

Edited navigation data and transit times for Run-2 at Blackback A1 ST-1

TRACE NUMBER	SOURCE POSITION_X (m)	SOURCE POSITION_Y (m)	MEASURED DEPTH (m)	TRANSIT_TIME SENSOR (s)	TRANSIT_TIME GEOPHONE (s)	TRANSIT TIME (s)
0	635232.0	5734740.0	3144.5	0.0582	0.9528	0.8947
1	635214.0	5734729.0	3144.5	0.0570	0.9516	0.8946
2	635215.0	5734733.0	3144.5	0.0577	0.9516	0.8940
3	635228.0	5734737.0	3144.5	0.0572	0.9518	0.8945
4	635230.0	5734740.0	3144.5	0.0577	0.9527	0.8950
5	635232.0	5734742.0	3144.5	0.0572	0.9513	0.8941
6	635232.0	5734742.0	3144.5	0.0568	0.9528	0.8960
7	635232.0	5734740.0	3150.0	0.0582	0.9538	0.8956
8	635214.0	5734729.0	3150.0	0.0570	0.9523	0.8954
9	635215.0	5734733.0	3150.0	0.0577	0.9526	0.8950
10	635228.0	5734737.0	3150.0	0.0572	0.9525	0.8953
11	635230.0	5734740.0	3150.0	0.0577	0.9535	0.8958
12	635232.0	5734742.0	3150.0	0.0572	0.9521	0.8949
13	635232.0	5734742.0	3150.0	0.0568	0.9538	0.8969
14	635222.0	5734815.0	3234.5	0.0571	0.9647	0.9076
15	635220.0	5734813.0	3234.5	0.0580	0.9642	0.9062
16	635224.0	5734814.0	3234.5	0.0571	0.9638	0.9067
17	635222.0	5734809.0	3234.5	0.0578	0.9660	0.9082
18	635221.0	5734807.5	3234.5	0.0568	0.9647	0.9080
19	635217.0	5734806.0	3234.5	0.0569	0.9645	0.9076
20	635220.0	5734807.5	3234.5	0.0571	0.9647	0.9076
21	635222.0	5734815.0	3240.0	0.0571	0.9658	0.9087
22	635220.0	5734813.0	3240.0	0.0580	0.9658	0.9078
23	635224.0	5734814.0	3240.0	0.0571	0.9649	0.9078
24	635222.0	5734809.0	3240.0	0.0578	0.9667	0.9089
25	635221.0	5734807.5	3240.0	0.0568	0.9656	0.9089
26	635217.0	5734806.0	3240.0	0.0569	0.9652	0.9083
27	635220.0	5734807.5	3240.0	0.0571	0.9657	0.9086
28	635202.0	5734885.0	3324.5	0.0577	0.9802	0.9225
29	635199.0	5734895.0	3324.5	0.0574	0.9784	0.9210
30	635197.0	5734901.0	3324.5	0.0570	0.9780	0.9210
31	635193.0	5734906.0	3324.5	0.0575	0.9773	0.9199
32	635197.0	5734910.0	3324.5	0.0570	0.9769	0.9199
33	635209.0	5734906.0	3324.5	0.0572	0.9790	0.9217
34	635202.0	5734885.0	3330.0	0.0577	0.9797	0.9220
35	635199.0	5734895.0	3330.0	0.0574	0.9788	0.9214
36	635197.0	5734901.0	3330.0	0.0570	0.9796	0.9226
37	635193.0	5734906.0	3330.0	0.0575	0.9772	0.9198
38	635197.0	5734910.0	3330.0	0.0570	0.9796	0.9226
39	635209.0	5734906.0	3330.0	0.0572	0.9795	0.9222
40	635206.0	5734921.0	3354.5	0.0572	0.9832	0.9260
41	635203.0	5734916.0	3354.5	0.0565	0.9813	0.9247
42	635200.0	5734913.0	3354.5	0.0574	0.9828	0.9254
43	635194.0	5734923.0	3354.5	0.0575	0.9851	0.9276
44	635203.0	5734929.0	3354.5	0.0566	0.9817	0.9251
45	635210.0	5734930.5	3354.5	0.0567	0.9828	0.9261
46	635206.0	5734921.0	3360.0	0.0572	0.9840	0.9268
47	635203.0	5734916.0	3360.0	0.0565	0.9827	0.9262
48	635200.0	5734913.0	3360.0	0.0574	0.9843	0.9269
49	635194.0	5734923.0	3360.0	0.0575	0.9823	0.9248
50	635203.0	5734929.0	3360.0	0.0566	0.9834	0.9268

51	635210.0	5734930.5	3360.0	0.0567	0.9828	0.9261
52	635206.0	5734943.0	3384.5	0.0579	0.9877	0.9298
53	635202.0	5734944.5	3384.5	0.0572	0.9862	0.9290
54	635200.0	5734944.5	3384.5	0.0575	0.9873	0.9298
55	635198.0	5734945.0	3384.5	0.0574	0.9863	0.9289
56	635198.0	5734944.5	3384.5	0.0574	0.9865	0.9291
57	635204.0	5734945.5	3384.5	0.0568	0.9856	0.9289
58	635208.0	5734946.5	3384.5	0.0574	0.9867	0.9293
59	635206.0	5734943.0	3390.0	0.0579	0.9887	0.9309
60	635202.0	5734944.5	3390.0	0.0572	0.9875	0.9303
61	635200.0	5734944.5	3390.0	0.0575	0.9880	0.9304
62	635198.0	5734945.0	3390.0	0.0574	0.9876	0.9302
63	635198.0	5734944.5	3390.0	0.0574	0.9872	0.9298
64	635204.0	5734945.5	3390.0	0.0568	0.9866	0.9298
65	635208.0	5734946.5	3390.0	0.0574	0.9877	0.9302
66	635214.0	5734968.0	3414.4	0.0579	0.9921	0.9342
67	635220.0	5734965.0	3414.4	0.0570	0.9913	0.9343
68	635212.0	5734966.0	3414.4	0.0574	0.9918	0.9344
69	635206.0	5734967.0	3414.4	0.0575	0.9913	0.9338
70	635201.0	5734969.5	3414.4	0.0574	0.9917	0.9343
71	635200.0	5734971.0	3414.4	0.0575	0.9912	0.9337
72	635200.0	5734974.0	3414.4	0.0574	0.9917	0.9342
73	635214.0	5734968.0	3420.0	0.0579	0.9929	0.9350
74	635220.0	5734965.0	3420.0	0.0570	0.9929	0.9359
75	635212.0	5734966.0	3420.0	0.0574	0.9930	0.9355
76	635206.0	5734967.0	3420.0	0.0575	0.9928	0.9353
77	635201.0	5734969.5	3420.0	0.0574	0.9926	0.9352
78	635200.0	5734971.0	3420.0	0.0575	0.9924	0.9349
79	635200.0	5734974.0	3420.0	0.0574	0.9922	0.9348
80	635197.0	5734993.0	3444.5	0.0572	0.9965	0.9393
