



## INTRODUCCIÓ

Per la cartografia específica de la zona de les obres s'ha realitzat un aixecament topogràfic, a escala 1:1.000, que comprèn la zona de l'àmbit del projecte. Aquest aixecament s'ha aprofitat per a fer una anivellació acurada de tots els nivells, rasants i entrades dels habitatges, així com la ubicació exacta dels serveis existents. També s'ha deixat les referències i senyals corresponents, per permetre replantejar les obres definides en el present projecte.

Aquest aixecament topogràfic realitzat s'ha completat amb la cartografia general a escala 1:5.000 de la Generalitat de Catalunya i amb la topografia i plànols de projectes anteriors.

S'acompanyen els llistats de les bases topogràfiques i dels punts determinats, amb les seves coordenades UTM (x, y, z).

### Llistat de bases

Nom	Coord. X	Coord. Y	Coord. Z
A	481826.748	4612508.084	4.109
A1	481852.151	4612573.966	4.076
A10	481940.391	4612578.892	4.847
A11	481906.427	4612546.816	4.685
A2	481869.137	4612617.846	4.112
A21	481928.264	4612582.855	4.743
A3	481898.244	4612690.873	4.198
A4	481918.041	4612735.836	4.251
A5	481934.723	4612773.989	4.742
A51	481997.686	4612746.668	5.130
A6	481971.115	4612864.341	4.881
A7	482036.811	4612828.885	5.268
A71	482158.199	4612757.306	4.930
A72	482089.601	4612800.200	5.290
A8	482007.992	4612737.968	5.127
A81	482120.142	4612676.285	4.925
A9	481962.431	4612655.430	4.855
A91	482086.722	4612580.022	4.364
B	481744.316	4612308.076	3.751
B1	481794.803	4612437.058	3.933
C	481686.487	4612184.526	3.746
D	481723.841	4612158.199	3.835
EJ	481683.431	4612183.362	3.701
FR-1	481651.304	4611539.993	2.570
FR-I - ICC	481651.304	4611539.993	2.570
FR-II - IC	481646.497	4611710.448	2.880
IG10	481699.334	4611926.453	3.308
IG2	481775.029	4612210.735	3.980
IG3	481865.300	4612268.806	4.549
IG4	481891.002	4612315.042	4.809
IG5	481829.794	4612182.279	4.563
IG6	481805.646	4612187.266	4.467
IG7	481890.026	4612151.861	4.515
IG8	481761.826	4612210.038	3.952
IG9	481686.028	4612080.438	3.640

### Llistat de punts

Nom	Coord. X	Coord. Y	Coord. Z
1	481686.487	4612184.526	3.746
2	481723.841	4612158.199	3.835
3	481744.317	4612308.076	3.752
4	481702.893	4612226.199	3.717
5	481702.138	4612225.653	3.722
6	481702.072	4612224.399	3.704
7	481703.103	4612223.910	3.726
8	481701.029	4612219.412	3.718
9	481700.017	4612219.878	3.710
10	481699.033	4612217.758	3.696
11	481696.607	4612212.461	3.686
12	481696.186	4612211.543	3.689
13	481696.304	4612209.716	3.671
14	481697.034	4612209.090	3.660
15	481692.847	4612199.645	3.689
16	481690.917	4612193.692	3.682
17	481691.111	4612186.715	3.670
18	481693.255	4612181.243	3.665
19	481696.409	4612177.233	3.683
20	481695.487	4612177.505	3.704
21	481702.154	4612171.446	3.665
22	481708.066	4612165.503	3.652
23	481707.197	4612165.695	3.662
24	481708.194	4612162.867	3.721
25	481709.546	4612161.542	3.724
26	481711.538	4612159.565	3.714
27	481712.187	4612160.500	3.877
28	481713.382	4612159.697	3.871
29	481709.873	4612162.494	3.876
30	481709.309	4612162.702	3.868
31	481705.849	4612169.640	3.807
32	481701.153	4612173.415	3.821
33	481698.780	4612176.765	3.830
34	481695.519	4612180.292	3.827
35	481692.791	4612183.689	3.815
36	481692.101	4612188.862	3.830
37	481692.240	4612193.480	3.834
38	481692.312	4612196.479	3.834
39	481695.337	4612201.911	3.841
40	481697.767	4612207.402	3.859
41	481700.716	4612218.203	3.858
42	481702.945	4612224.936	3.861
43	481704.622	4612223.959	3.894
44	481704.159	4612225.351	3.884
45	481707.197	4612223.947	3.929
46	481703.543	4612215.871	3.928
47	481700.723	4612212.857	3.884
48	481700.653	4612209.480	3.900
49	481695.429	4612197.897	3.877
50	481694.530	4612195.923	3.875
51	481693.695	4612191.614	3.884
52	481693.726	4612190.648	3.876



53	481694.008	4612187.749	3.863	111	481697.251	4612187.792	6.202
54	481695.544	4612183.228	3.860	112	481700.602	4612192.287	6.475
55	481695.683	4612181.962	3.843	113	481704.950	4612194.623	9.911
56	481696.191	4612181.819	3.845	114	481706.244	4612196.401	10.664
57	481697.859	4612179.931	3.853	115	481706.502	4612196.628	10.731
58	481704.964	4612172.825	3.859	116	481700.244	4612247.577	3.608
59	481705.431	4612171.822	3.835	117	481708.221	4612249.005	3.578
60	481707.703	4612170.637	3.856	118	481704.763	4612257.589	3.609
61	481705.060	4612165.973	3.663	119	481711.970	4612257.185	3.511
62	481712.767	4612153.137	3.735	120	481704.745	4612237.857	3.505
63	481706.702	4612159.176	3.746	121	481713.062	4612236.984	3.622
64	481705.180	4612160.031	3.724	122	481717.970	4612247.893	3.561
65	481702.965	4612162.281	3.711	123	481723.372	4612259.933	3.659
66	481699.224	4612166.169	3.743	124	481744.316	4612308.076	3.751
67	481697.868	4612167.501	3.733	125	481836.878	4612501.656	4.176
68	481694.834	4612170.357	3.773	126	481833.797	4612500.389	4.062
69	481690.667	4612172.887	3.794	127	481830.628	4612499.088	3.993
70	481687.638	4612174.159	3.791	128	481827.519	4612492.005	3.893
71	481682.984	4612175.367	3.773	129	481824.074	4612484.187	3.802
72	481680.297	4612176.441	3.792	130	481821.683	4612478.721	3.833
73	481677.722	4612177.955	3.808	131	481820.213	4612475.346	3.878
75	481675.656	4612178.371	3.817	132	481818.984	4612472.549	3.942
76	481682.627	4612174.542	3.753	133	481817.617	4612469.555	4.051
77	481688.105	4612170.953	3.741	134	481817.137	4612468.409	4.061
78	481691.199	4612169.159	3.823	135	481809.988	4612473.478	3.950
79	481693.889	4612167.077	3.765	136	481812.694	4612480.356	3.939
80	481698.145	4612162.850	3.825	137	481818.595	4612485.466	3.841
81	481706.112	4612153.870	3.760	138	481815.925	4612486.909	3.849
82	481698.461	4612164.168	3.749	139	481816.858	4612487.425	3.848
83	481709.760	4612156.476	3.742	140	481819.807	4612495.143	3.926
84	481702.694	4612163.467	3.708	141	481823.623	4612504.147	4.037
85	481696.671	4612169.485	3.766	142	481824.820	4612508.217	4.090
86	481691.055	4612175.395	3.772	143	481825.185	4612511.342	4.204
87	481687.716	4612180.496	3.746	144	481827.442	4612511.304	4.143
88	481685.678	4612187.859	3.718	145	481829.709	4612512.990	4.193
89	481685.952	4612195.439	3.711	146	481832.026	4612509.544	4.175
90	481688.239	4612201.792	3.712	147	481833.137	4612515.083	4.236
91	481689.670	4612204.750	3.741	148	481827.763	4612517.056	4.259
92	481691.918	4612210.480	3.707	149	481833.714	4612513.790	4.237
93	481695.518	4612219.098	3.729	150	481834.979	4612512.433	4.228
94	481699.682	4612227.997	3.687	151	481833.267	4612515.320	4.320
95	481678.624	4612181.570	3.811	152	481833.922	4612513.913	4.368
96	481680.200	4612181.034	3.819	153	481835.322	4612512.549	4.405
97	481681.862	4612182.756	3.793	154	481837.639	4612511.569	4.495
98	481678.006	4612186.796	3.796	155	481837.355	4612511.963	4.606
99	481678.857	4612182.428	4.563	156	481835.410	4612513.438	4.576
100	481678.483	4612183.815	4.634	157	481834.197	4612514.203	4.583
101	481677.779	4612191.516	3.599	158	481833.524	4612515.724	4.581
102	481678.592	4612197.977	3.433	159	481842.003	4612509.495	4.454
103	481681.076	4612204.902	3.424	160	481848.979	4612506.656	4.580
104	481683.229	4612209.725	3.644	161	481853.874	4612504.881	4.606
105	481686.555	4612217.000	3.687	162	481861.430	4612501.782	4.508
106	481692.237	4612229.771	3.554	163	481868.525	4612498.861	4.436
107	481710.258	4612174.623	6.581	164	481865.813	4612491.861	4.474
108	481701.959	4612178.849	6.461	165	481862.467	4612493.234	4.525
109	481696.284	4612183.091	6.109	166	481861.861	4612493.496	4.538
110	481698.874	4612186.588	6.274	167	481859.354	4612492.682	4.546



168	481850.405	4612496.245	4.579
169	481806.157	4612465.634	4.010
170	481802.446	4612456.616	3.931
171	481809.018	4612452.599	4.083
172	481810.715	4612454.546	4.089
173	481811.011	4612454.719	4.085
175	481730.367	4612276.646	3.717
176	481730.859	4612277.693	3.712
177	481735.059	4612285.944	3.656
178	481736.861	4612289.900	3.651
179	481738.548	4612295.510	3.688
180	481742.559	4612302.476	3.824
181	481742.441	4612302.723	3.820
182	481741.685	4612302.765	3.770
183	481744.143	4612306.054	3.813
184	481737.045	4612312.087	3.582
185	481735.376	4612303.133	3.677
186	481730.539	4612292.308	3.602
187	481723.992	4612277.407	3.578
188	481749.166	4612308.104	3.849
189	481745.745	4612310.393	3.712
190	481745.984	4612311.162	3.682
191	481746.127	4612311.364	3.698
192	481749.677	4612319.633	3.818
193	481749.498	4612320.274	3.775
194	481750.195	4612319.785	3.852
195	481752.622	4612313.661	3.895
196	481752.532	4612315.128	4.039
197	481751.626	4612318.771	4.009
198	481744.803	4612305.799	3.943
199	481747.694	4612306.478	4.014
200	481743.322	4612303.156	3.937
201	481754.843	4612315.830	4.126
202	481750.889	4612321.987	3.975
203	481751.406	4612322.575	3.754
204	481751.521	4612322.859	3.705
206	481756.391	4612333.692	3.701
207	481759.650	4612341.815	3.774
208	481760.257	4612342.447	3.791
209	481764.017	4612349.057	3.735
210	481762.210	4612348.739	3.756
211	481759.655	4612342.717	3.757
212	481739.523	4612317.730	3.546
213	481746.890	4612330.099	3.701
214	481753.142	4612343.318	3.671
215	481758.247	4612354.882	3.668
216	481763.809	4612367.854	3.718
217	481766.631	4612361.834	3.787
218	481765.912	4612360.234	3.823
219	481767.910	4612359.398	4.446
220	481768.261	4612361.105	4.341
221	481765.484	4612352.292	3.783
222	481763.682	4612348.036	3.796
223	481762.439	4612344.051	3.798
226	481769.267	4612360.739	4.622
227	481770.014	4612363.940	4.760
228	481772.933	4612368.775	4.642

229	481772.133	4612369.419	4.624
230	481772.344	4612370.250	4.368
231	481773.017	4612369.960	4.635
232	481773.929	4612372.170	4.642
233	481773.319	4612372.415	4.366
234	481771.881	4612373.205	3.951
235	481770.690	4612370.775	3.933
236	481774.200	4612374.354	3.998
237	481775.809	4612376.082	4.436
238	481776.141	4612380.337	4.032
239	481776.696	4612380.052	4.436
240	481778.135	4612383.207	4.443
241	481777.596	4612383.494	4.000
242	481776.987	4612383.263	3.984
243	481778.333	4612383.855	4.075
244	481781.003	4612389.015	3.980
245	481782.902	4612393.005	4.067
246	481783.262	4612393.085	4.098
247	481785.024	4612396.362	4.052
248	481784.709	4612397.232	4.203
249	481785.133	4612398.223	4.057
250	481788.577	4612406.315	4.093
251	481789.102	4612407.528	4.196
252	481789.730	4612409.005	4.188
253	481788.392	4612408.946	4.023
254	481789.541	4612411.541	4.012
255	481791.148	4612412.295	4.074
256	481790.729	4612412.063	4.055
257	481767.969	4612377.112	3.803
258	481773.570	4612389.213	3.863
259	481775.718	4612395.661	3.885
260	481781.069	4612407.899	3.915
261	481783.820	4612413.819	3.900
262	481784.941	4612416.568	3.949
263	481793.462	4612418.665	3.965
264	481797.497	4612430.235	4.007
266	481799.273	4612435.002	3.988
268	481801.234	4612438.617	4.001
269	481801.685	4612440.095	4.022
270	481806.169	4612449.164	4.044
271	481808.217	4612451.667	4.044
272	481798.585	4612447.493	3.923
273	481797.869	4612445.231	3.845
274	481796.708	4612442.754	3.861
275	481790.614	4612429.295	3.916
276	481811.016	4612454.698	4.125
277	481829.544	4612519.510	4.289
278	481830.894	4612522.413	4.316
279	481831.484	4612523.963	4.341
280	481832.454	4612526.396	4.328
281	481834.325	4612531.077	4.358
282	481838.158	4612540.608	4.314
283	481840.777	4612535.791	4.385
284	481842.598	4612536.056	4.460
285	481843.575	4612536.721	4.611
286	481843.151	4612535.736	4.496
287	481842.604	4612534.567	4.612



288	481841.093	4612531.367	4.579
289	481840.922	4612531.101	4.438
290	481840.428	4612529.972	4.432
291	481839.537	4612528.132	4.396
292	481842.202	4612529.123	4.532
293	481843.387	4612530.071	4.935
295	481839.970	4612523.259	4.867
296	481838.142	4612524.157	4.633
297	481837.079	4612523.005	4.314
298	481840.793	4612519.768	4.672
299	481841.045	4612519.524	4.831
300	481837.813	4612513.042	4.749
301	481835.800	4612533.395	4.341
302	481842.778	4612537.054	4.422
303	481843.568	4612539.424	4.373
304	481846.648	4612547.489	4.311
305	481845.927	4612548.091	4.312
306	481849.580	4612550.792	4.311
307	481855.115	4612563.758	4.284
308	481853.251	4612562.336	4.319
309	481855.516	4612564.660	4.262
310	481853.753	4612571.701	4.142
311	481855.059	4612571.870	4.201
312	481855.877	4612570.903	4.212
313	481851.524	4612566.875	4.130
314	481851.132	4612568.457	4.105
315	481849.120	4612567.680	4.038
316	481849.314	4612568.317	4.048
317	481849.676	4612568.533	4.047
318	481849.444	4612569.549	4.037
319	481851.012	4612571.567	4.061
320	481851.532	4612573.616	4.060
321	481851.294	4612573.605	4.038
322	481851.596	4612574.213	4.025
323	481851.265	4612574.456	4.035
324	481850.424	4612574.014	4.078
325	481848.361	4612568.352	4.063
326	481848.884	4612567.426	4.043
327	481847.553	4612563.862	4.155
328	481844.600	4612556.232	4.197
329	481841.078	4612547.679	4.262
330	481844.529	4612539.012	4.617
331	481855.682	4612564.782	4.235
332	481860.151	4612562.287	4.308
333	481860.801	4612561.827	4.378
334	481861.602	4612562.032	4.427
335	481861.976	4612561.380	4.534
336	481863.113	4612560.510	4.556
337	481873.535	4612555.318	4.582
338	481871.243	4612554.906	4.739
339	481870.069	4612555.555	4.728
340	481859.668	4612561.423	4.533
341	481877.284	4612561.612	4.623
342	481870.458	4612565.453	4.499
343	481866.988	4612568.092	4.573
344	481861.622	4612570.437	4.377
345	481861.033	4612572.501	4.380

