	XCSE	20171114 15:01:40.841819
33	237.8	XCSE	20171114 9:52:55.888000	351	234.9	XCSE	20171114 15:01:40.841819
300	237.8	XCSE	20171114 9:52:55.888000	511	234.9	XCSE	20171114 15:01:40.841819
50	237.8	XCSE	20171114 9:52:55.888000	85	234.9	XCSE	20171114 15:01:40.841819
534	237.6	XCSE	20171114 9:54:21.983000	115	234.9	XCSE	20171114 15:01:40.867540
318	237.4	XCSE	20171114 9:55:50.683000	29	234.9	XCSE	20171114 15:01:40.867556
109	237.2	XCSE	20171114 9:55:58.568000	448	234.9	XCSE	20171114 15:01:40.868796
281	237.2	XCSE	20171114 9:55:58.568000	571	234.9	XCSE	20171114 15:01:40.871355
281	237.2	XCSE	20171114 9:56:20.345000	113	234.9	XCSE	20171114 15:01:40.877384
188	237.2	XCSE	20171114 9:56:20.345000	3000	234.5	XCSE	20171114 15:11:53.052362
292	237.1	XCSE	20171114 9:57:39.791000	90	234.5	XCSE	20171114 15:40:54.267973
279	237	XCSE	20171114 9:59:19.620000	2910	234.5	XCSE	20171114 15:41:34.620877
769	237	XCSE	20171114 9:59:19.620000	388	234.6	XCSE	20171114 15:46:10.991996
10000	237	XCSE	20171114 10:00:44.308596	257	234.6	XCSE	20171114 15:46:10.991996
575	237	XCSE	20171114 10:01:32.717000	1	234.6	XCSE	20171114 15:46:10.991996
100	236.9	XCSE	20171114 10:07:07.565000	7000	234.6	XCSE	20171114 15:47:32.829083
190	236.8	XCSE	20171114 10:07:55.569000	10000	234.3	XCSE	20171114 16:03:19.560516
840	236.8	XCSE	20171114 10:08:24.870000	5354	234.8	XCSE	20171114 16:24:12.670936
281	236.8	XCSE	20171114 10:08:24.870000				
261	236.8	XCSE	20171114 10:14:02.099000				
240	236.6	XCSE	20171114 10:14:30.874000				
86	237.2	XCSE	20171114 10:29:44.453000				
392	237.2	XCSE	20171114 10:29:44.454000				
123	237.2	XCSE	20171114 10:29:44.475000				
355	237.2	XCSE	20171114 10:29:44.475000				
319	237.2	XCSE	20171114 10:29:46.964000				
4682	237.2	XCSE	20171114 10:33:55.179632				
159	237.2	XCSE	20171114 10:34:26.384000				
266	237.2	XCSE	20171114 10:34:26.384000				
260	237	XCSE	20171114 10:37:13.635000				
74	237	XCSE	20171114 10:37:13.635000				
496	237	XCSE	20171114 10:37:13.635000				
496	237	XCSE	20171114 10:37:13.635000				
98	237	XCSE	20171114 10:37:13.635000				
380	236.9	XCSE	20171114 10:37:32.517000				
29	236.9	XCSE	20171114 10:37:32.527000				
348	236.5	XCSE	20171114 10:40:10.568000				
1142	236.5	XCSE	20171114 10:42:56.072000				
747	236.5	XCSE	20171114 10:51:21.501000				
2505	236.6	XCSE	20171114 10:52:17.238013				
272	236.5	XCSE	20171114 11:05:40.618000				
89	236.5	XCSE	20171114 11:05:40.618000				
183	236.5	XCSE	20171114 11:05:40.618000				
272	236.5	XCSE	20171114 11:05:40.647000				

175,000    236.14

Transactions 15 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
2000	234.2	XCSE	20171115 9:02:00.426579	936	234	XCSE	20171115 13:59:39.295000	1735	235	XCSE	20171115 16:26:16.560673
124	234	TRQX	20171115 9:03:25.783984	791	234	XCSE	20171115 13:59:39.296000	300	235	XCSE	20171115 16:27:28.162711
361	234	TRQX	20171115 9:03:25.784165	814	234	XCSE	20171115 13:59:39.296000	78	235	XCSE	20171115 16:27:28.162711
388	234	CHIX	20171115 9:03:25.784339	254	234	XCSE	20171115 13:59:39.296000	3122	235	XCSE	20171115 16:27:28.190083
300	234	BATE	20171115 9:03:25.784348	347	233.9	XCSE	20171115 14:00:49.771000	341	235	XCSE	20171115 16:35:47.711213
776	234	XCSE	20171115 9:03:25.794938	910	233.9	XCSE	20171115 14:06:30.113000	300	235	XCSE	20171115 16:35:47.711213
300	234	XCSE	20171115 9:03:25.794965	546	233.9	XCSE	20171115 14:08:38.429000	175	235	XCSE	20171115 16:35:47.711213
751	234	XCSE	20171115 9:03:25.794967	339	233.9	XCSE	20171115 14:08:52.091390	398	235	XCSE	20171115 16:35:47.730750
74	233.5	TRQX	20171115 9:03:40.335481	196	233.9	XCSE	20171115 14:08:52.091390	513	235	XCSE	20171115 16:35:47.758938
411	233.5	TRQX	20171115 9:04:43.205356	118	233.9	XCSE	20171115 14:08:52.091390	1273	235	XCSE	20171115 16:35:47.758972
1827	233.5	XCSE	20171115 9:04:43.257701	155	233.9	XCSE	20171115 14:08:52.091390	7855	235	XCSE	20171115 16:36:13.922219
203	233.5	CHIX	20171115 9:04:43.268289	300	233.9	XCSE	20171115 14:08:52.091390				
485	233.5	TRQX	20171115 9:04:43.278984	176	233.9	XCSE	20171115 14:08:52.117146				
2132	232	XCSE	20171115 9:15:25.106965	398	233.9	XCSE	20171115 14:08:52.117171				
99	232	CHIX	20171115 9:15:25.108276	3318	233.9	XCSE	20171115 14:08:52.117201				
350	232	BATE	20171115 9:15:25.108457	180	233.9	XCSE	20171115 14:12:06.600000				
565	232	TRQX	20171115 9:15:25.117450	100	233.9	XCSE	20171115 14:12:06.610000				
354	232	XCSE	20171115 9:15:32.770523	270	233.9	XCSE	20171115 14:12:06.610000				
356	233.4	XCSE	20171115 9:21:56.129839	451	233.9	XCSE	20171115 14:12:06.610000				
1034	233.5	XCSE	20171115 9:22:44.351697	281	233.9	XCSE	20171115 14:12:06.610000				
608	233.5	XCSE	20171115 9:22:44.351736	295	233.9	XCSE	20171115 14:12:16.138546				
1002	233.5	XCSE	20171115 9:22:44.351745	449	233.9	XCSE	20171115 14:12:16.138546				