81	635195.0	5734993.0	3444.5	0.0575	0.9972	0.9397
82	635197.0	5734994.5	3444.5	0.0572	0.9962	0.9390
83	635199.0	5734994.5	3444.5	0.0578	0.9968	0.9390
84	635202.0	5734993.0	3444.5	0.0571	0.9956	0.9385
85	635205.0	5734994.5	3444.5	0.0574	0.9966	0.9392
86	635208.0	5734996.5	3444.5	0.0569	0.9961	0.9391
87	635197.0	5734993.0	3450.0	0.0572	0.9973	0.9401
88	635195.0	5734993.0	3450.0	0.0575	0.9983	0.9408
89	635197.0	5734994.5	3450.0	0.0572	0.9973	0.9401
90	635199.0	5734994.5	3450.0	0.0578	0.9977	0.9399
91	635202.0	5734993.0	3450.0	0.0571	0.9962	0.9391
92	635205.0	5734994.5	3450.0	0.0574	0.9977	0.9403
93	635208.0	5734996.5	3450.0	0.0569	0.9971	0.9402
94	635200.0	5735020.0	3474.5	0.0572	1.0021	0.9449
95	635203.0	5735021.0	3474.5	0.0570	1.0017	0.9448
96	635202.0	5735019.5	3474.5	0.0570	1.0016	0.9446
97	635198.0	5735017.0	3474.5	0.0569	1.0011	0.9441
98	635199.0	5735016.0	3474.5	0.0574	1.0020	0.9446
99	635199.0	5735017.0	3474.5	0.0571	1.0011	0.9440
100	635198.0	5735019.5	3474.5	0.0574	1.0015	0.9441
101	635200.0	5735020.0	3480.0	0.0572	1.0029	0.9457
102	635203.0	5735021.0	3480.0	0.0570	1.0026	0.9457
103	635202.0	5735019.5	3480.0	0.0570	1.0026	0.9456
104	635198.0	5735017.0	3480.0	0.0569	1.0021	0.9452
105	635199.0	5735016.0	3480.0	0.0574	1.0031	0.9457
106	635199.0	5735017.0	3480.0	0.0571	1.0020	0.9449

107	635198.0	5735019.5	3480.0	0.0574	1.0024	0.9450
108	635188.0	5735042.0	3504.5	0.0578	1.0290	0.9712
109	635186.0	5735040.0	3504.5	0.0568	1.0066	0.9497
110	635194.0	5735038.0	3504.5	0.0574	1.0074	0.9499
111	635196.0	5735042.0	3504.5	0.0571	1.0070	0.9499
112	635198.0	5735043.0	3504.5	0.0574	1.0072	0.9498
113	635196.5	5735043.0	3504.5	0.0575	1.0071	0.9496
114	635195.0	5735043.0	3504.5	0.0575	1.0074	0.9498
115	635194.0	5735044.5	3504.5	0.0572	1.0072	0.9500
116	635188.0	5735042.0	3510.0	0.0578	1.0120	0.9542
117	635186.0	5735040.0	3510.0	0.0568	1.0075	0.9507
118	635194.0	5735038.0	3510.0	0.0574	1.0083	0.9508
119	635196.0	5735042.0	3510.0	0.0571	1.0078	0.9507
120	635198.0	5735043.0	3510.0	0.0574	1.0081	0.9507
121	635196.5	5735043.0	3510.0	0.0575	1.0079	0.9505
122	635195.0	5735043.0	3510.0	0.0575	1.0082	0.9507
123	635194.0	5735044.5	3510.0	0.0572	1.0080	0.9508
124	635188.0	5735070.0	3534.5	0.0579	1.0122	0.9543
125	635189.0	5735063.0	3534.5	0.0574	1.0127	0.9553
126	635189.0	5735066.0	3534.5	0.0575	1.0124	0.9549
127	635183.0	5735074.0	3534.5	0.0575	1.0121	0.9546
128	635200.0	5735063.0	3534.5	0.0575	1.0124	0.9548
129	635200.0	5735064.0	3534.5	0.0583	1.0128	0.9545
130	635200.0	5735072.5	3534.5	0.0572	1.0115	0.9542
131	635182.0	5735078.0	3534.5	0.0575	1.0118	0.9543
132	635188.0	5735070.0	3540.0	0.0579	1.0131	0.9553
133	635189.0	5735063.0	3540.0	0.0574	1.0137	0.9564
134	635189.0	5735066.0	3540.0	0.0575	1.0134	0.9560
135	635183.0	5735074.0	3540.0	0.0575	1.0130	0.9555
136	635200.0	5735063.0	3540.0	0.0575	1.0133	0.9558
137	635200.0	5735064.0	3540.0	0.0583	1.0137	0.9555
138	635200.0	5735072.5	3540.0	0.0572	1.0125	0.9553
139	635182.0	5735078.0	3540.0	0.0575	1.0128	0.9554
140	635183.0	5735094.0	3564.5	0.0574	1.0154	0.9581
141	635196.0	5735093.0	3564.5	0.0580	1.0157	0.9577
142	635195.0	5735091.0	3564.5	0.0575	1.0156	0.9581
143	635192.0	5735092.0	3564.5	0.0570	1.0149	0.9578
144	635186.0	5735090.0	3564.5	0.0574	1.0156	0.9582
145	635186.0	5735090.0	3564.5	0.0574	1.0153	0.9579
146	635187.0	5735093.0	3564.5	0.0576	1.0153	0.9578
147	635198.0	5735096.0	3564.5	0.0574	1.0157	0.9583
148	635183.0	5735094.0	3570.0	0.0574	1.0164	0.9590
149	635196.0	5735093.0	3570.0	0.0580	1.0165	0.9585
150	635195.0	5735091.0	3570.0	0.0575	1.0164	0.9589
151	635192.0	5735092.0	3570.0	0.0570	1.0156	0.9585
152	635186.0	5735090.0	3570.0	0.0574	1.0165	0.9590
153	635186.0	5735090.0	3570.0	0.0574	1.0163	0.9588
154	635187.0	5735093.0	3570.0	0.0576	1.0163	0.9587
155	635198.0	5735096.0	3570.0	0.0574	1.0165	0.9591
156	635181.0	5735115.0	3594.5	0.0574	1.0181	0.9606
157	635186.0	5735113.0	3594.5	0.0570	1.0178	0.9608
158	635188.0	5735116.0	3594.5	0.0575	1.0180	0.9606
159	635191.0	5735122.5	3594.5	0.0574	1.0178	0.9604
160	635183.0	5735117.0	3594.5	0.0574	1.0184	0.9610
161	635185.0	5735118.0	3594.5	0.0574	1.0179	0.9605
162	635186.0	5735119.0	3594.5	0.0573	1.0178	0.9604

163	635188.0	5735115.0	3594.5	0.0574	1.0180	0.9607
