

XBT High Density Cruise Report

Cruise AX08 December 2012
Ship Maersk Vilnius
Call Sign 9V8503
Rider Jaime Soto
Dates December 28, 2012 to January 13, 2013

1. XBTs Deployed

A total of 519 Sippican Deep Blue probes were deployed.

2. Drifters and Floats Deployed

A total of 6 Argo floats and 10 Drifters were deployed during the cruise in the positions below:

#	Date	Time	Latitude	Longitude
1	01/04/2013	02:08 GMT	05 39' S	20 17' W
2	01/04/2013	16:00 GMT	02 58' S	23 42' W
3	01/09/2013	10:06 GMT	19 14' N	48 37' W
4	01/10/2013	23:00 GMT	27 00' N	57 08' W
5	01/11/2013	17:40 GMT	31 01' N	61 28' W
6	01/12/2013	13:00 GMT	34 51' N	65 46' W

Table 1. Argo deployment table.

#	Date	Time	Latitude	Longitude
1 & 2	01/01/2013	12:45 GMT	14 55' S	08 25' W
3 & 4	01/02/2013	16:09 GMT	11 59' S	12 08' W
5 & 6	01/03/2013	08:34 GMT	08 58' S	16 00' W
7 & 8	01/04/2013	02:00 GMT	05 40' S	20 17' W
9 & 10	01/04/2013	16:00 GMT	02 58' S	23 42' W

Table 2. Drifter deployment table.

3. Real Time Transmissions

All profiles were transmitted real-time via FTP using internet access provided by the Maersk Vilnius.

4. Problems

The primary auto launcher has two pins that are not retracting, so those tubes cannot be used. Pin of tube seven (7) was already broken, and pin of tube six (6) break during the cruise.

5. Recommendations

- It is recommended that the main auto launcher to be sent to AOML for servicing the broken tubes.
- It is recommended that at least two (2) cans of auto launcher lubricant be placed among the equipment for the next AX08.

6. Deployment Log

STN	Date	Time	Lat	Lon	File
1	12/28/2012	20:33	-33.581	18.023	X121228N01.bin
2	12/28/2012	21:18	-33.471	17.806	X121228N02.bin
3	12/28/2012	21:22	-33.461	17.791	X121228N03.bin
4	12/28/2012	22:03	-33.337	17.603	X121228N04.bin
5	12/28/2012	23:33	-33.068	17.192	X121228N05.bin
6	12/29/2012	00:18	-32.932	16.986	X121229N01.bin
7	12/29/2012	01:03	-32.803	16.781	X121229N02.bin
8	12/29/2012	01:48	-32.674	16.589	X121229N03.bin
9	12/29/2012	02:33	-32.541	16.396	X121229N04.bin
10	12/29/2012	03:18	-32.41	16.194	X121229N05.bin
11	12/29/2012	03:41	-32.341	16.089	X121229N06.bin
12	12/29/2012	04:10	-32.256	15.957	X121229N07.bin
13	12/29/2012	04:48	-32.142	15.785	X121229N08.bin
14	12/29/2012	05:33	-32.005	15.586	X121229N09.bin
15	12/29/2012	06:18	-31.869	15.382	X121229N10.bin
16	12/29/2012	07:03	-31.739	15.169	X121229N11.bin
17	12/29/2012	07:48	-31.604	14.966	X121229N12.bin
18	12/29/2012	08:33	-31.471	14.763	X121229N13.bin
19	12/29/2012	09:18	-31.328	14.569	X121229N14.bin
20	12/29/2012	10:03	-31.188	14.373	X121229N15.bin
21	12/29/2012	10:54	-31.036	14.145	X121229N16.bin
22	12/29/2012	11:33	-30.917	13.969	X121229N17.bin
23	12/29/2012	11:37	-30.906	13.952	X121229N18.bin
24	12/29/2012	12:18	-30.779	13.768	X121229N19.bin
25	12/29/2012	13:03	-30.645	13.565	X121229N20.bin
26	12/29/2012	13:48	-30.512	13.36	X121229N21.bin
27	12/29/2012	14:33	-30.377	13.157	X121229N22.bin
28	12/29/2012	15:18	-30.243	12.956	X121229N23.bin
29	12/29/2012	16:03	-30.102	12.755	X121229N24.bin
30	12/29/2012	16:06	-30.091	12.74	X121229N25.bin
31	12/29/2012	16:48	-29.963	12.549	X121229N26.bin
32	12/29/2012	17:33	-29.825	12.343	X121229N27.bin
33	12/29/2012	18:18	-29.689	12.138	X121229N28.bin
34	12/29/2012	19:03	-29.552	11.932	X121229N29.bin
35	12/29/2012	19:48	-29.416	11.722	X121229N30.bin

