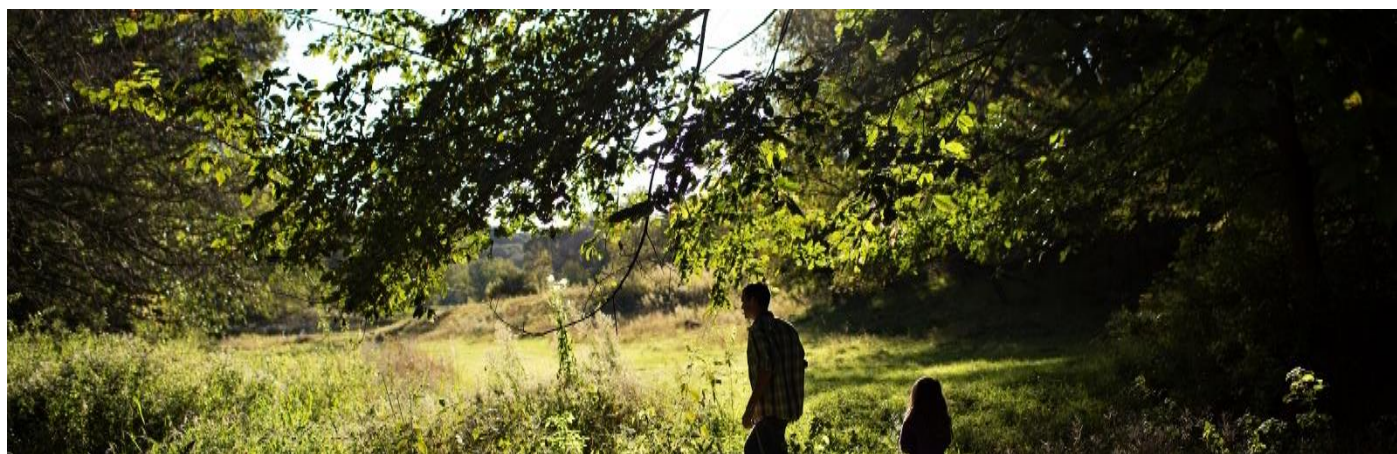




Trading by management and of close relations to management

In accordance with article 19 in Regulation (EU) No 596/2014 of 16 April 2014 on market abuse (the Market Abuse Regulation) and commission delegated regulation (EU) 1052/2016 of 8 March 2016, Novozymes reports the following transactions under ISIN DK0060336014, Novozymes B shares under the symbol NZYM B

April 28, 2017

Company announcement No. 25

Contact information

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ksdh@novozymes.com

Details of the person discharging managerial responsibilities/person closely associated

Name	Novo A/S
Reason for the notification	
Position/status	Novo A/S is closely associated to Kasim Kutay, CEO of Novo A/S and a member of the board of directors for Novozymes A/S
Initial notification /Amendment	Initial notification

Details of the issuer

Entity	Novozymes A/S
LEI-code	529900T6WNZXD2R3JW38

Details of the transaction(s)

Details of the transaction(s)				
Description:				
Financial instrument	Shares			
Identification code	ISIN DK0060336014			
Nature of the transaction	Sale of shares			
Places(s) of transaction(s), price(s) and volume(s)	See appendix for transaction details and below for aggregated information			
Aggregated information	Place of transaction	Number of Shares	Average sales price	Transaction value, DKK
	Nasdaq Copenhagen A/S (XCSE)	72,647	297.98	21,646,665
	Nasdaq Copenhagen A/S (DCSE)	1,460	298.57	435,913
	Bats Europe BXE (BATE)	6,654	297.56	1,979,992
	Bats Europe BXE (BATD)	5,164	298.49	1,541,403
	Bats Europe CXE (CHIX)	17,559	297.44	5,222,739
	Bats Europe CXE (CHID)	6,740	298.46	2,011,612
	Turquoise (TRQX)	12,773	297.09	3,794,792
	Turquoise (TRQM)	7,003	297.70	2,084,785
	Total	130,000	297.83	38,717,900
Date of the transaction	2017-04-27			

About Novozymes

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, we improve industrial performance while preserving the planet's resources and helping build better lives. As the world's largest provider of enzyme and microbial technologies, our bioinnovation enables higher agricultural yields, low-temperature washing, energy-efficient production, renewable fuel and many other benefits that we rely on today and in the future. We call it Rethink Tomorrow. www.novozymes.com

Novozymes A/S CVR number: 10 00 71 27 LEI: 529900T6WNZXD2R3JW38

Novozymes A/S

Krogshoejvej 36
2880 Bagsvaerd
Denmark

Phone: +45 4446 0000

Rethink Tomorrow

novozymes® 

Appendix

This sale has been completed according to earlier communicated intention by Novo A/S to keep its relative holding of Novozymes B shares at the level it held prior to Novozymes' cancellation of B shares on March 24, 2017 (Company announcement No. 1, January 18, 2017)

Volume	Price	Venue	Time CET
1585	300.3	XCSE	20170427 9:00:02.439000
1400	300.3	XCSE	20170427 9:00:02.439000
1026	300.3	XCSE	20170427 9:00:02.439000
165	300.3	XCSE	20170427 9:00:02.439000
202	300.3	XCSE	20170427 9:00:02.439000
719	300.3	XCSE	20170427 9:00:02.439000
337	300.3	XCSE	20170427 9:00:02.439000
432	300.3	XCSE	20170427 9:00:03.196000
145	300.4	BATE	20170427 9:00:04.285000
90	300.4	BATE	20170427 9:00:04.285000
170	300.4	XCSE	20170427 9:00:04.295000
144	300.4	XCSE	20170427 9:00:04.295000
67	300.4	TRQX	20170427 9:00:05.000000
78	300.4	BATE	20170427 9:00:05.461000
140	300.5	TRQX	20170427 9:00:07.000000
82	300.5	TRQX	20170427 9:00:07.000000
145	300.5	BATE	20170427 9:00:07.795000
110	300.5	BATE	20170427 9:00:07.795000
145	300.4	TRQX	20170427 9:00:09.000000
118	300.4	TRQX	20170427 9:00:09.000000
123	300.4	XCSE	20170427 9:00:10.750000
97	300.4	XCSE	20170427 9:00:10.750000
79	300.3	XCSE	20170427 9:00:13.655000
127	300.3	XCSE	20170427 9:00:13.655000
224	300.3	CHIX	20170427 9:00:15.470000
5	300.3	CHIX	20170427 9:00:15.470000
91	300.9	XCSE	20170427 9:00:25.332000
30	300.5	CHIX	20170427 9:01:34.768000
40	300.5	XCSE	20170427 9:01:56.620000
254	300.5	XCSE	20170427 9:01:56.620000
74	300.4	CHIX	20170427 9:01:57.674000
6	300.4	CHIX	20170427 9:01:57.674000
42	300.4	CHIX	20170427 9:02:00.689000
130	300.4	XCSE	20170427 9:02:02.652000
41	300.4	XCSE	20170427 9:02:02.652000
23	300.4	TRQX	20170427 9:02:03.000000
77	300.4	XCSE	20170427 9:02:03.932000
68	300.4	XCSE	20170427 9:02:03.932000
13	300.4	BATE	20170427 9:02:03.932000
44	300.4	BATE	20170427 9:02:03.932000
28	300.4	CHIX	20170427 9:02:03.933000
115	300.4	CHIX	20170427 9:02:03.933000
8	300.4	XCSE	20170427 9:02:06.477000

22	300.4	XCSE	20170427 9:02:06.477000
85	300.4	XCSE	20170427 9:02:06.477000
47	300.3	CHIX	20170427 9:02:07.883000
102	300.3	CHIX	20170427 9:02:07.883000
37	300.3	TRQX	20170427 9:02:10.000000
48	300.3	XCSE	20170427 9:02:13.014000
181	300.3	XCSE	20170427 9:02:31.018000
22	300.1	XCSE	20170427 9:02:32.801000
200	300	XCSE	20170427 9:02:33.873000
166	300	XCSE	20170427 9:02:33.873000
2	299.5	XCSE	20170427 9:02:35.288000
170	299.5	XCSE	20170427 9:02:35.288000
119	299.5	XCSE	20170427 9:02:35.288000
90	299.5	CHIX	20170427 9:02:36.625000
70	299.3	TRQX	20170427 9:02:37.000000
74	299.4	CHIX	20170427 9:02:39.634000
7	299.4	CHIX	20170427 9:02:39.634000
26	299.9	CHIX	20170427 9:02:47.580000
73	299.9	XCSE	20170427 9:02:47.590000
75	299.4	XCSE	20170427 9:02:48.820000
26	299.4	XCSE	20170427 9:02:48.820000
182	299.4	CHIX	20170427 9:02:48.821000
105	299.3	CHIX	20170427 9:02:52.203000
62	299.3	XCSE	20170427 9:02:54.196000
69	299.5	XCSE	20170427 9:03:15.179000
56	299.5	TRQX	20170427 9:03:22.140000
31	299.5	BATE	20170427 9:03:22.140000
16	299.5	BATE	20170427 9:03:22.140000
29	299.5	TRQX	20170427 9:03:22.140000
37	299.5	CHIX	20170427 9:03:22.140000
5	299.5	XCSE	20170427 9:03:22.147000
200	299.5	XCSE	20170427 9:03:22.147000
94	299.5	XCSE	20170427 9:03:22.147000
49	299.5	XCSE	20170427 9:03:22.147000
166	298.5	CHIX	20170427 9:03:24.252000
29	298.5	BATE	20170427 9:03:24.253000
4	298.5	CHIX	20170427 9:03:26.718000
182	298.5	CHIX	20170427 9:03:26.718000
27	298.5	TRQX	20170427 9:03:29.000000
1	298.5	TRQX	20170427 9:03:29.000000
14	298.5	BATE	20170427 9:03:29.060000
75	298.5	XCSE	20170427 9:03:29.061000
4	298.5	XCSE	20170427 9:03:29.061000
34	298.5	CHIX	20170427 9:03:29.061000
1	298.5	CHIX	20170427 9:03:29.061000
68	297.1	XCSE	20170427 9:03:30.604000
130	297	TRQX	20170427 9:03:31.000000
70	297	TRQX	20170427 9:03:31.000000
140	297	TRQX	20170427 9:03:31.000000
160	297.3	XCSE	20170427 9:03:31.736000