164	635181.0	5735115.0	3600.0	0.0574	1.0187	0.9612
165	635186.0	5735113.0	3600.0	0.0570	1.0185	0.9615
166	635188.0	5735116.0	3600.0	0.0575	1.0187	0.9612
167	635191.0	5735122.5	3600.0	0.0574	1.0185	0.9611
168	635183.0	5735117.0	3600.0	0.0574	1.0192	0.9618
169	635185.0	5735118.0	3600.0	0.0574	1.0187	0.9613
170	635186.0	5735119.0	3600.0	0.0573	1.0186	0.9612
171	635188.0	5735115.0	3600.0	0.0574	1.0188	0.9615
172	635177.0	5735146.0	3624.5	0.0574	1.0202	0.9628
173	635177.0	5735144.0	3624.5	0.0574	1.0203	0.9629
174	635179.0	5735142.0	3624.5	0.0568	1.0198	0.9629
175	635181.0	5735141.0	3624.5	0.0575	1.0200	0.9624
176	635181.0	5735142.0	3624.5	0.0570	1.0194	0.9624
177	635183.0	5735144.0	3624.5	0.0574	1.0205	0.9630
178	635185.0	5735144.0	3624.5	0.0570	1.0198	0.9628
179	635177.0	5735146.0	3630.0	0.0574	1.0210	0.9636
180	635177.0	5735144.0	3630.0	0.0574	1.0215	0.9641
181	635179.0	5735142.0	3630.0	0.0568	1.0208	0.9640
182	635181.0	5735141.0	3630.0	0.0575	1.0212	0.9637
183	635181.0	5735142.0	3630.0	0.0570	1.0203	0.9633
184	635183.0	5735144.0	3630.0	0.0574	1.0214	0.9640
185	635185.0	5735144.0	3630.0	0.0570	1.0207	0.9637
186	635183.0	5735173.0	3654.5	0.0568	1.0237	0.9669
187	635178.0	5735169.0	3654.5	0.0572	1.0234	0.9662
188	635173.0	5735163.5	3654.5	0.0573	1.0236	0.9663
189	635186.0	5735170.0	3654.5	0.0580	1.0248	0.9669
190	635184.0	5735176.0	3654.5	0.0573	1.0236	0.9663
191	635176.0	5735177.0	3654.5	0.0575	1.0237	0.9662
192	635168.0	5735167.0	3654.5	0.0575	1.0239	0.9665
193	635183.0	5735173.0	3660.0	0.0568	1.0244	0.9676
194	635178.0	5735169.0	3660.0	0.0572	1.0242	0.9670
195	635173.0	5735163.5	3660.0	0.0573	1.0245	0.9671
196	635186.0	5735170.0	3660.0	0.0580	1.0257	0.9678
197	635184.0	5735176.0	3660.0	0.0573	1.0244	0.9671
198	635176.0	5735177.0	3660.0	0.0575	1.0246	0.9671
199	635168.0	5735167.0	3660.0	0.0575	1.0247	0.9672
200	635177.0	5735197.5	3684.5	0.0569	1.0270	0.9701
201	635178.0	5735197.5	3684.5	0.0568	1.0268	0.9700
202	635179.0	5735198.0	3684.5	0.0573	1.0275	0.9702
203	635181.0	5735198.0	3684.5	0.0568	1.0270	0.9702
204	635181.0	5735198.0	3684.5	0.0569	1.0271	0.9702
205	635179.0	5735199.0	3684.5	0.0575	1.0276	0.9701
206	635179.0	5735196.0	3684.5	0.0574	1.0277	0.9703
207	635177.0	5735197.5	3690.0	0.0569	1.0280	0.9711
208	635178.0	5735197.5	3690.0	0.0568	1.0278	0.9710
209	635179.0	5735198.0	3690.0	0.0573	1.0286	0.9713
210	635181.0	5735198.0	3690.0	0.0568	1.0277	0.9710
211	635181.0	5735198.0	3690.0	0.0569	1.0282	0.9713
212	635179.0	5735199.0	3690.0	0.0575	1.0284	0.9710
213	635179.0	5735196.0	3690.0	0.0574	1.0285	0.9710
214	635174.0	5735226.0	3714.5	0.0575	1.0311	0.9737
215	635177.0	5735224.0	3714.5	0.0574	1.0310	0.9737
216	635179.0	5735223.0	3714.5	0.0575	1.0313	0.9738
217	635176.0	5735222.5	3714.5	0.0573	1.0307	0.9734
218	635171.0	5735224.5	3714.5	0.0575	1.0307	0.9732

219	635168.0	5735224.0	3714.5	0.0575	1.0312	0.9737
220	635169.0	5735222.5	3714.5	0.0574	1.0313	0.9740
221	635170.0	5735222.5	3714.5	0.0574	1.0311	0.9737
222	635174.0	5735226.0	3720.0	0.0575	1.0322	0.9748
223	635177.0	5735224.0	3720.0	0.0574	1.0322	0.9748
224	635179.0	5735223.0	3720.0	0.0575	1.0324	0.9749
225	635176.0	5735222.5	3720.0	0.0573	1.0318	0.9746
226	635171.0	5735224.5	3720.0	0.0575	1.0319	0.9744
227	635168.0	5735224.0	3720.0	0.0575	1.0323	0.9748
228	635169.0	5735222.5	3720.0	0.0574	1.0324	0.9751
229	635170.0	5735222.5	3720.0	0.0574	1.0322	0.9748
230	635168.0	5735247.5	3744.3	0.0574	1.0345	0.9771
231	635168.0	5735247.5	3744.3	0.0574	1.0337	0.9763
232	635168.0	5735248.0	3744.3	0.0572	1.0339	0.9767
233	635167.0	5735250.5	3744.3	0.0570	1.0334	0.9764
234	635167.0	5735250.5	3744.3	0.0568	1.0331	0.9764
235	635168.0	5735242.0	3744.3	0.0574	1.0344	0.9771
236	635167.0	5735243.0	3744.3	0.0578	1.0347	0.9769
237	635168.0	5735247.5	3750.0	0.0574	1.0355	0.9781
238	635168.0	5735247.5	3750.0	0.0574	1.0344	0.9770
239	635168.0	5735248.0	3750.0	0.0572	1.0347	0.9776
240	635167.0	5735250.5	3750.0	0.0570	1.0344	0.9773
241	635167.0	5735250.5	3750.0	0.0568	1.0340	0.9773
242	635168.0	5735242.0	3750.0	0.0574	1.0352	0.9779
243	635167.0	5735243.0	3750.0	0.0578	1.0355	0.9778
244	635163.0	5735274.0	3774.5	0.0578	1.0376	0.9798
245	635163.0	5735275.5	3774.5	0.0575	1.0376	0.9801
246	635170.0	5735276.0	3774.5	0.0575	1.0374	0.9799
247	635173.0	5735277.5	3774.5	0.0569	1.0361	0.9793