66	233.5	XCSE	20171115 9:34:14.375555	162	233.9	XCSE	20171115 14:12:16.167269				
330	233.6	XCSE	20171115 9:42:09.510989	73	233.9	XCSE	20171115 14:12:16.190517				
300	233.6	XCSE	20171115 9:42:09.510989	302	233.9	XCSE	20171115 14:15:37.619000				
1626	233.6	XCSE	20171115 9:42:09.536400	1321	234.1	XCSE	20171115 14:18:59.597000				
178	233.6	XCSE	20171115 9:42:09.536435	335	234.1	XCSE	20171115 14:21:29.111000				
365	233.5	XCSE	20171115 9:53:10.281227	507	234.1	XCSE	20171115 14:21:35.293000				
328	233.5	XCSE	20171115 9:53:10.281255	77	234.1	XCSE	20171115 14:21:35.322000				
1807	233.5	XCSE	20171115 9:53:10.281260	254	233.9	XCSE	20171115 14:24:39.528000				
346	233.5	XCSE	20171115 9:59:12.576601	784	233.8	XCSE	20171115 14:26:34.519000				
51	233.5	XCSE	20171115 9:59:12.576601	784	233.8	XCSE	20171115 14:26:34.530000				
300	233.5	XCSE	20171115 9:59:12.576601	8	233.8	XCSE	20171115 14:26:34.530000				
325	233.5	XCSE	20171115 9:59:12.576601	30000	233.8	XCSE	20171115 14:26:54.213726				
153	233.5	XCSE	20171115 9:59:37.568701	1267	233.5	XCSE	20171115 14:33:40.452000				
27	233.5	XCSE	20171115 9:59:37.569419	261	233.5	XCSE	20171115 14:33:40.452000				
66	233.5	XCSE	20171115 9:59:37.569448	274	233.3	XCSE	20171115 14:34:10.750000				
107	233.5	XCSE	20171115 9:59:37.569470	85	233.3	XCSE	20171115 14:34:10.750000				
625	233.5	XCSE	20171115 9:59:38.469808	253	233.3	XCSE	20171115 14:37:22.666000				
332	233.5	XCSE	20171115 9:59:56.196039	25	233.3	XCSE	20171115 14:38:50.828000				
300	233.5	XCSE	20171115 9:59:56.196039	292	233.3	XCSE	20171115 14:38:50.828000				
9868	233.5	XCSE	20171115 10:01:47.590291	295	233.4	XCSE	20171115 14:41:46.119000				
325	233.6	XCSE	20171115 10:07:13.527011	175	233.4	XCSE	20171115 14:41:46.119000				
300	233.6	XCSE	20171115 10:07:13.527011	102	233.4	XCSE	20171115 14:41:46.119000				
224	233.6	XCSE	20171115 10:07:13.527011	198	233.4	XCSE	20171115 14:41:46.119000				
23	233.6	XCSE	20171115 10:07:13.527011	272	233.4	XCSE	20171115 14:41:46.145000				
500	233.4	XCSE	20171115 10:21:14.798599	358	233.3	XCSE	20171115 14:43:53.040000				
3628	233.4	XCSE	20171115 10:21:14.798599	548	233.8	XCSE	20171115 15:16:03.251000				
8000	233.3	XCSE	20171115 10:22:02.059373	308	233.8	XCSE	20171115 15:16:03.251000				
5000	233	XCSE	20171115 11:15:03.471959	438	233.8	XCSE	20171115 15:16:03.251000				
6000	232.8	XCSE	20171115 11:19:23.930970	1007	233.8	XCSE	20171115 15:16:03.251000				
1200	232.4	XCSE	20171115 11:33:06.122761	270	233.8	XCSE	20171115 15:16:03.251000				
432	232.4	XCSE	20171115 11:33:06.122761	76	233.8	XCSE	20171115 15:16:03.251000				
258	232.4	XCSE	20171115 11:33:06.151803	2547	234.1	XCSE	20171115 15:30:21.995000				
300	232.6	XCSE	20171115 11:50:37.833389	222	234.1	XCSE	20171115 15:30:21.995000				
349	232.6	XCSE	20171115 11:50:37.833389	1354	234.2	XCSE	20171115 15:33:40.365000				
323	232.6	XCSE	20171115 11:50:37.833389	648	234.2	XCSE	20171115 15:33:40.365000				
1138	232.6	XCSE	20171115 11:50:37.909032	334	234	XCSE	20171115 15:35:33.185000				
5000	232.8	XCSE	20171115 12:12:50.278999	1288	233.8	XCSE	20171115 15:36:21.779000				
363	232.9	XCSE	20171115 12:30:11.814452	297	233.8	XCSE	20171115 15:36:21.779000				
87	232.9	XCSE	20171115 12:30:11.814452	203	233.8	XCSE	20171115 15:36:21.977000				
210	232.9	XCSE	20171115 12:30:11.814452	279	233.8	XCSE	20171115 15:36:22.009000				
174	232.9	XCSE	20171115 12:30:11.814452	94	233.8	XCSE	20171115 15:36:22.009000				
125	232.9	XCSE	20171115 12:30:11.814452	297	233.8	XCSE	20171115 15:36:36.132000				
300	232.9	XCSE	20171115 12:30:11.814452	139	233.8	XCSE	20171115 15:36:36.157000				
383	232.9	XCSE	20171115 12:30:11.814452	14	234	XCSE	20171115 15:45:08.019000				
2306	232.9	XCSE	20171115 12:30:11.835798	1376	234	XCSE	20171115 15:45:22.691000				
1052	232.9	XCSE	20171115 12:30:11.835815	704	234	XCSE	20171115 15:45:22.691000				
23	233	XCSE	20171115 12:57:03.620000	321	233.9	XCSE	20171115 15:45:45.061000				
616	232.9	XCSE	20171115 12:57:23.798000	299	233.9	XCSE	20171115 15:45:51.018000				
266	232.9	XCSE	20171115 12:58:29.959000	130	233.9	XCSE	20171115 15:45:57.017000				
271	233	XCSE	20171115 13:08:01.627000	113	234.2	XCSE	20171115 15:53:40.125000				
216	233	XCSE	20171115 13:08:01.627000	1352	234.2	XCSE	20171115 15:53:40.125000				
28	233.4	XCSE	20171115 13:28:01.813000	903	234.2	XCSE	20171115 15:53:40.125000				
598	233.4	XCSE	20171115 13:28:01.813000	116	234.2	XCSE	20171115 15:53:40.125000				
63	233.3	XCSE	20171115 13:31:36.910000	158	234.2	XCSE	20171115 15:53:40.125000				
96	233.9	XCSE	20171115 13:40:56.571102	412	234.2	XCSE	20171115 15:53:40.125000				
335	233.9	XCSE	20171115 13:40:56.571102	446	234.2	XCSE	20171115 15:53:40.147000				
408	233.9	XCSE	20171115 13:40:56.597417	184	234.5	XCSE	20171115 15:58:38.097220				