163	296.8	XCSE	20170427 9:03:31.736000
80	297	BATE	20170427 9:03:31.737000
100	296.9	CHIX	20170427 9:03:32.957000
100	296.8	CHIX	20170427 9:03:32.957000
90	296.8	CHIX	20170427 9:03:32.957000
160	296.8	XCSE	20170427 9:03:32.973000
70	296.7	XCSE	20170427 9:03:32.973000
200	297	XCSE	20170427 9:03:35.004000
200	297	XCSE	20170427 9:03:35.004000
63	297	XCSE	20170427 9:03:35.004000
73	297	CHIX	20170427 9:03:36.637000
110	297.1	CHIX	20170427 9:03:37.900000
39	297	XCSE	20170427 9:03:38.978000
57	297.4	CHIX	20170427 9:03:40.611000
109	297.4	XCSE	20170427 9:03:40.621000
58	297.4	XCSE	20170427 9:03:40.641000
51	297.4	XCSE	20170427 9:03:40.642000
139	297	BATE	20170427 9:03:40.751000
110	297.1	CHIX	20170427 9:03:40.751000
109	297.4	XCSE	20170427 9:03:40.841000
109	297.4	XCSE	20170427 9:03:40.887000
109	297.4	XCSE	20170427 9:03:40.907000
109	297.4	XCSE	20170427 9:03:40.912000
108	297.4	XCSE	20170427 9:03:40.914000
164	297.5	XCSE	20170427 9:03:41.884000
134	297.4	XCSE	20170427 9:03:43.803000
110	297.4	CHIX	20170427 9:03:43.803000
73	297.4	XCSE	20170427 9:03:46.033000
42	297.4	TRQX	20170427 9:03:47.000000
1	297.4	TRQX	20170427 9:03:47.000000
1	297.4	XCSE	20170427 9:03:47.997000
48	297.4	XCSE	20170427 9:03:47.997000
3	297.4	XCSE	20170427 9:03:47.997000
22	297.4	BATE	20170427 9:03:47.998000
50	297.4	CHIX	20170427 9:03:47.998000
1	297.4	CHIX	20170427 9:03:47.998000
42	297.4	TRQX	20170427 9:03:49.000000
37	297.4	XCSE	20170427 9:03:49.597000
22	297.4	BATE	20170427 9:03:49.597000
50	297.4	CHIX	20170427 9:03:49.598000
42	297.4	TRQX	20170427 9:03:51.000000
32	297.4	CHIX	20170427 9:03:51.512000
8	297.4	XCSE	20170427 9:03:51.513000
80	296	CHIX	20170427 9:03:52.742000
97	295.9	XCSE	20170427 9:03:54.115000
180	295.9	XCSE	20170427 9:03:54.115000
90	295.9	CHIX	20170427 9:03:54.115000
500	295.6	XCSE	20170427 9:03:55.762000
307	295.6	XCSE	20170427 9:03:55.762000
130	295.4	TRQX	20170427 9:03:56.000000

130	295.4	TRQX	20170427 9:03:56.000000
926	295.4	TRQX	20170427 9:03:56.000000
67	295.8	XCSE	20170427 9:03:57.108000
257	295.8	XCSE	20170427 9:03:57.108000
32	295.8	TRQX	20170427 9:03:58.000000
105	295.4	TRQX	20170427 9:03:58.000000
16	295.8	BATE	20170427 9:03:58.404000
6	295.8	XCSE	20170427 9:03:58.405000
67	295.8	XCSE	20170427 9:03:58.405000
36	295.8	CHIX	20170427 9:03:58.405000
67	295.8	XCSE	20170427 9:03:58.415000
67	295.8	XCSE	20170427 9:03:58.415000
67	295.8	XCSE	20170427 9:03:58.416000
51	295.8	XCSE	20170427 9:03:58.431000
74	295.5	CHIX	20170427 9:03:58.688000
110	295.4	CHIX	20170427 9:03:58.688000
153	295.4	CHIX	20170427 9:03:58.688000
74	295.1	XCSE	20170427 9:04:01.466000
169	295.1	XCSE	20170427 9:04:01.466000
80	295.1	CHIX	20170427 9:04:01.467000
172	295.3	XCSE	20170427 9:04:05.328000
182	295.3	CHIX	20170427 9:04:05.329000
67	295.8	XCSE	20170427 9:04:06.367000
67	295.8	XCSE	20170427 9:04:06.423000
16	295.8	CHIX	20170427 9:04:06.441000
16	295.8	BATE	20170427 9:04:06.441000
67	295.8	XCSE	20170427 9:04:06.448000
67	295.8	XCSE	20170427 9:04:06.455000
110	295.7	TRQX	20170427 9:04:07.000000
20	295.8	XCSE	20170427 9:04:07.088000
155	295.7	XCSE	20170427 9:04:07.216000
30	295.6	CHIX	20170427 9:04:07.241000
182	295.6	TRQX	20170427 9:04:08.000000
33	295.9	TRQX	20170427 9:04:10.000000
37	295.9	CHIX	20170427 9:04:10.551000
49	295.9	XCSE	20170427 9:04:10.561000
39	295.5	TRQX	20170427 9:04:11.000000
1	295.5	TRQX	20170427 9:04:11.000000
180	295.5	XCSE	20170427 9:04:11.773000
40	295.5	XCSE	20170427 9:04:11.773000
11	295.5	XCSE	20170427 9:04:11.773000
19	295.5	BATE	20170427 9:04:11.773000
45	295.5	CHIX	20170427 9:04:11.775000
1	295.5	CHIX	20170427 9:04:11.775000
16	295.9	TRQX	20170427 9:04:13.000000
19	295.9	XCSE	20170427 9:04:13.496000
68	295.9	XCSE	20170427 9:04:13.496000
68	295.9	XCSE	20170427 9:04:13.527000
68	295.9	XCSE	20170427 9:04:13.569000
68	295.9	XCSE	20170427 9:04:13.622000

68	295.9	XCSE	20170427 9:04:14.497000
68	295.9	XCSE	20170427 9:04:14.520000
5	295.9	XCSE	20170427 9:04:14.520000
68	295.9	XCSE	20170427 9:04:14.540000
27	295.9	TRQX	20170427 9:04:15.000000
6	295.9	TRQX	20170427 9:04:15.000000
68	295.9	XCSE	20170427 9:04:15.386000
43	295.9	XCSE	20170427 9:04:15.386000
50	296.8	XCSE	20170427 9:04:27.856000
50	296.8	XCSE	20170427 9:04:28.503000
50	296.8	XCSE	20170427 9:04:29.117000
88	296.8	CHIX	20170427 9:04:29.137000
38	296.8	BATE	20170427 9:04:29.139000
8	296.8	XCSE	20170427 9:04:29.149000
158	296.8	XCSE	20170427 9:04:29.150000
158	296.8	XCSE	20170427 9:04:29.150000
94	296.8	XCSE	20170427 9:04:29.164000
39	297.6	TRQX	20170427 9:04:40.000000
23	297.6	BATE	20170427 9:04:40.252000
23	297.6	TRQX	20170427 9:04:46.000000
3	297.6	XCSE	20170427 9:04:46.044000
97	297.6	XCSE	20170427 9:04:46.044000
97	297.6	XCSE	20170427 9:04:46.064000
97	297.6	XCSE	20170427 9:04:46.065000
97	297.6	XCSE	20170427 9:04:46.075000
75	297.6	XCSE	20170427 9:04:46.109000
31	297.5	BATE	20170427 9:05:04.050000
49	297.5	BATE	20170427 9:05:04.050000
61	297.5	CHIX	20170427 9:05:05.220000
80	297.1	XCSE	20170427 9:07:01.310000
215	298	XCSE	20170427 9:11:16.196000
1285	298	XCSE	20170427 9:11:18.091000
149	298.1	XCSE	20170427 9:11:33.194000
170	298	XCSE	20170427 9:11:33.194000
160	298	XCSE	20170427 9:11:33.194000
70	298.1	TRQX	20170427 9:11:33.195000
223	298.1	TRQX	20170427 9:11:33.195000
35	298.1	BATE	20170427 9:11:33.195000
100	298.1	CHIX	20170427 9:11:33.195000
166	298.1	TRQX	20170427 9:11:33.195000
35	298	BATE	20170427 9:11:33.195000
84	298.1	CHIX	20170427 9:11:33.195000
110	298	BATE	20170427 9:11:33.195000
138	298.1	CHIX	20170427 9:11:33.195000
48	298.1	CHIX	20170427 9:11:33.195000
291	298.1	CHIX	20170427 9:11:33.195000
110	298	CHIX	20170427 9:11:33.195000
4	298	CHIX	20170427 9:11:33.284000
71	298	CHIX	20170427 9:12:21.238000
28	298	BATE	20170427 9:12:21.238000