248	635172.0	5735279.0	3774.5	0.0575	1.0377	0.9802
249	635170.0	5735279.0	3774.5	0.0575	1.0373	0.9798
250	635167.0	5735277.5	3774.5	0.0570	1.0365	0.9795
251	635163.0	5735274.0	3780.0	0.0578	1.0385	0.9807
252	635163.0	5735275.5	3780.0	0.0575	1.0387	0.9812
253	635170.0	5735276.0	3780.0	0.0575	1.0383	0.9808
254	635173.0	5735277.5	3780.0	0.0569	1.0372	0.9803
255	635172.0	5735279.0	3780.0	0.0575	1.0387	0.9812
256	635170.0	5735279.0	3780.0	0.0575	1.0384	0.9809
257	635167.0	5735277.5	3780.0	0.0570	1.0376	0.9806
258	635166.0	5735301.0	3803.9	0.0576	1.0406	0.9830
259	635163.0	5735301.5	3803.9	0.0569	1.0391	0.9822
260	635160.0	5735302.0	3803.9	0.0574	1.0399	0.9824
261	635160.0	5735302.0	3803.9	0.0575	1.0400	0.9826
262	635161.0	5735299.0	3803.9	0.0575	1.0406	0.9831
263	635162.0	5735298.0	3803.9	0.0568	1.0400	0.9832
264	635161.0	5735300.5	3803.9	0.0570	1.0397	0.9827
265	635166.0	5735301.0	3810.0	0.0576	1.0419	0.9842
266	635163.0	5735301.5	3810.0	0.0569	1.0402	0.9834
267	635160.0	5735302.0	3810.0	0.0574	1.0410	0.9836
268	635160.0	5735302.0	3810.0	0.0575	1.0412	0.9837
269	635161.0	5735299.0	3810.0	0.0575	1.0418	0.9843
270	635162.0	5735298.0	3810.0	0.0568	1.0411	0.9843
271	635161.0	5735300.5	3810.0	0.0570	1.0408	0.9839
272	635163.0	5735325.5	3834.5	0.0570	1.0428	0.9857
273	635160.0	5735321.0	3834.5	0.0568	1.0425	0.9856
274	635154.0	5735313.0	3834.5	0.0574	1.0438	0.9864

275	635151.0	5735311.5	3834.5	0.0574	1.0449	0.9875
276	635147.0	5735287.0	3834.5	0.0570	1.0442	0.9872
277	635150.0	5735312.0	3834.5	0.0581	1.0459	0.9878
278	635153.0	5735337.0	3834.5	0.0574	1.0428	0.9854
279	635165.0	5735330.0	3834.5	0.0568	1.0421	0.9852
280	635161.0	5735323.0	3834.5	0.0575	1.0435	0.9860
281	635157.0	5735321.0	3834.5	0.0574	1.0431	0.9857
282	635160.0	5735329.0	3834.5	0.0574	1.0431	0.9856
283	635161.0	5735331.0	3834.5	0.0568	1.0419	0.9850
284	635163.0	5735325.5	3840.0	0.0570	1.0436	0.9866
285	635160.0	5735321.0	3840.0	0.0568	1.0433	0.9865
286	635154.0	5735313.0	3840.0	0.0574	1.0444	0.9870
287	635151.0	5735311.5	3840.0	0.0574	1.0461	0.9887
288	635147.0	5735287.0	3840.0	0.0570	1.0452	0.9882
289	635150.0	5735312.0	3840.0	0.0581	1.0471	0.9890
290	635153.0	5735337.0	3840.0	0.0574	1.0435	0.9862
291	635165.0	5735330.0	3840.0	0.0568	1.0431	0.9863
292	635161.0	5735323.0	3840.0	0.0575	1.0442	0.9867
293	635157.0	5735321.0	3840.0	0.0574	1.0440	0.9866
294	635160.0	5735329.0	3840.0	0.0574	1.0439	0.9865
295	635161.0	5735331.0	3840.0	0.0568	1.0430	0.9862
296	635152.0	5735349.0	3864.5	0.0575	1.0463	0.9888
297	635154.0	5735349.0	3864.5	0.0575	1.0466	0.9891
298	635155.0	5735350.5	3864.5	0.0568	1.0458	0.9890
299	635155.0	5735351.0	3864.5	0.0574	1.0465	0.9891
300	635154.0	5735352.0	3864.5	0.0574	1.0455	0.9881
301	635154.0	5735352.5	3864.5	0.0574	1.0463	0.9889
302	635159.0	5735354.0	3864.5	0.0574	1.0458	0.9885
303	635152.0	5735349.0	3870.0	0.0575	1.0472	0.9897
304	635154.0	5735349.0	3870.0	0.0575	1.0476	0.9901
305	635155.0	5735350.5	3870.0	0.0568	1.0469	0.9901
306	635155.0	5735351.0	3870.0	0.0574	1.0473	0.9899
307	635154.0	5735352.0	3870.0	0.0574	1.0465	0.9891
308	635154.0	5735352.5	3870.0	0.0574	1.0472	0.9898
309	635159.0	5735354.0	3870.0	0.0574	1.0468	0.9895
310	635148.0	5735377.5	3894.5	0.0578	1.0494	0.9915
311	635147.0	5735375.5	3894.5	0.0575	1.0492	0.9918
312	635150.0	5735373.0	3894.5	0.0575	1.0491	0.9916
313	635154.0	5735376.0	3894.5	0.0570	1.0488	0.9918
314	635152.0	5735376.0	3894.5	0.0569	1.0493	0.9924
315	635145.0	5735374.0	3894.5	0.0575	1.0494	0.9919
316	635146.5	5735376.0	3894.5	0.0575	1.0494	0.9919
317	635148.0	5735377.5	3900.0	0.0578	1.0504	0.9926
318	635147.0	5735375.5	3900.0	0.0575	1.0507	0.9932
319	635150.0	5735373.0	3900.0	0.0575	1.0500	0.9925
320	635154.0	5735376.0	3900.0	0.0570	1.0498	0.9928
321	635152.0	5735376.0	3900.0	0.0569	1.0507	0.9937
322	635145.0	5735374.0	3900.0	0.0575	1.0505	0.9930
323	635146.5	5735376.0	3900.0	0.0575	1.0507	0.9932
324	635142.0	5735398.0	3924.5	0.0574	1.0532	0.9958
325	635142.0	5735400.5	3924.5	0.0574	1.0522	0.9948
326	635142.0	5735401.0	3924.5	0.0574	1.0528	0.9954
327	635143.0	5735402.0	3924.5	0.0568	1.0519	0.9951
328	635144.0	5735401.0	3924.5	0.0575	1.0524	0.9950
329	635146.0	5735400.5	3924.5	0.0568	1.0524	0.9956
330	635146.0	5735401.0	3924.5	0.0570	1.0524	0.9954