36	12/29/2012	20:33	-29.269	11.515	X121229N31.bin
37	12/29/2012	21:18	-29.122	11.31	X121229N32.bin
38	12/29/2012	22:03	-28.978	11.105	X121229N33.bin
39	12/29/2012	22:48	-28.833	10.895	X121229N34.bin
40	12/29/2012	23:33	-28.692	10.688	X121229N35.bin
41	12/30/2012	00:18	-28.547	10.478	X121230N01.bin
42	12/30/2012	01:03	-28.403	10.27	X121230N02.bin
43	12/30/2012	01:48	-28.265	10.061	X121230N03.bin
44	12/30/2012	02:33	-28.125	9.852	X121230N04.bin
45	12/30/2012	03:18	-27.98	9.645	X121230N05.bin
46	12/30/2012	04:03	-27.837	9.44	X121230N06.bin
47	12/30/2012	04:48	-27.697	9.236	X121230N07.bin
48	12/30/2012	05:33	-27.557	9.033	X121230N08.bin
49	12/30/2012	06:18	-27.412	8.829	X121230N09.bin
50	12/30/2012	07:03	-27.266	8.622	X121230N10.bin
51	12/30/2012	07:48	-27.122	8.412	X121230N11.bin
52	12/30/2012	08:01	-27.081	8.355	X121230N12.bin
53	12/30/2012	08:33	-26.974	8.208	X121230N13.bin
54	12/30/2012	09:18	-26.832	8.001	X121230N14.bin
55	12/30/2012	10:03	-26.69	7.799	X121230N15.bin
56	12/30/2012	10:48	-26.545	7.599	X121230N16.bin
57	12/30/2012	11:33	-26.406	7.395	X121230N17.bin
58	12/30/2012	12:18	-26.262	7.199	X121230N18.bin
59	12/30/2012	13:03	-26.119	7.002	X121230N19.bin
60	12/30/2012	13:48	-25.98	6.801	X121230N20.bin
61	12/30/2012	14:33	-25.841	6.599	X121230N21.bin
62	12/30/2012	15:18	-25.705	6.398	X121230N22.bin
63	12/30/2012	16:03	-25.568	6.199	X121230N23.bin
64	12/30/2012	16:48	-25.424	6.003	X121230N24.bin
65	12/30/2012	17:33	-25.283	5.806	X121230N25.bin
66	12/30/2012	18:18	-25.143	5.604	X121230N26.bin
67	12/30/2012	19:03	-25.001	5.406	X121230N27.bin
68	12/30/2012	19:48	-24.853	5.214	X121230N28.bin
69	12/30/2012	20:33	-24.712	5.011	X121230N29.bin
70	12/30/2012	21:18	-24.573	4.804	X121230N30.bin
71	12/30/2012	22:03	-24.426	4.607	X121230N31.bin
72	12/30/2012	22:48	-24.286	4.409	X121230N32.bin
73	12/30/2012	23:33	-24.144	4.211	X121230N33.bin
74	12/31/2012	00:18	-24.004	4.011	X121231N01.bin
75	12/31/2012	01:03	-23.869	3.813	X121231N02.bin
76	12/31/2012	01:48	-23.726	3.619	X121231N03.bin
77	12/31/2012	02:33	-23.588	3.416	X121231N04.bin
78	12/31/2012	03:18	-23.447	3.221	X121231N05.bin
79	12/31/2012	04:03	-23.298	3.03	X121231N06.bin
80	12/31/2012	04:48	-23.158	2.829	X121231N07.bin
81	12/31/2012	05:33	-23.014	2.634	X121231N08.bin
82	12/31/2012	06:18	-22.872	2.438	X121231N09.bin
83	12/31/2012	07:03	-22.728	2.242	X121231N10.bin
84	12/31/2012	07:48	-22.586	2.047	X121231N11.bin
85	12/31/2012	08:33	-22.441	1.853	X121231N12.bin