52	298	TRQX	20170427 9:12:21.238000
184	298	XCSE	20170427 9:12:21.248000
33	298.35	CHID	20170427 9:12:48.449000
31	298.35	CHID	20170427 9:12:48.449000
332	298.45	CHID	20170427 9:13:01.073000
525	298.45	CHID	20170427 9:13:01.281000
714	298.45	TRQM	20170427 9:13:01.283000
22	298.45	TRQM	20170427 9:13:01.322000
922	298.45	BATD	20170427 9:13:01.323000
295	298.5	XCSE	20170427 9:13:01.337000
1205	298.5	XCSE	20170427 9:13:01.337000
650	298.5	XCSE	20170427 9:13:01.337000
1855	298.5	XCSE	20170427 9:13:01.337000
378	298.55	CHID	20170427 9:13:01.351000
399	298.6	XCSE	20170427 9:13:02.154000
16	298.4	BATD	20170427 9:13:02.777000
277	298.4	BATD	20170427 9:13:02.807000
123	298.1	XCSE	20170427 9:13:19.732000
527	298.1	XCSE	20170427 9:13:19.732000
527	298.1	XCSE	20170427 9:13:19.732000
237	298	XCSE	20170427 9:16:10.404000
1	298	XCSE	20170427 9:16:10.404000
412	298	XCSE	20170427 9:16:10.404000
1	298	XCSE	20170427 9:16:10.404000
650	298.1	XCSE	20170427 9:16:12.195000
478	298.4	XCSE	20170427 9:16:13.255000
6	298.45	BATD	20170427 9:16:15.336000
650	298.2	XCSE	20170427 9:16:17.006000
13	298.35	BATD	20170427 9:16:20.482000
16	298.4	CHID	20170427 9:16:26.871000
140	298.4	BATD	20170427 9:16:27.377000
115	298.4	BATD	20170427 9:16:27.447000
163	298.4	BATD	20170427 9:16:27.533000
25	298.45	CHID	20170427 9:16:36.885000
650	298.5	XCSE	20170427 9:16:36.899000
16	298.5	XCSE	20170427 9:16:36.899000
103	298.5	XCSE	20170427 9:16:36.899000
221	298.5	XCSE	20170427 9:16:36.899000
13	298.45	TRQM	20170427 9:16:36.908000
17	298.55	CHID	20170427 9:16:36.947000
25	298.6	BATD	20170427 9:16:37.963000
10	298.6	CHID	20170427 9:16:37.963000
10	298.6	TRQM	20170427 9:16:37.964000
217	298.5	XCSE	20170427 9:16:40.385000
152	298.5	XCSE	20170427 9:16:40.385000
133	298.4	XCSE	20170427 9:16:40.385000
139	298.4	XCSE	20170427 9:16:40.385000
40	298.4	XCSE	20170427 9:16:40.385000
73	298.4	TRQX	20170427 9:16:40.391000
208	298.4	BATE	20170427 9:16:40.391000

100	298.5	CHIX	20170427 9:16:40.391000
40	298.4	BATE	20170427 9:16:40.391000
74	298.4	CHIX	20170427 9:16:40.391000
106	298.4	CHIX	20170427 9:16:40.391000
55	298.4	CHIX	20170427 9:16:40.391000
800	298.4	XCSE	20170427 9:17:24.697000
27	298.35	CHID	20170427 9:17:24.710000
800	298.4	XCSE	20170427 9:17:24.717000
800	298.4	XCSE	20170427 9:17:24.835000
47	298.35	BATD	20170427 9:17:49.219000
17	298.35	CHID	20170427 9:17:49.219000
18	298.35	TRQM	20170427 9:17:49.219000
246	298.35	TRQM	20170427 9:17:49.219000
17	298.35	CHID	20170427 9:17:49.220000
18	298.35	TRQM	20170427 9:17:49.220000
47	298.35	BATD	20170427 9:17:49.220000
800	298.4	XCSE	20170427 9:17:49.230000
190	298.4	XCSE	20170427 9:17:49.230000
100	298.4	XCSE	20170427 9:17:49.230000
12	298.35	TRQM	20170427 9:17:49.239000
61	298.35	CHID	20170427 9:17:49.244000
47	298.35	BATD	20170427 9:17:49.262000
18	298.35	TRQM	20170427 9:17:49.262000
17	298.35	CHID	20170427 9:17:49.262000
63	298.4	XCSE	20170427 9:17:49.272000
26	298.35	TRQM	20170427 9:17:49.488000
82	298.35	CHID	20170427 9:17:49.488000
103	298.4	XCSE	20170427 9:17:49.499000
17	298.35	CHID	20170427 9:17:50.264000
18	298.35	TRQM	20170427 9:17:50.264000
47	298.35	BATD	20170427 9:17:50.264000
47	298.35	BATD	20170427 9:17:51.325000
18	298.35	TRQM	20170427 9:17:51.325000
17	298.35	CHID	20170427 9:17:51.325000
7	298.4	XCSE	20170427 9:17:51.335000
12	298.35	TRQM	20170427 9:17:51.345000
18	298.35	CHID	20170427 9:17:56.455000
242	298.4	CHID	20170427 9:18:10.721000
34	298.4	TRQM	20170427 9:18:11.020000
14	298.4	BATD	20170427 9:18:11.020000
95	298.4	TRQM	20170427 9:18:11.020000
19	298.4	CHID	20170427 9:18:11.020000
48	298.4	CHID	20170427 9:18:11.020000
48	298.4	CHID	20170427 9:18:11.020000
13	298.4	TRQM	20170427 9:18:11.301000
12	298.4	BATD	20170427 9:18:11.301000
97	298.45	TRQM	20170427 9:18:12.080000
48	298.45	CHID	20170427 9:18:12.080000
48	298.45	CHID	20170427 9:18:12.081000
452	298.2	XCSE	20170427 9:18:20.966000

226	298.2	XCSE	20170427 9:18:20.966000
226	298.2	XCSE	20170427 9:18:20.966000
145	298.3	TRQM	20170427 9:18:21.147000
143	298.3	TRQM	20170427 9:18:21.148000
20	298.3	XCSE	20170427 9:18:21.271000
41	298.3	CHID	20170427 9:18:27.916000
100	298.3	TRQM	20170427 9:18:29.221000
13	298.3	CHID	20170427 9:18:34.042000
14	298.4	CHID	20170427 9:18:40.958000
26	298.45	CHID	20170427 9:18:53.528000
200	298.7	DCSE	20170427 9:18:58.846000
16	298.7	CHID	20170427 9:19:01.142000
129	298.7	BATD	20170427 9:19:02.546000
226	298.7	BATD	20170427 9:19:02.613000
149	298.5	XCSE	20170427 9:19:07.593000
130	298.5	XCSE	20170427 9:19:07.593000
138	298.5	CHIX	20170427 9:19:07.608000
115	298.4	TRQM	20170427 9:19:10.985000
175	298.4	BATD	20170427 9:19:24.230000
23	298.45	TRQM	20170427 9:19:24.230000
150	298.45	TRQM	20170427 9:19:24.230000
604	298.5	CHIX	20170427 9:19:24.230000
78	298.5	BATE	20170427 9:19:24.230000
100	298.5	BATE	20170427 9:19:24.230000
474	298.5	TRQX	20170427 9:19:24.230000
91	298.5	BATE	20170427 9:19:24.230000
25	298.5	BATE	20170427 9:19:24.230000
100	298.45	TRQM	20170427 9:19:24.231000
31	298.45	TRQM	20170427 9:19:24.231000
17	298.45	TRQM	20170427 9:19:24.231000
79	298.5	TRQX	20170427 9:19:24.231000
49	298.45	TRQM	20170427 9:19:24.235000
13	298.4	CHID	20170427 9:19:30.572000
38	298.4	CHID	20170427 9:19:38.393000
48	298.4	CHID	20170427 9:19:38.402000
678	298.5	XCSE	20170427 9:19:39.463000
67	298.4	TRQM	20170427 9:19:39.473000
37	298.4	CHID	20170427 9:19:39.473000
22	298.4	BATD	20170427 9:19:39.473000
48	298.4	CHID	20170427 9:19:39.473000
19	298.55	CHID	20170427 9:19:39.477000
684	298.4	CHID	20170427 9:19:40.959000
720	298.4	BATD	20170427 9:19:40.959000
887	298.45	CHID	20170427 9:19:41.032000
789	298.45	CHID	20170427 9:19:41.128000
678	298.5	XCSE	20170427 9:19:44.158000
678	298.5	XCSE	20170427 9:19:44.158000
16	298.85	CHID	20170427 9:20:03.354000
150	298.8	XCSE	20170427 9:20:14.228000
147	298.8	XCSE	20170427 9:20:14.228000