331	635148.0	5735400.5	3924.5	0.0574	1.0528	0.9954
332	635142.0	5735398.0	3930.0	0.0574	1.0540	0.9966
333	635142.0	5735400.5	3930.0	0.0574	1.0533	0.9959
334	635142.0	5735401.0	3930.0	0.0574	1.0536	0.9962
335	635143.0	5735402.0	3930.0	0.0568	1.0529	0.9960
336	635144.0	5735401.0	3930.0	0.0575	1.0533	0.9958
337	635146.0	5735400.5	3930.0	0.0568	1.0535	0.9967
338	635146.0	5735401.0	3930.0	0.0570	1.0534	0.9964
339	635148.0	5735400.5	3930.0	0.0574	1.0538	0.9964
340	635139.0	5735426.0	3954.3	0.0574	1.0563	0.9989
341	635137.0	5735427.5	3954.3	0.0565	1.0530	0.9966
342	635136.0	5735427.5	3954.3	0.0574	1.0557	0.9983
343	635139.0	5735426.0	3954.3	0.0574	1.0556	0.9982
344	635141.0	5735426.0	3954.3	0.0565	1.0561	0.9995
345	635144.0	5735430.5	3954.3	0.0568	1.0553	0.9985
346	635139.0	5735432.0	3954.3	0.0574	1.0557	0.9983
347	635134.0	5735425.5	3954.3	0.0568	1.0551	0.9983
348	635135.0	5735418.0	3954.3	0.0574	1.0564	0.9990
349	635139.0	5735426.0	3960.0	0.0574	1.0574	1.0000
350	635137.0	5735427.5	3960.0	0.0565	1.0599	1.0034
351	635136.0	5735427.5	3960.0	0.0574	1.0569	0.9995
352	635139.0	5735426.0	3960.0	0.0574	1.0568	0.9994
353	635141.0	5735426.0	3960.0	0.0565	1.0572	1.0007
354	635144.0	5735430.5	3960.0	0.0568	1.0565	0.9997
355	635139.0	5735432.0	3960.0	0.0574	1.0568	0.9994
356	635134.0	5735425.5	3960.0	0.0568	1.0562	0.9994
357	635135.0	5735418.0	3960.0	0.0574	1.0577	1.0003
358	635134.0	5735451.0	3984.5	0.0568	1.0590	1.0022
359	635133.0	5735448.0	3984.5	0.0574	1.0595	1.0021
360	635134.0	5735449.0	3984.5	0.0569	1.0589	1.0021
361	635135.0	5735449.0	3984.5	0.0568	1.0587	1.0020
362	635136.0	5735450.5	3984.5	0.0574	1.0591	1.0017
363	635137.0	5735452.0	3984.5	0.0574	1.0591	1.0017
364	635136.0	5735455.0	3984.5	0.0567	1.0581	1.0014
365	635134.0	5735455.0	3984.5	0.0569	1.0578	1.0010
366	635134.0	5735451.0	3990.0	0.0568	1.0600	1.0032
367	635133.0	5735448.0	3990.0	0.0574	1.0610	1.0036
368	635134.0	5735449.0	3990.0	0.0569	1.0601	1.0033
369	635135.0	5735449.0	3990.0	0.0568	1.0601	1.0033
370	635136.0	5735450.5	3990.0	0.0574	1.0605	1.0031
371	635137.0	5735452.0	3990.0	0.0574	1.0606	1.0031
372	635136.0	5735455.0	3990.0	0.0567	1.0589	1.0023
373	635134.0	5735455.0	3990.0	0.0569	1.0588	1.0019
374	635127.0	5735475.0	4014.5	0.0574	1.0635	1.0060
375	635131.0	5735474.0	4014.5	0.0568	1.0632	1.0063
376	635135.0	5735475.0	4014.5	0.0575	1.0639	1.0064
377	635132.5	5735474.5	4014.5	0.0574	1.0634	1.0060
378	635130.0	5735474.0	4014.5	0.0567	1.0623	1.0056
379	635122.0	5735472.0	4014.5	0.0574	1.0638	1.0063
380	635125.0	5735473.0	4014.5	0.0568	1.0631	1.0063
381	635127.0	5735475.0	4020.0	0.0574	1.0654	1.0080
382	635131.0	5735474.0	4020.0	0.0568	1.0648	1.0079
383	635135.0	5735475.0	4020.0	0.0575	1.0647	1.0072
384	635132.5	5735474.5	4020.0	0.0574	1.0660	1.0086
385	635130.0	5735474.0	4020.0	0.0567	1.0649	1.0081
386	635122.0	5735472.0	4020.0	0.0574	1.0647	1.0073

387	635125.0	5735473.0	4020.0	0.0568	1.0636	1.0069
388	635131.0	5735498.0	4044.5	0.0568	1.0702	1.0134
389	635132.0	5735502.0	4044.5	0.0565	1.0691	1.0125
390	635131.0	5735502.0	4044.5	0.0567	1.0709	1.0142
391	635128.0	5735502.0	4044.5	0.0568	1.0677	1.0110
392	635130.0	5735498.0	4044.5	0.0574	1.0690	1.0116
393	635134.0	5735499.0	4044.5	0.0567	1.0679	1.0111
394	635132.0	5735501.0	4044.5	0.0568	1.0764	1.0196
395	635125.0	5735500.0	4044.5	0.0568	1.0693	1.0125
396	635126.0	5735497.0	4044.5	0.0569	1.0681	1.0111
397	635127.0	5735496.0	4044.5	0.0574	1.0692	1.0118
398	635127.5	5735499.0	4044.5	0.0574	1.0673	1.0099
399	635128.0	5735502.0	4044.5	0.0568	1.0686	1.0118
400	635131.0	5735498.0	4050.0	0.0568	1.0698	1.0130
401	635132.0	5735502.0	4050.0	0.0565	1.0689	1.0124
402	635131.0	5735502.0	4050.0	0.0567	1.0707	1.0139
403	635128.0	5735502.0	4050.0	0.0568	1.0694	1.0127
404	635130.0	5735498.0	4050.0	0.0574	1.0698	1.0124
405	635134.0	5735499.0	4050.0	0.0567	1.0697	1.0130
406	635132.0	5735501.0	4050.0	0.0568	1.0625	1.0057
407	635125.0	5735500.0	4050.0	0.0568	1.0697	1.0128
408	635126.0	5735497.0	4050.0	0.0569	1.0692	1.0122
409	635127.0	5735496.0	4050.0	0.0574	1.0702	1.0128
410	635127.5	5735499.0	4050.0	0.0574	1.0700	1.0126
411	635128.0	5735502.0	4050.0	0.0568	1.0683	1.0114
412	635131.0	5735526.0	4074.4	0.0567	1.0743	1.0176
413	635131.0	5735526.0	4074.4	0.0566	1.0737	1.0172