188	233.9	XCSE	20171115 13:41:00.330626	169	234.5	XCSE	20171115 15:58:38.097220				
236	233.9	XCSE	20171115 13:41:03.044961	251	234.5	XCSE	20171115 15:58:38.097220				
408	233.9	XCSE	20171115 13:41:03.049283	321	234.5	XCSE	20171115 15:58:38.097220				
267	233.9	XCSE	20171115 13:42:13.803511	320	234.5	XCSE	20171115 15:58:38.097220				
95	233.9	XCSE	20171115 13:42:13.803511	182	234.5	XCSE	20171115 15:58:38.097220				
189	233.9	XCSE	20171115 13:42:13.830012	83	234.5	XCSE	20171115 15:58:38.097280				
189	233.9	XCSE	20171115 13:42:17.023881	1696	234.5	XCSE	20171115 15:58:38.097319				
300	233.9	XCSE	20171115 13:42:31.775443	294	234.5	XCSE	20171115 15:58:38.097323				
272	233.9	XCSE	20171115 13:42:31.775443	454	234.4	XCSE	20171115 15:59:14.962000				
409	233.9	XCSE	20171115 13:42:31.802549	539	234.4	XCSE	20171115 15:59:14.962000				
2019	233.9	XCSE	20171115 13:42:31.854028	614	234.3	XCSE	20171115 15:59:33.663000				
300	233.9	XCSE	20171115 13:42:39.437008	375	234.3	XCSE	20171115 15:59:33.663000				
272	233.9	XCSE	20171115 13:42:39.437008	1524	234.4	XCSE	20171115 16:				

## Transactions 16 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
1013	236.3	XCSE	20171116 9:00:18.899000	784	233	XCSE	20171116 10:24:13.487000	332	233.3	XCSE	20171116 13:16:52.133912
248	236.3	XCSE	20171116 9:00:18.903000	253	233	XCSE	20171116 10:26:03.856000	731	233.3	XCSE	20171116 13:16:52.133912
272	236.1	XCSE	20171116 9:01:03.725000	22	233	XCSE	20171116 10:26:03.856000	320	233.3	XCSE	20171116 13:16:52.133912
232	236.4	XCSE	20171116 9:02:19.327000	300	233.1	XCSE	20171116 10:26:29.139915	263	233.3	XCSE	20171116 13:16:52.133917
70	236.4	XCSE	20171116 9:02:19.327000	353	233.1	XCSE	20171116 10:26:29.139915	685	233.3	XCSE	20171116 13:16:52.156329
116	236.4	XCSE	20171116 9:02:19.352000	500	233.1	XCSE	20171116 10:26:29.167906	2485	233.3	XCSE	20171116 13:16:52.156360
92	236.4	XCSE	20171116 9:02:19.352000	308	233.1	XCSE	20171116 10:26:29.167951	545	233.3	XCSE	20171116 13:16:59.003436
310	236.6	XCSE	20171116 9:02:51.897000	64	233.1	XCSE	20171116 10:26:29.167958	249	233.3	XCSE	20171116 13:16:59.003436
5000	236.5	XCSE	20171116 9:03:35.846083	32	233.1	XCSE	20171116 10:26:29.175452	281	233.3	XCSE	20171116 13:16:59.003436
264	236.4	XCSE	20171116 9:03:49.815000	285	233.1	XCSE	20171116 10:26:39.893129	192	233.3	XCSE	20171116 13:16:59.003436
42	236.4	XCSE	20171116 9:03:49.815000	8	233.1	XCSE	20171116 10:26:39.897456	281	233.2	XCSE	20171116 13:25:31.1189000
311	236	XCSE	20171116 9:04:44.246000	183	233.1	XCSE	20171116 10:26:39.897456	323	233	XCSE	20171116 13:28:11.988000
305	235.9	XCSE	20171116 9:05:50.704000	306	233.1	XCSE	20171116 10:26:39.897506	489	233	XCSE	20171116 13:28:11.988000
620	235.8	XCSE	20171116 9:07:05.450000	275	233.1	XCSE	20171116 10:27:51.013000	261	233	XCSE	20171116 13:33:05.973000
209	235.8	XCSE	20171116 9:07:05.450000	500	233.1	XCSE	20171116 10:27:51.013864	833	233.1	XCSE	20171116 13:36:56.289000
10000	235.5	XCSE	20171116 9:08:07.000000	300	233.1	XCSE	20171116 10:27:51.013926	272	233	XCSE	20171116 13:37:55.683000
43	235.5	XCSE	20171116 9:08:07.336000	195	233.1	XCSE	20171116 10:27:51.013959	366	233	XCSE	20171116 13:41:11.336000
264	235.5	XCSE	20171116 9:08:07.336000	305	233.1	XCSE	20171116 10:27:51.014000	313	233	XCSE	20171116 13:41:11.348000
4	235.5	XCSE	20171116 9:08:07.336000	195	233.1	XCSE	20171116 10:27:51.014031	50	233	XCSE	20171116 13:44:44.331000
303	235.1	XCSE	20171116 9:08:48.328000	152	233.1	XCSE	20171116 10:27:51.014070	172	233	XCSE	20171116 13:45:11.189000
289	235.1	XCSE	20171116 9:10:00.503000	45	233.1	XCSE	20171116 10:27:51.019208	457	233	XCSE	20171116 13:45:11.189000
10	235.1	XCSE	20171116 9:10:00.756000	125	233.1	XCSE	20171116 10:27:51.019240	300	233	XCSE	20171116 13:45:11.189000
4	235.1	XCSE	20171116 9:10:00.756000	78	233.1	XCSE	20171116 10:27:51.019277	97	233	XCSE	20171116 13:45:11.189000
10	235.1	XCSE	20171116 9:10:05.606000	93	233.1	XCSE	20171116 10:27:51.019302	566	232.9	XCSE	20171116 13:45:22.936000
408	235	XCSE	20171116 9:12:13.359000	159	233.1	XCSE	20171116 10:27:51.022166	273	233.1	XCSE	20171116 13:50:28.076000
634	234.9	XCSE	20171116 9:12:51.764000	351	233.1	XCSE	20171116 10:27:51.022201	275	233	XCSE	20171116 13:51:28.555000
155	234.9	XCSE	20171116 9:12:51.764000	300	233.1	XCSE	20171116 10:27:51.022202	44	233	XCSE	20171116 13:57:21.515000
120	234.6	XCSE	20171116 9:13:31.251000	314	233.1	XCSE	20171116 10:27:51.022205	229	233	XCSE	20171116 13:57:21.515000
142	234.6	XCSE	20171116 9:13:31.251000	49	233.1	XCSE	20171116 10:27:51.040288	499	233	XCSE	20171116 14:01:29.221000
262	234.3	XCSE	20171116 9:15:00.423000	500	233.1	XCSE	20171116 10:27:51.040288	678	233.1	XCSE	20171116 14:04:54.742000
13	234.3	XCSE	20171116 9:15:26.391000	174	233.1	XCSE	20171116 10:29:42.373362	478	233.1	XCSE	20171116 14:06:33.670000