166	298.8	XCSE	20170427 9:20:14.228000
162	298.7	XCSE	20170427 9:20:14.228000
155	298.7	XCSE	20170427 9:20:14.228000
206	298.8	TRQX	20170427 9:20:14.235000
38	298.8	BATE	20170427 9:20:14.235000
45	298.8	BATE	20170427 9:20:14.235000
78	298.8	TRQX	20170427 9:20:14.235000
100	298.8	CHIX	20170427 9:20:14.235000
38	298.7	BATE	20170427 9:20:14.235000
100	298.8	CHIX	20170427 9:20:14.235000
256	298.8	CHIX	20170427 9:20:14.235000
72	298.8	CHIX	20170427 9:20:14.235000
74	298.7	CHIX	20170427 9:20:14.235000
44	298.7	CHIX	20170427 9:20:14.235000
23	298.75	CHID	20170427 9:20:14.240000
338	298.65	CHID	20170427 9:20:27.056000
209	298.65	CHID	20170427 9:20:27.056000
136	298.65	BATD	20170427 9:20:27.056000
284	298.7	TRQX	20170427 9:20:27.056000
100	298.7	BATE	20170427 9:20:27.056000
134	298.7	CHIX	20170427 9:20:27.056000
16	298.65	TRQM	20170427 9:20:27.057000
678	298.7	XCSE	20170427 9:20:27.067000
669	298.7	XCSE	20170427 9:20:27.067000
984	298.7	XCSE	20170427 9:20:27.067000
11	298.65	TRQM	20170427 9:20:27.076000
257	298.6	BATD	20170427 9:20:27.508000
257	298.6	CHID	20170427 9:20:27.508000
493	298.4	XCSE	20170427 9:20:30.289000
185	298.4	XCSE	20170427 9:20:30.289000
87	298.5	TRQM	20170427 9:20:34.584000
42	298.5	CHID	20170427 9:20:34.587000
935	298.55	BATD	20170427 9:20:42.515000
131	298.6	XCSE	20170427 9:20:59.801000
689	298.6	XCSE	20170427 9:20:59.801000
24	298.55	TRQM	20170427 9:20:59.811000
14	298.55	CHID	20170427 9:20:59.811000
53	298.6	CHID	20170427 9:20:59.814000
689	298.6	XCSE	20170427 9:21:06.892000
15	298.6	CHID	20170427 9:21:06.905000
148	298.55	BATD	20170427 9:21:10.727000
148	298.55	DCSE	20170427 9:21:10.757000
478	298.55	BATD	20170427 9:21:11.002000
1112	298.55	DCSE	20170427 9:21:41.012000
229	298.55	TRQM	20170427 9:21:41.107000
147	298.55	CHID	20170427 9:21:51.564000
153	298.55	CHID	20170427 9:21:51.633000
153	298.55	CHID	20170427 9:21:51.698000
355	298.55	CHID	20170427 9:21:57.314000
87	299.3	XCSE	20170427 9:26:10.605000

100	299.3	CHIX	20170427 9:26:10.611000
163	299.3	CHIX	20170427 9:26:10.611000
100	299.6	BATE	20170427 9:27:46.486000
100	299.6	CHIX	20170427 9:27:46.486000
184	299.6	CHIX	20170427 9:27:46.486000
13	298.8	CHIX	20170427 9:33:09.818000
267	298.5	TRQM	20170427 9:34:04.000000
37	298.6	BATE	20170427 9:34:12.207000
97	298.6	CHIX	20170427 9:34:12.208000
110	298.6	XCSE	20170427 9:34:12.209000
18	298.6	XCSE	20170427 9:34:12.212000
128	298.6	XCSE	20170427 9:34:12.218000
6	298.6	XCSE	20170427 9:34:12.218000
202	297.6	TRQM	20170427 9:39:00.000000
8	297.7	TRQX	20170427 9:39:01.000000
65	297.7	XCSE	20170427 9:39:01.073000
75	297.7	XCSE	20170427 9:39:01.089000
37	297.7	TRQX	20170427 9:39:06.000000
22	297.7	BATE	20170427 9:39:06.443000
57	297.7	CHIX	20170427 9:39:06.444000
75	297.7	XCSE	20170427 9:39:06.454000
75	297.7	XCSE	20170427 9:39:06.454000
27	297.7	XCSE	20170427 9:39:06.454000
27	298	TRQX	20170427 9:40:17.000000
41	298	CHIX	20170427 9:40:17.181000
12	298	CHIX	20170427 9:40:17.181000
19	298	BATE	20170427 9:40:17.181000
7	297.4	XCSE	20170427 9:41:18.608000
18	297.4	BATE	20170427 9:41:18.619000
50	297.4	XCSE	20170427 9:41:20.391000
9	297.4	XCSE	20170427 9:41:20.392000
55	297.6	XCSE	20170427 9:43:38.583000
196	297.55	TRQM	20170427 9:43:40.000000
59	297.6	CHIX	20170427 9:44:00.316000
20	297.6	BATE	20170427 9:44:00.316000
34	297.6	XCSE	20170427 9:44:00.326000
1	297.8	TRQX	20170427 9:44:59.000000
33	297.8	TRQX	20170427 9:44:59.000000
10	297.8	TRQX	20170427 9:44:59.000000
2	297.8	CHIX	20170427 9:44:59.588000
39	297.8	XCSE	20170427 9:44:59.599000
47	297.8	CHIX	20170427 9:44:59.612000
15	297.8	BATE	20170427 9:44:59.612000
31	297.8	TRQX	20170427 9:47:43.000000
199	297.75	CHID	20170427 9:47:43.007000
37	297.9	TRQX	20170427 9:48:53.000000
21	297.9	BATE	20170427 9:48:53.201000
46	297.9	CHIX	20170427 9:48:53.204000
59	297.9	XCSE	20170427 9:48:53.211000
195	297.75	TRQM	20170427 9:52:21.000000

196	297.35	TRQM	20170427 9:54:04.000000
84	297.4	TRQX	20170427 9:54:04.000000
93	297.4	CHIX	20170427 9:54:04.802000
51	297.4	BATE	20170427 9:54:04.802000
137	297.4	XCSE	20170427 9:54:04.812000
39	297.7	TRQX	20170427 9:57:54.000000
58	297.7	CHIX	20170427 9:57:54.449000
18	297.7	BATE	20170427 9:57:54.449000
53	297.7	XCSE	20170427 9:57:54.459000
68	297.6	TRQX	20170427 9:59:12.000000
100	297.6	CHIX	20170427 9:59:12.241000
30	297.6	BATE	20170427 9:59:12.241000
84	297.6	XCSE	20170427 9:59:12.252000
226	297.6	TRQM	20170427 10:00:04.000000
29	297.7	TRQX	20170427 10:01:44.000000
204	297.65	TRQM	20170427 10:02:19.000000
42	297.7	XCSE	20170427 10:03:17.084000
42	297.7	CHIX	20170427 10:03:19.633000
19	297.7	XCSE	20170427 10:03:19.644000
30	297.7	TRQX	20170427 10:04:04.000000
61	297.7	CHIX	20170427 10:04:04.493000
27	297.7	BATE	20170427 10:04:04.493000
72	297.7	XCSE	20170427 10:04:04.524000
100	297.2	TRQX	20170427 10:06:57.000000
2	297.2	TRQX	20170427 10:06:57.000000
131	297.2	CHIX	20170427 10:06:57.832000
41	297.2	BATE	20170427 10:06:57.832000
125	297.2	XCSE	20170427 10:06:57.842000
48	297.1	TRQX	20170427 10:08:08.000000
34	297.1	CHIX	20170427 10:08:08.607000
26	297.1	CHIX	20170427 10:08:08.607000
46	297.1	XCSE	20170427 10:08:08.618000
16	297.3	BATE	20170427 10:09:51.609000
235	297.25	TRQM	20170427 10:10:33.000000
60	297.3	CHIX	20170427 10:10:33.725000
54	297.3	BATE	20170427 10:10:33.725000
55	297.3	XCSE	20170427 10:10:33.746000
26	297.4	TRQX	20170427 10:12:02.000000
20	297.4	TRQX	20170427 10:12:02.000000
57	297.4	CHIX	20170427 10:12:02.356000
1	297.3	BATE	20170427 10:13:08.306000
30	297.3	CHIX	20170427 10:13:44.480000
49	297.3	XCSE	20170427 10:13:44.491000
42	297.3	XCSE	20170427 10:13:52.624000
19	297.3	CHIX	20170427 10:13:52.634000
38	297.5	TRQX	20170427 10:15:20.000000
5	297.5	CHIX	20170427 10:15:20.228000
42	297.5	CHIX	20170427 10:15:20.229000
19	297.5	BATE	20170427 10:15:20.229000
45	297.5	XCSE	20170427 10:15:20.239000

44	297.7	TRQX	20170427 10:18:03.000000
202	297.65	TRQM	20170427 10:18:03.000000
21	297.7	BATE	20170427 10:18:03.508000
29	297.7	CHIX	20170427 10:18:03.508000
55	297.7	XCSE	20170427 10:18:03.519000
43	297.4	TRQX	20170427 10:19:16.000000
32	297.4	CHIX	20170427 10:19:16.266000
66	297.4	XCSE	20170427 10:19:16.277000
198	297.55	TRQM	20170427 10:23:13.000000
36	297.6	TRQX	20170427 10:23:33.000000
46	297.3	TRQX	20170427 10:23:59.000000
71	297.3	XCSE	20170427 10:23:59.137000
29	297.3	BATE	20170427 10:23:59.147000
64	297.3	CHIX	20170427 10:23:59.147000
22	297.7	TRQX	20170427 10:25:38.000000
23	297.7	TRQX	20170427 10:25:38.000000
50	297.7	CHIX	20170427 10:25:38.830000
47	297.7	XCSE	20170427 10:25:38.844000
35	298	TRQX	20170427 10:28:02.000000
49	298	XCSE	20170427 10:28:02.099000
18	298	BATE	20170427 10:28:02.109000
49	298	CHIX	20170427 10:28:02.109000
47	297.9	TRQX	20170427 10:29:20.000000
23	297.9	BATE	20170427 10:29:20.894000
78	297.9	XCSE	20170427 10:29:20.904000
3	297.9	XCSE	20170427 10:29:20.904000
24	297.6	TRQX	20170427 10:32:15.000000
28	297.6	TRQX	20170427 10:32:15.000000
20	297.6	CHIX	20170427 10:32:15.924000
17	297.6	BATE	20170427 10:32:15.925000
84	297.6	XCSE	20170427 10:32:15.935000
36	297.7	TRQX	20170427 10:36:02.000000
84	297.7	XCSE	20170427 10:36:02.136000
27	297.7	BATE	20170427 10:36:02.146000
89	297.7	CHIX	20170427 10:36:02.146000
23	297.7	XCSE	20170427 10:36:02.156000
64	297.7	BATE	20170427 10:40:53.447000
197	297.65	TRQM	20170427 10:43:43.000000
3	297.7	BATE	20170427 10:43:43.733000
23	297.7	BATE	20170427 10:43:43.733000
8	297.7	BATE	20170427 10:43:43.936000
4	297.7	BATE	20170427 10:43:43.937000
83	297.7	BATE	20170427 10:43:43.937000
14	297.7	BATE	20170427 10:43:43.937000
184	297.7	XCSE	20170427 10:43:44.830000
95	297.7	BATE	20170427 10:43:44.843000
200	297.55	TRQM	20170427 10:45:59.000000
100	297.2	XCSE	20170427 10:47:34.671000
37	297.2	TRQX	20170427 10:48:52.000000
94	297.2	CHIX	20170427 10:48:52.458000