414	635130.0	5735528.5	4074.4	0.0574	1.0721	1.0147
415	635129.0	5735529.0	4074.4	0.0574	1.0730	1.0155
416	635126.0	5735530.5	4074.4	0.0574	1.0732	1.0158
417	635127.0	5735529.0	4074.4	0.0574	1.0731	1.0157
418	635129.0	5735527.0	4074.4	0.0568	1.0723	1.0155
419	635131.0	5735528.5	4074.4	0.0565	1.0726	1.0161
420	635130.0	5735529.0	4074.4	0.0574	1.0737	1.0163
421	635127.0	5735527.0	4074.4	0.0574	1.0731	1.0157
422	635123.0	5735528.5	4074.4	0.0574	1.0730	1.0157
423	635131.0	5735526.0	4080.0	0.0567	1.0736	1.0169
424	635131.0	5735526.0	4080.0	0.0566	1.0740	1.0174
425	635130.0	5735528.5	4080.0	0.0574	1.0747	1.0173
426	635129.0	5735529.0	4080.0	0.0574	1.0747	1.0173
427	635126.0	5735530.5	4080.0	0.0574	1.0744	1.0170
428	635127.0	5735529.0	4080.0	0.0574	1.0747	1.0173
429	635129.0	5735527.0	4080.0	0.0568	1.0741	1.0173
430	635131.0	5735528.5	4080.0	0.0565	1.0734	1.0169
431	635130.0	5735529.0	4080.0	0.0574	1.0746	1.0172
432	635127.0	5735527.0	4080.0	0.0574	1.0765	1.0191
433	635123.0	5735528.5	4080.0	0.0574	1.0739	1.0165
434	635127.0	5735548.0	4104.5	0.0570	1.0782	1.0212
435	635127.0	5735549.0	4104.5	0.0567	1.0775	1.0208
436	635125.0	5735552.0	4104.5	0.0570	1.0776	1.0206
437	635121.0	5735549.0	4104.5	0.0568	1.0769	1.0201
438	635119.0	5735547.0	4104.5	0.0565	1.0772	1.0207
439	635124.0	5735549.0	4104.5	0.0569	1.0778	1.0210
440	635128.0	5735553.5	4104.5	0.0567	1.0779	1.0212
441	635128.0	5735555.0	4104.5	0.0566	1.0771	1.0205
442	635123.0	5735554.0	4104.5	0.0574	1.0774	1.0200

443	635127.0	5735548.0	4110.0	0.0570	1.0797	1.0228
444	635127.0	5735549.0	4110.0	0.0567	1.0807	1.0240
445	635125.0	5735552.0	4110.0	0.0570	1.0785	1.0216
446	635121.0	5735549.0	4110.0	0.0568	1.0787	1.0218
447	635119.0	5735547.0	4110.0	0.0565	1.0787	1.0222
448	635124.0	5735549.0	4110.0	0.0569	1.0785	1.0216
449	635128.0	5735553.5	4110.0	0.0567	1.0793	1.0226
450	635128.0	5735555.0	4110.0	0.0566	1.0785	1.0219
451	635123.0	5735554.0	4110.0	0.0574	1.0786	1.0212
452	635122.0	5735578.5	4134.5	0.0569	1.0826	1.0256
453	635116.0	5735579.0	4134.5	0.0575	1.0781	1.0206
454	635115.0	5735575.0	4134.5	0.0567	1.0803	1.0236
455	635123.0	5735575.0	4134.5	0.0569	1.0823	1.0255
456	635126.0	5735580.0	4134.5	0.0574	1.0836	1.0263
457	635119.0	5735579.0	4134.5	0.0575	1.0828	1.0253
458	635117.0	5735573.0	4134.5	0.0575	1.0849	1.0274
459	635118.0	5735572.0	4134.5	0.0569	1.0834	1.0265
460	635121.0	5735572.0	4134.5	0.0575	1.0827	1.0252
461	635124.0	5735575.0	4134.5	0.0568	1.0833	1.0265
462	635125.0	5735577.0	4134.5	0.0574	1.0834	1.0260
463	635120.0	5735575.0	4134.5	0.0574	1.0801	1.0228
464	635124.0	5735580.5	4134.5	0.0574	1.0825	1.0251
465	635125.0	5735582.0	4134.5	0.0568	1.0825	1.0257
466	635118.0	5735577.0	4134.5	0.0567	1.0820	1.0253
467	635116.0	5735573.0	4134.5	0.0574	1.0829	1.0255
468	635119.0	5735572.0	4134.5	0.0568	1.0822	1.0254
469	635123.0	5735573.0	4134.5	0.0573	1.0836	1.0262
470	635125.0	5735575.0	4134.5	0.0568	1.0818	1.0250
471	635122.0	5735578.5	4140.0	0.0569	1.0824	1.0255
472	635116.0	5735579.0	4140.0	0.0575	1.0833	1.0258
473	635115.0	5735575.0	4140.0	0.0567	1.0829	1.0262
474	635123.0	5735575.0	4140.0	0.0569	1.0834	1.0266
475	635126.0	5735580.0	4140.0	0.0574	1.0836	1.0262
476	635119.0	5735579.0	4140.0	0.0575	1.0835	1.0260
477	635117.0	5735573.0	4140.0	0.0575	1.0845	1.0271
478	635118.0	5735572.0	4140.0	0.0569	1.0833	1.0264
479	635121.0	5735572.0	4140.0	0.0575	1.0849	1.0273
480	635124.0	5735575.0	4140.0	0.0568	1.0825	1.0257
481	635125.0	5735577.0	4140.0	0.0574	1.0847	1.0273
482	635120.0	5735575.0	4140.0	0.0574	1.0841	1.0268
483	635124.0	5735580.5	4140.0	0.0574	1.0843	1.0269
484	635125.0	5735582.0	4140.0	0.0568	1.0841	1.0273
485	635118.0	5735577.0	4140.0	0.0567	1.0835	1.0268
486	635116.0	5735573.0	4140.0	0.0574	1.0843	1.0269
487	635119.0	5735572.0	4140.0	0.0568	1.0831	1.0263
488	635123.0	5735573.0	4140.0	0.0573	1.0844	1.0270
489	635125.0	5735575.0	4140.0	0.0568	1.0826	1.0258
490	635119.0	5735597.0	4164.5	0.0574	1.0871	1.0297
491	635123.0	5735604.0	4164.5	0.0568	1.0861	1.0293
492	635121.0	5735605.0	4164.5	0.0575	1.0864	1.0290
493	635120.0	5735604.0	4164.5	0.0570	1.0860	1.0290
494	635119.0	5735602.0	4164.5	0.0574	1.0862	1.0288
495	635117.0	5735601.0	4164.5	0.0573	1.0859	1.0286
496	635115.0	5735601.0	4164.5	0.0575	1.0869	1.0294
