

ANEJO Nº3.- TOPOGRAFÍA

Para la elaboración del presente proyecto refundido de la EDAR de Lagrán, URA-Agencia Vasca del Agua encargó en julio de 2021 a GAROA Ingeniería topográfica la AMPLIACIÓN DE PLANO TOPOGRÁFICO A ESCALA 1/500, ya que el taquimétrico original de la EDAR no recogía la totalidad del ámbito de actuación del proyecto.

En el presente anejo se acompaña:

- Documentación aportada por GAROA que es utilizada de base para el diseño de la EDAR del presente proyecto.
- Listado de puntos del terreno actual extraído del levantamiento topográfico de Garoa de julio de 2021
- Listado de puntos de la topografía proyectada de la EDAR.



Paseo Salvador Azpiazu, 6 - bajo 01008 Vitoria-Gasteiz
Tfno. 945 241 254 email: garoa@icgaroa.com
<http://www.icgaroa.com>

EL INGENIERO EN GEOMÁTICA Y TOPOGRAFÍA
Juan Gallardo Sancha
Colegiado nº 2773

AMPLIACIÓN DE PLANO TOPOGRÁFICO A ESCALA 1/500 PARA PROYECTO DE DEPURADORA EN LAGRAN (ARABA)

PROMOTOR:	URA
FECHA:	Julio 2021
REFERENCIA TRABAJO:	L2310-33
DOCUMENTO:	INFORME

INFORME

El objeto del presente Informe es la descripción de los trabajos realizados para la confección del Plano a Escala 1/500 de la zona de interés para la redacción de proyecto de depuradora en Lagran (Araba).

ANTECEDENTES

Existe un levantamiento topográfico previo a la realización de este trabajo, pero es necesario realizar trabajos topográficos complementarios para:

- Realizar una ampliación del plano existente ya que se pretende llevar a cabo una modificación en el proyecto de la depuradora y el plano topográfico no abarca toda la zona de interés.
- Comprobar el sistema de referencia de coordenadas utilizado y en su caso adecuarlo a coordenadas UTM ETRS89 y cota referida a REDNAP.

TRABAJOS REALIZADOS

Antes de ir a campo se analizó la información recibida. En el plano "2016.07 TTD - Lagrán (versión 2007).dwg" se localizaron 2 versiones de cartografías diferentes en el mismo dibujo. Se generaron 2 ficheros CAD diferenciados con cada una de las versiones para facilitar su análisis. Se entregan en el apartado de **planos-existentes-proyecto** como CARTO-1.dwg y CARTO-2.dwg.

Una vez en campo, se comenzó replanteando la posición de las bases topográficas que aparecen representadas en las cartografías existentes. Se localizaron las Bases E-1 y E-7, ambas materializadas mediante clavos tipo "geopunt".



BASE E-1



BASE E-7

Las bases se midieron utilizando receptores GNSS conectados a la red GNSS de Geoeuskadi, permitiendo la obtención de coordenadas ETRS89 y cota REDNAP en tiempo real. Se comprobó que las coordenadas obtenidas eran coincidentes con las existentes en el fichero CARTO-2.

Una vez validada dicha cartografía, se procedió a la medición de los puntos necesarios para ampliar la cartografía existente utilizando receptores GNSS RTK y Estación Total para radiar los puntos que se encontraban en zona arbolada.

Finalmente, en gabinete se realizó un plano topográfico de estado actual utilizando los puntos medidos en campo y elementos de la cartografía existente que se consideraron válidos una vez transformados a 3D, ya que en los planos existentes todo los elementos estaban en 2D (coordenada Z=0). Con todos los puntos se calculó un MDT que se adjunta en formato TIN y se realizó el curvado con equidistancia de curvas de 0,5 m.

El resultado final es un plano topográfico en 3D y cuyo sistema de coordenadas es UTM ETRS89 y cotas referidas a REDNAP.

También se midieron las cotas de algunas tapas de saneamiento localizadas en la zona del núcleo urbano más próximas a la zona del proyecto.