12	297.2	BATE	20170427 10:48:52.458000
23	297.2	BATE	20170427 10:48:52.458000
83	297.2	XCSE	20170427 10:48:52.469000
13	297.2	XCSE	20170427 10:48:52.469000
26	297.2	XCSE	20170427 10:48:52.469000
57	296.8	TRQX	20170427 10:50:48.000000
72	296.8	XCSE	20170427 10:50:48.146000
19	296.8	BATE	20170427 10:50:48.152000
62	296.8	CHIX	20170427 10:50:48.152000
4	296.9	TRQX	20170427 10:53:37.000000
197	296.85	TRQM	20170427 10:54:34.000000
146	296.2	TRQX	20170427 11:00:25.000000
204	296.2	CHIX	20170427 11:00:25.715000
50	296.2	BATE	20170427 11:00:25.715000
109	296.2	XCSE	20170427 11:00:25.721000
248	296.2	XCSE	20170427 11:00:25.721000
45	296.3	TRQX	20170427 11:02:05.000000
61	296.3	CHIX	20170427 11:02:05.500000
15	296.3	BATE	20170427 11:02:05.500000
66	296.3	XCSE	20170427 11:02:05.506000
54	296.4	XCSE	20170427 11:04:12.308000
22	296.4	XCSE	20170427 11:04:33.133000
18	296.4	XCSE	20170427 11:04:56.540000
31	296.4	CHIX	20170427 11:04:56.551000
31	296.4	CHIX	20170427 11:05:34.657000
47	296.4	TRQX	20170427 11:05:40.000000
31	296.4	CHIX	20170427 11:05:40.735000
81	296.4	XCSE	20170427 11:05:40.741000
13	296.4	XCSE	20170427 11:05:40.766000
21	296.8	BATE	20170427 11:07:49.930000
49	296.5	TRQX	20170427 11:09:25.000000
58	296.5	XCSE	20170427 11:09:25.496000
33	296.5	CHIX	20170427 11:09:25.506000
33	296.5	CHIX	20170427 11:09:25.506000
22	296.5	BATE	20170427 11:09:25.506000
40	296.3	TRQX	20170427 11:11:09.000000
16	296.3	CHIX	20170427 11:11:09.990000
19	296.3	BATE	20170427 11:11:09.990000
65	296.3	XCSE	20170427 11:11:09.996000
38	296.3	TRQX	20170427 11:13:45.000000
48	296.3	XCSE	20170427 11:13:45.773000
20	296.3	BATE	20170427 11:13:45.783000
34	296.3	CHIX	20170427 11:13:45.784000
45	296	TRQX	20170427 11:14:32.000000
22	296	BATE	20170427 11:14:32.687000
73	296	XCSE	20170427 11:14:32.698000
164	295.9	TRQX	20170427 11:16:40.000000
405	295.9	TRQM	20170427 11:16:40.000000
69	295.9	TRQM	20170427 11:16:40.000000
244	295.9	XCSE	20170427 11:16:40.279000

74	295.9	BATE	20170427 11:16:40.289000
225	295.9	CHIX	20170427 11:16:40.289000
29	295.9	TRQX	20170427 11:25:15.000000
49	295.9	CHIX	20170427 11:25:15.426000
14	295.9	BATE	20170427 11:25:15.426000
55	295.9	XCSE	20170427 11:25:15.436000
35	296.1	TRQX	20170427 11:25:45.000000
43	296.1	CHIX	20170427 11:25:45.204000
20	296.1	BATE	20170427 11:25:45.204000
6	296.1	XCSE	20170427 11:25:45.210000
44	296.1	XCSE	20170427 11:25:45.210000
100	296.1	TRQX	20170427 11:27:08.639000
81	296.1	BATE	20170427 11:27:08.639000
144	296.1	TRQX	20170427 11:27:08.639000
1	296.1	BATE	20170427 11:27:08.639000
31	296.1	CHIX	20170427 11:27:08.639000
197	296.1	TRQX	20170427 11:27:08.639000
5	296.1	TRQX	20170427 11:27:08.639000
60	296.1	TRQX	20170427 11:27:08.639000
127	296.1	TRQX	20170427 11:27:08.639000
160	296.1	TRQX	20170427 11:27:08.639000
94	296.1	TRQX	20170427 11:27:08.639000
159	296	XCSE	20170427 11:27:16.350000
52	296	XCSE	20170427 11:27:16.350000
137	296	TRQX	20170427 11:27:16.355000
202	296	CHIX	20170427 11:27:16.356000
3	296.1	TRQX	20170427 11:29:55.000000
51	296.1	CHIX	20170427 11:30:52.206000
61	296.1	XCSE	20170427 11:31:06.987000
7	296.1	CHIX	20170427 11:33:00.521000
33	296.1	BATE	20170427 11:33:44.732000
17	296.1	CHIX	20170427 11:33:44.732000
13	296.1	CHIX	20170427 11:33:44.742000
48	296.1	CHIX	20170427 11:33:44.794000
12	296.1	TRQX	20170427 11:33:45.000000
20	296.1	XCSE	20170427 11:33:45.363000
46	296.1	XCSE	20170427 11:33:45.364000
159	296.1	XCSE	20170427 11:33:45.364000
33	296.1	BATE	20170427 11:33:45.370000
45	296.3	TRQX	20170427 11:35:55.000000
15	296.3	TRQX	20170427 11:35:55.000000
63	296.3	CHIX	20170427 11:35:55.132000
30	296.3	BATE	20170427 11:35:55.132000
58	296.3	XCSE	20170427 11:35:55.142000
38	296.4	CHIX	20170427 11:36:09.275000
41	296.4	XCSE	20170427 11:36:10.306000
260	296.3	XCSE	20170427 11:37:07.243000
39	296.3	XCSE	20170427 11:37:07.243000
153	296.3	TRQX	20170427 11:37:07.249000
100	296.3	BATE	20170427 11:37:07.249000

2	296.3	TRQX	20170427 11:37:07.249000
208	296.3	CHIX	20170427 11:37:07.249000
238	296.3	CHIX	20170427 11:37:07.249000
16	296.4	XCSE	20170427 11:37:57.885000
31	296.4	CHIX	20170427 11:38:04.904000
11	296.4	CHIX	20170427 11:38:04.914000
34	296.4	BATE	20170427 11:38:38.105000
27	296.4	CHIX	20170427 11:38:38.105000
78	296.4	XCSE	20170427 11:38:51.295000
52	296.4	BATE	20170427 11:38:51.301000
49	296.4	CHIX	20170427 11:38:51.301000
11	296.4	TRQX	20170427 11:41:39.000000
19	296.4	TRQX	20170427 11:41:39.000000
54	296.4	XCSE	20170427 11:41:39.237000
41	296.4	CHIX	20170427 11:41:39.247000
21	296.4	BATE	20170427 11:41:39.275000
38	296.6	TRQX	20170427 11:41:58.000000
3	296.6	TRQX	20170427 11:42:03.000000
19	296.6	BATE	20170427 11:42:03.203000
44	296.6	CHIX	20170427 11:42:03.203000
43	296.6	XCSE	20170427 11:42:03.209000
45	296.9	TRQX	20170427 11:43:47.000000
46	296.9	CHIX	20170427 11:43:47.858000
45	296.9	XCSE	20170427 11:43:47.864000
150	296.8	XCSE	20170427 11:43:52.033000
87	296.8	XCSE	20170427 11:43:52.033000
100	296.8	XCSE	20170427 11:43:52.033000
204	296.8	XCSE	20170427 11:43:52.033000
75	296.8	XCSE	20170427 11:43:52.033000
140	296.8	XCSE	20170427 11:43:52.033000
230	296.8	XCSE	20170427 11:43:52.033000
143	296.8	XCSE	20170427 11:43:52.033000
197	296.8	XCSE	20170427 11:43:52.033000
200	296.7	XCSE	20170427 11:43:52.033000
87	296.7	XCSE	20170427 11:43:52.033000
151	296.7	XCSE	20170427 11:43:52.033000
167	296.7	XCSE	20170427 11:43:52.033000
41	296.7	XCSE	20170427 11:43:52.033000
160	296.7	XCSE	20170427 11:43:52.033000
69	296.7	XCSE	20170427 11:43:52.033000
175	296.8	TRQX	20170427 11:43:52.039000
78	296.8	BATE	20170427 11:43:52.039000
134	296.8	TRQX	20170427 11:43:52.039000
81	296.7	BATE	20170427 11:43:52.039000
100	296.7	CHIX	20170427 11:43:52.039000
192	296.8	TRQX	20170427 11:43:52.039000
200	296.6	BATE	20170427 11:43:52.039000
39	296.7	CHIX	20170427 11:43:52.039000
5	296.7	TRQX	20170427 11:43:52.039000
90	296.6	BATE	20170427 11:43:52.039000