497	635114.0	5735601.0	4164.5	0.0581	1.0870	1.0289
498	635119.0	5735597.0	4170.0	0.0574	1.0884	1.0310

499	635123.0	5735604.0	4170.0	0.0568	1.0874	1.0306
500	635121.0	5735605.0	4170.0	0.0575	1.0878	1.0304
501	635120.0	5735604.0	4170.0	0.0570	1.0871	1.0301
502	635119.0	5735602.0	4170.0	0.0574	1.0871	1.0297
503	635117.0	5735601.0	4170.0	0.0573	1.0871	1.0298
504	635115.0	5735601.0	4170.0	0.0575	1.0881	1.0306
505	635114.0	5735601.0	4170.0	0.0581	1.0881	1.0300
506	635114.0	5735631.5	4194.4	0.0574	1.0891	1.0317
507	635113.0	5735629.0	4194.4	0.0575	1.0888	1.0313
508	635114.0	5735631.5	4200.0	0.0574	1.0889	1.0316
509	635113.0	5735629.0	4200.0	0.0575	1.0911	1.0337
510	635116.0	5735648.0	4224.5	0.0571	1.0945	1.0375
511	635114.0	5735646.0	4224.5	0.0568	1.0951	1.0383
512	635112.0	5735647.0	4224.5	0.0571	1.0944	1.0374
513	635111.0	5735651.0	4224.5	0.0572	1.0940	1.0368
514	635115.0	5735654.0	4224.5	0.0575	1.0952	1.0377
515	635115.0	5735654.0	4224.5	0.0575	1.0948	1.0373
516	635117.0	5735653.0	4224.5	0.0570	1.0950	1.0380
517	635116.0	5735653.0	4224.5	0.0570	1.0943	1.0374
518	635113.0	5735653.0	4224.5	0.0569	1.0941	1.0372
519	635111.0	5735653.0	4224.5	0.0568	1.0936	1.0368
520	635110.0	5735652.0	4224.5	0.0569	1.0936	1.0367
521	635113.0	5735648.0	4224.5	0.0569	1.0943	1.0374
522	635112.0	5735649.0	4224.5	0.0569	1.0945	1.0377
523	635115.0	5735653.0	4224.5	0.0573	1.0952	1.0379
524	635116.0	5735648.0	4230.0	0.0571	1.0962	1.0391
525	635114.0	5735646.0	4230.0	0.0568	1.0955	1.0387
526	635112.0	5735647.0	4230.0	0.0571	1.0958	1.0387
527	635111.0	5735651.0	4230.0	0.0572	1.0885	1.0313
528	635115.0	5735654.0	4230.0	0.0575	1.0961	1.0387
529	635115.0	5735654.0	4230.0	0.0575	1.0959	1.0385
530	635117.0	5735653.0	4230.0	0.0570	1.0962	1.0393
531	635116.0	5735653.0	4230.0	0.0570	1.0955	1.0386
532	635113.0	5735653.0	4230.0	0.0569	1.0951	1.0382
533	635111.0	5735653.0	4230.0	0.0568	1.0954	1.0385
534	635110.0	5735652.0	4230.0	0.0569	1.0950	1.0381
535	635113.0	5735648.0	4230.0	0.0569	1.0949	1.0381
536	635112.0	5735649.0	4230.0	0.0569	1.0958	1.0390
537	635115.0	5735653.0	4230.0	0.0573	1.0965	1.0392
538	635111.0	5735685.0	4254.5	0.0574	1.0991	1.0417
539	635108.0	5735683.0	4254.5	0.0567	1.0979	1.0412
540	635106.0	5735679.0	4254.5	0.0575	1.0991	1.0416
541	635107.0	5735671.0	4254.5	0.0574	1.0990	1.0416
542	635109.0	5735672.0	4254.5	0.0570	1.0979	1.0410
543	635109.0	5735675.0	4254.5	0.0575	1.0986	1.0411
544	635110.0	5735680.0	4254.5	0.0574	1.0989	1.0415
545	635111.0	5735685.0	4260.0	0.0574	1.1003	1.0429
546	635108.0	5735683.0	4260.0	0.0567	1.0991	1.0424
547	635106.0	5735679.0	4260.0	0.0575	1.1002	1.0427
548	635107.0	5735671.0	4260.0	0.0574	1.1001	1.0426
549	635109.0	5735672.0	4260.0	0.0570	1.0992	1.0423
550	635109.0	5735675.0	4260.0	0.0575	1.0999	1.0424
551	635110.0	5735680.0	4260.0	0.0574	1.1000	1.0426
552	635103.0	5735708.0	4284.5	0.0574	1.1032	1.0458
553	635105.0	5735706.5	4284.5	0.0569	1.1028	1.0459
554	635108.0	5735702.0	4284.5	0.0570	1.1030	1.0460

555	635108.0	5735700.0	4284.5	0.0576	1.1036	1.0460
556	635109.0	5735704.0	4284.5	0.0575	1.1037	1.0462
557	635113.0	5735708.5	4284.5	0.0574	1.1031	1.0457
558	635110.0	5735706.5	4284.5	0.0570	1.1030	1.0461
559	635106.5	5735707.0	4284.5	0.0575	1.1041	1.0467
560	635103.0	5735708.0	4290.0	0.0574	1.1045	1.0471
561	635105.0	5735706.5	4290.0	0.0569	1.1047	1.0478
562	635108.0	5735702.0	4290.0	0.0570	1.1046	1.0476
563	635108.0	5735700.0	4290.0	0.0576	1.1011	1.0435
564	635109.0	5735704.0	4290.0	0.0575	1.1050	1.0475
565	635113.0	5735708.5	4290.0	0.0574	1.1047	1.0473
566	635110.0	5735706.5	4290.0	0.0570	1.1041	1.0471
567	635106.5	5735707.0	4290.0	0.0575	1.1052	1.0478
568	635109.0	5735735.0	4314.5	0.0574	1.1081	1.0507
569	635109.0	5735733.5	4314.5	0.0572	1.1085	1.0513
570	635108.0	5735733.0	4314.5	0.0569	1.1120	1.0551
571	635108.0	5735727.0	4314.5	0.0575	1.1075	1.0500
572	635108.0	5735725.0	4314.5	0.0575	1.1083	1.0508
573	635107.0	5735725.0	4314.5	0.0575	1.1085	1.0510
574	635109.0	5735737.0	4314.5	0.0569	1.1076	1.0506
575	635109.0	5735736.0	4314.5	0.0570	1.1079	1.0509
576	635109.0	5735729.0	4314.5	0.0575	1.1089	1.0513
577	635106.0	5735727.0	4314.5	0.0572	1.1075	1.0503
578	635109.0	5735735.0	4320.0	0.0574	1.1089	1.0516
579	635109.0	5735733.5	4320.0	0.0572	1.1083	1.0512
580	635108.0	5735733.0	4320.0	0.0569	1.1290	1.0721