86	12/31/2012	09:18	-22.299	1.657	X121231N13.bin
87	12/31/2012	10:03	-22.164	1.455	X121231N14.bin
88	12/31/2012	10:48	-22.017	1.262	X121231N15.bin
89	12/31/2012	11:33	-21.877	1.069	X121231N16.bin
90	12/31/2012	12:18	-21.734	0.875	X121231N17.bin
91	12/31/2012	13:03	-21.594	0.684	X121231N18.bin
92	12/31/2012	13:48	-21.452	0.494	X121231N19.bin
93	12/31/2012	14:33	-21.311	0.302	X121231N20.bin
94	12/31/2012	15:18	-21.174	0.105	X121231N21.bin
95	12/31/2012	16:03	-21.035	-0.086	X121231N22.bin
96	12/31/2012	16:48	-20.895	-0.279	X121231N23.bin
97	12/31/2012	17:33	-20.751	-0.471	X121231N24.bin
98	12/31/2012	18:18	-20.608	-0.663	X121231N25.bin
99	12/31/2012	19:03	-20.47	-0.861	X121231N26.bin
100	12/31/2012	19:48	-20.326	-1.052	X121231N27.bin
101	12/31/2012	20:33	-20.181	-1.241	X121231N28.bin
102	12/31/2012	21:18	-20.045	-1.439	X121231N29.bin
103	12/31/2012	22:03	-19.899	-1.628	X121231N30.bin
104	12/31/2012	23:33	-19.617	-2.015	X121231N31.bin
105	01/01/2013	00:18	-19.472	-2.206	X130101N01.bin
106	01/01/2013	01:03	-19.337	-2.403	X130101N02.bin
107	01/01/2013	01:48	-19.197	-2.597	X130101N03.bin
108	01/01/2013	02:33	-19.055	-2.79	X130101N04.bin
109	01/01/2013	03:18	-18.909	-2.98	X130101N05.bin
110	01/01/2013	04:03	-18.765	-3.169	X130101N06.bin
111	01/01/2013	04:48	-18.619	-3.359	X130101N07.bin
112	01/01/2013	05:33	-18.475	-3.549	X130101N08.bin
113	01/01/2013	06:18	-18.33	-3.739	X130101N09.bin
114	01/01/2013	07:03	-18.191	-3.932	X130101N10.bin
115	01/01/2013	07:48	-18.049	-4.122	X130101N11.bin
116	01/01/2013	08:33	-17.908	-4.311	X130101N12.bin
117	01/01/2013	09:18	-17.77	-4.5	X130101N13.bin
118	01/01/2013	10:03	-17.627	-4.684	X130101N14.bin
119	01/01/2013	10:48	-17.487	-4.875	X130101N15.bin
120	01/01/2013	11:33	-17.349	-5.065	X130101N16.bin
121	01/01/2013	12:18	-17.205	-5.248	X130101N17.bin
122	01/01/2013	13:03	-17.065	-5.437	X130101N18.bin
123	01/01/2013	13:07	-17.053	-5.453	X130101N19.bin
124	01/01/2013	13:48	-16.922	-5.627	X130101N20.bin
125	01/01/2013	14:33	-16.781	-5.819	X130101N21.bin
126	01/01/2013	15:18	-16.64	-6.009	X130101N22.bin
127	01/01/2013	16:03	-16.493	-6.192	X130101N23.bin
128	01/01/2013	16:48	-16.356	-6.381	X130101N24.bin
129	01/01/2013	17:33	-16.213	-6.569	X130101N25.bin
130	01/01/2013	17:59	-16.131	-6.678	X130101N26.bin
131	01/01/2013	18:18	-16.071	-6.758	X130101N27.bin
132	01/01/2013	19:03	-15.928	-6.949	X130101N28.bin
133	01/01/2013	19:48	-15.787	-7.135	X130101N29.bin
134	01/01/2013	20:33	-15.649	-7.324	X130101N30.bin
135	01/01/2013	21:18	-15.507	-7.508	X130101N31.bin

136	01/01/2013	22:03	-15.365	-7.693	X130101N32.bin
137	01/01/2013	22:48	-15.226	-7.881	X130101N33.bin
138	01/01/2013	23:33	-15.086	-8.062	X130101N34.bin
139	01/02/2013	00:18	-14.949	-8.25	X130102N01.bin
140	01/02/2013	01:03	-14.814	-8.438	X130102N02.bin
141	01/02/2013	01:48	-14.678	-8.625	X130102N03.bin
142	01/02/2013	02:33	-14.538	-8.809	X130102N04.bin
143	01/02/2013	03:18	-14.395	-8.99	X130102N05.bin
144	01/02/2013	04:03	-14.251	-9.171	X130102N06.bin
145	01/02/2013	04:48	-14.107	-9.353	X130102N07.bin
146	01/02/2013	05:33	-13.963	-9.54	X130102N08.bin
147	01/02/2013	06:18	-13.825	-9.73	X130102N09.bin
148	01/02/2013	07:03	-13.68	-9.913	X130102N10.bin
149	01/02/2013	07:48	-13.538	-10.094	X130102N11.bin
150	01/02/2013	08:33	-13.401	-10.277	X130102N12.bin
151	01/02/2013	09:25	-13.241	-10.49	X130102N13.bin
152	01/02/2013	10:03	-13.122	-10.647	X130102N14.bin
153	01/02/2013	10:48	-12.98	-10.83	X130102N15.bin
154	01/02/2013	11:33	-12.835	-11.008	X130102N16.bin
155	01/02/2013	12:18	-12.697	-11.192	X130102N17.bin
156	01/02/2013	13:03	-12.563	-11.381	X130102N18.bin
157	01/02/2013	13:48	-12.429	-11.569	X130102N19.bin
158	01/02/2013	14:33	-12.294	-11.757	X130102N20.bin
159	01/02/2013	15:18	-12.154	-11.943	X130102N21.bin
160	01/02/2013	16:03	-12.009	-12.125	X130102N22.bin
161	01/02/2013	16:48	-11.897	-12.261	X130102N23.bin
162	01/02/2013	17:45	-11.781	-12.39	X130102N24.bin
163	01/02/2013	18:30	-11.644	-12.571	X130102N25.bin
164	01/02/2013	19:15	-11.502	-12.759	X130102N26.bin
165	01/02/2013	20:00	-11.355	-12.947	X130102N27.bin
166	01/02/2013	20:45	-11.206	-13.126	X130102N28.bin
167	01/02/2013	21:30	-11.07	-13.316	X130102N29.bin
168	01/02/2013	22:15	-10.932	-13.502	X130102N30.bin
169	01/02/2013	23:00	-10.789	-13.682	X130102N31.bin
170	01/02/2013	23:45	-10.647	-13.865	X130102N32.bin
171	01/03/2013	00:30	-10.506	-14.045	X130103N01.bin
172	01/03/2013	01:46	-10.266	-14.351	X130103N02.bin
173	01/03/2013	02:00	-10.221	-14.408	X130103N03.bin
174	01/03/2013	02:45	-10.081	-14.592	X130103N04.bin
175	01/03/2013	03:30	-9.944	-14.775	X130103N05.bin
176	01/03/2013	04:15	-9.804	-14.962	X130103N06.bin
177	01/03/2013	05:00	-9.658	-15.147	X130103N07.bin
178	01/03/2013	05:45	-9.513	-15.33	X130103N08.bin
179	01/03/2013	06:30	-9.371	-15.513	X130103N09.bin
180	01/03/2013	07:15	-9.23	-15.696	X130103N10.bin
181	01/03/2013	08:00	-9.086	-15.877	X130103N11.bin
182	01/03/2013	08:45	-8.949	-16.058	X130103N12.bin
183	01/03/2013	09:30	-8.808	-16.241	X130103N13.bin
184	01/03/2013	10:15	-8.664	-16.419	X130103N14.bin
185	01/03/2013	11:00	-8.525	-16.602	X130103N15.bin