254	234.3	XCSE	20171116 9:15:26.391000	714	233.1	XCSE	20171116 10:29:42.373362	269	233.1	XCSE	20171116 14:08:54.913000
10	234.3	XCSE	20171116 9:15:26.415000	250	233.1	XCSE	20171116 10:29:42.373362	74	233.1	XCSE	20171116 14:12:37.296000
50	234.3	XCSE	20171116 9:16:45.613000	1090	233.1	XCSE	20171116 10:29:42.373362	161	233.1	XCSE	20171116 14:13:45.708000
132	234.9	XCSE	20171116 9:19:13.619000	91	233.1	XCSE	20171116 10:29:42.394769	403	233.1	XCSE	20171116 14:17:41.214000
604	234.9	XCSE	20171116 9:19:13.619000	681	233.1	XCSE	20171116 10:29:42.395978	626	233	XCSE	20171116 14:18:45.497000
262	234.8	XCSE	20171116 9:19:40.640000	266	233.6	XCSE	20171116 10:32:00.639000	577	233	XCSE	20171116 14:23:19.123000
25	234.6	XCSE	20171116 9:20:36.050000	125	233.6	XCSE	20171116 10:32:00.639000	229	233	XCSE	20171116 14:24:35.097000
498	234.8	XCSE	20171116 9:21:23.999000	141	233.6	XCSE	20171116 10:32:00.639000	1743	233.1	XCSE	20171116 14:29:56.522000
415	234.6	XCSE	20171116 9:23:15.447000	37	233.6	XCSE	20171116 10:32:00.639000	312	233.1	XCSE	20171116 14:29:56.522000
280	234.3	XCSE	20171116 9:24:26.762000	68	233.6	XCSE	20171116 10:32:00.639000	322	233.3	XCSE	20171116 14:35:05.114000
46	234.3	XCSE	20171116 9:24:26.762000	28	233.6	XCSE	20171116 10:32:00.642000	341	233.1	XCSE	20171116 14:40:29.064000
1	234.1	XCSE	20171116 9:25:51.531000	273	233.7	XCSE	20171116 10:33:58.693000	655	233.1	XCSE	20171116 14:40:29.064000
260	234.1	XCSE	20171116 9:25:52.884000	1209	234.4	XCSE	20171116 10:41:40.907000	1309	233	XCSE	20171116 14:42:05.219000
264	233.9	XCSE	20171116 9:26:25.634000	126	234.2	XCSE	20171116 10:43:22.547000	273	232.8	XCSE	20171116 14:43:59.101000
259	234.2	XCSE	20171116 9:27:31.064000	195	234.2	XCSE	20171116 10:43:22.547000	744	232.9	XCSE	20171116 14:47:23.027000
316	234.4	XCSE	20171116 9:29:09.998000	195	234.2	XCSE	20171116 10:43:22.547000	379	232.8	XCSE	20171116 14:47:52.643000
161	234.4	XCSE	20171116 9:31:03.243000	300	234.2	XCSE	20171116 10:43:22.547000	592	233.2	XCSE	20171116 14:51:38.962000
104	234.4	XCSE	20171116 9:31:03.244000	94	234.2	XCSE	20171116 10:43:22.549000	520	233.2	XCSE	20171116 15:00:53.297000
104	234.6	XCSE	20171116 9:33:06.381000	321	234.2	XCSE	20171116 10:43:22.549000	127	233.2	XCSE	20171116 15:00:53.297000
287	234.4	XCSE	20171116 9:34:11.162000	197	234.2	XCSE	20171116 10:43:22.554000	1066	233.2	XCSE	20171116 15:01:00.740000
149	234.6	XCSE	20171116 9:37:53.860000	2	234	XCSE	20171116 10:45:32.343388	882	233.2	XCSE	20171116 15:04:20.123000
325	234.6	XCSE	20171116 9:37:57.333000	300	234	XCSE	20171116 10:45:32.343388	339	233.2	XCSE	20171116 15:04:20.123000
294	234.7	XCSE	20171116 9:39:44.151000	1610	234	XCSE	20171116 10:45:32.363161	709	233.1	XCSE	20171116 15:06:27.665000
294	234.7	XCSE	20171116 9:40:06.472000	1088	234	XCSE	20171116 10:45:32.363193	413	233.1	XCSE	20171116 15:06:27.665000
268	234.7	XCSE	20171116 9:40:06.473000	264	233.9	XCSE	20171116 10:45:58.221000	257	233	XCSE	20171116 15:09:16.190000
284	234.6	XCSE	20171116 9:41:20.237000	267	233.8	XCSE	20171116 10:46:22.923000	438	232.9	XCSE	20171116 15:11:40.599000
278	234.3	XCSE	20171116 9:42:32.289000	264	233.9	XCSE	20171116 10:49:55.323000	138	232.9	XCSE	20171116 15:11:40.599000
9	234.3	XCSE	20171116 9:42:37.322000	1345	234	XCSE	20171116 10:58:06.438000	552	232.7	XCSE	20171116 15:12:22.125000
380	234.2	XCSE	20171116 9:44:36.796000	530	233.9	XCSE	20171116 10:59:26.722000	388	232.9	XCSE	20171116 15:16:35.789000
286	234.2	XCSE	20171116 9:46:07.863000	144	233.9	XCSE	20171116 10:59:26.726000	719	233	XCSE	20171116 15:17:58.184000
285	234.3	XCSE	20171116 9:50:00.210000	386	233.9	XCSE	20171116 10:59:26.726000	25000	233.05	XCSE	20171116 15:18:12.332852
304	234.2	XCSE	20171116 9:52:19.501000	367	233.9	XCSE	20171116 10:59:26.726000	147	233	XCSE	20171116 15:23:42.826000
50	234.2	XCSE	20171116 9:52:26.714000	774	234	XCSE	20171116 11:00:30.958000	369	233.45	TRQX	20171116 15:43:45.000000
217	234.2	XCSE	20171116 9:53:46.815000	267	234	XCSE	20171116 11:10:11.198000	72	233.1	TRQX	20171116 15:43:45.000000
712	234.1	XCSE	20171116 9:54:53.137000	459	234	XCSE	20171116 11:15:37.563000	238	233.4	XCSE	20171116 15:43:45.000000
283	233.9	XCSE	20171116 9:56:00.325000	212	234	XCSE	20171116 11:15:37.563000	55	233.4	BATE	20171116 15:43:45.911000
2	233.9	XCSE	20171116 9:56:00.325000	95	234	XCSE	20171116 11:15:37.563000	76	233.4	CHIX	20171116 15:43:45.911000
300	233.8	XCSE	20171116 9:56:52.424605	270	233.8	XCSE	20171116 11:28:08.407000	45	233.3	TRQX	20171116 15:48:38.000000
300	233.8	XCSE	20171116 9:56:52.424605	1261	233.8	XCSE	20171116 11:28:30.072000	46	233.3	CHIX	20171116 15:48:38.188000
320	233.8	XCSE	20171116 9:56:52.424605	926	233.8	XCSE	20171116 11:28:30.072000	39	233.3	BATE	20171116 15:48:38.188000