581	635108.0	5735727.0	4320.0	0.0575	1.1092	1.0517
582	635108.0	5735725.0	4320.0	0.0575	1.1089	1.0514
583	635107.0	5735725.0	4320.0	0.0575	1.1096	1.0521
584	635109.0	5735737.0	4320.0	0.0569	1.1083	1.0514
585	635109.0	5735736.0	4320.0	0.0570	1.1084	1.0514
586	635109.0	5735729.0	4320.0	0.0575	1.1098	1.0523
587	635106.0	5735727.0	4320.0	0.0572	1.1085	1.0512
588	635106.0	5735760.0	4344.5	0.0570	1.1112	1.0542
589	635102.0	5735757.0	4344.5	0.0575	1.1119	1.0544
590	635102.0	5735758.5	4344.5	0.0575	1.1121	1.0546
591	635105.0	5735760.0	4344.5	0.0574	1.1115	1.0541
592	635108.0	5735760.0	4344.5	0.0578	1.1120	1.0543
593	635108.0	5735758.0	4344.5	0.0585	1.1122	1.0537
594	635105.0	5735757.0	4344.5	0.0581	1.1116	1.0535
595	635099.0	5735750.0	4344.5	0.0578	1.1120	1.0542
596	635103.0	5735754.0	4344.5	0.0576	1.1118	1.0542
597	635106.0	5735760.0	4350.0	0.0570	1.1124	1.0554
598	635102.0	5735757.0	4350.0	0.0575	1.1131	1.0556
599	635102.0	5735758.5	4350.0	0.0575	1.1131	1.0556
600	635105.0	5735760.0	4350.0	0.0574	1.1127	1.0553
601	635108.0	5735760.0	4350.0	0.0578	1.1133	1.0556
602	635108.0	5735758.0	4350.0	0.0585	1.1131	1.0546
603	635105.0	5735757.0	4350.0	0.0581	1.1128	1.0547
604	635099.0	5735750.0	4350.0	0.0578	1.1130	1.0552
605	635103.0	5735754.0	4350.0	0.0576	1.1130	1.0555
606	635089.0	5735766.0	4374.5	0.0571	1.1163	1.0592
607	635092.0	5735772.5	4374.5	0.0574	1.1166	1.0591
608	635095.0	5735775.0	4374.5	0.0574	1.1167	1.0592
609	635099.0	5735776.0	4374.5	0.0574	1.1165	1.0592
610	635099.0	5735785.0	4374.5	0.0574	1.1162	1.0588

611	635101.0	5735782.0	4374.5	0.0568	1.1151	1.0582
612	635099.0	5735780.0	4374.5	0.0565	1.1152	1.0588
613	635089.0	5735766.0	4380.0	0.0571	1.1175	1.0604
614	635092.0	5735772.5	4380.0	0.0574	1.1175	1.0601
615	635095.0	5735775.0	4380.0	0.0574	1.1174	1.0600
616	635099.0	5735776.0	4380.0	0.0574	1.1175	1.0601
617	635099.0	5735785.0	4380.0	0.0574	1.1170	1.0596
618	635101.0	5735782.0	4380.0	0.0568	1.1160	1.0592
619	635099.0	5735780.0	4380.0	0.0565	1.1162	1.0597
620	635092.0	5735940.0	4404.5	0.0578	1.1197	1.0620
621	635092.0	5735938.0	4404.5	0.0568	1.1181	1.0614
622	635093.0	5735934.5	4404.5	0.0573	1.1186	1.0612
623	635090.0	5735941.0	4404.5	0.0575	1.1191	1.0616
624	635092.0	5735936.5	4404.5	0.0565	1.1176	1.0611
625	635091.0	5735934.5	4404.5	0.0573	1.1193	1.0620
626	635085.0	5735929.0	4404.5	0.0566	1.1180	1.0613
627	635087.0	5735935.0	4404.5	0.0574	1.1188	1.0615
628	635099.0	5735936.5	4404.5	0.0574	1.1186	1.0613
629	635092.0	5735940.0	4410.0	0.0578	1.1198	1.0621
630	635092.0	5735938.0	4410.0	0.0568	1.1187	1.0619
631	635093.0	5735934.5	4410.0	0.0573	1.1194	1.0620
632	635090.0	5735941.0	4410.0	0.0575	1.1196	1.0621
633	635092.0	5735936.5	4410.0	0.0565	1.1183	1.0618
634	635091.0	5735934.5	4410.0	0.0573	1.1199	1.0625
635	635085.0	5735929.0	4410.0	0.0566	1.1193	1.0627
636	635087.0	5735935.0	4410.0	0.0574	1.1198	1.0624
637	635099.0	5735936.5	4410.0	0.0574	1.1193	1.0620
638	635091.0	5735965.0	4434.5	0.0572	1.1227	1.0655
639	635093.0	5735958.0	4434.5	0.0574	1.1241	1.0667
640	635087.0	5735961.5	4434.5	0.0575	1.1239	1.0664
641	635087.0	5735965.0	4434.5	0.0575	1.1245	1.0670
642	635086.0	5735958.0	4434.5	0.0570	1.1240	1.0670
643	635094.0	5735960.0	4434.5	0.0574	1.1241	1.0666
644	635096.0	5735960.0	4434.5	0.0575	1.1235	1.0660
645	635092.0	5735966.0	4434.5	0.0566	1.1224	1.0658
646	635090.0	5735964.0	4434.5	0.0569	1.1231	1.0662
647	635091.0	5735957.0	4434.5	0.0575	1.1238	1.0663
648	635089.0	5735955.0	4434.5	0.0575	1.1234	1.0659
649	635087.0	5735959.5	4434.5	0.0574	1.1232	1.0657
650	635089.0	5735961.5	4434.5	0.0569	1.1229	1.0660
651	635091.0	5735965.0	4440.0	0.0572	1.1235	1.0663
652	635093.0	5735958.0	4440.0	0.0574	1.1252	1.0678
653	635087.0	5735961.5	4440.0	0.0575	1.1252	1.0677
654	635087.0	5735965.0	4440.0	0.0575	1.1250	1.0675
655	635086.0	5735958.0	4440.0	0.0570	1.1245	1.0676
656	635094.0	5735960.0	4440.0	0.0574	1.1249	1.0674
657	635096.0	5735960.0	4440.0	0.0575	1.1244	1.0669
658	635092.0	5735966.0	4440.0	0.0566	1.1234	1.0668
659	635090.0	5735964.0	4440.0	0.0569	1.1240	1.0671
660	635091.0	5735957.0	4440.0	0.0575	1.1248	1.0673
661	635089.0	5735955.0	4440.0	0.0575	1.1244	1.0669
662	635087.0	5735959.5	4440.0	0.0574	1.1241	1.0667
663	635089.0	5735961.5	4440.0	0.0569	1.1237	1.0668