186	01/03/2013	11:45	-8.386	-16.784	X130103N16.bin
187	01/03/2013	12:30	-8.243	-16.965	X130103N17.bin
188	01/03/2013	13:15	-8.1	-17.147	X130103N18.bin
189	01/03/2013	14:00	-7.958	-17.332	X130103N19.bin
190	01/03/2013	14:45	-7.816	-17.517	X130103N20.bin
191	01/03/2013	15:30	-7.673	-17.701	X130103N21.bin
192	01/03/2013	16:15	-7.532	-17.887	X130103N22.bin
193	01/03/2013	17:00	-7.391	-18.075	X130103N23.bin
194	01/03/2013	17:45	-7.252	-18.261	X130103N24.bin
195	01/03/2013	17:55	-7.221	-18.303	X130103N25.bin
196	01/03/2013	18:30	-7.105	-18.44	X130103N26.bin
197	01/03/2013	19:15	-6.956	-18.618	X130103N27.bin
198	01/03/2013	20:00	-6.816	-18.803	X130103N28.bin
199	01/03/2013	20:45	-6.672	-18.986	X130103N29.bin
200	01/03/2013	21:30	-6.525	-19.168	X130103N30.bin
201	01/03/2013	22:15	-6.385	-19.354	X130103N31.bin
202	01/03/2013	23:00	-6.243	-19.535	X130103N32.bin
203	01/03/2013	23:45	-6.1	-19.718	X130103N33.bin
204	01/04/2013	00:30	-5.956	-19.9	X130104N01.bin
205	01/04/2013	01:15	-5.816	-20.083	X130104N02.bin
206	01/04/2013	02:04	-5.665	-20.282	X130104N03.bin
207	01/04/2013	02:45	-5.536	-20.448	X130104N04.bin
208	01/04/2013	03:30	-5.395	-20.631	X130104N05.bin
209	01/04/2013	04:15	-5.254	-20.816	X130104N06.bin
210	01/04/2013	05:00	-5.114	-21.002	X130104N07.bin
211	01/04/2013	05:45	-4.973	-21.19	X130104N08.bin
212	01/04/2013	06:30	-4.822	-21.366	X130104N09.bin
213	01/04/2013	07:15	-4.67	-21.542	X130104N10.bin
214	01/04/2013	08:00	-4.529	-21.73	X130104N11.bin
215	01/04/2013	08:45	-4.383	-21.91	X130104N12.bin
216	01/04/2013	09:30	-4.241	-22.097	X130104N13.bin
217	01/04/2013	10:21	-4.078	-22.308	X130104N14.bin
218	01/04/2013	11:00	-3.949	-22.468	X130104N15.bin
219	01/04/2013	11:04	-3.937	-22.483	X130104N16.bin
220	01/04/2013	11:45	-3.805	-22.653	X130104N17.bin
221	01/04/2013	12:30	-3.659	-22.838	X130104N18.bin
222	01/04/2013	12:34	-3.646	-22.854	X130104N19.bin
223	01/04/2013	13:15	-3.515	-23.026	X130104N20.bin
224	01/04/2013	14:00	-3.372	-23.215	X130104N21.bin
225	01/04/2013	14:45	-3.224	-23.402	X130104N22.bin
226	01/04/2013	15:30	-3.072	-23.585	X130104N23.bin
227	01/04/2013	15:34	-3.058	-23.603	X130104N24.bin
228	01/04/2013	16:15	-2.925	-23.769	X130104N25.bin
229	01/04/2013	17:00	-2.781	-23.953	X130104N26.bin
230	01/04/2013	17:45	-2.636	-24.14	X130104N27.bin
231	01/04/2013	18:30	-2.493	-24.323	X130104N28.bin
232	01/04/2013	19:15	-2.35	-24.501	X130104N29.bin
233	01/04/2013	19:20	-2.334	-24.52	X130104N30.bin
234	01/04/2013	20:00	-2.209	-24.682	X130104N31.bin
235	01/04/2013	20:45	-2.071	-24.864	X130104N32.bin