243	296.7	TRQX	20170427 11:43:52.039000
97	296.7	CHIX	20170427 11:43:52.039000
57	296.7	TRQX	20170427 11:43:52.039000
100	296.6	CHIX	20170427 11:43:52.039000
30	296.7	TRQX	20170427 11:43:52.039000
39	296.6	CHIX	20170427 11:43:52.039000
97	296.6	CHIX	20170427 11:43:52.039000
42	296.6	CHIX	20170427 11:43:52.039000
45	296.8	XCSE	20170427 11:46:36.630000
47	296.8	CHIX	20170427 11:46:36.651000
14	296.8	BATE	20170427 11:46:37.431000
16	296.8	XCSE	20170427 11:46:37.438000
37	296.8	CHIX	20170427 11:46:37.445000
24	296.9	CHIX	20170427 11:47:16.388000
6	296.9	XCSE	20170427 11:47:23.842000
63	296.9	XCSE	20170427 11:48:45.667000
18	296.9	BATE	20170427 11:48:45.677000
36	296.9	CHIX	20170427 11:48:45.677000
34	297	TRQX	20170427 11:50:12.000000
63	297	XCSE	20170427 11:50:12.555000
47	297	CHIX	20170427 11:50:12.565000
6	297.3	TRQX	20170427 11:51:13.000000
35	297.3	XCSE	20170427 11:51:13.481000
3	297.3	XCSE	20170427 11:51:13.482000
1	297.3	BATE	20170427 11:51:13.491000
6	297.3	CHIX	20170427 11:51:13.491000
40	297.1	TRQX	20170427 11:53:06.000000
18	297.1	BATE	20170427 11:53:06.511000
68	297.1	XCSE	20170427 11:53:06.521000
30	297.1	CHIX	20170427 11:53:06.521000
20	297.1	BATE	20170427 11:53:20.549000
18	296.6	TRQX	20170427 12:00:03.000000
22	296.6	TRQX	20170427 12:00:03.000000
10	296.6	TRQX	20170427 12:00:03.000000
198	296.6	TRQM	20170427 12:00:03.000000
200	296.6	XCSE	20170427 12:00:03.699000
43	296.6	CHIX	20170427 12:00:03.726000
24	296.6	BATE	20170427 12:00:03.726000
23	296.6	CHIX	20170427 12:00:03.726000
61	296.6	XCSE	20170427 12:00:03.736000
21	296.6	XCSE	20170427 12:00:03.736000
57	296.5	TRQX	20170427 12:03:44.000000
78	296.5	CHIX	20170427 12:03:44.530000
30	296.5	BATE	20170427 12:03:44.530000
75	296.5	XCSE	20170427 12:03:44.540000
18	296.5	TRQX	20170427 12:04:45.000000
73	296.5	XCSE	20170427 12:04:45.016000
18	296.5	BATE	20170427 12:04:45.022000
49	296.5	CHIX	20170427 12:04:45.022000
11	296.5	CHIX	20170427 12:04:45.022000

50	296.7	TRQX	20170427 12:06:41.000000
68	296.7	XCSE	20170427 12:06:41.574000
19	296.7	BATE	20170427 12:06:41.581000
72	296.7	CHIX	20170427 12:06:41.581000
201	296.25	TRQM	20170427 12:14:17.000000
62	296.3	TRQX	20170427 12:14:30.000000
50	296.3	TRQX	20170427 12:14:30.000000
42	296.3	BATE	20170427 12:14:30.603000
164	296.3	XCSE	20170427 12:14:30.618000
14	296.3	XCSE	20170427 12:14:30.618000
155	296.3	CHIX	20170427 12:14:30.628000
17	296.6	TRQX	20170427 12:19:29.000000
24	296.6	TRQX	20170427 12:19:45.000000
57	296.6	CHIX	20170427 12:19:45.070000
6	296.6	BATE	20170427 12:19:45.076000
7	296.6	BATE	20170427 12:19:45.077000
49	296.6	XCSE	20170427 12:19:45.083000
43	296.7	TRQX	20170427 12:20:53.000000
88	296.7	CHIX	20170427 12:20:53.057000
21	296.7	BATE	20170427 12:20:53.057000
110	296.7	XCSE	20170427 12:20:53.064000
10	296.7	XCSE	20170427 12:20:53.071000
45	297.1	TRQX	20170427 12:22:19.000000
30	297.1	CHIX	20170427 12:22:19.441000
23	297.1	BATE	20170427 12:22:19.441000
58	297.1	XCSE	20170427 12:22:19.461000
30	297	TRQX	20170427 12:27:37.000000
49	297	CHIX	20170427 12:27:37.720000
17	297	BATE	20170427 12:27:37.720000
41	297	XCSE	20170427 12:27:37.730000
10	297.1	CHIX	20170427 12:28:06.056000
8	297.1	TRQX	20170427 12:28:14.000000
12	297.1	BATE	20170427 12:28:26.217000
33	297.1	BATE	20170427 12:28:27.982000
9	297.1	XCSE	20170427 12:28:35.669000
14	297.1	XCSE	20170427 12:28:50.157000
7	297.1	XCSE	20170427 12:28:57.126000
47	297.1	XCSE	20170427 12:29:45.026000
36	297.1	TRQX	20170427 12:30:19.000000
28	297.1	XCSE	20170427 12:30:19.879000
100	296.8	TRQX	20170427 12:32:15.000000
30	296.8	CHIX	20170427 12:32:15.168000
88	296.8	CHIX	20170427 12:32:15.168000
47	296.8	BATE	20170427 12:32:15.168000
155	296.8	XCSE	20170427 12:32:15.178000
23	296.8	TRQX	20170427 12:36:15.000000
12	296.8	TRQX	20170427 12:36:15.000000
15	296.8	BATE	20170427 12:36:15.075000
15	296.8	CHIX	20170427 12:36:15.075000
4	296.8	BATE	20170427 12:36:15.075000

24	296.8	CHIX	20170427 12:36:15.075000
59	296.8	XCSE	20170427 12:36:15.086000
43	296.9	TRQX	20170427 12:37:09.000000
14	296.9	CHIX	20170427 12:37:09.246000
22	296.9	BATE	20170427 12:37:09.247000
72	296.9	XCSE	20170427 12:37:09.257000
59	297.1	XCSE	20170427 12:41:14.380000
45	297.1	CHIX	20170427 12:42:15.172000
14	297.1	XCSE	20170427 12:42:15.182000
18	297.1	XCSE	20170427 12:42:15.183000
50	297	TRQX	20170427 12:44:03.000000
8	297	XCSE	20170427 12:44:03.984000
50	297	XCSE	20170427 12:44:03.984000
23	297	BATE	20170427 12:44:03.994000
65	297	CHIX	20170427 12:44:03.994000
1	297	BATE	20170427 12:44:03.994000
33	297.1	TRQX	20170427 12:46:11.000000
16	297.1	BATE	20170427 12:46:11.302000
35	297.1	CHIX	20170427 12:46:11.302000
51	297.1	XCSE	20170427 12:46:11.313000
16	297.4	CHIX	20170427 12:50:13.144000
35	297.4	TRQX	20170427 12:50:19.000000
40	297.4	CHIX	20170427 12:50:19.761000
46	297.4	XCSE	20170427 12:50:19.772000
8	297.4	XCSE	20170427 12:50:19.872000
75	297.4	CHIX	20170427 12:50:20.442000
68	297.4	CHIX	20170427 12:50:20.442000
49	297.5	XCSE	20170427 12:56:28.765000
4	297.5	TRQX	20170427 12:56:29.000000
28	297.5	TRQX	20170427 12:56:29.000000
15	297.5	CHIX	20170427 12:56:29.092000
20	297.5	TRQX	20170427 12:59:00.000000
33	297.5	BATE	20170427 12:59:00.999000
89	297.5	CHIX	20170427 12:59:00.999000
46	297.5	TRQX	20170427 12:59:01.000000
14	297.5	XCSE	20170427 12:59:01.010000
40	297.5	XCSE	20170427 12:59:01.010000
32	297.4	TRQX	20170427 13:01:09.000000
49	297.4	XCSE	20170427 13:01:09.078000
15	297.4	BATE	20170427 13:01:09.088000
47	297.4	CHIX	20170427 13:01:09.088000
1	297.5	CHIX	20170427 13:03:43.906000
100	297	TRQX	20170427 13:08:53.000000
12	297	TRQX	20170427 13:08:53.000000
200	296.95	TRQM	20170427 13:08:53.000000
121	297	CHIX	20170427 13:08:53.788000
25	297	BATE	20170427 13:08:53.788000
43	297	CHIX	20170427 13:08:53.788000
30	297	XCSE	20170427 13:08:53.798000
137	297	XCSE	20170427 13:08:53.798000