400	233.8	TRQX	20171116 9:56:52.425691	265	233.7	XCSE	20171116 11:30:12.474000	132	233.3	XCSE	20171116 15:48:38.194000
250	233.8	TRQX	20171116 9:56:52.425691	1586	233.8	XCSE	20171116 11:35:02.972000	8000	233.2	XCSE	20171116 15:49:06.480926
200	233.8	TRQX	20171116 9:56:52.425691	551	233.8	XCSE	20171116 11:35:02.972000	41	233.1	TRQX	20171116 15:50

## Transactions 16 November 2017

Volume	Price	Venue	Time CET
144	233.2	XCSE	20171116 16:14:16.208000
39	233.2	BATE	20171116 16:14:16.219000
51	233.2	CHIX	20171116 16:14:16.219000
366	233.25	CHID	20171116 16:14:16.219000
372	233.35	CHID	20171116 16:19:48.475000
37	233.3	TRQX	20171116 16:20:11.000000
29	233.3	BATE	20171116 16:20:11.949000
48	233.3	CHIX	20171116 16:20:11.949000
145	233.3	XCSE	20171116 16:20:11.959000
50	233.2	TRQX	20171116 16:25:02.000000
32	233.2	BATE	20171116 16:25:02.370000
45	233.2	CHIX	20171116 16:25:02.370000
136	233.2	XCSE	20171116 16:25:02.381000
300	233.1	XCSE	20171116 16:26:51.152601
258	233.1	XCSE	20171116 16:26:51.152601
300	233.1	XCSE	20171116 16:26:51.152601
77	233.1	XCSE	20171116 16:26:51.152601
6	233.1	XCSE	20171116 16:26:51.152601
475	233.1	XCSE	20171116 16:26:51.152601
96	233.1	XCSE	20171116 16:26:51.152601
427	233.1	XCSE	20171116 16:26:51.176186
2248	233.1	XCSE	20171116 16:26:51.176218
75	233	TRQX	20171116 16:29:10.000000
46	233	BATE	20171116 16:29:10.211000
53	233	CHIX	20171116 16:29:10.211000
369	233.05	CHID	20171116 16:29:10.211000
52	233	XCSE	20171116 16:29:10.222000
147	233	XCSE	20171116 16:29:10.222000
87	233.1	TRQX	20171116 16:32:46.000000
87	233.2	BATE	20171116 16:34:10.793000
274	233.2	XCSE	20171116 16:34:50.946000
88	233.2	BATE	20171116 16:34:50.957000
76	233.2	CHIX	20171116 16:34:50.957000
357	233.4	XCSE	20171116 16:38:11.381733
267	233.4	XCSE	20171116 16:38:11.381733
258	233.4	XCSE	20171116 16:38:11.381733
102	233.4	XCSE	20171116 16:38:11.381733
71	233.4	XCSE	20171116 16:38:11.381733
1207	233.4	XCSE	20171116 16:38:11.405571
6000	233.3	XCSE	20171116 16:42:01.444025

---

178,000	233.76
---------	--------



## Transactions 17 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
276	235.1	XCSE	20171117 9:00:00.427000	300	235.5	XCSE	20171117 9:44:43.241987	27	235.3	BATE	20171117 10:51:36.904000
47	235.1	XCSE	20171117 9:00:00.427000	321	235.5	XCSE	20171117 9:44:43.241987	132	235.3	XCSE	20171117 10:51:36.915000
64	235.3	TRQX	20171117 9:00:22.000000	4277	235.5	XCSE	20171117 9:44:48.069504	166	235.3	XCSE	20171117 10:51:36.915000
509	235.3	XCSE	20171117 9:00:22.731000	109	235.8	TRQX	20171117 9:48:18.000000	50	235.2	CHIX	20171117 10:54:04.222000
89	235.3	CHIX	20171117 9:00:22.745000	368	235.85	TRQM	20171117 9:48:18.000000	159	235.2	XCSE	20171117 10:54:04.233000
48	235.3	BATE	20171117 9:00:22.745000	95	235.8	CHIX	20171117 9:48:18.208000	11	235.2	XCSE	20171117 10:54:04.243000
54	235.3	TRQX	20171117 9:01:02.000000	67	235.8	BATE	20171117 9:48:18.208000	44	235.2	BATE	20171117 10:54:04.243000
4	235.3	CHIX	20171117 9:01:02.367000	323	235.8	XCSE	20171117 9:48:18.218000	156	235.1	XCSE	20171117 10:55:26.670000
46	235.3	CHIX	20171117 9:01:02.367000	16	235.8	XCSE	20171117 9:48:18.219000	3	235.1	XCSE	20171117 10:55:26.670000
33	235.3	XCSE	20171117 9:01:02.368000	39	235.9	TRQX	20171117 9:52:41.000000	44	235.1	TRQX	20171117 10:56:31.000000
137	235.3	XCSE	20171117 9:01:02.368000	7	235.9	CHIX	20171117 9:52:41.199000	131	235.1	XCSE	20171117 10:56:31.009000
38	235.3	BATE	20171117 9:01:02.381000	41	235.9	CHIX	20171117 9:52:41.199000	56	235.1	CHIX	20171117 10:56:31.102000
52	234.4	TRQX	20171117 9:02:16.000000	35	235.9	BATE	20171117 9:52:41.199000	27	235.1	BATE	20171117 10:56:31.102000
172	234.4	XCSE	20171117 9:02:16.576000	153	235.9	XCSE	20171117 9:52:41.202000	320	235.1	XCSE	20171117 10:56:41.387900
40	234.4	BATE	20171117 9:02:16.591000	54	235.9	TRQX	20171117 9:55:35.670000	258	235.1	XCSE	20171117 10:56:41.387900
48	234.4	CHIX	20171117 9:02:16.591000	61	235.9	CHIX	20171117 9:55:35.670000	45	235.1	XCSE	20171117 10:57:05.062902
26	234.5	TRQX	20171117 9:04:10.000000	50	235.9	BATE	20171117 9:55:35.670000	1812	235.1	XCSE	20171117 10:57:05.090422
44	234.5	TRQX	20171117 9:04:10.000000	255	235.9	XCSE	20171117 9:55:35.684000	2565	235.1	XCSE	20171117 10:57:05.090455
312	234.5	XCSE	20171117 9:04:10.645000	313	235.8	XCSE	20171117 9:56:04.746688	158	234.9	XCSE	20171117 10:59:20.817000
20	234.5	BATE	20171117 9:04:10.659000	215	235.8	XCSE	20171117 9:56:04.746718	11	234.9	XCSE	20171117 10:59:58.808000
33	234.5	BATE	20171117 9:04:10.659000	4472	235.8	XCSE	20171117 9:56:25.561554	61	234.9	CHIX	20171117 11:00:02.499000
58	235.1	TRQX	20171117 9:09:44.000000	5000	235.8	XCSE	20171117 9:56:44.884004	87	234.9	TRQX	20171117 11:04:09.000000
7	235.1	BATE	20171117 9:09:44.177000	36	235.7	TRQX	20171117 9:57:27.000000	88	234.9	CHIX	20171117 11:04:09.833000