236	01/04/2013	21:30	-1.927	-25.044	X130104N33.bin
237	01/04/2013	22:15	-1.787	-25.226	X130104N34.bin
238	01/04/2013	23:00	-1.642	-25.408	X130104N35.bin
239	01/04/2013	23:45	-1.5	-25.591	X130104N36.bin
240	01/05/2013	00:30	-1.357	-25.773	X130105N01.bin
241	01/05/2013	01:15	-1.212	-25.956	X130105N02.bin
242	01/05/2013	02:00	-1.07	-26.139	X130105N03.bin
243	01/05/2013	02:45	-0.928	-26.324	X130105N04.bin
244	01/05/2013	03:30	-0.782	-26.508	X130105N05.bin
245	01/05/2013	04:15	-0.636	-26.69	X130105N06.bin
246	01/05/2013	05:00	-0.493	-26.874	X130105N07.bin
247	01/05/2013	05:45	-0.351	-27.061	X130105N08.bin
248	01/05/2013	06:30	-0.203	-27.247	X130105N09.bin
249	01/05/2013	07:15	-0.055	-27.431	X130105N10.bin
250	01/05/2013	08:00	0.103	-27.61	X130105N11.bin
251	01/05/2013	08:45	0.265	-27.784	X130105N12.bin
252	01/05/2013	09:30	0.424	-27.959	X130105N13.bin
253	01/05/2013	10:15	0.59	-28.13	X130105N14.bin
254	01/05/2013	11:00	0.748	-28.312	X130105N15.bin
255	01/05/2013	11:45	0.915	-28.488	X130105N16.bin
256	01/05/2013	12:30	1.081	-28.667	X130105N17.bin
257	01/05/2013	13:15	1.252	-28.844	X130105N18.bin
258	01/05/2013	14:00	1.418	-29.022	X130105N19.bin
259	01/05/2013	14:45	1.586	-29.2	X130105N20.bin
260	01/05/2013	15:30	1.754	-29.373	X130105N21.bin
261	01/05/2013	16:15	1.917	-29.55	X130105N22.bin
262	01/05/2013	17:00	2.072	-29.734	X130105N23.bin
263	01/05/2013	17:45	2.241	-29.908	X130105N24.bin
264	01/05/2013	18:30	2.406	-30.087	X130105N25.bin
265	01/05/2013	19:15	2.567	-30.265	X130105N26.bin
266	01/05/2013	19:31	2.621	-30.326	X130105N27.bin
267	01/05/2013	20:00	2.726	-30.438	X130105N28.bin
268	01/05/2013	20:49	2.905	-30.623	X130105N29.bin
269	01/05/2013	21:32	3.058	-30.79	X130105N30.bin
270	01/05/2013	22:15	3.212	-30.96	X130105N31.bin
271	01/05/2013	23:00	3.369	-31.134	X130105N32.bin
272	01/05/2013	23:45	3.53	-31.301	X130105N33.bin
273	01/06/2013	00:30	3.687	-31.472	X130106N01.bin
274	01/06/2013	01:15	3.845	-31.64	X130106N02.bin
275	01/06/2013	02:00	4	-31.812	X130106N03.bin
276	01/06/2013	02:45	4.158	-31.983	X130106N04.bin
277	01/06/2013	03:30	4.312	-32.157	X130106N05.bin
278	01/06/2013	04:15	4.47	-32.329	X130106N06.bin
279	01/06/2013	05:00	4.624	-32.496	X130106N07.bin
280	01/06/2013	05:45	4.776	-32.664	X130106N08.bin
281	01/06/2013	06:30	4.932	-32.82	X130106N09.bin
282	01/06/2013	07:15	5.085	-32.98	X130106N10.bin
283	01/06/2013	08:00	5.236	-33.14	X130106N11.bin
284	01/06/2013	08:45	5.382	-33.3	X130106N12.bin
285	01/06/2013	09:30	5.528	-33.461	X130106N13.bin

286	01/06/2013	09:38	5.555	-33.491	X130106N14.bin
287	01/06/2013	10:18	5.67	-33.611	X130106N15.bin
288	01/06/2013	16:41	5.615	-33.722	X130106N16.bin
289	01/06/2013	17:26	5.765	-33.871	X130106N17.bin
290	01/06/2013	17:31	5.781	-33.886	X130106N18.bin
291	01/06/2013	18:11	5.923	-34.022	X130106N19.bin
292	01/06/2013	18:56	6.086	-34.173	X130106N20.bin
293	01/06/2013	19:41	6.251	-34.325	X130106N21.bin
294	01/06/2013	20:26	6.417	-34.474	X130106N22.bin
295	01/06/2013	21:11	6.583	-34.62	X130106N23.bin
296	01/06/2013	21:56	6.744	-34.774	X130106N24.bin
297	01/06/2013	22:41	6.897	-34.938	X130106N25.bin
298	01/06/2013	23:26	7.048	-35.102	X130106N26.bin
299	01/07/2013	00:11	7.199	-35.267	X130107N01.bin
300	01/07/2013	00:56	7.35	-35.435	X130107N02.bin
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304	01/07/2013	03:56	7.973	-36.107	X130107N06.bin
305	01/07/2013	04:41	8.131	-36.278	X130107N07.bin
306	01/07/2013	05:26	8.286	-36.452	X130107N08.bin
307	01/07/2013	06:11	8.439	-36.625	X130107N09.bin
308	01/07/2013	06:56	8.594	-36.798	X130107N10.bin
309	01/07/2013	07:41	8.754	-36.963	X130107N11.bin
310	01/07/2013	08:26	8.911	-37.131	X130107N12.bin
311	01/07/2013	09:11	9.066	-37.3	X130107N13.bin
312	01/07/2013	09:56	9.221	-37.471	X130107N14.bin
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314	01/07/2013	11:26	9.535	-37.812	X130107N16.bin
315	01/07/2013	12:11	9.687	-37.985	X130107N17.bin
316	01/07/2013	13:22	9.931	-38.25	X130107N18.bin
317	01/07/2013	13:41	9.998	-38.322	X130107N19.bin
318	01/07/2013	14:26	10.155	-38.489	X130107N20.bin
319	01/07/2013	15:11	10.31	-38.659	X130107N21.bin
320	01/07/2013	15:56	10.464	-38.827	X130107N22.bin
321	01/07/2013	16:41	10.618	-38.994	X130107N23.bin
322	01/07/2013	17:26	10.773	-39.165	X130107N24.bin
323	01/07/2013	18:11	10.929	-39.337	X130107N25.bin
324	01/07/2013	18:56	11.085	-39.508	X130107N26.bin
325	01/07/2013	19:41	11.24	-39.679	X130107N27.bin
326	01/07/2013	19:46	11.258	-39.699	X130107N28.bin
327	01/07/2013	20:26	11.396	-39.849	X130107N29.bin
328	01/07/2013	21:11	11.554	-40.019	X130107N30.bin
329	01/07/2013	21:56	11.71	-40.194	X130107N31.bin
330	01/07/2013	22:41	11.866	-40.367	X130107N32.bin
331	01/07/2013	23:26	12.023	-40.54	X130107N33.bin
332	01/08/2013	00:11	12.179	-40.714	X130108N01.bin
333	01/08/2013	00:56	12.338	-40.883	X130108N02.bin
334	01/08/2013	01:41	12.496	-41.058	X130108N03.bin
335	01/08/2013	02:26	12.654	-41.233	X130108N04.bin