346	481864.666	4612570.449	4.546
347	481866.386	4612569.525	4.574
348	481866.739	4612569.318	4.569
349	481870.930	4612566.905	4.637
350	481878.282	4612562.755	4.755
351	481828.637	4612519.085	8.003
352	481853.161	4612579.249	4.143
353	481853.829	4612581.571	4.193
354	481854.728	4612581.598	4.192
355	481857.624	4612592.332	4.221
356	481860.780	4612601.282	4.119
357	481869.776	4612604.919	3.991
358	481869.315	4612603.921	4.000
359	481865.578	4612595.694	4.141
360	481862.961	4612589.904	4.203
361	481863.173	4612588.938	4.236
362	481864.579	4612591.759	4.307
363	481865.575	4612593.946	4.302
364	481866.889	4612596.775	4.292
365	481868.053	4612599.350	4.248
366	481869.916	4612603.381	4.220
367	481861.844	4612585.817	4.266
368	481858.801	4612579.145	4.236
369	481865.115	4612614.450	7.705
370	481863.416	4612607.659	4.128
371	481867.518	4612611.794	4.070
372	481869.218	4612620.677	4.117
373	481876.041	4612617.564	4.061
374	481886.566	4612612.852	4.031
375	481888.863	4612612.211	4.167
376	481890.310	4612613.281	4.255
377	481892.495	4612612.773	4.349
378	481894.294	4612612.765	4.436
379	481896.340	4612612.921	4.496
380	481897.427	4612610.099	4.419
381	481897.797	4612609.443	4.397
382	481898.304	4612609.066	4.400
383	481897.834	4612607.797	4.208
384	481903.955	4612605.508	4.391
385	481908.782	4612603.501	4.463
386	481916.545	4612599.403	4.457
387	481917.180	4612600.612	4.615
388	481896.380	4612609.710	4.346
389	481888.592	4612613.924	4.563
390	481887.234	4612614.357	4.258
391	481886.248	4612614.778	4.542
392	481883.622	4612615.768	4.173
393	481876.675	4612607.490	3.902
394	481873.377	4612606.276	3.884
395	481873.162	4612604.590	4.080
396	481870.220	4612603.490	4.095
397	481876.533	4612605.888	4.039
398	481880.984	4612603.862	4.083
399	481882.750	4612603.063	4.101
400	481883.700	4612599.836	5.214
401	481888.343	4612597.804	5.210
402	481891.404	4612599.212	4.230





403	481893.175	4612598.383	4.260
404	481894.366	4612597.883	4.286
405	481896.293	4612596.997	4.318
406	481890.230	4612596.450	4.999
407	481905.375	4612592.944	4.486
408	481909.062	4612592.969	4.394
409	481893.080	4612600.151	4.109
410	481881.146	4612622.631	4.261
411	481881.064	4612622.446	4.271
412	481881.351	4612622.028	4.512
413	481883.520	4612616.277	4.511
414	481885.309	4612621.085	4.761
415	481881.788	4612622.917	4.334
416	481881.219	4612624.985	4.376
417	481886.763	4612627.581	4.762
418	481879.963	4612629.998	4.377
419	481879.414	4612631.112	4.272
420	481879.183	4612633.239	4.280
421	481881.413	4612634.731	4.287
422	481877.853	4612626.440	4.304
423	481876.145	4612626.152	4.249
424	481875.634	4612637.855	4.226
425	481882.802	4612655.493	4.248
426	481886.299	4612647.678	4.362
427	481886.611	4612646.284	4.363
428	481894.101	4612664.606	4.359
429	481890.831	4612664.008	4.310
430	481887.609	4612667.484	4.233
431	481896.004	4612672.770	4.284
432	481895.966	4612669.215	4.303
433	481898.168	4612674.017	4.297
434	481898.248	4612677.925	4.290
435	481899.021	4612679.208	4.340
436	481899.802	4612680.209	4.359
437	481900.495	4612680.402	4.320
438	481900.882	4612680.267	4.333
439	481901.344	4612676.747	4.351
440	481901.478	4612678.108	4.348
441	481907.105	4612679.082	4.318
442	481904.114	4612683.675	4.328
443	481902.727	4612685.833	4.295
444	481905.174	4612691.916	4.388
445	481903.217	4612693.079	4.385
446	481905.460	4612698.562	4.447
447	481908.349	4612703.551	4.377
448	481911.802	4612709.817	4.380
449	481916.200	4612717.600	4.406
450	481920.734	4612725.558	4.370
451	481913.427	4612727.276	4.375
452	481917.154	4612727.416	4.304
453	481907.313	4612713.829	4.320
454	481902.182	4612702.987	4.301
455	481901.182	4612700.881	4.369
456	481898.770	4612695.236	4.230
457	481899.711	4612689.589	4.260
458	481894.042	4612683.346	4.210
459	481890.091	4612673.560	4.211

461	481876.720	4612643.250	7.773
463	481917.602	4612736.944	4.320
464	481913.783	4612737.815	4.449
465	481913.603	4612737.419	4.460
466	481911.226	4612732.053	4.431
467	481911.023	4612731.657	4.503
468	481914.160	4612729.180	4.330
469	481920.860	4612725.815	4.383
470	481923.743	4612724.793	4.408
471	481923.948	4612725.177	4.413
472	481926.891	4612730.722	4.409
473	481924.504	4612732.777	4.385
474	481924.770	4612733.101	4.367
475	481918.339	4612737.705	4.297
476	481926.695	4612730.333	4.377
477	481926.041	4612730.758	4.364
478	481917.346	4612736.533	4.244
479	481914.422	4612730.251	4.216
480	481925.542	4612735.159	4.389
481	481933.169	4612772.737	4.779
482	481929.305	4612763.179	4.585
483	481923.349	4612749.661	4.378
484	481918.589	4612738.701	4.323
485	481929.728	4612743.824	4.422
486	481934.636	4612753.947	4.450
487	481938.573	4612761.770	4.876
488	481938.706	4612762.277	4.873
489	481939.057	4612762.097	4.875
490	481938.770	4612763.260	4.850
491	481938.076	4612763.104	4.844
492	481937.051	4612763.259	4.699
493	481940.393	4612764.464	4.718
494	481941.007	4612765.554	4.711
495	481944.581	4612763.717	4.723
496	481941.519	4612762.395	4.864
497	481943.165	4612761.892	4.866
498	481945.283	4612760.924	4.880
499	481952.399	4612757.223	4.929
500	481953.286	4612758.530	4.912
501	481953.569	4612757.992	4.914
502	481954.020	4612758.820	4.773
503	481949.188	4612760.018	4.884
504	481944.738	4612762.321	4.861
505	481957.521	4612765.478	4.737
506	481958.799	4612765.667	4.712
507	481957.974	4612766.147	4.849
508	481958.518	4612767.292	4.856
509	481957.044	4612767.028	4.853
510	481956.501	4612767.798	4.857
511	481959.967	4612766.738	4.860
512	481952.451	4612770.633	4.880
513	481951.004	4612771.402	4.888
514	481952.752	4612769.240	4.869
515	481949.878	4612769.892	4.862
516	481948.100	4612770.319	4.730
517	481948.558	4612770.617	4.864
518	481944.524	4612772.173	4.730



519	481945.071	4612773.227	4.751
520	481943.154	4612777.872	4.710
521	481942.119	4612778.338	4.691
522	481943.890	4612782.389	4.705
523	481946.099	4612783.308	4.715
524	481946.515	4612781.369	4.882
525	481943.961	4612777.377	4.847
526	481944.763	4612775.597	4.869
527	481945.625	4612774.866	4.872
528	481946.070	4612774.286	4.883
529	481946.715	4612773.645	4.887
530	481948.449	4612785.791	4.876
531	481949.547	4612791.273	4.706
532	481952.998	4612791.818	4.904
533	481952.668	4612791.901	4.891
534	481952.422	4612794.985	4.909
535	481954.413	4612799.579	4.897
536	481955.480	4612804.979	4.729
537	481958.320	4612808.613	4.940
538	481960.315	4612813.218	4.924
539	481964.117	4612817.583	4.920
540	481961.785	4612819.492	4.742
541	481966.095	4612829.452	4.757
542	481958.098	4612803.487	4.901
543	481935.899	4612771.034	4.785
544	481930.763	4612766.103	4.692
545	481933.391	4612772.699	4.700
546	481933.957	4612776.135	4.702
547	481936.042	4612780.971	4.693
548	481937.795	4612785.040	4.697
549	481936.821	4612787.183	4.702
550	481935.108	4612786.169	4.861
551	481933.976	4612781.762	4.838
552	481931.784	4612778.442	4.866
553	481931.099	4612774.884	4.865
554	481929.413	4612776.176	4.877
555	481930.919	4612775.965	4.862
557	481928.614	4612775.647	4.879
558	481931.648	4612773.985	4.859
559	481937.027	4612790.588	4.846
560	481940.240	4612795.097	4.681
561	481940.994	4612799.790	4.864
562	481938.499	4612797.993	4.862
563	481943.000	4612804.384	4.857
564	481946.168	4612808.836	4.690
565	481946.898	4612813.405	4.923
566	481946.456	4612815.780	4.893
567	481946.428	4612816.909	4.907
568	481952.085	4612822.495	4.706
569	481952.778	4612827.018	4.903
570	481955.904	4612832.244	4.925
571	481955.918	4612831.355	4.755
572	481955.215	4612837.016	4.908
573	481937.863	4612797.090	4.863
574	481932.651	4612760.351	4.524
575	481923.777	4612740.332	4.349
576	481913.784	4612719.753	4.329

577	481903.744	4612699.888	4.298
578	481894.720	4612677.656	4.257
579	481886.549	4612656.700	4.263
580	481877.598	4612635.670	4.230
581	481872.154	4612620.593	4.052
582	481866.112	4612605.078	4.062
583	481859.257	4612587.722	4.186
584	481854.527	4612575.346	4.160
585	481951.432	4612807.307	4.814
587	481956.033	4612834.151	4.885
588	481958.079	4612836.397	4.729
589	481955.196	4612837.011	4.910
590	481956.813	4612840.653	4.906
591	481961.228	4612843.702	4.754
592	481959.613	4612844.854	4.917
593	481959.853	4612845.405	4.920
594	481960.757	4612845.504	4.911
595	481959.894	4612847.058	4.929
596	481961.378	4612851.052	4.962
597	481961.142	4612851.158	4.972
598	481961.864	4612847.667	4.932
599	481963.017	4612847.810	4.768
600	481965.292	4612848.722	4.765
601	481965.570	4612849.349	4.776
602	481966.757	4612852.112	4.780
603	481966.520	4612852.726	4.808
604	481965.790	4612852.550	4.790
605	481964.843	4612853.503	4.936
606	481964.085	4612857.483	4.802
607	481964.411	4612858.099	4.812
608	481961.258	4612859.847	4.790
609	481959.320	4612858.463	4.945
610	481960.201	4612856.896	4.971
611	481959.261	4612853.431	5.004
613	481958.896	4612850.187	4.994
614	481955.822	4612844.582	5.961
615	481963.394	4612850.029	4.933
616	481968.370	4612846.427	4.865
617	481975.720	4612848.823	4.961
618	481976.867	4612849.257	4.982
619	481981.883	4612848.671	4.881
620	481981.077	4612849.465	4.862
621	481977.905	4612851.195	4.875
622	481977.409	4612850.309	4.869
623	481976.375	4612850.438	4.865
624	481973.954	4612849.053	4.797
625	481972.914	4612850.002	4.837
626	481972.891	4612849.492	4.824
627	481971.425	4612846.105	4.772
628	481972.305	4612843.834	4.771
629	481973.294	4612845.000	4.925
630	481973.613	4612845.753	4.938
631	481975.092	4612845.193	4.965
632	481974.297	4612843.451	4.947
633	481972.515	4612841.368	4.957
634	481971.758	4612838.696	4.950
635	481970.517	4612836.770	4.954



636	481967.303	4612832.247	4.738
637	481969.265	4612829.389	4.922
638	481969.039	4612828.657	4.990
639	481970.027	4612826.438	5.048
642	481971.627	4612835.326	4.953
643	481972.111	4612835.507	5.016
644	481973.259	4612837.574	5.030
645	481972.909	4612838.173	4.967
646	481976.714	4612836.078	5.129
647	481976.298	4612837.530	5.078
650	481980.377	4612842.483	5.138
651	481975.712	4612844.773	4.990
652	481976.451	4612844.386	5.006
653	481974.884	4612848.867	4.954
654	481980.722	4612846.962	5.019
655	481982.060	4612846.030	5.019
656	481982.438	4612844.944	5.020
657	481981.624	4612848.039	4.894
658	481981.008	4612847.999	5.012
659	481963.987	4612868.283	4.722
660	481964.771	4612866.214	4.780
661	481965.617	4612867.849	4.913
662	481966.841	4612867.684	4.907
663	481967.457	4612867.815	4.915
664	481972.015	4612869.413	4.952
665	481972.708	4612869.417	4.924
666	481974.552	4612868.405	4.733
667	481974.880	4612868.023	4.783
668	481973.352	4612865.999	4.768
669	481972.083	4612866.096	4.898
670	481967.966	4612864.473	4.751
671	481969.065	4612864.071	4.735
672	481966.792	4612872.322	4.681
673	481979.880	4612864.108	4.767
674	481979.408	4612861.187	4.788
675	481981.474	4612858.233	4.810
676	481983.713	4612858.480	4.960
677	481984.067	4612858.648	4.964
678	481982.544	4612863.473	4.959
679	481981.956	4612863.653	4.941
680	481980.654	4612862.922	4.927
681	481985.547	4612856.065	4.850
682	481985.359	4612855.624	4.898
683	481986.086	4612856.405	4.952
684	481986.819	4612856.483	4.980
685	481984.802	4612857.570	4.959
686	481993.090	4612852.924	4.994
687	481994.604	4612852.124	5.030
688	481994.225	4612851.318	4.880
689	481990.095	4612843.384	4.891
690	481986.414	4612845.932	4.886
691	481972.924	4612859.453	4.891
692	481974.221	4612855.039	4.899
693	481975.692	4612855.155	4.920
696	482036.830	4612828.854	6.784
698	481971.121	4612864.338	4.890
699	481996.092	4612850.317	4.903