4	235.1	BATE	20171117 9:09:44.177000	41	235.7	CHIX	20171117 9:57:27.259000	53	234.9	BATE	20171117 11:04:09.833000
526	235.1	XCSE	20171117 9:09:44.190000	39	235.7	BATE	20171117 9:57:27.259000	219	234.9	XCSE	20171117 11:04:09.833000
104	235.1	CHIX	20171117 9:09:44.201000	160	235.7	XCSE	20171117 9:57:27.270000	66	234.8	TRQX	20171117 11:04:24.000000
58	235.1	BATE	20171117 9:09:44.201000	47	235.5	TRQX	20171117 9:58:57.000000	48	234.8	BATE	20171117 11:04:24.089000
378	235	BATD	20171117 9:10:00.815000	180	235.5	XCSE	20171117 9:58:57.915000	66	234.8	CHIX	20171117 11:04:24.089000
369	235.25	BATD	20171117 9:11:02.163000	44	235.5	BATE	20171117 9:58:57.929000	45	234.9	TRQX	20171117 11:06:37.000000
44	235.2	TRQX	20171117 9:11:47.000000	44	235.5	CHIX	20171117 9:58:57.929000	37	234.9	BATE	20171117 11:06:37.972000
58	235.2	CHIX	20171117 9:11:47.030000	44	235.4	TRQX	20171117 10:01:17.000000	54	234.9	CHIX	20171117 11:06:37.972000
30	235.2	BATE	20171117 9:11:47.030000	35	235.4	BATE	20171117 10:01:17.550000	144	234.9	XCSE	20171117 11:06:37.984000
149	235.2	XCSE	20171117 9:11:47.040000	37	235.4	CHIX	20171117 10:01:17.550000	71	234.9	TRQX	20171117 11:09:33.000000
366	235.3	BATD	20171117 9:13:40.666000	158	235.4	XCSE	20171117 10:01:17.550000	165	234.9	XCSE	20171117 11:09:33.396000
73	235.5	TRQX	20171117 9:15:37.000000	118	235.4	XCSE	20171117 10:02:26.340000	20	234.9	XCSE	20171117 11:09:33.396000
80	235.5	CHIX	20171117 9:15:37.656000	67	235.4	XCSE	20171117 10:03:09.825000	46	234.9	BATE	20171117 11:09:33.407000
58	235.5	BATE	20171117 9:15:37.656000	77	235.4	TRQX	20171117 10:03:09.825000	71	234.9	CHIX	20171117 11:09:33.407000
248	235.5	XCSE	20171117 9:15:37.662000	289	235.4	XCSE	20171117 10:05:10.947000	53	234.8	TRQX	20171117 11:16:48.000000
97	235.8	TRQX	20171117 9:18:56.000000	43	235.3	TRQX	20171117 10:07:19.000000	28	234.8	BATE	20171117 11:16:48.000000
134	235.8	CHIX	20171117 9:18:56.391000	37	235.3	BATE	20171117 10:07:19.189000	17	234.8	XCSE	20171117 11:17:43.631000
329	235.8	XCSE	20171117 9:18:56.397000	57	235.3	CHIX	20171117 10:07:19.189000	12	234.8	XCSE	20171117 11:17:52.053000
28	235.8	XCSE	20171117 9:18:56.397000	139	235.3	XCSE	20171117 10:07:19.200000	112	234.8	XCSE	20171117 11:17:53.203000
142	235.8	XCSE	20171117 9:20:08.645000	51	235.2	TRQX	20171117 10:07:51.000000	50	234.8	BATE	20171117 11:17:53.213000
46	235.8	BATE	20171117 9:20:12.005000	10	235.2	BATE	20171117 10:07:51.335000	109	234.7	CHIX	20171117 11:21:31.307000
36	235.8	CHIX	20171117 9:20:12.005000	148	235.2	XCSE	20171117 10:07:51.350000	193	234.9	TRQX	20171117 11:22:05.000000
48	235.8	XCSE	20171117 9:20:12.016000	22	235.2	BATE	20171117 10:07:51.364000	364	234.95	TRQM	20171117 11:22:05.000000
146	235.6	XCSE	20171117 9:21:48.214000	47	235.2	CHIX	20171117 10:07:51.364000	208	234.9	CHIX	20171117 11:22:05.407000
9	235.6	XCSE	20171117 9:21:48.214000	71	235	TRQX	20171117 10:11:19.000000	105	234.9	BATE	20171117 11:22:05.407000
71	235.8	TRQX	20171117 9:23:34.000000	63	235	CHIX	20171117 10:11:19.198000	270	234.9	XCSE	20171117 11:22:05.419000
218	235.8	XCSE	20171117 9:23:34.868000	40	235	BATE	20171117 10:11:19.198000	186	234.9	XCSE	20171117 11:22:05.419000
89	235.8	CHIX	20171117 9:23:34.883000	195	235	XCSE	20171117 10:11:19.208000	24	234.9	XCSE	20171117 11:25:59.374000
57	235.8	BATE	20171117 9:23:34.883000	54	234.9	TRQX	20171117 10:12:58.000000	553	234.8	XCSE	20171117 11:26:05.144000
60	236	TRQX	20171117 9:25:17.000000	43	234.9	CHIX	20171117 10:12:58.605000	291	234.8	XCSE	20171117 11:26:14.311000
53	236	BATE	20171117 9:25:17.118000	32	234.9	BATE	20171117 10:12:58.605000	13	234.8	XCSE	20171117 11:26:14.440000
75	236	CHIX	20171117 9:25:17.118000	166	234.9	XCSE	20171117 10:12:58.615000	313	234.8	XCSE	20171117 11:27:40.436000
177	236	XCSE	20171117 9:25:17.129000	37	234.8	TRQX	20171117 10:14:12.000000	16	234.8	XCSE	20171117 11:28:56.500000
94	235.9	TRQX	20171117 9:30:48.000000	150	234.8	XCSE	20171117 10:14:12.648000	282	234.8	XCSE	20171117 11:28:56.500000
3	235.9	BATE	20171117 9:30:48.191000	26	234.8	BATE	20171117 10:14:12.680000	887	235.1	XCSE	20171117 11:32:51.946000
121	235.9	CHIX	20171117 9:30:48.191000	46	234.8	CHIX	20171117 10:14:12.680000	579	235.1	XCSE	20171117 11:39:08.051000
74	235.9	BATE	20171117 9:30:48.191000	12	234.8	TRQX	20171117 10:19:23.000000	127	235.1	XCSE	20171117 11:39:08.074000
312	235.9	XCSE	20171117 9:30:48.202000	63	234.8	TRQX	20171117 10:19:23.000000	706	235.1	XCSE	20171117 11:39:08.295000
80	235.8	TRQX	20171117 9:32:03.000000	368	234.85	TRQM	20171117 10:19:23.000000	84	235.1	XCSE	20171117 11:39:08.295000
292	235.8	XCSE	20171117 9:32:03.704000	69	234.8	CHIX	20171117 10:19:23.765000	229	235	XCSE	20171117 11:42:13.772000
87	235.8	BATE	20171117 9:32:03.717000	12	234.8	CHIX	20171117 10:19:23.766000	36	235	XCSE	20171117 11:42:17.128000