336	01/08/2013	03:11	12.814	-41.41	X130108N05.bin
337	01/08/2013	03:56	12.973	-41.587	X130108N06.bin
338	01/08/2013	04:59	13.192	-41.828	X130108N07.bin
339	01/08/2013	05:26	13.287	-41.933	X130108N08.bin
340	01/08/2013	06:11	13.444	-42.108	X130108N09.bin
341	01/08/2013	06:56	13.604	-42.284	X130108N10.bin
342	01/08/2013	07:41	13.766	-42.459	X130108N11.bin
343	01/08/2013	08:27	13.926	-42.645	X130108N12.bin
344	01/08/2013	09:11	14.083	-42.814	X130108N13.bin
345	01/08/2013	09:56	14.242	-42.989	X130108N14.bin
346	01/08/2013	10:41	14.399	-43.162	X130108N15.bin
347	01/08/2013	11:26	14.554	-43.339	X130108N16.bin
348	01/08/2013	12:11	14.707	-43.51	X130108N17.bin
349	01/08/2013	12:56	14.866	-43.683	X130108N18.bin
350	01/08/2013	13:41	15.018	-43.854	X130108N19.bin
351	01/08/2013	14:26	15.172	-44.027	X130108N20.bin
352	01/08/2013	15:21	15.357	-44.234	X130108N21.bin
353	01/08/2013	15:56	15.477	-44.366	X130108N22.bin
354	01/08/2013	16:44	15.641	-44.55	X130108N23.bin
355	01/08/2013	17:26	15.786	-44.715	X130108N24.bin
356	01/08/2013	18:11	15.944	-44.891	X130108N25.bin
357	01/08/2013	18:56	16.1	-45.065	X130108N26.bin
358	01/08/2013	19:41	16.259	-45.242	X130108N27.bin
359	01/08/2013	20:26	16.417	-45.419	X130108N28.bin
360	01/08/2013	21:11	16.574	-45.596	X130108N29.bin
361	01/08/2013	21:56	16.733	-45.773	X130108N30.bin
362	01/08/2013	22:00	16.746	-45.788	X130108N31.bin
363	01/08/2013	22:41	16.886	-45.947	X130108N32.bin
364	01/08/2013	23:26	17.039	-46.121	X130108N33.bin
365	01/09/2013	00:11	17.191	-46.294	X130109N01.bin
366	01/09/2013	00:56	17.344	-46.463	X130109N02.bin
367	01/09/2013	01:41	17.497	-46.637	X130109N03.bin
368	01/09/2013	02:26	17.647	-46.815	X130109N04.bin
369	01/09/2013	03:11	17.802	-46.992	X130109N05.bin
370	01/09/2013	03:56	17.965	-47.164	X130109N06.bin
371	01/09/2013	04:41	18.121	-47.34	X130109N07.bin
372	01/09/2013	05:26	18.276	-47.518	X130109N08.bin
373	01/09/2013	06:11	18.43	-47.692	X130109N09.bin
374	01/09/2013	06:56	18.585	-47.869	X130109N10.bin
375	01/09/2013	07:41	18.741	-48.045	X130109N11.bin
376	01/09/2013	08:26	18.896	-48.221	X130109N12.bin
377	01/09/2013	09:11	19.054	-48.396	X130109N13.bin
378	01/09/2013	09:56	19.208	-48.579	X130109N14.bin
379	01/09/2013	10:41	19.365	-48.757	X130109N15.bin
380	01/09/2013	11:26	19.521	-48.932	X130109N16.bin
381	01/09/2013	12:11	19.674	-49.114	X130109N17.bin
382	01/09/2013	12:56	19.828	-49.294	X130109N18.bin
383	01/09/2013	13:41	19.983	-49.468	X130109N19.bin
384	01/09/2013	14:26	20.135	-49.64	X130109N20.bin
385	01/09/2013	15:11	20.292	-49.815	X130109N21.bin