700	481997.697	4612850.912	5.079
701	482008.493	4612843.531	5.011
702	482009.685	4612844.590	5.140
703	482010.857	4612844.151	5.135
704	482013.617	4612844.997	5.176
705	482015.220	4612844.771	5.071
706	482013.430	4612843.872	5.007
707	482010.892	4612843.270	5.023
708	482020.517	4612839.498	5.054
709	482019.799	4612838.720	5.094
710	482020.224	4612838.207	5.067
711	482021.260	4612836.604	5.074
712	482021.165	4612837.270	5.183
713	482022.221	4612836.907	5.198
714	482021.532	4612838.169	5.191
715	482022.289	4612839.713	5.191
716	482029.285	4612832.185	5.131
717	482032.557	4612830.954	5.248
718	481992.650	4612839.301	5.128
719	481993.067	4612840.015	5.089
720	481992.690	4612838.705	5.147
721	481995.103	4612837.801	5.128
722	481996.371	4612837.255	5.137
723	482003.315	4612836.177	4.973
724	482008.890	4612830.452	5.203
725	482008.809	4612829.869	5.203
726	482012.142	4612828.562	5.192
727	482012.084	4612828.361	5.194
728	482011.451	4612831.228	5.137
729	482015.759	4612829.385	5.079
730	482016.684	4612828.466	5.173
731	482016.882	4612827.379	5.180
732	482019.939	4612826.490	5.191
733	482024.940	4612824.386	5.103
734	482026.647	4612823.499	5.119
735	482024.540	4612822.864	5.248
736	482020.869	4612823.270	5.202
737	482020.731	4612820.760	5.155
738	482023.551	4612819.887	5.209
739	482021.563	4612817.476	5.084
740	482021.307	4612817.149	5.087
741	482020.075	4612818.061	5.102
742	482023.984	4612815.075	5.294
743	482025.697	4612817.750	5.281
744	482026.479	4612816.906	5.269
745	482025.676	4612814.086	5.281
746	482026.150	4612813.632	5.160
747	482026.826	4612816.206	5.145
748	482026.918	4612820.189	5.126
749	482017.241	4612812.516	5.138
750	482014.211	4612807.361	5.160
751	482013.413	4612802.524	5.193
753	482018.707	4612807.453	5.218
754	482016.964	4612799.431	5.263
755	482018.677	4612801.062	5.281
756	482018.808	4612801.340	5.275
757	482020.743	4612803.842	5.269



758	482020.422	4612805.622	5.304
759	482021.528	4612806.614	5.288
760	482020.039	4612797.953	5.147
761	482023.129	4612805.899	5.146
762	482014.495	4612800.851	5.197
763	482013.428	4612798.872	5.174
765	482041.906	4612825.269	5.177
766	482042.144	4612826.696	5.297
767	482040.228	4612823.454	5.235
768	482036.309	4612820.490	5.243
769	482036.789	4612816.849	5.243
770	482033.283	4612819.197	5.215
771	482032.418	4612819.415	5.212
772	482031.602	4612816.615	5.213
773	482032.025	4612815.493	5.210
800	481971.118	4612864.345	4.889
801	481965.587	4612868.804	4.921
803	482021.735	4612814.856	5.183
805	482044.093	4612822.815	5.228
806	482046.541	4612824.092	5.320
807	482046.865	4612823.740	5.322
809	482054.125	4612818.555	5.222
810	482055.582	4612819.126	5.368
811	482055.412	4612819.207	5.360
812	482055.229	4612819.345	5.361
813	482054.878	4612819.379	5.362
814	482063.264	4612813.543	5.265
815	482064.229	4612814.395	5.412
816	482064.024	4612814.827	5.420
817	482067.793	4612812.245	5.392
818	482075.930	4612806.593	5.240
819	482074.705	4612797.057	5.181
820	482074.456	4612796.324	5.322
821	482064.418	4612800.981	5.389
822	482063.907	4612801.485	5.390
823	482066.643	4612803.947	5.258
824	482063.615	4612803.142	5.221
825	482054.251	4612808.297	5.228
826	482053.856	4612806.972	5.407
827	482052.430	4612808.095	5.375
828	482051.885	4612808.241	5.377
829	482045.638	4612811.936	5.277
830	482045.029	4612812.028	5.272
831	482044.533	4612811.923	5.273
832	482043.000	4612814.478	5.155
833	482042.808	4612813.525	5.249
834	482041.495	4612814.486	5.142
835	482038.706	4612813.234	5.156
836	482036.306	4612811.043	5.158
837	482034.990	4612808.855	5.157
838	482037.962	4612811.627	5.284
839	482040.983	4612811.119	5.319
841	482037.123	4612806.493	5.306
842	482035.197	4612802.960	5.295
843	482033.801	4612799.284	5.288
845	482031.160	4612799.065	5.140
846	482026.999	4612788.444	5.123

847	482026.941	4612781.392	5.248
848	482007.992	4612737.968	5.127
849	482007.342	4612786.213	5.171
850	482008.131	4612786.957	5.154
851	482013.434	4612796.339	5.153
852	482014.832	4612791.558	5.264
853	482036.815	4612828.880	5.277
854	482028.699	4612780.831	5.330
855	482029.312	4612782.316	5.330
856	482031.285	4612789.974	5.270
861	482029.131	4612784.987	5.303
862	482017.568	4612791.707	5.118
863	482016.651	4612791.888	5.257
864	482011.239	4612783.776	5.217
865	482022.973	4612776.958	5.225
866	482017.827	4612765.136	5.066
867	482019.760	4612762.982	5.213
868	482013.939	4612755.211	5.041
869	482016.580	4612749.993	5.302
870	482015.295	4612750.716	5.251
871	482009.350	4612743.469	5.018
872	482011.528	4612740.306	5.221
873	482008.376	4612735.586	5.133
874	482006.759	4612735.397	5.119
875	482007.975	4612733.080	5.172
876	482002.194	4612725.195	5.037
877	482001.206	4612737.026	5.089
878	482002.067	4612739.932	5.094
879	482011.647	4612783.568	5.215
880	482010.600	4612780.932	5.204
881	482010.191	4612781.130	5.204
882	482008.157	4612776.772	5.214
883	482008.589	4612775.751	5.250
884	482007.173	4612772.173	5.209
885	482005.642	4612770.406	5.197
886	482003.476	4612768.686	5.161
887	482004.926	4612765.834	5.194
888	482004.792	4612765.518	5.191
889	482003.169	4612763.138	5.200
890	482004.187	4612770.772	5.178
891	481999.316	4612766.159	5.188
892	482006.596	4612769.443	5.204
893	482008.110	4612770.148	5.202
894	482012.333	4612778.470	5.102
895	482007.163	4612765.205	5.069
896	482001.092	4612749.680	5.028
897	481997.999	4612753.967	5.235
898	482000.515	4612748.533	5.023
899	481999.709	4612749.082	5.144
900	481999.496	4612748.282	5.147
901	481998.695	4612746.775	5.026
902	481995.248	4612746.916	4.973
903	481992.058	4612748.326	4.945
904	481996.579	4612747.929	5.171
905	481997.739	4612748.165	5.183
906	481995.483	4612748.528	5.167
907	481997.681	4612746.659	5.139





908	482002.891	4612719.858	5.120	969	481970.263	4612673.449	4.954
909	481998.469	4612715.622	4.974	970	481975.247	4612650.632	4.858
910	481991.224	4612697.057	4.933	971	481974.740	4612655.335	4.817
911	481993.363	4612695.720	5.059	972	481976.855	4612654.949	4.954
912	481986.869	4612685.877	4.880	973	481979.498	4612667.396	4.846
913	481989.540	4612685.896	5.021	974	481984.744	4612677.487	4.997
914	481993.020	4612744.009	4.989	975	481985.157	4612678.649	4.995
915	481986.307	4612746.166	4.968	976	481985.898	4612677.463	5.013
916	481983.726	4612740.904	5.050	977	482010.979	4612731.628	5.299
917	481989.962	4612739.367	4.943	978	482120.142	4612676.285	4.925
918	481990.070	4612737.583	5.123	979	482007.988	4612737.958	5.106
919	481992.479	4612737.576	4.958	980	481983.258	4612674.972	4.960
920	481994.026	4612734.695	4.995	981	481974.418	4612652.572	4.810
921	481993.347	4612734.439	5.115	982	481974.825	4612653.084	4.940
922	481992.619	4612734.983	5.107	983	481975.820	4612651.069	4.940
923	481993.708	4612730.740	5.005	984	481976.210	4612650.643	4.990
924	481992.739	4612729.943	5.126	985	481963.716	4612662.980	4.810
925	481990.306	4612722.050	5.006	986	481961.005	4612655.478	4.800
926	481988.840	4612718.313	4.970	987	481964.458	4612663.169	4.770
927	481984.885	4612711.181	5.069	988	481966.999	4612669.665	4.960
928	481985.814	4612710.554	4.944	989	481969.068	4612674.866	4.966
929	481981.909	4612700.543	4.925	990	481971.004	4612679.872	4.976
930	481977.535	4612689.351	4.905	991	481973.031	4612684.998	5.010
931	481981.105	4612689.221	4.974	992	481960.809	4612653.690	4.774
932	481983.578	4612693.238	4.992	993	481961.798	4612651.344	4.762
933	481984.142	4612694.367	4.979	994	481961.495	4612648.783	4.766
934	481982.998	4612694.440	4.976	995	481960.916	4612648.113	4.885
935	481976.490	4612693.760	5.008	996	481960.096	4612648.144	4.883
936	481978.621	4612699.142	5.011	997	481960.126	4612646.431	4.885
940	481934.743	4612774.005	4.753	998	481959.963	4612651.573	4.902
941	481953.410	4612775.860	5.312	999	481954.846	4612654.634	4.853
942	481961.574	4612765.875	4.883	1000	481956.487	4612649.886	4.936
943	481965.367	4612763.924	4.913	1002	481958.022	4612646.908	4.898
944	481966.443	4612762.808	4.920	1004	481966.812	4612650.166	4.900
945	481970.409	4612761.292	4.954	1005	481969.100	4612641.074	4.808
946	481971.026	4612760.315	4.937	1006	481969.201	4612641.902	4.799
947	481975.468	4612757.993	4.976	1007	481972.917	4612642.529	4.793
948	481978.227	4612757.249	5.054	1008	481973.369	4612643.545	4.768
949	481980.680	4612755.978	5.046	1009	481976.689	4612642.154	4.750
950	481963.159	4612765.029	4.913	1010	481977.512	4612641.795	4.745
951	481982.765	4612753.497	4.980	1011	481976.955	4612641.684	4.883
952	481985.246	4612752.500	5.019	1012	481978.129	4612641.676	4.765
953	481987.995	4612751.492	5.038	1013	481978.686	4612640.495	4.767
954	481991.289	4612750.482	5.099	1014	481978.612	4612639.527	4.759
955	481986.705	4612751.137	4.891	1015	481980.432	4612635.838	4.939
956	481993.567	4612754.955	5.280	1016	481981.621	4612634.811	4.948
957	481975.091	4612757.192	4.807	1017	481985.567	4612634.303	4.934
958	481963.582	4612763.207	4.745	1018	481984.283	4612632.076	4.991
959	481954.819	4612757.695	4.794	1019	481986.240	4612630.963	5.011
960	481966.268	4612751.745	4.844	1020	481985.077	4612628.632	5.135
961	481976.698	4612746.316	4.894	1021	481988.309	4612628.187	4.940
962	481976.162	4612744.884	5.033	1022	481989.287	4612629.428	4.994
964	481962.431	4612655.430	4.855	1023	481995.620	4612625.659	5.071
965	481965.072	4612663.504	4.798	1024	481999.272	4612623.614	5.098
966	481966.783	4612664.293	4.806	1025	481999.705	4612623.552	5.107
967	481968.287	4612665.959	4.809	1026	482000.439	4612624.129	5.078
968	481971.440	4612674.016	4.848	1027	482001.192	4612623.733	5.079



1028	481999.377	4612626.551	5.030
1029	481998.582	4612627.533	5.015
1030	481997.524	4612628.420	5.004
1031	481996.458	4612629.527	4.838
1032	481987.447	4612634.551	4.788
1033	482006.952	4612623.615	4.899
1034	482015.461	4612618.847	4.939
1035	482017.200	4612616.539	5.108
1036	482016.052	4612615.342	5.147
1037	482016.796	4612614.911	5.140
1038	482020.495	4612616.569	4.990
1039	482022.288	4612620.979	5.066
1040	482019.593	4612624.580	5.036
1041	482007.787	4612631.579	5.008
1042	482007.669	4612626.539	4.954
1043	481995.885	4612638.692	4.938
1044	481984.337	4612645.415	4.866
1045	481980.766	4612645.308	4.825
1046	481974.125	4612637.922	4.950
1047	481972.304	4612637.937	4.940
1048	481970.012	4612636.441	4.926
1049	481968.856	4612638.189	4.912
1050	481979.137	4612629.658	5.052
1051	481971.996	4612633.151	5.002
1053	481957.800	4612639.473	4.770
1054	481956.136	4612640.701	4.900
1055	481954.379	4612637.825	4.896
1056	481963.031	4612641.393	4.874
1057	481963.003	4612640.483	4.876
1059	481969.735	4612631.246	4.985
1060	481965.667	4612632.516	4.786
1061	481965.900	4612631.992	4.902
1062	481965.578	4612631.127	4.906
1063	481962.305	4612624.639	4.752
1064	481966.379	4612625.098	4.951
1065	481958.846	4612616.907	4.745
1066	481961.136	4612615.894	4.882
1069	481954.336	4612607.193	4.720
1070	481955.081	4612632.968	4.759
1071	481954.261	4612637.258	4.895
1072	481950.392	4612622.331	4.752
1073	481949.854	4612622.251	4.871
1074	481949.565	4612622.887	4.904
1075	481947.761	4612622.358	4.909
1076	481943.463	4612612.154	4.858
1077	481944.691	4612610.101	4.753
1078	481937.703	4612597.381	4.824
1079	481937.431	4612595.800	4.711
1080	481942.492	4612583.257	4.820
1081	481942.100	4612582.529	4.810
1082	481944.157	4612582.517	4.845
1083	481941.520	4612578.514	4.856
1084	481942.156	4612578.165	4.848
1085	481942.347	4612579.155	4.850
1088	481942.294	4612589.679	4.754
1089	481942.028	4612591.547	4.770
1090	481943.717	4612581.058	4.843

1091	481945.405	4612584.177	4.843
1092	481949.507	4612591.907	4.852
1093	481953.439	4612599.599	4.862
1094	481953.377	4612600.418	4.856
1096	481953.667	4612605.158	4.844
1097	481949.431	4612597.281	4.706
1098	481945.438	4612589.629	4.722
1099	481938.686	4612577.142	4.675
1100	481935.377	4612579.366	4.762
1101	481936.051	4612595.059	4.833
1102	481933.819	4612594.187	4.848
1103	481935.141	4612593.191	4.748
1104	481933.092	4612592.643	4.705
1105	481930.774	4612593.016	4.652
1106	481925.757	4612596.209	4.776
1107	481924.905	4612597.149	4.788
1108	481919.550	4612598.068	4.512
1109	481920.833	4612598.511	4.660
1110	481918.644	4612599.815	4.641
1111	481909.095	4612603.744	4.506
1112	481903.835	4612605.140	4.301
1113	481898.211	4612609.143	4.423
1114	481897.492	4612609.925	4.428
1115	481896.458	4612610.008	4.387
1117	481905.337	4612593.008	4.510
1118	481907.193	4612592.093	4.528
1119	481909.143	4612591.295	4.554
1120	481911.278	4612590.371	4.571
1121	481910.850	4612590.799	4.563
1122	481911.007	4612589.260	4.645
1123	481914.240	4612587.820	4.638
1124	481916.409	4612586.045	4.960
1125	481917.373	4612587.582	4.654
1126	481917.091	4612588.456	4.646
1127	481917.499	4612587.989	4.654
1128	481916.222	4612589.791	4.525
1129	481923.522	4612586.159	4.740
1130	481926.355	4612585.257	4.644
1131	481928.036	4612583.499	4.687
1132	481928.710	4612580.867	4.721
1133	481928.230	4612578.849	4.667
1134	481923.048	4612585.035	4.751
1135	481925.139	4612578.367	4.793
1136	481922.251	4612573.426	4.790
1137	481921.774	4612572.571	4.790
1138	481921.123	4612571.511	4.789
1139	481921.983	4612584.169	4.951
1140	481923.794	4612578.428	4.951
1141	481920.179	4612574.687	4.963
1142	481920.138	4612573.634	4.877
1143	481920.621	4612572.436	4.810
1144	481921.161	4612573.820	4.937
1145	481924.990	4612573.124	4.639
1146	481915.561	4612567.621	4.774
1149	481918.484	4612574.128	4.919
1150	481919.588	4612564.069	4.618
1151	481914.752	4612556.449	4.592