107	235.8	CHIX	20171117 9:32:03.717000	17	234.8	XCSE	20171117 10:19:23.776000	2	235	XCSE	20171117 11:42:17.128000
37	235.8	TRQX	20171117 9:33:27.000000	186	234.8	XCSE	20171117 10:19:23.776000	27	235	XCSE	20171117 11:42:17.146000
157	235.8	XCSE	20171117 9:33:27.632000	50	234.8	BATE	20171117 10:19:23.786000	158	235.2	XCSE	20171117 11:49:09.050000
37	235.8	BATE	20171117 9:33:27.632000	377	235.05	TRQM	20171117 10:24:08.000000	763	235.2	XCSE	20171117 11:49:09.050000
38	235.8	CHIX	20171117 9:33:27.632000	53	234.9	TRQX	20171117 10:24:09.000000	294	235.1	XCSE	20171117 11:49:28.038000
28	235.6	TRQX	20171117 9:35:07.000000	151	234.9	XCSE	20171117 10:24:49.030000	294	235.1	XCSE	20171117 11:49:59.461000
29	235.6	BATE	20171117 9:35:07.625000	39	234.9	BATE	20171117 10:24:49.030000	238	235.1	XCSE	20171117 11:50:05.857000
54	235.6	CHIX	20171117 9:35:07.625000	56	234.9	CHIX	20171117 10:24:49.056000	426	235	XCSE	20171117 11:52:03.460000
159	235.6	XCSE	20171117 9:35:07.631000	119	234.9	XCSE	20171117 10:26:43.717000	368	235	XCSE	20171117 11:53:51.693000
69	235.7	TRQX	20171117 9:38:00.000000	48	234.9	CHIX	20171117 10:26:44.839000	575	235	XCSE	20171117 11:56:42.043238
94	235.7	CHIX	20171117 9:38:00.964000	51	234.9	XCSE	201				

## Transactions 17 November 2017

Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET	Volume	Price	Venue	Time CET
752	235.1	XCSE	20171117 12:29:46.409000	277	235.2	XCSE	20171117 14:21:52.861000	1156	234.5	XCSE	20171117 15:39:00.932000
611	235.1	XCSE	20171117 12:29:46.409000	290	235.2	XCSE	20171117 14:21:52.861000	83	234.5	XCSE	20171117 15:39:00.932000
73	234.9	XCSE	20171117 12:31:49.077000	277	235.2	XCSE	20171117 14:21:52.862000	210	234.4	XCSE	20171117 15:40:05.418000
304	234.9	XCSE	20171117 12:31:53.879000	38	235.2	XCSE	20171117 14:21:52.862000	202	234.4	XCSE	20171117 15:40:05.418000
49	234.9	XCSE	20171117 12:33:11.019000	275	235.2	XCSE	20171117 14:21:52.862000	276	234.3	XCSE	20171117 15:40:50.562000
594	234.9	XCSE	20171117 12:33:11.019000	1038	235.2	XCSE	20171117 14:26:13.559000	1296	234.3	XCSE	20171117 15:44:14.108000
54	234.9	XCSE	20171117 12:36:02.700422	504	235.2	XCSE	20171117 14:26:13.559000	368	234.3	XCSE	20171117 15:44:14.108000
49	235	XCSE	20171117 12:38:18.430130	1162	235.2	XCSE	20171117 14:26:13.559000	143	234.3	XCSE	20171117 15:44:14.108000
300	235	XCSE	20171117 12:38:18.430130	271	235.2	XCSE	20171117 14:26:13.559000	368	234.3	XCSE	20171117 15:44:14.108000
146	235	XCSE	20171117 12:38:18.430130	267	235.1	XCSE	20171117 14:27:26.078000	196	234.3	XCSE	20171117 15:44:14.108000
70	235	XCSE	20171117 12:38:18.455462	164	235.1	XCSE	20171117 14:27:26.078000	296	234.2	XCSE	20171117 15:45:17.511000
33	235	XCSE	20171117 12:39:29.226000	287	235	XCSE	20171117 14:28:37.401000	971	234.4	XCSE	20171117 15:51:29.286000
178	235.2	XCSE	20171117 12:41:04.721000	287	234.9	XCSE	20171117 14:35:27.375000	1107	234.5	XCSE	20171117 15:55:16.957000
181	235.2	XCSE	20171117 12:41:04.721000	267	234.9	XCSE	20171117 14:35:33.557000	665	234.5	XCSE	20171117 15:55:16.957000
406	235.2	XCSE	20171117 12:41:04.722000	267	234.9	XCSE	20171117 14:35:33.558000	674	234.6	XCSE	20171117 16:08:38.436000
359	235.2	XCSE	20171117 12:41:04.722000	267	234.9	XCSE	20171117 14:35:33.558000	257	234.7	XCSE	20171117 16:01:25.430000
47	235.2	XCSE	20171117 12:41:04.723000	192	234.9	XCSE	20171117 14:35:33.558000	742	235	XCSE	20171117 16:08:38.436000
359	235.2	XCSE	20171117 12:41:04.723000	285	234.8	XCSE	20171117 14:39:32.605000	57	235	XCSE	20171117 16:08:38.436000
312	235.2	XCSE	20171117 12:41:04.723000	270	234.8	XCSE	20171117 14:40:19.698000	24	235.2	XCSE	20171117 16:25:11.940000
359	235.2	XCSE	20171117 12:41:04.725000	138	234.8	XCSE	20171117 14:40:19.698000	960	235.1	XCSE	20171117 16:26:01.201000
407	235.2	XCSE	20171117 12:41:04.725000	287	234.8	XCSE	20171117 14:41:31.826000	307	235.1	XCSE	20171117 16:26:13.914546
142	235.2	XCSE	20171117 12:41:04.725000	430	235	XCSE	20171117 14:45:52.514000	354	235.1	XCSE	20171117 16:26:13.914546
360	235.3	XCSE	20171117 12:49:28.509000	59	235	XCSE	20171117 14:45:52.516000	246	235.1	XCSE	20171117 16:26:13.914546
540	235.3	XCSE	20171117 12:49:28.509000	54	235.1	XCSE	20171117 14:49:03.178000	433	235.1	XCSE	20171117 16:26:13.914546
736	235.3	XCSE	20171117 12:49:28.509000	368	235.1	XCSE	20171117 14:49:03.178000	320	235.1	XCSE	20171117 16:26:13.914546
272	235.2	XCSE	20171117 12:50:16.897000	146	234.9	XCSE	20171117 14:55:44.894000	300	235.1	XCSE	20171117 16:26:13.914546
274	235.1	XCSE	20171117 12:51:17.829000	1142	235.1	XCSE	20171117 15:00:39.801000	1011	235.1	XCSE	20171117 16:26:14.313462
672	235.2	XCSE	20171117 13:04:30.119000	969	235.1	XCSE	20171117 15:00:39.801000	6000	235.1	XCSE	20171117 16:26:22.389298
1011	235.2	XCSE	20171117 13:04:30.119000	604	234.8	XCSE	20171117 15:05:32.002000				