386	01/09/2013	15:56	20.447	-49.995	X130109N22.bin
387	01/09/2013	16:41	20.604	-50.176	X130109N23.bin
388	01/09/2013	17:29	20.767	-50.367	X130109N24.bin
389	01/09/2013	18:11	20.913	-50.534	X130109N25.bin
390	01/09/2013	18:17	20.933	-50.555	X130109N26.bin
391	01/09/2013	18:56	21.068	-50.712	X130109N27.bin
392	01/09/2013	19:41	21.221	-50.889	X130109N28.bin
393	01/09/2013	20:26	21.378	-51.064	X130109N29.bin
394	01/09/2013	21:11	21.53	-51.246	X130109N30.bin
395	01/09/2013	21:56	21.688	-51.423	X130109N31.bin
396	01/09/2013	22:41	21.845	-51.611	X130109N32.bin
397	01/09/2013	23:26	22.003	-51.794	X130109N33.bin
398	01/10/2013	00:11	22.164	-51.977	X130110N01.bin
399	01/10/2013	00:56	22.316	-52.164	X130110N02.bin
400	01/10/2013	01:41	22.478	-52.344	X130110N03.bin
401	01/10/2013	02:26	22.63	-52.534	X130110N04.bin
402	01/10/2013	03:11	22.783	-52.706	X130110N05.bin
403	01/10/2013	03:56	22.94	-52.882	X130110N06.bin
404	01/10/2013	04:41	23.09	-53.064	X130110N07.bin
405	01/10/2013	05:26	23.242	-53.242	X130110N08.bin
406	01/10/2013	06:11	23.404	-53.41	X130110N09.bin
407	01/10/2013	06:56	23.571	-53.58	X130110N10.bin
408	01/10/2013	07:41	23.74	-53.749	X130110N11.bin
409	01/10/2013	08:26	23.901	-53.922	X130110N12.bin
410	01/10/2013	09:11	24.06	-54.093	X130110N13.bin
411	01/10/2013	09:40	24.167	-54.192	X130110N14.bin
412	01/10/2013	09:56	24.227	-54.25	X130110N15.bin
413	01/10/2013	10:41	24.385	-54.42	X130110N16.bin
414	01/10/2013	11:26	24.546	-54.589	X130110N17.bin
415	01/10/2013	12:11	24.711	-54.748	X130110N18.bin
416	01/10/2013	12:56	24.871	-54.922	X130110N19.bin
417	01/10/2013	13:41	25.038	-55.09	X130110N20.bin
418	01/10/2013	14:26	25.202	-55.26	X130110N21.bin
419	01/10/2013	15:11	25.363	-55.434	X130110N22.bin
420	01/10/2013	16:03	25.555	-55.636	X130110N23.bin
421	01/10/2013	16:41	25.699	-55.779	X130110N24.bin
422	01/10/2013	17:26	25.863	-55.952	X130110N25.bin
423	01/10/2013	18:11	26.028	-56.125	X130110N26.bin
424	01/10/2013	18:56	26.192	-56.302	X130110N27.bin
425	01/10/2013	19:41	26.36	-56.47	X130110N28.bin
426	01/10/2013	20:26	26.522	-56.646	X130110N29.bin
427	01/10/2013	21:11	26.688	-56.818	X130110N30.bin
428	01/10/2013	21:56	26.859	-56.991	X130110N31.bin
429	01/10/2013	22:41	27.028	-57.169	X130110N32.bin
430	01/10/2013	23:26	27.191	-57.35	X130110N33.bin
431	01/10/2013	23:39	27.239	-57.404	X130110N34.bin
432	01/11/2013	00:11	27.359	-57.525	X130111N01.bin
433	01/11/2013	00:56	27.526	-57.697	X130111N02.bin
434	01/11/2013	01:41	27.683	-57.877	X130111N03.bin
435	01/11/2013	02:26	27.851	-58.049	X130111N04.bin