47	297.2	TRQX	20170427 13:11:15.000000
64	297.2	CHIX	20170427 13:11:15.661000
14	297.2	BATE	20170427 13:11:15.661000
40	297.2	XCSE	20170427 13:11:15.672000
35	297.1	TRQX	20170427 13:15:20.000000
40	297.1	XCSE	20170427 13:15:20.660000
18	297.1	BATE	20170427 13:15:20.670000
53	297.1	CHIX	20170427 13:15:20.680000
1	297.1	XCSE	20170427 13:16:16.622000
32	297.1	XCSE	20170427 13:16:16.622000
41	297.1	CHIX	20170427 13:18:52.442000
32	297.1	XCSE	20170427 13:18:52.452000
31	297.1	CHIX	20170427 13:18:52.462000
27	297.1	BATE	20170427 13:18:52.462000
20	297.1	XCSE	20170427 13:18:52.473000
86	297.1	XCSE	20170427 13:20:08.288000
11	297.1	CHIX	20170427 13:20:11.809000
81	296.7	TRQX	20170427 13:24:21.000000
169	296.7	CHIX	20170427 13:24:21.039000
60	296.7	BATE	20170427 13:24:21.039000
183	296.7	XCSE	20170427 13:24:21.049000
16	297	XCSE	20170427 13:26:12.812000
51	297	XCSE	20170427 13:26:23.230000
41	297	CHIX	20170427 13:26:24.148000
40	297	XCSE	20170427 13:26:24.216000
35	297.1	CHIX	20170427 13:29:52.773000
43	297.1	XCSE	20170427 13:29:52.785000
12	297.1	CHIX	20170427 13:33:32.794000
43	297	TRQX	20170427 13:34:02.000000
59	297	CHIX	20170427 13:34:02.810000
22	297	CHIX	20170427 13:35:36.358000
27	297	CHIX	20170427 13:36:03.429000
32	297	CHIX	20170427 13:36:15.032000
26	297	XCSE	20170427 13:36:15.042000
26	297	XCSE	20170427 13:36:15.042000
36	297	XCSE	20170427 13:36:15.042000
26	297	XCSE	20170427 13:36:15.045000
36	297	XCSE	20170427 13:36:15.045000
151	297	XCSE	20170427 13:36:15.045000
27	297	CHIX	20170427 13:36:15.063000
24	297.1	BATE	20170427 13:36:26.202000
16	297	TRQX	20170427 13:38:42.000000
52	297	TRQX	20170427 13:38:42.000000
74	297	CHIX	20170427 13:38:42.633000
34	297	BATE	20170427 13:38:42.633000
38	297	CHIX	20170427 13:39:48.204000
9	297	CHIX	20170427 13:39:48.214000
41	297	XCSE	20170427 13:40:02.417000
14	297	CHIX	20170427 13:40:02.437000
44	297	XCSE	20170427 13:40:02.447000

36	297.1	TRQX	20170427 13:45:21.000000
43	297.1	XCSE	20170427 13:45:21.806000
20	297.1	CHIX	20170427 13:45:21.824000
5	297.1	CHIX	20170427 13:45:21.829000
30	297.1	CHIX	20170427 13:45:21.881000
88	297	TRQX	20170427 13:48:47.000000
23	297	BATE	20170427 13:48:47.035000
87	297	CHIX	20170427 13:48:47.036000
33	297	CHIX	20170427 13:51:53.283000
181	296.5	TRQX	20170427 13:52:23.000000
48	296.5	CHIX	20170427 13:52:23.953000
24	296.5	CHIX	20170427 13:52:23.953000
44	296.5	BATE	20170427 13:52:23.953000
155	296.5	CHIX	20170427 13:52:23.953000
13	296.5	BATE	20170427 13:52:23.953000
25	296.5	CHIX	20170427 13:52:23.953000
145	296.5	XCSE	20170427 13:52:23.958000
50	296.3	BATE	20170427 13:56:37.987000
98	296.3	BATE	20170427 13:57:29.738000
65	296.3	BATE	20170427 13:57:54.537000
137	296.3	BATE	20170427 14:00:21.044000
107	296.4	XCSE	20170427 14:01:48.837000
105	296.4	CHIX	20170427 14:02:43.623000
33	296.4	CHIX	20170427 14:03:37.890000
12	296.4	XCSE	20170427 14:03:37.902000
68	296.4	XCSE	20170427 14:03:37.902000
71	296	TRQX	20170427 14:05:09.000000
134	296	XCSE	20170427 14:05:09.770000
24	296	CHIX	20170427 14:05:09.779000
76	296	CHIX	20170427 14:05:09.780000
17	296	BATE	20170427 14:05:09.780000
45	295.8	TRQX	20170427 14:08:28.000000
62	295.8	CHIX	20170427 14:08:28.910000
25	295.8	BATE	20170427 14:08:28.910000
4	295.8	XCSE	20170427 14:08:28.921000
39	295.8	XCSE	20170427 14:08:28.921000
15	295.8	XCSE	20170427 14:08:28.924000
43	296	TRQX	20170427 14:09:15.000000
1	296	TRQX	20170427 14:09:45.000000
21	296	TRQX	20170427 14:09:45.000000
72	296	XCSE	20170427 14:09:45.101000
15	296	CHIX	20170427 14:09:45.111000
49	296.3	TRQX	20170427 14:11:36.000000
25	296.3	BATE	20170427 14:11:36.725000
17	296.3	CHIX	20170427 14:11:36.725000
81	296.3	XCSE	20170427 14:11:36.731000
63	296.5	TRQX	20170427 14:16:03.000000
80	296.5	XCSE	20170427 14:16:03.820000
59	296.5	CHIX	20170427 14:16:03.829000
18	296.5	BATE	20170427 14:16:03.829000

20	296.5	CHIX	20170427 14:16:03.830000
6	296.5	BATE	20170427 14:16:03.830000
40	296.7	TRQX	20170427 14:17:28.000000
49	296.7	CHIX	20170427 14:17:28.014000
13	296.7	BATE	20170427 14:17:28.014000
5	296.7	BATE	20170427 14:17:28.014000
54	296.7	XCSE	20170427 14:17:28.026000
6	297	TRQX	20170427 14:19:03.000000
3	297	BATE	20170427 14:19:03.643000
32	297	CHIX	20170427 14:19:04.922000
33	297	TRQX	20170427 14:19:06.000000
9	297	CHIX	20170427 14:19:06.907000
18	297	BATE	20170427 14:19:06.907000
40	297	XCSE	20170427 14:19:06.914000
39	297.1	TRQX	20170427 14:22:57.000000
55	297.1	CHIX	20170427 14:22:57.246000
20	297.1	BATE	20170427 14:22:57.246000
48	297.1	XCSE	20170427 14:22:57.253000
115	297	TRQX	20170427 14:27:18.000000
143	297	XCSE	20170427 14:27:18.182000
50	297	BATE	20170427 14:27:18.192000
158	297	CHIX	20170427 14:27:18.192000
63	297.3	XCSE	20170427 14:29:36.894000
40	297	TRQX	20170427 14:29:53.000000
57	297	CHIX	20170427 14:29:53.760000
21	297	BATE	20170427 14:29:53.760000
2	297	XCSE	20170427 14:29:53.771000
44	297.2	TRQX	20170427 14:31:55.000000
50	297.2	CHIX	20170427 14:31:55.661000
18	297.2	BATE	20170427 14:31:55.661000
44	297.2	XCSE	20170427 14:31:55.672000
4	297.2	TRQX	20170427 14:33:18.000000
5	297.2	CHIX	20170427 14:33:18.199000
2	297.2	BATE	20170427 14:33:18.199000
41	297.2	TRQX	20170427 14:33:26.000000
21	297.2	BATE	20170427 14:33:26.773000
59	297.2	CHIX	20170427 14:33:27.082000
27	297.2	XCSE	20170427 14:33:27.093000
61	297.2	TRQX	20170427 14:36:25.000000
34	297.2	TRQX	20170427 14:36:32.000000
107	297.2	CHIX	20170427 14:36:32.517000
63	297.2	XCSE	20170427 14:36:32.524000
37	297.2	TRQX	20170427 14:39:20.000000
57	297.2	CHIX	20170427 14:39:20.760000
26	297.2	BATE	20170427 14:39:20.760000
58	297.2	XCSE	20170427 14:39:20.771000
21	297.1	XCSE	20170427 14:41:25.919000
15	297.1	CHIX	20170427 14:41:43.778000
21	297.1	BATE	20170427 14:42:16.176000
40	297.1	CHIX	20170427 14:42:16.176000

46	297.1	XCSE	20170427 14:42:16.186000
70	297.1	TRQX	20170427 14:45:05.000000
5	297.1	TRQX	20170427 14:45:31.000000
96	297.1	XCSE	20170427 14:45:31.111000
2	297.1	XCSE	20170427 14:45:31.111000
63	297.1	CHIX	20170427 14:45:31.120000
44	297.1	TRQX	20170427 14:46:57.000000
29	297.1	CHIX	20170427 14:46:57.096000
19	297.1	BATE	20170427 14:46:57.096000
67	297.1	XCSE	20170427 14:46:57.102000
24	297	TRQX	20170427 14:47:35.000000
1	297	TRQX	20170427 14:47:35.000000
16	297	BATE	20170427 14:47:35.682000
53	297	CHIX	20170427 14:47:35.702000
50	297	CHIX	20170427 14:47:35.745000
36	297.1	TRQX	20170427 14:50:24.000000
55	297.1	XCSE	20170427 14:50:24.528000
22	297.1	BATE	20170427 14:50:24.539000
52	297.1	CHIX	20170427 14:50:24.550000
31	297.3	TRQX	20170427 14:51:55.000000
59	297.3	XCSE	20170427 14:51:55.240000
25	297.1	XCSE	20170427 14:52:27.984000
34	297.1	CHIX	20170427 14:52:54.683000
13	297.1	CHIX	20170427 14:53:04.176000
23	297.1	BATE	20170427 14:53:04.393000
14	297.1	CHIX	20170427 14:53:29.548000
2	297.1	CHIX	20170427 14:53:42.761000
23	297.1	BATE	20170427 14:53:43.851000
63	297.1	TRQX	20170427 14:54:27.000000
34	297.1	BATE	20170427 14:54:27.579000
65	297.1	CHIX	20170427 14:54:27.579000
66	297.1	XCSE	20170427 14:54:27.590000
31	297.1	TRQX	20170427 14:56:39.000000
47	297.1	CHIX	20170427 14:56:39.056000
51	297	TRQX	20170427 14:57:52.000000
63	297	XCSE	20170427 14:57:52.360000
45	297	CHIX	20170427 14:57:52.370000
23	297	BATE	20170427 14:57:52.370000
33	297	CHIX	20170427 14:59:50.068000
21	297	BATE	20170427 14:59:50.068000
17	297	CHIX	20170427 15:00:27.217000
33	297	BATE	20170427 15:00:27.217000
39	297	XCSE	20170427 15:00:27.223000
38	297	TRQX	20170427 15:01:47.000000
5	297	TRQX	20170427 15:01:47.000000
64	297	CHIX	20170427 15:01:47.559000
23	297	BATE	20170427 15:01:47.559000
26	297	XCSE	20170427 15:01:47.569000
26	297	XCSE	20170427 15:01:48.154000
28	297	XCSE	20170427 15:01:48.154000