282	235.2	XCSE	20171117 13:04:30.119000	1080	234.8	XCSE	20171117 15:05:32.002000	175,000	235.12		
204	235.2	XCSE	20171117 13:04:30.121000	608	234.8	XCSE	20171117 15:06:04.843000				
468	235.2	XCSE	20171117 13:04:30.122000	124	234.8	XCSE	20171117 15:06:04.843000				
132	235.2	XCSE	20171117 13:04:30.122000	258	234.6	XCSE	20171117 15:11:12.946000				
752	235.4	XCSE	20171117 13:13:54.536000	138	234.5	XCSE	20171117 15:11:14.150000				
1221	235.4	XCSE	20171117 13:13:54.536000	132	234.5	XCSE	20171117 15:11:14.150000				
288	235.3	XCSE	20171117 13:14:34.082000	375	234.5	XCSE	20171117 15:11:14.150000				
63	235.3	XCSE	20171117 13:14:34.082000	257	234.5	XCSE	20171117 15:18:40.739000				
1507	235.3	XCSE	20171117 13:18:06.170000	481	234.3	XCSE	20171117 15:18:51.274000				
200	235.3	XCSE	20171117 13:18:06.170000	395	234.3	XCSE	20171117 15:18:51.299000				
300	235.4	XCSE	20171117 13:20:30.275098	352	234.3	XCSE	20171117 15:18:51.299000				
100	235.4	XCSE	20171117 13:20:30.275098	300	234.3	XCSE	20171117 15:20:23.120474				
668	235.4	XCSE	20171117 13:21:33.713000	321	234.3	XCSE	20171117 15:20:23.120474				
272	235.3	XCSE	20171117 13:26:42.641000	300	234.3	XCSE	20171117 15:20:23.120535				
302	235.2	XCSE	20171117 13:29:47.041000	500	234.3	XCSE	20171117 15:20:23.120609				
36	235.2	XCSE	20171117 13:29:47.041000	500	234.3	XCSE	20171117 15:20:23.120632				
300	235.2	XCSE	20171117 13:29:47.041000	320	234.3	XCSE	20171117 15:20:23.120661				
220	235.2	XCSE	20171117 13:29:47.041000	438	234.3	XCSE	20171117 15:20:23.141578				
298	235.2	XCSE	20171117 13:33:13.395000	27	234.3	XCSE	20171117 15:20:23.142116				
441	235.2	XCSE	20171117 13:33:13.395000	35	234.3	XCSE	20171117 15:20:23.155659				
164	235.2	XCSE	20171117 13:33:13.395000	165	234.3	XCSE	20171117 15:20:23.155659				
353	235.4	XCSE	20171117 13:42:26.179569	280	234.3	XCSE	20171117 15:20:23.155698				
237	235.4	XCSE	20171117 13:42:26.179569	310	234.3	XCSE	20171117 15:20:23.155787				
23	235.4	XCSE	20171117 13:42:26.179569	190	234.3	XCSE	20171117 15:20:23.155823				
120	235.4	XCSE	20171117 13:42:26.179626	323	234.3	XCSE	20171117 15:20:23.155858				
1726	235.4	XCSE	20171117 13:43:01.432000	289	234.3	XCSE	20171117 15:20:23.155860				
213	235.4	XCSE	20171117 13:43:01.432000	500	234.3	XCSE	20171117 15:20:23.905679				
1946	235.4	XCSE	20171117 13:43:01.432000	300	234.3	XCSE	20171117 15:20:23.905717				
1800	235.4	XCSE	20171117 13:43:01.432171	344	234.3	XCSE	20171117 15:20:23.905721				
1646	235.4	XCSE	20171117 13:43:01.432174	58	234.3	XCSE	20171117 15:20:23.905732				
821	235.4	XCSE	20171117 13:43:01.432190	250	234.3	XCSE	20171117 15:20:23.905751				
339	235.4	XCSE	20171117 13:47:51.926000	250	234.3	XCSE	20171117 15:20:23.905768				
10	235.4	XCSE	20171117 13:48:27.180000	300	234.3	XCSE	20171117 15:20:34.733638				
329	235.4	XCSE	20171117 13:48:34.959000	1256	234.3	XCSE	20171117 15:20:34.733638				
12	235.4	XCSE	20171117 13:48:34.961000	439	234.3	XCSE	20171117 15:20:34.754831				
224	235.4	XCSE	20171117 13:48:52.471000	61	234.3	XCSE	20171117 15:20:34.759508				
3	235.4	XCSE	20171117 13:48:52.471000	658	234.3	XCSE	20171117 15:20:34.759508				
96	235.4	XCSE	20171117 13:48:52.599000	309	234.3	XCSE	20171117 15:20:34.759554				
236	235.4	XCSE	20171117 13:48:55.467000	103	234.3	XCSE	20171117 15:20:34.844717				
565	235.4	XCSE	20171117 13:53:57.417000	374	234.3	XCSE	20171117 15:20:41.334542				
629	235.4	XCSE	20171117 13:53:57.419000	23	234.3	XCSE	20171117 15:21:01.418550				
838	235.4	XCSE	20171117 13:53:57.419000	66	234.3	XCSE	20171117 15:21:01.418550				
621	235.6	XCSE	20171117 13:58:56.979507	500	234.3	XCSE	20171117 15:21:01.418678				
300	235.6	XCSE	20171117 13:58:56.979507	400	234.3	XCSE	20171117 15:21:22.503059				
387	235.6	XCSE	20171117 13:58:56.979507	100	234.3	XCSE	20171117 15:21:23.923594				
158	235.6	XCSE	20171117 13:58:56.979507	13	234.3	XCSE	20171117 15:21:40.938640				
139	235.6	XCSE	20171117 13:58:56.979507	161	234.3	XCSE	20171117 15:21:40.967537				
895	235.6	XCSE	20171117 13:58:56.979507	237	234.3	XCSE	20171117 15:21:40.967560				
38	235.6	XCSE	20171117 13:59:48.738000	281	234.2	XCSE	20171117 15:21:46.268000				
262	235.6	XCSE	20171117 14:00:56.790000	344	234.2	XCSE	20171117 15:21:53.875815				
300	235.6	XCSE	20171117 14:00:56.790000	228	234.2	XCSE	20171117 15:21:53.875815				
522	235.6	XCSE	20171117 14:00:56.790000	615	234.2	XCSE	20171117 15:21:53.907134				
146	235.6	XCSE	20171117 14:00:56.790000	221	234.2	XCSE	20171117 15:21:53.938019				
154	235.6	XCSE	20171117 14:00:56.790000	66	234.2	XCSE	20171117 15:21:53.968397				
300	235.6	XCSE	20171117 14:00:56.800000	482	234.2	XCSE	20171117 15:21:58.031911				
375	235.6	XCSE	20171117 14:00:56.800000	449	234.2	XCSE	20171117 15:24:17.537000				
261	235.5	XCSE	20171117 14:01:37.050000	1146	234.2	XCSE	20171117 15:24:17.537681				
10000	235.5	XC									