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437	01/11/2013	03:56	28.183	-58.4	X130111N06.bin
438	01/11/2013	04:41	28.346	-58.576	X130111N07.bin
439	01/11/2013	05:26	28.512	-58.752	X130111N08.bin
440	01/11/2013	06:11	28.678	-58.931	X130111N09.bin
441	01/11/2013	06:56	28.845	-59.109	X130111N10.bin
442	01/11/2013	07:41	29.009	-59.286	X130111N11.bin
443	01/11/2013	08:26	29.171	-59.458	X130111N12.bin
444	01/11/2013	09:11	29.329	-59.627	X130111N13.bin
445	01/11/2013	09:56	29.484	-59.802	X130111N14.bin
446	01/11/2013	10:41	29.644	-59.97	X130111N15.bin
447	01/11/2013	11:26	29.798	-60.143	X130111N16.bin
448	01/11/2013	12:11	29.957	-60.314	X130111N17.bin
449	01/11/2013	12:56	30.116	-60.48	X130111N18.bin
450	01/11/2013	13:41	30.27	-60.647	X130111N19.bin
451	01/11/2013	14:30	30.428	-60.823	X130111N20.bin
452	01/11/2013	15:20	30.583	-60.99	X130111N21.bin
453	01/11/2013	15:24	30.594	-61.003	X130111N22.bin
454	01/11/2013	15:25	30.599	-61.009	X130111N23.bin
455	01/11/2013	16:10	30.738	-61.159	X130111N24.bin
456	01/11/2013	16:32	30.804	-61.235	X130111N25.bin
457	01/11/2013	17:00	30.887	-61.332	X130111N26.bin
458	01/11/2013	17:55	31.059	-61.515	X130111N27.bin
459	01/11/2013	18:50	31.228	-61.699	X130111N28.bin
460	01/11/2013	19:45	31.396	-61.885	X130111N29.bin
461	01/11/2013	20:40	31.565	-62.071	X130111N30.bin
462	01/11/2013	20:47	31.586	-62.093	X130111N31.bin
463	01/11/2013	21:35	31.735	-62.257	X130111N32.bin
464	01/11/2013	22:38	31.929	-62.479	X130111N33.bin
465	01/11/2013	23:38	32.124	-62.692	X130111N34.bin
466	01/12/2013	00:38	32.316	-62.908	X130112N01.bin
467	01/12/2013	01:38	32.516	-63.121	X130112N02.bin
468	01/12/2013	02:38	32.709	-63.343	X130112N03.bin
469	01/12/2013	03:38	32.907	-63.564	X130112N04.bin
470	01/12/2013	04:38	33.107	-63.783	X130112N05.bin
471	01/12/2013	05:38	33.306	-64.014	X130112N06.bin
472	01/12/2013	06:38	33.513	-64.247	X130112N07.bin
473	01/12/2013	07:38	33.723	-64.485	X130112N08.bin
474	01/12/2013	08:38	33.927	-64.716	X130112N09.bin
475	01/12/2013	09:38	34.133	-64.951	X130112N10.bin
476	01/12/2013	10:38	34.346	-65.194	X130112N11.bin
477	01/12/2013	11:38	34.563	-65.432	X130112N12.bin
478	01/12/2013	12:23	34.722	-65.618	X130112N13.bin
479	01/12/2013	13:08	34.885	-65.808	X130112N14.bin
480	01/12/2013	13:42	35.011	-65.949	X130112N15.bin
481	01/12/2013	13:55	35.06	-66.005	X130112N16.bin
482	01/12/2013	14:38	35.222	-66.191	X130112N17.bin
483	01/12/2013	15:23	35.393	-66.389	X130112N18.bin
484	01/12/2013	16:08	35.562	-66.585	X130112N19.bin
485	01/12/2013	16:53	35.728	-66.779	X130112N20.bin

486	01/12/2013	17:38	35.894	-66.97	X130112N21.bin
487	01/12/2013	18:23	36.059	-67.163	X130112N22.bin
488	01/12/2013	19:08	36.224	-67.355	X130112N23.bin
489	01/12/2013	19:53	36.394	-67.553	X130112N24.bin
490	01/12/2013	19:57	36.409	-67.571	X130112N25.bin
491	01/12/2013	20:38	36.562	-67.752	X130112N26.bin
492	01/12/2013	21:23	36.727	-67.939	X130112N27.bin
493	01/12/2013	21:27	36.741	-67.953	X130112N28.bin
494	01/12/2013	21:43	36.796	-68.018	X130112N29.bin
495	01/12/2013	22:08	36.881	-68.117	X130112N30.bin
496	01/12/2013	22:35	36.969	-68.224	X130112N31.bin
497	01/12/2013	22:53	37.022	-68.294	X130112N32.bin
498	01/12/2013	23:17	37.096	-68.382	X130112N33.bin
499	01/12/2013	23:38	37.158	-68.454	X130112N34.bin
500	01/13/2013	00:23	37.294	-68.614	X130113N01.bin
501	01/13/2013	01:08	37.429	-68.774	X130113N02.bin
502	01/13/2013	01:53	37.538	-68.897	X130113N03.bin
503	01/13/2013	05:40	37.696	-69.046	X130113N04.bin
504	01/13/2013	06:25	37.822	-69.195	X130113N05.bin
505	01/13/2013	07:10	37.944	-69.372	X130113N06.bin
506	01/13/2013	07:55	38.091	-69.595	X130113N07.bin
507	01/13/2013	08:40	38.242	-69.821	X130113N08.bin
508	01/13/2013	09:25	38.388	-70.047	X130113N09.bin
509	01/13/2013	09:31	38.406	-70.075	X130113N10.bin
510	01/13/2013	10:10	38.534	-70.273	X130113N11.bin
511	01/13/2013	10:55	38.691	-70.506	X130113N12.bin
512	01/13/2013	11:40	38.858	-70.755	X130113N13.bin
513	01/13/2013	12:25	39.026	-71.011	X130113N14.bin
514	01/13/2013	13:10	39.181	-71.259	X130113N15.bin
515	01/13/2013	13:20	39.214	-71.312	X130113N16.bin
516	01/13/2013	13:56	39.332	-71.506	X130113N17.bin
517	01/13/2013	14:40	39.485	-71.728	X130113N18.bin
518	01/13/2013	15:25	39.642	-71.962	X130113N19.bin
519	01/13/2013	15:34	39.668	-72.013	X130113N20.bin

Table 3. XBT deployment table.