1152	481914.749	4612561.326	4.770
1153	481922.208	4612568.375	4.636
1154	481919.274	4612558.552	4.682
1162	481940.129	4612574.921	4.838
1163	481940.382	4612574.408	4.839
1164	481938.937	4612572.373	4.811
1165	481934.861	4612565.315	4.767
1166	481936.226	4612564.336	4.827
1168	481930.261	4612550.959	4.771
1169	481927.018	4612552.438	4.744
1170	481926.491	4612551.592	4.749
1171	481923.022	4612548.977	4.739
1172	481921.873	4612549.180	4.602
1173	481926.353	4612556.123	4.598
1174	481927.169	4612556.590	4.727
1175	481931.910	4612565.295	4.631
1176	481936.893	4612573.918	4.697
1179	481920.933	4612544.192	4.718
1180	481921.185	4612543.552	4.730
1181	481918.872	4612539.803	4.725
1182	481917.583	4612539.935	4.693
1183	481918.778	4612538.469	4.746
1184	481919.064	4612539.245	4.743
1185	481917.116	4612537.484	4.711
1186	481920.112	4612536.548	4.822
1187	481917.155	4612538.335	4.702
1188	481916.197	4612540.647	4.565
1189	481910.438	4612532.303	4.554
1190	481910.287	4612531.399	4.669
1191	481904.211	4612523.650	4.522
1192	481905.462	4612520.978	4.646
1195	481908.419	4612545.455	4.658
1196	481910.021	4612549.222	4.593
1197	481910.085	4612550.095	4.721
1198	481910.683	4612550.964	4.706
1199	481908.396	4612551.141	4.746
1201	481902.546	4612549.978	4.739
1202	481902.805	4612548.443	4.721
1203	481902.412	4612547.468	4.581
1204	481903.325	4612547.002	4.597
1205	481904.720	4612546.632	4.598
1206	481908.919	4612547.942	4.598
1207	481905.822	4612539.813	4.633
1208	481903.983	4612543.807	4.641
1209	481901.162	4612544.799	4.637
1210	481896.014	4612542.198	4.728
1211	481896.745	4612542.246	4.599
1212	481898.964	4612540.150	4.567
1213	481899.950	4612538.455	4.509
1214	481900.191	4612535.768	4.540
1215	481899.139	4612533.533	4.540
1216	481902.544	4612549.981	4.736
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1218	481893.467	4612552.518	4.667
1219	481894.281	4612552.953	4.804
1220	481887.204	4612556.041	4.712
1221	481881.845	4612559.058	4.691

1222	481873.104	4612553.881	4.811
1223	481879.397	4612552.011	4.695
1224	481881.859	4612551.153	4.708
1225	481881.220	4612550.138	4.837
1226	481881.831	4612548.964	4.869
1227	481884.886	4612548.928	4.714
1228	481890.929	4612545.536	4.671
1229	481894.347	4612541.874	4.885
1230	481893.575	4612537.616	4.785
1231	481894.242	4612535.498	4.721
1232	481894.714	4612533.436	4.788
1233	481894.878	4612531.817	4.686
1234	481894.411	4612531.292	4.667
1235	481893.049	4612537.278	6.214
1236	481894.383	4612527.015	4.517
1237	481895.071	4612528.343	4.643
1238	481867.204	4612489.700	4.516
1239	481876.753	4612503.100	4.618
1240	481879.283	4612506.174	4.470
1241	481882.486	4612510.958	4.499
1242	481886.669	4612516.574	4.524
1243	481890.250	4612521.416	4.515
1244	481884.816	4612518.274	4.672
1245	481883.018	4612515.849	4.658
1246	481883.201	4612515.492	4.651
1247	481884.629	4612516.737	4.659
1248	481893.658	4612509.394	4.498
1249	481894.147	4612507.355	4.611
1251	481898.665	4612516.128	3.499
1255	482011.537	4612740.316	5.268
1256	482009.683	4612736.825	5.164
1257	482020.319	4612728.904	5.313
1258	482026.599	4612727.965	5.361
1259	482026.355	4612727.656	5.360
1260	482024.359	4612732.047	5.468
1261	482027.120	4612725.259	5.280
1262	482028.234	4612726.589	5.257
1263	482026.909	4612723.413	5.292
1264	482042.550	4612717.079	5.069
1265	482044.426	4612717.475	5.096
1266	482045.114	4612716.285	5.109
1267	482045.390	4612713.960	5.116
1268	482050.797	4612714.358	5.020
1269	482054.787	4612710.396	5.110
1270	482066.478	4612702.989	5.170
1271	482071.712	4612703.219	5.209
1273	482083.476	4612695.593	5.257
1274	482084.070	4612693.806	5.274
1275	482101.802	4612684.547	4.941
1276	482100.855	4612690.475	4.944
1277	482118.574	4612681.313	4.907
1278	482121.075	4612680.101	4.932
1279	482120.233	4612685.901	4.991
1280	482120.184	4612685.894	4.991
1281	482123.838	4612684.300	4.821
1282	482119.624	4612675.333	5.989
1283	482119.821	4612670.137	4.730



2001	481800.822	4612280.846	3.958	2058	481808.729	4612285.619	4.094
2002	481801.309	4612283.168	3.923	2059	481807.982	4612283.821	4.079
2003	481800.096	4612286.402	3.952	2060	481808.382	4612283.480	4.071
2004	481797.919	4612287.907	3.959	2061	481810.147	4612284.531	4.066
2005	481789.936	4612290.162	4.150	2062	481810.118	4612285.023	4.070
2006	481783.899	4612292.651	4.157	2063	481820.985	4612277.301	4.172
2007	481777.597	4612295.260	4.193	2064	481826.809	4612274.875	4.229
2008	481771.490	4612297.775	4.223	2065	481832.639	4612272.463	4.288
2009	481765.193	4612300.378	4.205	2066	481818.304	4612278.194	4.145
2010	481759.406	4612302.774	4.133	2067	481818.216	4612276.445	4.172
2011	481753.435	4612305.253	4.058	2068	481816.146	4612277.335	4.141
2012	481762.639	4612300.915	4.192	2069	481813.707	4612277.315	4.136
2013	481762.294	4612301.056	4.180	2070	481812.137	4612275.753	4.127
2014	481762.215	4612300.361	4.200	2071	481809.890	4612276.882	3.956
2015	481760.984	4612301.284	4.172	2072	481811.792	4612279.355	3.900
2016	481756.637	4612313.013	4.074	2073	481814.094	4612280.363	3.946
2017	481761.933	4612310.800	4.131	2074	481815.930	4612280.363	3.983
2018	481768.419	4612308.140	4.196	2075	481816.924	4612280.102	3.996
2019	481774.368	4612305.682	4.227	2076	481818.594	4612279.420	4.005
2020	481780.446	4612303.150	4.210	2077	481817.027	4612283.337	4.028
2021	481786.541	4612300.634	4.180	2078	481821.391	4612285.174	4.039
2022	481792.848	4612298.008	4.149	2079	481819.344	4612286.030	4.051
2023	481778.672	4612305.510	4.259	2080	481818.798	4612286.344	4.036
2024	481773.048	4612307.454	4.256	2081	481816.671	4612288.968	4.010
2025	481772.434	4612307.719	4.257	2082	481816.340	4612291.454	3.972
2026	481770.324	4612307.465	4.215	2083	481816.511	4612292.414	3.977
2027	481770.374	4612308.720	4.244	2084	481816.827	4612293.386	3.975
2028	481768.982	4612309.683	4.237	2085	481817.443	4612295.094	3.987
2029	481798.948	4612294.445	3.980	2086	481818.423	4612297.190	4.105
2030	481800.778	4612294.939	4.151	2087	481819.614	4612299.696	4.121
2031	481803.325	4612294.961	4.126	2088	481819.233	4612296.430	4.135
2032	481804.418	4612295.057	4.094	2089	481821.574	4612300.434	4.167
2033	481803.161	4612294.144	3.981	2090	481820.026	4612294.618	4.152
2034	481806.278	4612295.828	3.977	2091	481823.206	4612287.294	4.228
2035	481808.151	4612298.566	4.010	2092	481805.285	4612266.706	3.946
2036	481806.217	4612298.309	4.142	2093	481801.240	4612258.140	3.924
2037	481806.277	4612300.765	4.175	2094	481796.471	4612248.588	3.907
2038	481810.241	4612303.967	4.025	2095	481788.954	4612234.492	3.882
2039	481804.415	4612299.953	4.167	2096	481782.773	4612223.650	3.850
2040	481801.621	4612298.746	4.177	2097	481775.108	4612211.097	3.865
2041	481806.757	4612295.055	3.940	2098	481780.944	4612217.621	3.995
2042	481806.034	4612293.245	3.909	2099	481781.828	4612217.592	3.991
2043	481803.406	4612286.905	3.867	2100	481782.881	4612218.947	3.995
2044	481802.655	4612285.085	3.871	2101	481788.983	4612229.380	4.022
2045	481806.964	4612282.138	4.041	2102	481797.143	4612244.449	4.085
2046	481807.056	4612282.993	4.049	2103	481794.642	4612252.375	4.005
2047	481807.815	4612282.284	4.049	2104	481801.974	4612253.920	4.107
2048	481806.341	4612285.006	4.048	2105	481807.642	4612265.823	4.117
2049	481809.009	4612288.061	4.079	2106	481795.023	4612268.130	3.934
2050	481811.168	4612291.766	4.074	2107	481789.694	4612257.172	3.910
2051	481810.853	4612295.500	4.072	2108	481786.566	4612251.030	3.907
2052	481815.350	4612300.036	4.095	2109	481779.895	4612238.594	3.900
2053	481810.849	4612290.761	4.092	2110	481773.584	4612227.612	3.854
2054	481810.337	4612289.550	4.093	2111	481787.344	4612258.037	4.069
2055	481811.730	4612288.967	4.071	2112	481792.427	4612268.582	4.078
2056	481812.080	4612289.323	4.067	2113	481793.842	4612271.509	4.070
2057	481811.338	4612290.789	4.080	2114	481798.488	4612281.759	4.138





2115	481754.294	4612309.555	3.938	2172	481857.650	4612259.108	4.456
2116	481770.063	4612303.012	4.084	2173	481859.630	4612254.353	4.548
2117	481783.886	4612297.107	4.075	2174	481858.487	4612254.645	4.621
2118	481799.202	4612290.711	3.959	2175	481858.617	4612251.911	4.528
2119	481804.119	4612288.724	3.938	2176	481854.885	4612242.920	4.535
2120	481813.926	4612284.679	3.978	2177	481854.883	4612245.714	4.686
2121	481828.449	4612278.816	4.135	2178	481857.257	4612251.384	4.659
2122	481840.814	4612273.602	4.227	2179	481856.248	4612259.679	4.603
2123	481816.028	4612304.455	4.127	2180	481856.502	4612257.527	4.587
2124	481801.243	4612270.280	4.059	2181	481856.530	4612254.361	4.667
2125	481794.452	4612255.740	4.044	2182	481856.341	4612253.878	4.669
2126	481786.495	4612240.343	3.984	2183	481856.076	4612253.647	4.671
2127	481777.710	4612224.961	3.978	2184	481853.165	4612246.686	4.677
2128	481812.146	4612278.221	4.088	2185	481853.328	4612246.609	4.683
2129	481818.045	4612289.788	4.133	2186	481852.021	4612243.468	4.701
2130	481821.595	4612286.770	4.188	2187	481853.284	4612244.237	4.673
2131	481824.231	4612285.063	4.194	2188	481853.222	4612243.556	4.661
2132	481830.263	4612282.590	4.228	2189	481853.496	4612245.504	4.672
2133	481836.141	4612280.134	4.290	2190	481860.342	4612239.730	4.571
2134	481843.322	4612277.129	4.342	2191	481862.961	4612246.169	4.535
2135	481840.983	4612279.919	4.564	2192	481864.355	4612249.621	4.534
2136	481840.001	4612280.247	4.334	2193	481865.315	4612251.987	4.525
2137	481827.498	4612282.662	4.079	2194	481869.410	4612253.709	4.489
2138	481838.707	4612278.016	4.174	2195	481874.928	4612256.005	4.501
2139	481851.263	4612272.777	4.283	2196	481876.857	4612255.228	4.478
2140	481843.280	4612269.164	4.231	2197	481880.617	4612253.677	4.447
2141	481830.816	4612274.374	4.123	2198	481892.121	4612248.898	4.408
2142	481823.023	4612274.366	4.217	2199	481891.136	4612246.233	4.630
2143	481824.243	4612273.995	4.227	2200	481889.190	4612248.978	4.589
2144	481824.781	4612272.806	4.283	2201	481883.367	4612251.393	4.617
2145	481825.413	4612270.577	4.345	2202	481877.826	4612253.699	4.634
2146	481831.937	4612270.792	4.310	2203	481875.584	4612253.575	4.659
2147	481832.235	4612268.593	4.462	2204	481875.570	4612252.674	4.674
2148	481836.795	4612266.654	4.415	2205	481874.100	4612252.556	4.681
2149	481838.606	4612268.021	4.331	2206	481873.832	4612253.366	4.657
2150	481840.436	4612267.895	4.355	2207	481867.236	4612251.429	4.670
2151	481846.504	4612264.753	4.430	2208	481867.560	4612249.826	4.718
2152	481853.329	4612261.900	4.537	2209	481866.293	4612249.917	4.682
2153	481854.959	4612271.237	4.321	2210	481865.330	4612249.139	4.701
2154	481858.130	4612269.923	4.389	2211	481862.947	4612243.289	4.703
2155	481863.263	4612272.172	4.459	2212	481862.710	4612237.926	4.728
2156	481867.970	4612274.228	4.525	2213	481861.965	4612239.184	4.702
2157	481868.299	4612275.084	4.538	2214	481890.547	4612256.410	4.429
2158	481869.346	4612277.676	4.551	2215	481891.258	4612255.461	4.434
2159	481868.904	4612279.205	4.701	2216	481886.616	4612258.044	4.454
2160	481866.770	4612275.767	4.690	2217	481879.030	4612261.197	4.500
2161	481865.371	4612276.031	4.674	2218	481877.190	4612261.958	4.504
2162	481864.016	4612274.832	4.642	2219	481873.679	4612263.427	4.544
2163	481863.243	4612274.500	4.639	2220	481871.797	4612267.901	4.567
2164	481862.241	4612272.394	4.573	2221	481873.744	4612272.706	4.561
2165	481864.857	4612271.712	4.500	2222	481874.812	4612275.329	4.570
2166	481861.209	4612272.393	4.567	2223	481876.304	4612279.016	4.579
2167	481860.863	4612272.560	4.570	2224	481877.935	4612278.252	4.744
2168	481858.012	4612272.809	4.542	2225	481873.401	4612267.008	4.700
2169	481853.798	4612264.818	4.346	2226	481873.383	4612269.276	4.709
2170	481855.530	4612264.077	4.375	2227	481873.692	4612266.327	4.674
2171	481856.778	4612262.652	4.421	2228	481876.920	4612265.109	4.704