23	297	BATE	20170427 15:01:48.166000
55	297	TRQX	20170427 15:03:25.000000
30	297	BATE	20170427 15:03:25.745000
71	297	CHIX	20170427 15:03:25.746000
43	297	XCSE	20170427 15:03:25.756000
26	297.1	TRQX	20170427 15:05:40.000000
11	297.1	BATE	20170427 15:05:40.680000
12	297.1	XCSE	20170427 15:05:45.723000
5	297.1	TRQX	20170427 15:05:52.000000
3	297.1	TRQX	20170427 15:06:20.000000
16	297.1	XCSE	20170427 15:06:20.264000
10	297.1	XCSE	20170427 15:06:20.264000
47	297.1	CHIX	20170427 15:06:20.273000
43	297.2	TRQX	20170427 15:07:33.000000
23	297.2	BATE	20170427 15:07:33.194000
60	297.2	CHIX	20170427 15:07:33.195000
51	297.2	XCSE	20170427 15:07:33.205000
36	297.3	TRQX	20170427 15:08:09.000000
58	297.3	XCSE	20170427 15:08:09.756000
10	297.3	XCSE	20170427 15:08:09.821000
49	297.3	CHIX	20170427 15:08:09.827000
33	297.1	BATE	20170427 15:12:37.695000
95	297	TRQX	20170427 15:13:15.000000
43	297	BATE	20170427 15:13:15.050000
142	297	CHIX	20170427 15:13:15.050000
106	297	XCSE	20170427 15:13:15.053000
40	297	TRQX	20170427 15:15:19.000000
57	297	XCSE	20170427 15:15:19.700000
33	297	CHIX	20170427 15:15:19.705000
44	297	TRQX	20170427 15:16:51.000000
52	297	CHIX	20170427 15:16:51.923000
3	297	XCSE	20170427 15:16:51.936000
49	297	XCSE	20170427 15:16:51.936000
55	296.8	TRQX	20170427 15:18:10.000000
66	296.8	XCSE	20170427 15:18:10.458000
75	296.8	CHIX	20170427 15:18:10.467000
34	296.8	BATE	20170427 15:18:10.480000
50	297.1	XCSE	20170427 15:19:36.290000
38	297.1	XCSE	20170427 15:19:46.853000
19	297.1	BATE	20170427 15:19:46.863000
48	297.1	CHIX	20170427 15:19:46.863000
2	297.1	BATE	20170427 15:19:46.875000
1	297.2	TRQX	20170427 15:23:54.000000
1	297.2	BATE	20170427 15:23:54.856000
18	297.2	TRQX	20170427 15:24:01.000000
24	297.2	TRQX	20170427 15:24:01.000000
17	297.2	BATE	20170427 15:24:01.871000
49	297.2	CHIX	20170427 15:24:01.871000
46	297.2	XCSE	20170427 15:24:01.882000
41	297.3	TRQX	20170427 15:24:28.000000

23	297.3	BATE	20170427 15:24:28.245000
90	297.3	CHIX	20170427 15:24:28.245000
1	297.3	XCSE	20170427 15:24:28.256000
92	297.3	XCSE	20170427 15:24:28.256000
16	297.3	BATE	20170427 15:24:28.266000
47	297.3	XCSE	20170427 15:24:28.269000
38	297.4	TRQX	20170427 15:26:13.000000
54	297.4	CHIX	20170427 15:26:13.026000
19	297.4	BATE	20170427 15:26:13.026000
46	297.4	XCSE	20170427 15:26:13.037000
21	297.7	BATE	20170427 15:27:13.776000
1	297.7	CHIX	20170427 15:27:14.882000
19	297.7	TRQX	20170427 15:27:33.000000
15	297.7	CHIX	20170427 15:27:33.311000
21	297.7	BATE	20170427 15:27:33.311000
67	297.7	XCSE	20170427 15:27:33.320000
14	297.9	BATE	20170427 15:30:27.063000
30	297.9	BATE	20170427 15:30:50.147000
43	297.9	XCSE	20170427 15:30:50.157000
19	297.9	CHIX	20170427 15:30:50.167000
17	297.9	CHIX	20170427 15:30:50.182000
16	297.9	XCSE	20170427 15:30:50.238000
77	298	TRQX	20170427 15:31:26.000000
91	298	XCSE	20170427 15:31:26.016000
18	298	CHIX	20170427 15:31:26.037000
95	298	CHIX	20170427 15:31:31.300000
25	298	XCSE	20170427 15:32:01.139000
39	298	XCSE	20170427 15:32:05.960000
21	298	CHIX	20170427 15:32:14.344000
36	298	CHIX	20170427 15:32:19.068000
1	298	XCSE	20170427 15:32:19.078000
20	298	XCSE	20170427 15:32:19.078000
37	297.9	TRQX	20170427 15:33:39.000000
16	297.9	CHIX	20170427 15:33:39.870000
61	297.9	XCSE	20170427 15:33:39.880000
39	297.9	CHIX	20170427 15:33:39.890000
19	297.9	BATE	20170427 15:33:39.890000
37	297.9	CHIX	20170427 15:37:10.557000
145	297.7	TRQX	20170427 15:42:01.000000
144	297.7	XCSE	20170427 15:42:01.601000
170	297.7	XCSE	20170427 15:42:01.601000
242	297.7	XCSE	20170427 15:42:01.601000
235	297.7	CHIX	20170427 15:42:01.611000
48	297.7	BATE	20170427 15:42:01.611000
56	297.7	XCSE	20170427 15:42:01.633000
39	297.7	XCSE	20170427 15:42:01.842000
51	297.7	XCSE	20170427 15:42:01.843000
21	297.7	BATE	20170427 15:43:04.457000
23	297.7	XCSE	20170427 15:44:15.368000
36	297.7	BATE	20170427 15:44:31.896000

49	297.7	CHIX	20170427 15:44:31.896000
42	297.7	XCSE	20170427 15:44:31.902000
19	297.8	XCSE	20170427 15:45:01.843000
394	297.4	TRQM	20170427 15:45:29.000000
130	297.4	TRQM	20170427 15:45:29.000000
75	297.5	TRQX	20170427 15:45:48.000000
3	297.5	BATE	20170427 15:45:48.641000
122	297.5	CHIX	20170427 15:45:48.641000
30	297.5	BATE	20170427 15:45:48.641000
122	297.5	XCSE	20170427 15:45:48.652000
39	297.3	TRQX	20170427 15:48:04.000000
64	297.3	CHIX	20170427 15:48:04.361000
60	297.3	XCSE	20170427 15:48:04.371000
102	297.5	XCSE	20170427 15:59:24.354000
298	297.5	XCSE	20170427 15:59:24.354000
200	297.5	XCSE	20170427 15:59:24.356000
200	297.5	XCSE	20170427 15:59:24.375000
200	297.5	XCSE	20170427 15:59:24.375000
160	297.5	XCSE	20170427 15:59:24.375000
100	297.5	XCSE	20170427 15:59:24.376000
92	297.5	XCSE	20170427 15:59:25.048000
100	297.5	XCSE	20170427 15:59:25.479000
108	297.5	XCSE	20170427 15:59:26.698000
196	297.5	XCSE	20170427 15:59:26.700000
135	297.5	XCSE	20170427 15:59:27.196000
69	297.5	XCSE	20170427 15:59:27.198000
40	297.5	XCSE	20170427 15:59:27.198000
130	297.6	TRQX	20170427 15:59:29.000000
203	297.6	CHIX	20170427 15:59:29.597000
60	297.6	BATE	20170427 15:59:29.597000
130	297.6	XCSE	20170427 15:59:29.603000
130	297.6	XCSE	20170427 15:59:29.607000
9	297.6	XCSE	20170427 15:59:29.619000
21	297.6	BATE	20170427 15:59:50.632000
40	297.6	BATE	20170427 16:00:58.458000
56	297.6	BATE	20170427 16:01:00.352000
41	297.7	TRQX	20170427 16:02:43.000000
86	297.7	CHIX	20170427 16:02:43.253000
114	297.7	XCSE	20170427 16:02:43.265000
68	297.7	XCSE	20170427 16:02:43.265000
39	297.6	TRQX	20170427 16:20:43.000000
14	297.6	TRQX	20170427 16:36:18.000000
55	297.6	CHIX	20170427 16:36:18.877000
49	297.6	XCSE	20170427 16:36:18.888000
37	297.7	CHIX	20170427 16:45:19.302000
26	297.7	CHIX	20170427 16:45:23.532000
37	297.7	CHIX	20170427 16:45:36.388000
79	297.6	CHIX	20170427 16:54:18.147000
412	297.7	XCSE	20170427 16:59:39.735000
1065	297.7	XCSE	20170427 16:59:39.735000

2221	297.7	XCSE	20170427 16:59:39.735000
1168	297.7	XCSE	20170427 16:59:39.735000
5942	297.7	XCSE	20170427 16:59:39.735000
1126	297.7	XCSE	20170427 16:59:39.735000
1478	297.7	XCSE	20170427 16:59:39.735000
289	297.7	XCSE	20170427 16:59:39.735000
1211	297.7	XCSE	20170427 16:59:39.735000
650	297.7	XCSE	20170427 17:00:43.422468