2229	481875.262	4612264.344	4.666
2230	481877.667	4612263.401	4.651
2231	481879.432	4612263.905	4.682
2232	481881.104	4612263.392	4.681
2233	481888.068	4612260.368	4.619
2234	481888.099	4612260.458	4.619
2235	481890.904	4612259.312	4.601
2236	481870.179	4612264.614	4.566
2237	481866.406	4612263.311	4.578
2238	481867.878	4612261.431	4.561
2239	481865.732	4612251.638	4.660
2240	481894.192	4612246.913	4.554
2241	481899.747	4612244.613	4.499
2242	481900.967	4612242.466	4.520
2243	481901.164	4612242.326	4.514
2244	481901.794	4612242.248	4.515
2245	481903.444	4612244.229	4.314
2246	481905.572	4612242.190	4.468
2247	481907.283	4612242.626	4.293
2248	481911.423	4612239.767	4.434
2249	481909.203	4612238.721	4.480
2250	481913.652	4612237.979	4.442
2251	481915.019	4612239.436	4.241
2252	481916.970	4612237.465	4.413
2253	481922.257	4612235.266	4.383
2254	481928.060	4612234.012	4.161
2255	481927.165	4612231.283	4.397
2256	481929.955	4612231.086	4.373
2257	481935.153	4612231.065	4.155
2258	481935.552	4612229.852	4.289
2259	481945.999	4612226.583	4.081
2260	481944.887	4612223.947	4.262
2261	481954.845	4612222.939	4.040
2262	481962.441	4612219.789	4.015
2263	481961.430	4612217.195	4.171
2264	481970.047	4612223.346	3.944
2265	481962.753	4612226.543	4.012
2266	481958.527	4612224.307	4.049
2267	481951.928	4612231.011	4.053
2268	481946.856	4612233.729	4.198
2269	481945.933	4612234.024	4.203
2270	481942.453	4612234.918	4.113
2271	481938.366	4612236.600	4.130
2272	481937.780	4612237.397	4.262
2273	481929.963	4612240.059	4.207
2274	481922.495	4612243.160	4.242
2275	481918.656	4612244.760	4.296
2276	481919.202	4612247.072	4.448
2277	481913.090	4612247.055	4.292
2278	481906.938	4612249.597	4.342
2279	481903.087	4612251.192	4.359
2280	481900.679	4612252.197	4.358
2281	481904.702	4612253.511	4.526
2282	481907.475	4612252.411	4.527
2283	481907.763	4612251.682	4.515
2284	481910.201	4612245.190	4.333
2285	481896.133	4612257.169	4.584

2286	481973.258	4612219.381	4.250
2287	481965.634	4612227.877	3.975
2288	481943.443	4612236.945	4.255
2289	481938.168	4612239.520	4.309
2290	481935.283	4612240.297	4.313
2291	481924.668	4612244.634	4.393
2292	481920.150	4612246.568	4.435
2293	481919.866	4612246.804	4.435
2294	481910.904	4612250.295	4.481
2295	481943.809	4612230.816	4.135
2296	481927.307	4612237.772	4.220
2297	481912.940	4612243.832	4.334
2298	481896.451	4612250.702	4.410
2299	481877.595	4612258.610	4.537
2300	481858.139	4612266.197	4.464
2301	481863.563	4612255.946	4.549
2302	481857.253	4612240.528	4.601
2303	481869.704	4612270.696	4.620
2304	481875.456	4612284.435	4.633
2305	481891.002	4612315.042	4.809 basel G4
2306	481829.794	4612182.279	4.563 basel G5
2307	481775.029	4612210.735	3.980 basel G2
2308	481865.300	4612268.806	4.549 basel G3
3305	481797.932	4612287.891	3.958
3306	481793.078	4612289.899	3.964
3307	481780.731	4612294.991	4.024
3308	481768.492	4612300.350	4.071
3309	481754.490	4612305.847	3.906
3310	481749.153	4612308.052	3.824
3311	481752.614	4612313.611	3.865
3312	481764.174	4612308.849	3.996
3313	481776.539	4612303.739	4.073
3314	481788.943	4612298.591	4.017
3315	481796.140	4612295.606	3.984
3316	481798.734	4612294.534	3.982
3317	481858.843	4612271.284	4.519
3318	481890.380	4612313.776	4.666
3319	481891.139	4612311.549	4.818
3320	481888.300	4612312.373	4.687
3321	481888.343	4612308.731	4.630
3322	481884.971	4612300.407	4.623
3323	481881.610	4612292.122	4.617
3324	481880.036	4612288.259	4.604
3325	481876.294	4612278.996	4.578
3326	481878.823	4612280.883	4.747
3327	481878.427	4612281.728	4.737
3328	481881.141	4612286.421	4.772
3329	481881.407	4612287.776	4.761
3330	481880.912	4612287.842	4.750
3331	481883.352	4612291.962	4.767
3332	481885.442	4612299.002	4.771
3333	481887.467	4612304.027	4.788
3334	481890.211	4612308.263	4.827
3335	481888.513	4612304.025	4.815
3336	481883.364	4612291.308	4.774
3337	481882.104	4612287.462	4.772
3338	481881.142	4612285.142	4.776



3339	481880.281	4612283.899	4.771
3340	481871.385	4612285.326	4.710
3341	481869.044	4612283.394	4.720
3342	481868.930	4612283.068	4.723
3343	481873.543	4612288.066	4.582
3344	481874.333	4612292.593	4.732
3345	481876.953	4612299.100	4.748
3346	481879.171	4612301.926	4.605
3347	481876.120	4612301.317	4.783
3348	481879.920	4612306.348	4.778
3349	481884.024	4612308.830	4.681
3350	481882.661	4612310.478	4.627
3351	481879.792	4612310.100	4.818
3352	481880.101	4612310.873	4.814
3353	481880.023	4612312.058	4.846
3354	481881.750	4612316.648	4.854
3355	481882.456	4612318.204	4.854
3356	481884.799	4612315.754	4.658
3357	481885.589	4612320.251	4.821
3358	481885.537	4612323.305	4.860
3359	481886.256	4612325.606	4.868
3360	481888.307	4612326.932	4.844
3361	481888.283	4612329.002	4.860
3362	481890.474	4612329.715	4.698
3363	481890.799	4612333.062	4.860
3364	481893.605	4612339.933	4.881
3365	481896.432	4612344.375	4.737
3366	481893.954	4612344.542	4.898
3367	481896.984	4612348.296	4.897
3368	481896.092	4612348.225	4.906
3369	481896.119	4612348.772	4.916
3370	481896.433	4612352.574	4.937
3371	481899.783	4612352.603	4.761
3372	481898.792	4612352.748	4.905
3373	481898.313	4612349.009	4.744
3374	481907.206	4612355.145	4.775
3375	481909.122	4612355.807	4.900
3376	481908.800	4612355.110	4.915
3377	481909.251	4612355.203	4.922
3378	481908.013	4612353.581	4.930
3379	481906.921	4612353.503	4.917
3380	481906.122	4612352.064	4.901
3381	481904.919	4612349.495	4.754
3382	481903.854	4612346.879	4.746
3383	481904.230	4612345.263	4.903
3384	481901.883	4612339.510	4.891
3385	481902.163	4612338.203	4.882
3386	481902.133	4612337.481	4.888
3387	481901.218	4612335.182	4.885
3388	481900.326	4612338.207	4.739
3389	481898.869	4612334.591	4.721
3390	481899.566	4612332.046	4.876
3391	481897.513	4612330.885	4.845
3392	481895.711	4612324.273	4.845
3393	481895.907	4612322.318	4.861
3394	481893.217	4612320.695	4.686
3395	481892.821	4612317.206	4.830

3396	481887.165	4612316.701	4.689
3397	481892.441	4612313.771	4.851
3398	481891.740	4612314.095	4.824
3399	481904.707	4612357.580	4.841
3400	481898.429	4612341.887	4.825
3401	481891.005	4612323.560	4.753
3402	481885.795	4612310.638	4.711
3403	481878.781	4612293.754	4.644
4001	482089.601	4612800.200	5.288 EST
4002	482036.817	4612828.882	5.265 l ec-s
4003	482090.188	4612802.454	5.128
4004	482087.906	4612803.687	5.145
4005	482087.401	4612804.676	5.163
4006	482084.031	4612805.560	5.138
4007	482082.656	4612803.847	5.214
4008	482080.320	4612804.179	5.225
4009	482082.104	4612804.918	5.360
4010	482073.753	4612809.518	5.388
4011	482067.284	4612813.054	5.399
4012	482065.152	4612814.215	5.400
4013	482063.281	4612813.536	5.257
4014	482060.945	4612809.639	5.329
4015	482066.663	4612803.965	5.245
4016	482064.502	4612802.673	5.206
4017	482064.166	4612801.539	5.378
4018	482064.483	4612800.968	5.382
4019	482064.567	4612800.860	5.453
4020	482074.721	4612797.074	5.168
4021	482074.220	4612796.255	5.318
4022	482081.475	4612798.427	5.305
4023	482089.523	4612794.012	5.307
4024	482081.558	4612793.279	5.133
4025	482081.074	4612792.271	5.291
4026	482081.596	4612791.789	5.303
4027	482081.989	4612791.644	5.291
4028	482081.994	4612791.304	5.414
4029	482092.266	4612787.447	5.107
4030	482095.580	4612783.817	5.404
4031	482096.304	4612783.496	5.212
4032	482099.746	4612781.686	5.209
4033	482100.006	4612781.934	5.202
4034	482100.547	4612782.939	5.080
4035	482101.606	4612784.733	5.154
4036	482104.925	4612785.609	5.205
4037	482102.362	4612780.950	5.198
4038	482103.013	4612779.912	5.320
4039	482103.858	4612779.863	5.230
4040	482104.197	4612779.566	5.228
4041	482105.198	4612780.420	5.056
4042	482107.693	4612777.433	5.359
4043	482107.772	4612777.626	5.198
4044	482108.304	4612777.527	5.191
4045	482108.533	4612778.585	5.053
4046	482112.457	4612775.406	5.148
4047	482113.031	4612774.534	5.255
4048	482117.040	4612772.914	5.084
4049	482117.736	4612772.322	5.102



4050	482120.785	4612771.919	4.839		4112	481972.522	4612331.881	4.582
4051	482122.296	4612776.241	5.088		4113	481975.380	4612330.800	4.551
4052	482124.857	4612772.345	5.016		4114	481981.290	4612328.289	4.460
4053	482123.000	4612769.576	5.088		4115	481984.159	4612328.195	4.266
4054	482122.092	4612769.687	5.250		4116	481984.599	4612327.379	4.406
4055	482126.728	4612768.696	4.953		4117	481985.297	4612327.087	4.374
4056	482128.412	4612766.874	5.090		4118	481985.497	4612329.892	4.299
4057	482133.578	4612764.350	5.057		4119	481996.048	4612323.019	4.217
4058	482134.370	4612763.620	5.072		4120	481996.621	4612322.440	4.230
4059	482132.897	4612763.799	5.265		4121	481999.905	4612322.185	4.082
4060	482143.917	4612759.313	4.896		4122	482000.178	4612328.391	4.076
4061	482143.399	4612759.521	5.001		4123	482000.283	4612321.385	4.200
4062	482142.010	4612758.842	5.298		4124	482006.391	4612322.694	4.133
4063	482139.392	4612766.496	5.043		4125	481999.554	4612329.610	4.229
4064	482139.711	4612771.873	4.941		4126	481995.944	4612330.008	4.115
4065	482138.607	4612774.129	5.058		4127	481982.038	4612335.360	4.345
4066	482131.712	4612777.852	5.100		4128	481968.030	4612340.724	4.512
4067	482129.693	4612778.961	5.114		4129	481959.766	4612343.867	4.546
4068	482126.622	4612778.983	4.985		4130	481954.034	4612346.052	4.570
4069	482128.424	4612779.723	5.114		4131	481943.307	4612350.170	4.620
4070	482123.943	4612782.160	5.139		4132	481943.535	4612351.041	4.770
4071	482121.530	4612783.451	5.142		4133	481941.851	4612351.743	4.870
4072	482118.551	4612783.379	5.035		4134	481940.109	4612351.382	4.622
4073	482113.705	4612787.662	5.184		4135	481926.227	4612356.688	4.682
4074	482112.658	4612788.252	5.254		4136	481924.473	4612357.352	4.691
4075	482111.317	4612788.780	5.186		4137	481924.370	4612358.472	4.860
4076	482104.511	4612790.998	5.091		4138	481920.699	4612359.886	4.855
4077	482103.102	4612793.461	5.231		4139	481919.925	4612359.102	4.687
4078	482098.408	4612796.088	5.263		4140	481912.128	4612362.086	4.739
4079	482094.610	4612796.389	5.125		4141	481911.906	4612363.284	4.907
4080	482090.364	4612798.703	5.136		4142	481910.184	4612363.967	4.915
4081	482090.794	4612800.134	5.298		4143	481909.550	4612363.402	4.896
4082	482045.554	4612818.142	5.289		4144	481907.569	4612363.835	4.763
4083	482027.941	4612827.942	5.202		4145	481900.911	4612366.377	4.709
4084	482012.395	4612836.248	5.143		4146	481903.304	4612366.638	4.877
4085	481994.013	4612845.972	5.018		4147	481901.565	4612367.672	4.673
4086	481979.310	4612854.730	4.946		4148	481897.284	4612367.763	4.670
4087	481971.140	4612864.373	4.881	LEC-EST	4149	481862.324	4612252.646	4.681
4088	482036.826	4612828.902	5.270		4198	481962.431	4612655.430	4.853
4090	481907.331	4612356.890	4.818	EST	4199	481940.391	4612578.896	4.843
4092	481844.302	4612388.468	4.323	LEC-EST	4200	482046.508	4612607.411	5.237
4096	481899.795	4612352.592	4.760		4203	481962.425	4612655.432	4.856
4097	481897.550	4612356.412	4.868		4204	482019.687	4612616.474	4.956
4098	481897.443	4612357.957	4.707		4205	482027.567	4612612.057	5.015
4099	481895.669	4612362.054	4.655		4206	482024.845	4612609.527	5.226
4100	481918.762	4612352.377	4.862		4207	482033.158	4612608.916	5.065
4101	481924.155	4612350.483	4.828		4208	482043.453	4612603.133	5.126
4102	481925.393	4612350.040	4.827		4209	482039.992	4612600.981	5.358
4103	481937.806	4612345.335	4.793		4210	482041.571	4612600.119	5.356
4104	481941.384	4612344.039	4.773		4211	482046.706	4612597.208	5.351
4105	481953.256	4612339.332	4.712		4212	482047.846	4612600.668	5.150
4106	481956.034	4612338.952	4.558		4213	482050.872	4612598.963	5.118
4107	481958.719	4612337.177	4.700		4214	482053.234	4612597.654	5.067
4108	481962.373	4612335.551	4.690		4215	482055.481	4612592.611	5.171
4109	481962.860	4612335.863	4.682		4216	482055.750	4612592.000	5.170
4110	481965.620	4612335.279	4.522		4217	482063.099	4612587.818	5.000
4111	481969.309	4612333.253	4.628		4218	482066.789	4612590.073	4.735





4219	482063.126	4612591.215	4.965	5052	482000.339	4612456.347	13.395
4220	482070.017	4612588.251	4.646	5053	482016.579	4612441.828	4.809
4221	482078.236	4612583.656	4.420	5054	482016.983	4612441.866	4.943
4222	482082.350	4612581.360	4.313	5055	482030.808	4612440.501	4.886
4223	482084.786	4612581.964	4.314	5056	482029.567	4612437.353	4.831
4224	482086.723	4612580.031	4.362 EST	5057	482029.893	4612436.609	4.681
4225	482088.198	4612584.537	4.344	5058	482031.719	4612435.321	4.803
4226	482076.572	4612591.308	4.688	5059	482031.166	4612435.046	4.690
4227	482064.273	4612598.466	4.996	5060	482032.069	4612434.674	4.680
4228	482061.766	4612597.630	4.976	5061	482035.241	4612433.440	4.662
4229	482057.863	4612597.938	5.030	5062	482027.615	4612420.050	10.978
4230	482050.693	4612606.414	5.222	5063	481985.521	4612461.028	5.252
4231	482041.307	4612611.992	5.215	5064	481984.226	4612461.520	5.253
4232	482028.343	4612619.684	5.117	5065	481980.491	4612462.973	5.332
4233	482022.290	4612621.005	5.066	5066	481979.205	4612463.471	5.327
5002	481943.319	4612125.442	4.584	5067	481975.494	4612464.902	5.263
5004	481944.622	4612123.802	4.579	5068	481935.662	4612471.886	5.004
5005	481958.590	4612162.808	4.608	5070	481971.415	4612450.213	5.017
5006	481960.728	4612189.282	4.669	5071	481970.832	4612448.653	5.179
5007	481962.712	4612188.576	4.653	5072	481970.576	4612449.667	5.178
5008	481967.023	4612202.430	4.531	5073	481958.012	4612455.456	5.011
5009	481972.019	4612209.742	4.347	5074	481953.569	4612457.192	5.027
5010	481968.318	4612215.216	4.295	5075	481953.547	4612455.360	5.180
5011	481974.130	4612226.789	3.933	5076	481947.084	4612457.907	5.167
5012	481962.342	4612229.785	4.173	5077	481948.700	4612459.094	5.004
5013	481971.077	4612233.835	4.088	5078	481944.258	4612460.842	4.978
5015	481998.365	4612318.964	4.204	5079	481867.220	4612489.629	4.475
5016	482037.053	4612424.213	4.635	5080	481826.699	4612508.044	4.102
5019	481973.260	4612219.408	4.252	5081	481944.408	4612458.923	5.149
5023	481982.576	4612236.692	4.004	5082	481937.561	4612461.593	5.116
5024	482037.269	4612427.348	4.632	5083	481937.387	4612461.135	4.793
5025	482061.770	4612493.111	4.397	5084	481938.864	4612462.942	4.962
5026	482115.885	4612624.984	4.414	5085	481931.980	4612465.630	4.918
5027	482131.510	4612669.657	4.909	5086	481932.089	4612463.785	5.088
5029	482034.995	4612422.346	4.567	5087	481953.675	4612457.841	5.037
5030	482033.205	4612426.002	4.605	5088	481958.287	4612468.352	5.216
5031	482032.885	4612424.333	4.750	5089	481958.180	4612471.608	5.270
5032	482028.766	4612429.437	4.694	5090	481954.477	4612473.047	5.324
5033	482027.056	4612428.411	4.667	5091	481952.606	4612473.759	5.330
5034	482026.602	4612428.394	4.810	5092	481948.905	4612475.206	5.260
5035	482011.143	4612434.649	4.827	5093	481947.408	4612475.768	5.256
5036	482009.509	4612433.518	5.010	5094	481943.705	4612477.226	5.328
5037	482010.476	4612440.413	4.911	5095	481942.194	4612477.783	5.103
5038	481998.960	4612438.997	5.064	5096	481941.348	4612475.552	5.189
5039	481994.211	4612441.284	4.942	5097	481936.857	4612477.308	5.131
5040	481993.619	4612439.730	5.087	5098	481937.013	4612477.462	5.097
5041	481997.496	4612445.595	5.001	5099	481948.707	4612468.411	4.981
5042	481958.277	4612468.359	5.229	5100	481940.719	4612471.531	4.952
5043	481962.287	4612463.098	5.025	5101	481936.208	4612473.302	4.929
5044	481964.973	4612458.195	5.105	5102	481935.152	4612473.692	4.915
5045	481973.500	4612462.601	5.226	5103	481931.013	4612479.836	5.096
5046	481987.396	4612453.268	4.965	5104	481925.122	4612481.746	5.068
5047	481990.318	4612459.173	5.246	5105	481928.437	4612476.335	4.866
5048	481993.139	4612458.049	7.861	5106	481925.750	4612477.363	4.890
5049	482000.838	4612454.141	5.151	5107	481922.222	4612474.635	4.918
5050	482001.494	4612452.020	5.111	5108	481921.055	4612468.137	5.040
5051	481997.930	4612449.169	4.909	5109	481923.031	4612469.140	4.866



5110	481917.538	4612471.299	4.816	5216	481877.986	4612493.979	4.446
5111	481915.351	4612470.404	4.930	5217	481874.755	4612492.218	4.467
5112	481913.183	4612466.182	4.862	5218	481868.462	4612498.840	4.428
5113	481911.762	4612472.057	4.907	5219	481869.752	4612498.585	4.402
5114	481914.136	4612468.567	4.911	5220	481869.521	4612499.994	4.608
5115	481909.057	4612474.583	3.744	5221	481874.293	4612502.917	4.611
5116	481908.539	4612472.874	4.876	5222	481875.410	4612502.099	4.591
5117	481909.830	4612471.799	4.913	5223	481876.583	4612501.955	4.449
5118	481900.566	4612475.380	4.790	5224	481873.335	4612499.205	4.460
5120	481894.409	4612480.913	4.649	5225	481867.016	4612495.405	4.482
5121	481893.523	4612482.917	4.514	5226	481865.790	4612491.825	4.472
5122	481885.977	4612485.936	4.419	5227	481865.367	4612490.779	4.479
5123	481880.022	4612485.917	4.408	5228	481867.251	4612485.764	4.421
5124	481885.030	4612483.689	4.525	5229	481868.233	4612485.212	4.419
5125	481891.381	4612481.133	4.633	5230	481866.067	4612481.196	4.426
5126	481895.843	4612479.739	4.524	5231	481864.299	4612480.549	4.403
5127	481893.939	4612478.770	4.703	5232	481860.408	4612472.140	4.395
5128	481924.742	4612482.329	5.080	5233	481855.969	4612461.935	4.353
5129	481919.335	4612484.438	5.009	5234	481853.338	4612455.066	4.314
5130	481917.521	4612484.318	4.954	5235	481852.202	4612451.488	4.292
5131	481917.471	4612485.183	4.960	5236	481849.160	4612450.214	4.440
5132	481920.400	4612480.294	4.934	5237	481851.008	4612456.509	4.501
5133	481923.444	4612478.268	4.826	5238	481849.618	4612457.198	4.542
5134	481916.613	4612483.910	4.943	5239	481852.843	4612459.706	4.500
5135	481910.886	4612484.969	4.851	5240	481853.711	4612465.260	4.563
5136	481906.047	4612486.848	4.819	5241	481853.967	4612467.984	4.601
5137	481906.049	4612486.962	4.820	5242	481857.594	4612456.273	4.415
5138	481889.133	4612491.746	4.435	5243	481859.448	4612456.031	4.434
5139	481895.258	4612489.299	4.531	5244	481861.015	4612456.906	4.426
5140	481901.671	4612486.818	4.593	5245	481861.047	4612459.569	4.421
5141	481902.132	4612488.366	4.758	5246	481865.108	4612473.978	4.448
5142	481912.251	4612482.649	4.711	5247	481861.262	4612476.057	4.535
5143	481874.741	4612492.217	4.466	5248	481860.228	4612477.845	4.579
5144	481862.612	4612493.129	4.517	5249	481860.900	4612479.509	4.587
5146	481903.858	4612469.597	9.197	5250	481858.070	4612479.591	4.636
5147	481943.107	4612480.102	7.683	5251	481857.879	4612481.980	4.676
5148	481965.079	4612445.050	9.570	5252	481854.580	4612477.524	4.654
5149	481963.084	4612440.001	16.996	5253	481855.378	4612475.193	4.612
5150	481954.917	4612443.226	14.297	5254	481854.827	4612473.871	4.615
5151	481953.961	4612440.823	14.122	5255	481866.243	4612487.169	4.565
5152	481952.881	4612441.265	13.928	5256	481859.725	4612485.778	4.655
5153	481924.531	4612460.338	9.838	5257	481861.159	4612488.894	4.641
5201	481893.921	4612489.804	4.516	5258	481860.859	4612491.630	4.649
5202	481892.004	4612491.848	4.634	5259	481858.883	4612492.095	4.680
5203	481889.121	4612491.738	4.433	5260	481857.319	4612491.037	4.698
5204	481889.682	4612493.260	4.598	5261	481859.166	4612504.221	4.686
5205	481888.947	4612492.584	4.569	5262	481856.017	4612505.532	4.714
5206	481886.273	4612494.250	4.395	5263	481854.583	4612506.083	4.790
5207	481887.224	4612495.577	4.561	5264	481854.775	4612505.678	4.714
5208	481886.584	4612499.280	4.433	5265	481854.308	4612506.216	4.723
5209	481888.090	4612500.131	4.555	5266	481850.535	4612506.904	4.699
5210	481889.727	4612502.271	4.566	5267	481849.977	4612507.675	4.728
5211	481893.474	4612504.789	4.595	5268	481849.591	4612508.151	4.819
5212	481891.598	4612504.928	4.574	5269	481837.713	4612512.990	4.592
5213	481879.724	4612497.119	4.471	5270	481850.946	4612501.213	4.594
5214	481878.827	4612495.878	4.459	5271	481881.543	4612486.491	4.397
5215	481878.939	4612494.399	4.446	5272	481883.755	4612481.511	4.528



5273	481883.890	4612480.796	5.071	5330	481837.019	4612495.207	4.606
5274	481881.138	4612481.758	4.527	5331	481833.695	4612496.235	4.290
5275	481878.197	4612480.568	4.523	5332	481834.003	4612497.154	4.296
5276	481876.585	4612478.076	4.530	5333	481831.215	4612497.802	4.207
5277	481875.938	4612474.885	5.022	5334	481831.237	4612496.589	4.192
5278	481873.603	4612470.922	4.512	5335	481848.318	4612492.596	4.764
5279	481871.839	4612466.442	4.498	5336	481850.415	4612491.944	4.739
5280	481872.393	4612466.264	4.527	5337	481857.505	4612483.367	4.704
5281	481870.553	4612464.314	4.473	5338	481856.863	4612479.326	4.638
5282	481867.169	4612457.504	4.480	5339	481852.148	4612470.303	4.656
5283	481865.344	4612452.529	4.501	5340	481847.757	4612459.774	4.519
5284	481864.452	4612449.784	4.482	5341	481843.993	4612460.002	4.507
5285	481863.579	4612454.119	4.338	5342	481820.971	4612473.154	4.125
5286	481867.602	4612463.885	4.319	5343	481819.268	4612472.369	4.157
5287	481865.045	4612462.345	4.397	5344	481844.299	4612388.470	4.323
5288	481871.661	4612472.895	4.368	5345	481844.300	4612388.473	4.324
5289	481873.967	4612472.311	4.506	5346	481844.299	4612388.472	4.224 S
5290	481873.999	4612472.916	4.509	5351	481841.395	4612411.958	4.275
5291	481874.061	4612474.253	4.512	5352	481838.412	4612400.574	4.240
5292	481874.410	4612474.630	4.511	5353	481836.327	4612392.638	4.196
5293	481874.547	4612478.858	4.391	5354	481834.114	4612394.287	4.361
5294	481876.222	4612481.913	4.381	5355	481832.539	4612388.186	4.321
5295	481879.140	4612485.314	4.403	5356	481834.493	4612385.659	4.196
5296	481894.328	4612495.559	11.902	5357	481830.537	4612380.562	4.290
5297	481896.611	4612500.018	10.416	5358	481829.716	4612377.420	4.458
5298	481895.450	4612500.594	10.298	5359	481829.686	4612377.145	4.347
5299	481899.899	4612509.500	10.348	5360	481825.946	4612362.773	4.316
5300	481903.279	4612513.410	11.546	5361	481824.212	4612361.850	4.432
5301	481860.642	4612509.991	9.565	5362	481824.130	4612355.922	4.259
5302	481866.537	4612505.752	8.748	5363	481824.571	4612356.392	4.296
5303	481870.202	4612503.955	9.304	5364	481827.642	4612359.622	4.140
5304	481873.543	4612507.615	10.230	5365	481825.675	4612360.703	4.307
5305	481847.120	4612443.258	4.452	5366	481828.726	4612367.400	4.280
5306	481844.847	4612435.065	4.453	5367	481830.481	4612370.427	4.170
5307	481843.497	4612429.950	4.455	5368	481830.856	4612380.011	4.282
5308	481849.222	4612422.046	4.372	5369	481833.318	4612381.291	4.184
5309	481853.682	4612419.705	4.293	5370	481831.863	4612383.886	4.315
5310	481854.873	4612424.309	4.300	5371	481840.036	4612393.209	4.309
5311	481859.226	4612432.086	4.462	5372	481838.628	4612387.542	4.317
5312	481859.734	4612432.653	4.456	5373	481838.708	4612381.446	4.305
5313	481861.178	4612439.514	4.433	5374	481841.031	4612385.308	4.334
5314	481852.765	4612441.091	4.387	5375	481841.570	4612386.630	4.325
5315	481841.160	4612420.940	4.417	5376	481846.856	4612384.979	4.282
5316	481841.884	4612423.727	4.393	5377	481850.108	4612382.780	4.276
5317	481842.418	4612425.793	4.438	5378	481859.361	4612441.012	4.314
5318	481839.639	4612414.858	4.431	5379	481861.481	4612439.258	4.456
5319	481836.656	4612403.890	4.380	5380	481864.206	4612437.754	4.491
5320	481835.617	4612399.753	4.388	5381	481859.326	4612431.200	4.472
5321	481835.230	4612398.293	4.365	5382	481857.771	4612425.224	4.449
5322	481844.349	4612423.226	4.299	5383	481856.832	4612421.674	4.438
5323	481847.595	4612435.529	4.302	5384	481856.169	4612419.130	4.432
5324	481849.492	4612442.436	4.291	5385	481854.843	4612414.010	4.411
5325	481851.984	4612484.582	4.706	5386	481853.281	4612408.048	4.394
5326	481847.304	4612481.275	4.667	5387	481851.704	4612402.079	4.395
5327	481846.219	4612480.423	4.672	5388	481849.365	4612393.155	4.377
5328	481844.649	4612481.973	4.582	5389	481850.502	4612391.271	4.396
5329	481839.689	4612490.931	4.630	5390	481848.388	4612389.523	4.357



5391	481847.537	4612390.482	4.332	5448	481832.208	4612357.346	4.247
5392	481847.242	4612391.792	4.355	5449	481861.888	4612374.957	4.378
5393	481846.741	4612393.274	4.245	5450	481868.055	4612372.582	4.422
5394	481847.108	4612394.666	4.255	5451	481871.921	4612371.108	4.459
5395	481850.781	4612408.620	4.269	5452	481873.870	4612371.463	4.490
5396	481846.174	4612410.408	4.375	5453	481875.925	4612369.574	4.496
5397	481847.093	4612390.164	4.196	5454	481872.577	4612367.572	4.671
5398	481848.818	4612386.286	4.285	5455	481874.910	4612366.995	4.674
5399	481854.042	4612386.064	4.463	5456	481883.045	4612366.858	4.561
5400	481853.552	4612384.487	4.309	5457	481886.723	4612365.454	4.590
5401	481859.160	4612382.338	4.350	5458	481890.546	4612364.002	4.631
5402	481859.284	4612383.835	4.476	5459	481892.714	4612363.183	4.645
5403	481867.900	4612379.001	4.424	5460	481895.673	4612362.056	4.657
5404	481868.868	4612380.196	4.587	5461	481896.485	4612360.186	4.691
5405	481857.828	4612376.509	4.346	5462	481897.453	4612357.955	4.713
5406	481854.204	4612377.898	4.316	5463	481897.546	4612356.423	4.869
5407	481850.860	4612379.178	4.299	5464	481893.372	4612359.610	4.865
5408	481849.088	4612378.288	4.278	5465	481893.930	4612361.328	4.819
5409	481850.983	4612375.828	4.493	5466	481904.787	4612357.542	4.841
5410	481848.488	4612375.590	4.451	5467	481906.658	4612359.546	4.786
5411	481847.087	4612376.028	4.416	5468	481905.609	4612362.500	4.800
5412	481841.844	4612374.596	4.211	5469	481907.589	4612354.763	4.918
5413	481842.497	4612374.114	4.341	5470	481907.026	4612353.251	4.922
5414	481843.643	4612374.565	4.360	5471	481906.292	4612352.855	4.764
5415	481844.220	4612373.558	4.383	5472	481907.216	4612355.157	4.778
5416	481842.877	4612368.595	4.360	5473	481909.673	4612356.697	4.752
5417	481840.517	4612369.555	4.204	5474	481909.823	4612355.544	4.908
5418	481836.022	4612365.513	4.267	5475	481909.252	4612355.231	4.925
5419	481841.610	4612363.754	4.330	5476	481917.429	4612353.716	4.703
5420	481839.714	4612356.324	4.298	5477	481924.299	4612351.071	4.681
5421	481837.073	4612356.369	4.131	5478	481926.861	4612349.088	4.826
5422	481832.751	4612349.818	4.214	5479	481937.887	4612345.887	4.651
5423	481833.920	4612344.558	4.127	5480	481940.393	4612343.902	4.776
5424	481836.487	4612344.379	4.298	5481	481947.192	4612343.970	4.625
5425	481834.240	4612336.559	4.277	5482	481948.337	4612341.886	4.592
5426	481833.160	4612337.091	4.241	5483	481950.932	4612339.934	4.229
5427	481831.231	4612335.155	4.090	5484	481914.157	4612353.950	4.886
5428	481832.530	4612330.806	4.258	5485	481911.229	4612354.977	4.893
5429	481828.556	4612326.422	4.087	5486	481897.261	4612367.770	4.674
5430	481828.850	4612319.234	4.243	5487	481894.598	4612368.786	4.634
5431	481825.686	4612309.979	4.223	5488	481889.694	4612370.668	4.595
5432	481822.340	4612300.919	4.184	5489	481890.438	4612371.660	4.750
5433	481821.624	4612298.963	4.175	5490	481881.278	4612373.896	4.535
5434	481825.296	4612337.650	4.183	5491	481867.869	4612379.018	4.420
5435	481812.762	4612310.835	4.049	5492	481866.534	4612376.359	4.498
5436	481817.256	4612308.872	4.149	5493	481907.331	4612356.890	4.821
5437	481817.798	4612325.558	4.085	5494	481800.892	4612284.567	4.083
5438	481815.313	4612326.186	4.271	5495	481844.299	4612388.472	4.324
5439	481818.361	4612335.917	4.250	6405	481851.190	4612241.446	4.698
5440	481820.783	4612334.973	4.096	6406	481853.155	4612242.571	4.661
5441	481821.315	4612336.759	4.098	6407	481852.998	4612241.121	4.658
5442	481819.073	4612338.171	4.246	6408	481852.510	4612240.067	4.653
5443	481819.738	4612340.223	4.253	6409	481851.280	4612236.956	4.680
5444	481823.085	4612342.815	4.113	6410	481851.115	4612233.814	4.507
5445	481825.415	4612351.189	4.136	6411	481847.931	4612233.593	4.749
5446	481823.199	4612352.381	4.242	6412	481846.214	4612229.324	4.740
5447	481826.742	4612356.160	4.140	6413	481847.353	4612227.380	4.685





6414	481848.348	4612227.061	4.553	6471	481839.194	4612180.213	4.659
6415	481852.720	4612228.237	4.622	6472	481836.228	4612179.174	4.645
6416	481845.102	4612221.939	4.705	6473	481839.676	4612176.904	4.607
6417	481845.148	4612219.274	4.550	6474	481842.710	4612175.043	4.563
6418	481842.578	4612215.823	4.677	6475	481843.451	4612176.161	4.588
6419	481840.961	4612215.398	4.712	6476	481847.034	4612173.496	4.562
6420	481842.522	4612213.000	4.568	6477	481850.049	4612171.565	4.534
6421	481840.622	4612208.332	4.572	6478	481854.409	4612170.084	4.537
6422	481838.396	4612206.963	4.629	6479	481857.126	4612167.156	4.484
6423	481838.498	4612203.180	4.570	6480	481858.043	4612169.367	4.523
6424	481834.993	4612194.678	4.552	6481	481855.391	4612163.659	4.614
6425	481834.796	4612199.120	4.611	6482	481845.600	4612172.508	4.539
6426	481831.021	4612185.020	4.528	6483	481843.945	4612168.967	4.645
6427	481827.897	4612177.565	4.544	6484	481837.095	4612176.449	4.592
6428	481827.332	4612176.168	4.622	6485	481828.677	4612176.074	4.594
6429	481828.349	4612176.587	4.566	6486	481827.731	4612184.670	4.618
6430	481831.722	4612178.411	4.528	6487	481825.939	4612184.345	4.604
6431	481835.889	4612179.677	4.540	6488	481827.310	4612183.552	4.661
6432	481838.202	4612182.579	4.658	6489	481826.680	4612182.394	4.645
6433	481838.844	4612186.982	4.549	6490	481824.909	4612178.170	4.625
6434	481840.389	4612190.744	4.583	6491	481819.644	4612179.073	4.652
6435	481842.901	4612191.103	4.690	6492	481812.648	4612182.137	4.630
6436	481844.211	4612192.494	4.661	6493	481822.794	4612184.135	4.624
6437	481843.638	4612193.335	4.675	6494	481861.763	4612166.654	4.525
6438	481843.912	4612193.879	4.687	6495	481864.894	4612164.695	4.533
6439	481844.589	4612194.156	4.686	6496	481865.827	4612163.112	4.518
6440	481843.984	4612196.773	4.688	6497	481864.973	4612159.196	4.602
6441	481844.439	4612200.678	4.601	6498	481872.109	4612162.517	4.585
6442	481846.500	4612202.900	4.731	6499	481877.422	4612160.378	4.595
6443	481846.157	4612204.914	4.583	6500	481878.121	4612159.047	4.572
6444	481848.414	4612207.651	4.707	6501	481881.989	4612156.826	4.543
6445	481848.720	4612205.198	4.699	6502	481882.995	4612155.139	4.516
6446	481849.538	4612208.075	4.711	6503	481881.021	4612151.734	4.587
6447	481848.436	4612210.521	4.602	6504	481886.304	4612155.250	4.548
6448	481850.113	4612211.818	4.758	6505	481889.320	4612153.390	4.540
6449	481852.613	4612217.950	4.705	6506	481888.893	4612152.387	4.503
6450	481853.058	4612214.237	4.744	6507	481893.659	4612151.819	4.554
6451	481855.158	4612219.453	4.744	6508	481894.583	4612149.737	4.510
6452	481853.169	4612222.114	4.573	6509	481893.002	4612146.166	4.580
6453	481855.353	4612224.624	4.727	6510	481896.654	4612149.982	4.536
6454	481854.634	4612225.717	4.583	6511	481899.994	4612149.881	4.570
6455	481856.415	4612230.084	4.591	6512	481901.051	4612146.724	4.511
6456	481857.871	4612233.668	4.568	6513	481907.843	4612143.576	4.489
6457	481858.883	4612236.136	4.566	6514	481914.823	4612140.340	4.486
6458	481861.485	4612236.117	4.719	6515	481921.698	4612137.167	4.515
6459	481859.687	4612231.319	4.727	6516	481919.323	4612139.418	4.547
6460	481854.773	4612234.398	4.603	6517	481918.285	4612141.363	4.579
6461	481848.248	4612219.013	4.623	6518	481911.428	4612143.116	4.525
6462	481842.039	4612203.614	4.612	6519	481909.434	4612145.843	4.579
6463	481834.654	4612185.729	4.605	6520	481904.046	4612146.592	4.536
6464	481829.675	4612190.099	4.736	6521	481903.968	4612148.358	4.579
6465	481830.311	4612191.560	4.733	6522	481902.805	4612149.238	4.580
6466	481834.146	4612200.523	4.761	6523	481915.309	4612143.453	4.578
6467	481834.804	4612202.110	4.753	6524	481913.181	4612136.775	4.589
6468	481838.408	4612210.807	4.673	6525	481926.727	4612135.988	4.565
6469	481839.353	4612213.163	4.652	6526	481926.106	4612137.444	4.590
6470	481841.505	4612185.907	4.658	6527	481929.524	4612134.126	4.572



6528	481931.684	4612135.887	4.615
6529	481932.505	4612133.435	4.613
6530	481937.463	4612132.854	4.645
6531	481935.068	4612129.711	4.633
6532	481935.043	4612126.076	4.658
6533	481943.316	4612125.403	4.587
6534	481820.733	4612184.341	4.673
6535	481811.749	4612188.440	4.605
6536	481809.957	4612190.014	4.592
6537	481808.307	4612190.812	4.495
6538	481804.474	4612192.650	4.514
6539	481802.786	4612193.479	4.498
6540	481804.571	4612186.108	4.491
6541	481808.514	4612190.366	4.526
6542	481798.946	4612195.205	4.395
6543	481793.728	4612197.639	4.315
6544	481792.785	4612196.521	4.299
6545	481783.651	4612202.355	4.228
6546	481782.244	4612202.111	4.169
6547	481783.546	4612202.666	4.252
6548	481778.787	4612204.925	4.049
6549	481774.994	4612206.442	3.852
6550	481775.677	4612205.396	3.965
6551	481773.883	4612202.097	4.134
6552	481776.138	4612202.906	4.035
6553	481786.887	4612197.796	4.354
6554	481799.435	4612191.688	4.383
6555	481813.775	4612184.862	4.681
6556	481824.592	4612180.498	4.639
6557	481791.336	4612198.940	4.301
6558	481777.896	4612200.576	4.196
6559	481793.181	4612192.844	4.359
6560	481778.053	4612211.054	3.979
6561	481776.800	4612208.023	4.020
6562	481774.485	4612208.965	3.848
6563	481775.112	4612211.155	3.855
6564	481775.028	4612210.787	3.972
6565	481775.612	4612206.806	3.945
6566	481772.420	4612202.329	3.920
6567	481772.774	4612202.108	3.945
6568	481769.264	4612197.785	3.805
6569	481766.859	4612197.257	3.794
6570	481764.846	4612195.411	3.801
6571	481767.831	4612195.788	3.916
6572	481762.124	4612191.404	3.775
6573	481763.739	4612189.250	3.894
6574	481753.618	4612196.507	3.786
6575	481750.922	4612197.461	3.949
6576	481753.586	4612201.107	3.935
6577	481754.955	4612201.110	3.921
6578	481755.809	4612204.462	3.925
6579	481760.384	4612206.651	3.793
6580	481767.219	4612217.289	3.836
6581	481773.592	4612227.673	3.845
6582	481771.118	4612228.679	3.998
6583	481767.156	4612222.166	3.988
6584	481774.997	4612234.208	3.998

6585	481776.446	4612237.775	4.011
6586	481780.916	4612240.493	3.884
6587	481786.574	4612251.092	3.896
6588	481785.238	4612252.115	4.035
6589	481780.513	4612243.348	4.022
6590	481770.235	4612210.296	3.945
6591	481768.348	4612208.705	3.951
6592	481771.984	4612215.443	3.961
6593	481762.183	4612200.700	3.950
6594	481726.232	4612161.777	3.827
6595	481725.746	4612162.702	3.845
6596	481730.297	4612166.727	3.826
6597	481731.252	4612166.243	3.701
6598	481732.542	4612170.864	3.849
6599	481729.197	4612170.079	3.888
6600	481733.089	4612173.270	3.861
6601	481736.855	4612178.350	3.866
6602	481738.976	4612176.581	3.715
6603	481746.666	4612186.884	3.746
6604	481745.308	4612189.051	3.908
6605	481745.868	4612189.392	3.904
6606	481745.415	4612189.806	3.922
6607	481747.898	4612193.180	3.950
6608	481749.999	4612196.184	3.960
6609	481757.346	4612184.664	3.770
6610	481759.137	4612182.883	3.907
6611	481757.013	4612180.892	3.880
6612	481753.800	4612179.806	3.741
6613	481746.840	4612170.474	3.701
6614	481746.461	4612166.825	3.834
6615	481746.039	4612165.241	3.838
6616	481742.320	4612162.802	3.818
6617	481740.374	4612161.831	3.704
6618	481731.677	4612150.238	3.665
6619	481731.288	4612146.516	3.772
6620	481731.081	4612146.021	3.773
6621	481730.994	4612145.270	3.763
6622	481730.823	4612145.298	3.663
6623	481730.690	4612147.935	3.659
6624	481727.586	4612140.905	3.767
6625	481727.575	4612140.976	3.642
6626	481724.554	4612136.731	3.629
6627	481721.910	4612136.163	3.640
6628	481719.985	4612134.361	3.649
6629	481723.688	4612135.388	3.767
6630	481712.901	4612141.502	3.651
6631	481713.655	4612144.239	3.653
6632	481712.773	4612147.041	3.675
6633	481711.608	4612148.308	3.739
6634	481713.113	4612146.161	3.750
6635	481716.546	4612149.658	3.727
6636	481708.625	4612157.457	3.714
6637	481698.983	4612167.175	3.720
6638	481696.200	4612164.853	3.744
6639	481704.394	4612155.841	3.744
6640	481709.786	4612149.786	3.706
6641	481712.621	4612146.521	3.798



6642	481719.495	4612145.348	3.771
6643	481726.056	4612151.676	3.763
6644	481730.488	4612157.837	3.794
6645	481725.729	4612161.074	3.821
6646	481724.523	4612159.772	3.818
6647	481723.003	4612157.984	3.810
6648	481727.298	4612160.942	3.697
6649	481724.651	4612158.181	3.677
6650	481720.584	4612156.536	3.669
6651	481720.043	4612157.184	3.819
6652	481716.073	4612156.801	3.702
6653	481711.541	4612159.556	3.701
6654	481713.355	4612159.710	3.858
6655	481708.193	4612162.855	3.697
6656	481708.066	4612165.505	3.638
6657	481705.056	4612165.994	3.648
6658	481709.377	4612162.750	3.853
6659	481711.572	4612165.505	3.888
6660	481713.719	4612158.568	3.857
6661	481715.261	4612157.745	3.843
6662	481715.667	4612158.218	3.840
6663	481716.311	4612158.534	3.845
6664	481716.946	4612158.027	3.845
6665	481715.336	4612158.736	3.842
6666	481714.587	4612159.306	3.862
6667	481723.096	4612167.678	3.954
6668	481716.988	4612167.346	3.925
6669	481712.201	4612168.348	3.893
6670	481706.808	4612171.239	3.823
6671	481750.787	4612184.318	3.903
6672	481740.704	4612170.580	3.825
6673	481728.973	4612154.970	3.770
6674	481718.208	4612140.589	3.769
6675	481709.976	4612127.972	3.721
6676	481701.126	4612110.422	3.672
6677	481695.334	4612094.164	3.660
6678	481691.268	4612077.121	3.640
6679	481743.941	4612161.767	6.157
6680	481710.819	4612142.632	3.779
6681	481709.555	4612141.187	3.787
6682	481708.418	4612136.118	3.755
6683	481708.805	4612135.472	3.626
6684	481704.534	4612128.300	3.615
6685	481700.407	4612120.565	3.596
6686	481697.418	4612114.131	3.581
6687	481695.070	4612108.483	3.567
6688	481696.192	4612106.806	3.626
6689	481692.706	4612109.276	3.706
6690	481689.642	4612100.857	3.697
6691	481688.958	4612098.797	3.638
6692	481691.719	4612099.074	3.549
6693	481689.497	4612091.426	3.595
6694	481688.035	4612085.532	3.530
6695	481686.663	4612078.786	3.504
6696	481696.336	4612117.876	3.723
6697	481701.430	4612127.996	3.769
6698	481702.555	4612129.044	3.760

6699	481705.635	4612135.197	3.761
6700	481685.860	4612087.234	3.681
6701	481685.146	4612082.289	3.659
6702	481684.048	4612078.433	3.657
6703	481685.542	4612071.757	3.494
6704	481684.899	4612065.524	3.503
6705	481684.603	4612060.509	3.538
6706	481684.264	4612049.147	3.463
6707	481684.698	4612038.409	3.438
6708	481685.421	4612029.450	3.425
6709	481683.131	4612026.340	3.551
6710	481682.712	4612036.015	3.578
6711	481682.336	4612037.249	3.583
6712	481681.705	4612049.679	3.611
6713	481682.104	4612060.616	3.623
6714	481682.852	4612069.604	3.621
6715	481711.701	4612120.725	3.611
6716	481713.634	4612123.786	3.717
6717	481715.943	4612128.135	3.623
6718	481716.942	4612124.913	3.742
6719	481708.576	4612108.524	3.717
6720	481704.904	4612102.693	3.688
6721	481707.251	4612111.758	3.586
6722	481703.373	4612102.303	3.574
6723	481700.298	4612093.115	3.539
6724	481702.403	4612091.452	3.682
6725	481697.429	4612082.001	3.528
6726	481696.371	4612074.755	3.607
6727	481695.723	4612072.498	3.498
6728	481698.056	4612071.725	3.625
6729	481694.672	4612063.677	3.504
6730	481694.100	4612050.541	3.464
6731	481696.610	4612048.103	3.598
6732	481696.961	4612060.606	3.662
6733	481694.934	4612034.787	3.430
6734	481696.020	4612021.296	3.397
6735	481698.562	4612021.092	3.543
6736	481697.021	4612039.993	3.559
6737	481694.563	4612039.534	3.446
6738	481687.189	4612047.075	3.534
6739	481686.184	4612020.066	3.398
6740	481691.072	4612020.490	3.488
6741	481689.782	4612036.731	3.548
6742	481689.241	4612056.805	3.598
7002	481698.919	4611482.617	3.250
7003	481698.661	4611482.236	2.420
7004	481696.551	4611480.936	2.540
7005	481690.420	4611488.765	2.310
7006	481688.818	4611487.257	2.410
7007	481687.910	4611486.694	2.520
7008	481678.577	4611495.026	2.680
7009	481679.094	4611495.497	2.510
7010	481680.819	4611497.157	2.370
7011	481672.783	4611505.750	2.390
7012	481670.769	4611504.166	2.540
7013	481670.236	4611503.689	2.710
7014	481670.137	4611508.268	2.540



7015	481669.577	4611508.041	2.540	7072	481706.915	4611497.587	3.070
7016	481662.114	4611519.765	2.440	7073	481701.248	4611489.924	2.280
7017	481659.649	4611518.845	2.580	7074	481700.857	4611487.194	2.320
7018	481659.222	4611518.431	2.760	7075	481690.675	4611494.598	2.340
7019	481655.682	4611531.037	2.450	7076	481684.710	4611502.363	2.390
7020	481653.470	4611529.995	2.600	7077	481679.642	4611504.865	2.410
7021	481653.292	4611528.833	2.670	7078	481674.570	4611510.654	2.430
7022	481651.621	4611533.418	2.620	7079	481666.525	4611521.887	2.450
7023	481650.528	4611535.714	2.570	7080	481667.926	4611522.820	2.430
7024	481649.609	4611537.772	2.590	7081	481659.640	4611533.171	2.460
7025	481647.712	4611542.558	2.620	7082	481657.077	4611537.723	2.480
7026	481649.072	4611543.485	2.590	7083	481652.577	4611551.180	2.490
7027	481649.621	4611543.618	2.590	7084	481648.446	4611566.704	2.540
7028	481649.909	4611543.939	2.440	7085	481646.721	4611581.080	2.550
7029	481649.235	4611545.635	2.460	7086	481645.122	4611580.626	2.550
7030	481646.728	4611553.217	2.460	7087	481646.531	4611593.328	2.560
7031	481646.368	4611547.395	2.530	7088	481646.989	4611604.183	2.580
7032	481644.627	4611552.629	2.610	7089	481652.665	4611620.308	2.550
7033	481643.962	4611563.892	2.480	7090	481653.323	4611632.992	2.550
7034	481641.597	4611563.597	2.620	7091	481655.781	4611631.284	2.720
7035	481642.039	4611563.364	2.640	7092	481655.849	4611632.987	3.740
7036	481642.453	4611568.814	2.620	7093	481654.257	4611645.720	2.710
7037	481642.008	4611577.473	2.520	7094	481654.013	4611646.356	2.590
7038	481641.179	4611583.529	2.640	7095	481644.501	4611654.670	2.600
7039	481641.399	4611588.724	2.540	7096	481643.777	4611640.623	2.560
7040	481638.962	4611588.610	2.690	7097	481640.802	4611633.295	2.720
7041	481641.589	4611597.746	2.560	7098	481640.717	4611631.299	2.720
7042	481642.249	4611610.745	2.560	7099	481640.876	4611631.932	2.700
7043	481651.906	4611605.468	2.540	7100	481642.525	4611624.709	2.670
7044	481652.239	4611604.562	2.650	7101	481639.821	4611621.214	2.680
7045	481651.457	4611596.736	2.540	7102	481640.143	4611620.254	2.690
7046	481651.407	4611584.117	2.520	7103	481639.745	4611619.211	2.680
7047	481652.363	4611573.839	2.510	7104	481642.361	4611613.085	2.560
7048	481654.044	4611566.486	2.610	7105	481648.856	4611619.207	2.560
7049	481658.472	4611559.960	2.730	7106	481650.322	4611622.716	2.570
7050	481658.827	4611559.174	2.720	7107	481647.934	4611622.646	2.590
7051	481659.684	4611559.409	2.820	7108	481650.289	4611631.812	2.560
7052	481659.347	4611557.090	2.670	7109	481649.647	4611631.211	2.560
7053	481655.770	4611557.514	2.460	7110	481648.737	4611640.374	2.640
7054	481658.226	4611549.864	2.450	7111	481649.410	4611653.183	2.650
7055	481661.822	4611540.999	2.450	7112	481646.470	4611710.433	2.860
7056	481663.799	4611542.372	2.600	7113	481651.306	4611539.990	2.570
7057	481664.599	4611542.801	2.670	7114	481654.734	4611660.399	2.620
7058	481667.228	4611531.247	2.570	7115	481655.443	4611673.862	2.640
7059	481667.736	4611529.574	2.440	7116	481658.247	4611680.282	2.770
7060	481673.725	4611520.450	2.410	7117	481655.762	4611680.400	2.660
7061	481675.810	4611521.797	2.570	7118	481656.022	4611685.384	2.670
7062	481676.085	4611522.184	2.680	7119	481656.425	4611686.062	2.800
7063	481681.467	4611510.876	2.390	7120	481658.582	4611685.675	2.810
7064	481683.757	4611512.133	2.540	7121	481658.661	4611689.982	2.830
7065	481684.019	4611512.623	2.770	7122	481659.207	4611691.368	3.030
7066	481690.894	4611501.884	2.470	7123	481659.666	4611704.566	2.840
7067	481690.950	4611501.257	2.340	7124	481660.316	4611704.497	2.850
7068	481700.311	4611493.738	2.260	7125	481660.522	4611712.517	2.860
7069	481701.087	4611496.346	2.390	7126	481657.114	4611706.284	2.740
7070	481702.260	4611496.667	2.880	7127	481657.524	4611714.244	2.750
7071	481705.889	4611495.121	3.050	7128	481647.617	4611714.868	2.730





7129	481645.273	4611716.906	2.870	7192	481645.288	4611736.179	3.010
7130	481645.279	4611715.732	2.870	7193	481648.553	4611733.280	2.770
7131	481646.831	4611706.420	2.850	7194	481647.706	4611716.734	2.720
7132	481646.661	4611696.812	2.690	7195	481652.826	4611719.626	2.830
7133	481644.115	4611694.489	2.820	7196	481653.990	4611742.631	2.880
7134	481643.667	4611687.977	2.750	7197	481655.015	4611760.761	2.920
7135	481643.606	4611682.851	2.780	7198	481656.514	4611777.730	2.970
7136	481643.172	4611683.680	2.800	7199	481660.634	4611798.012	2.980
7137	481646.019	4611683.680	2.650	7200	481665.532	4611815.132	3.070
7138	481645.241	4611669.165	2.610	7201	481684.045	4611901.601	3.270 S
7139	481644.661	4611665.514	2.730	7203	481682.961	4611893.782	3.130
7140	481650.541	4611675.431	2.690	7204	481680.380	4611893.790	3.280
7141	481648.125	4611683.260	2.670	7205	481678.690	4611877.415	3.080
7142	481651.700	4611696.077	2.750	7206	481675.151	4611874.282	3.220
7143	481652.207	4611708.524	2.790	7207	481675.569	4611866.655	3.050
7144	481652.838	4611719.740	2.830	7208	481670.794	4611850.395	3.010
7150	481659.670	4611704.557	2.830	7209	481668.630	4611850.845	3.110
7151	481657.495	4611713.245	2.730	7210	481665.887	4611842.504	3.130
7152	481658.184	4611727.224	2.790	7211	481667.254	4611838.350	2.990
7153	481659.050	4611744.323	2.840	7212	481663.996	4611827.272	2.960
7154	481660.937	4611749.709	2.990	7213	481661.701	4611826.775	3.080
7156	481660.036	4611763.156	2.840	7214	481661.463	4611818.594	2.940
7157	481660.474	4611769.665	2.880	7215	481668.468	4611798.282	2.900
7158	481664.024	4611776.564	3.030	7216	481666.878	4611801.820	2.890
7159	481663.869	4611777.096	3.040	7217	481668.323	4611806.710	2.890
7160	481664.710	4611781.396	3.040	7218	481668.733	4611811.826	2.980
7161	481662.213	4611778.230	3.020	7219	481674.935	4611820.348	3.110
7162	481661.600	4611779.088	2.910	7220	481672.645	4611821.487	2.960
7163	481659.639	4611782.171	2.940	7221	481674.216	4611826.839	2.970
7164	481662.769	4611785.881	2.930	7222	481676.736	4611826.445	3.120
7165	481664.770	4611788.098	2.930	7223	481680.843	4611840.563	3.150
7166	481667.252	4611794.092	2.940	7224	481679.514	4611844.943	3.010
7167	481663.993	4611796.723	2.960	7225	481671.317	4611834.626	3.090
7168	481663.888	4611798.589	2.960	7226	481677.388	4611855.164	3.150
7169	481661.467	4611818.585	2.970	7227	481685.075	4611863.962	3.050
7170	481659.908	4611816.690	3.030	7228	481687.711	4611863.861	3.210
7171	481658.067	4611815.907	3.080	7229	481681.236	4611868.527	3.180
7172	481656.644	4611815.358	3.210	7230	481686.804	4611875.594	3.160
7173	481654.051	4611815.650	3.100	7231	481688.329	4611875.107	3.080
7174	481652.379	4611808.462	2.910	7232	481692.859	4611881.916	3.270
7175	481655.833	4611806.828	2.950	7233	481693.442	4611884.215	3.260
7176	481654.405	4611805.894	3.650	7234	481691.572	4611887.301	3.130
7177	481653.973	4611802.045	3.070	7235	481692.760	4611892.272	3.140
7178	481653.527	4611800.239	3.020	7236	481695.237	4611891.695	3.280
7179	481655.201	4611800.806	2.930	7237	481696.374	4611896.565	3.270
7180	481655.485	4611798.162	2.930	7238	481689.353	4611899.760	3.240
7181	481652.498	4611795.808	3.020	7239	481695.396	4611904.987	3.130
7182	481653.029	4611787.912	2.920	7240	481697.571	4611918.026	3.150
7183	481650.837	4611779.850	3.020	7241	481700.231	4611918.859	3.290
7184	481648.967	4611779.748	2.970	7242	481699.249	4611926.444	3.290
7185	481650.225	4611765.401	2.840	7243	481698.976	4611930.439	3.160
7186	481647.721	4611763.990	2.880	7244	481695.398	4611930.711	3.290
7187	481646.491	4611758.203	2.890	7245	481699.663	4611939.292	3.200
7188	481647.177	4611756.856	2.950	7246	481700.069	4611947.052	3.210
7189	481649.276	4611747.334	2.820	7247	481700.234	4611958.666	3.240
7190	481650.237	4611743.564	2.820	7248	481702.721	4611961.693	3.230
7191	481646.282	4611740.625	2.910	7249	481695.232	4611959.810	3.370



7250	481697.321	4611968.677	3.380
7251	481696.286	4611971.309	3.410
7252	481700.495	4611974.553	3.320
7253	481699.475	4611977.561	3.290
7254	481701.819	4611979.696	3.430
7255	481698.426	4611991.098	3.320
7256	481696.954	4611991.634	3.400
7257	481700.555	4611996.330	3.460
7258	481700.439	4611997.870	3.460
7259	481698.751	4612000.533	3.460
7260	481697.193	4612006.392	3.350
7261	481692.652	4612001.122	3.430
7262	481699.410	4612010.425	3.480
7263	481699.051	4612014.046	3.510
7264	481698.755	4612017.824	3.560
7265	481698.486	4612021.107	3.520
7266	481695.993	4612021.307	3.380
7267	481690.230	4611964.448	3.290
7268	481690.262	4611962.240	3.270
7269	481690.262	4611952.237	3.230
7270	481689.738	4611939.316	3.220
7271	481689.292	4611933.219	3.210
7272	481686.816	4611933.629	3.340
7273	481688.215	4611922.990	3.180
7274	481686.973	4611914.077	3.170
7275	481685.654	4611906.240	3.130
7276	481683.242	4611906.943	3.270
7277	481680.372	4611893.789	3.270
7300	481684.047	4611901.599	3.270 fr-3
7301	481697.332	4611968.677	3.380
7302	481690.257	4611964.272	3.280
7303	481687.515	4611968.364	3.280
7304	481687.036	4611978.454	3.290
7305	481689.320	4611981.468	3.330
7306	481688.290	4611986.205	3.430
7307	481688.484	4611991.444	3.320
7308	481687.937	4611989.460	3.450
7309	481687.864	4611999.345	3.350
7310	481684.700	4612006.995	3.490
7311	481684.144	4612015.223	3.510
7312	481686.172	4612020.062	3.370
7313	481683.127	4612026.349	3.500
7314	481682.416	4612035.735	3.550
7315	481684.855	4612036.455	3.400
7316	481687.201	4612047.063	3.520
7318	481690.237	4612050.412	3.570
7319	481690.473	4612027.380	3.490
7320	481692.209	4612006.950	3.450
7321	481694.184	4611981.040	3.400
7322	481699.246	4611926.449	3.290 fr-4
7323	481686.028	4612080.434	3.620 base
10001	481683.431	4612183.362	3.701
10002	481826.748	4612508.084	0.000
20000	482007.992	4612737.968	5.127 S
20001	482120.142	4612676.285	4.925 S
20002	481906.394	4612546.845	4.714 S

Blanes, març de 2011

Servei Tècnic Aigües de Blanes

Francesc Heras i Perellón

Enginyer Industrial