Juan Fco. Gallardo Sancha
Colegiado nº 2773

LISTADO DE PUNTOS TOPOGRAFÍA ORIGINAL

Nombre de superficie TOPO-INICIAL 00			
Puntot ID	X (m)	Y (m)	Elevation (m)
5	4.719.442.477	534.630.175	735.068
6	4.719.445.495	534.617.427	734.974
7	4.719.501.730	534.514.510	734.973
8	4.719.505.343	534.515.358	735.065
9	4.719.502.970	534.520.009	734.926
10	4.719.503.932	534.508.492	736.303
11	4.719.502.513	534.508.660	735.885
12	4.719.502.438	534.508.360	735.954
13	4.719.525.215	534.542.925	736.517
14	4.719.523.694	534.542.239	736.239
15	4.719.522.171	534.541.437	736.000
16	4.719.522.637	534.541.507	736.982
17	4.719.523.980	534.542.288	736.925
18	4.719.522.204	534.540.453	736.907
19	4.719.521.063	534.539.835	736.943
20	4.719.520.021	534.539.833	736.909
21	4.719.519.262	534.539.605	735.342
22	4.719.518.912	534.539.090	736.819
23	4.719.520.495	534.539.686	736.976
24	4.719.517.346	534.537.841	735.513
25	4.719.516.411	534.536.789	736.906
26	4.719.514.277	534.534.946	735.823
27	4.719.514.061	534.534.225	736.916
28	4.719.509.727	534.530.025	734.878
29	4.719.509.092	534.527.747	736.753
30	4.719.510.416	534.530.120	736.710
31	4.719.508.865	534.527.809	734.906
32	4.719.507.825	534.523.198	736.920
33	4.719.507.244	534.522.193	734.977
34	4.719.506.689	534.519.047	736.924
35	4.719.505.675	534.515.294	736.996
36	4.719.503.923	534.508.793	735.098
37	4.719.504.118	534.508.713	736.785
38	4.719.504.010	534.508.227	736.632
39	4.719.502.190	534.508.565	735.770
40	4.719.502.194	534.508.818	735.593
41	4.719.501.423	534.509.299	735.529
42	4.719.500.611	534.508.039	735.690
43	4.719.499.996	534.509.521	735.572
44	4.719.499.471	534.508.816	735.506
45	4.719.492.166	534.511.191	734.801
46	4.719.492.104	534.510.922	734.801
47	4.719.492.404	534.511.107	734.778
48	4.719.492.342	534.510.838	734.845
49	4.719.491.689	534.509.010	734.993
50	4.719.487.538	534.510.382	734.960
51	4.719.495.851	534.502.556	735.163
52	4.719.496.042	534.502.476	734.979
53	4.719.496.036	534.502.530	734.667
54	4.719.502.109	534.507.594	736.036
55	4.719.496.558	534.502.126	735.081
56	4.719.496.176	534.501.797	735.125
57	4.719.496.375	534.501.656	735.053
58	4.719.496.224	534.500.801	734.826
59	4.719.503.896	534.506.445	736.571
60	4.719.503.475	534.506.227	736.576

61	4.719.500.906	534.525.746	735.244
62	4.719.500.977	534.526.220	735.031
63	4.719.500.489	534.524.137	734.906
64	4.719.499.895	534.520.041	734.944
65	4.719.495.660	534.524.899	734.566
66	4.719.498.026	534.523.216	734.211
67	4.719.497.675	534.524.850	734.366
68	4.719.496.415	534.521.037	734.567
69	4.719.498.042	534.522.049	734.325
70	4.719.495.852	534.512.441	734.661
71	4.719.495.383	534.508.928	734.856
72	4.719.495.216	534.505.384	735.042
73	4.719.492.004	534.501.986	735.073
74	4.719.495.272	534.503.254	734.972
75	4.719.495.566	534.502.827	735.105
76	4.719.495.615	534.503.002	735.051
77	4.719.495.787	534.502.980	735.096
78	4.719.499.654	534.507.197	735.445
79	4.719.502.638	534.505.197	736.591
80	4.719.498.956	534.509.755	734.838
81	4.719.499.002	534.509.677	735.299
82	4.719.499.048	534.512.884	734.977
83	4.719.501.418	534.509.417	735.047
84	4.719.502.372	534.509.162	734.985
85	4.719.498.804	534.543.048	733.941
86	4.719.498.424	534.541.841	733.512
87	4.719.500.512	534.538.180	734.402
88	4.719.499.000	534.538.299	733.635
89	4.719.499.375	534.536.875	733.690
90	4.719.499.801	534.535.261	733.752
91	4.719.501.264	534.533.348	734.624
92	4.719.500.221	534.533.008	733.838
93	4.719.501.357	534.531.221	734.697
94	4.719.500.384	534.529.955	733.893
95	4.719.500.735	534.525.270	734.984
96	4.719.500.375	534.527.055	733.946
97	4.719.500.368	534.525.003	733.983
98	4.719.500.068	534.523.600	733.972
99	4.719.499.884	534.520.021	734.946
100	4.719.499.933	534.522.865	734.107
101	4.719.499.511	534.520.068	734.133
102	4.719.498.811	534.516.303	734.217
103	4.719.498.340	534.513.015	734.292
104	4.719.498.109	534.511.096	734.293
105	4.719.490.290	534.560.590	734.504
106	4.719.492.766	534.559.428	733.275
107	4.719.491.314	534.558.065	734.650
108	4.719.493.744	534.556.513	733.345
109	4.719.492.757	534.554.394	734.617
110	4.719.494.619	534.553.554	733.416
111	4.719.494.136	534.550.070	734.577
112	4.719.495.210	534.550.755	733.483
113	4.719.494.884	534.546.409	734.472
114	4.719.496.326	534.545.748	733.563
115	4.719.495.059	534.543.142	734.601
116	4.719.496.976	534.541.665	733.543
117	4.719.495.704	534.537.705	734.777
118	4.719.497.612	534.538.189	733.667

119	4.719.497.909	534.535.460	733.702
120	4.719.496.479	534.534.559	734.655
121	4.719.498.191	534.533.111	733.763
122	4.719.496.854	534.531.516	734.564
123	4.719.498.696	534.530.231	733.839
124	4.719.497.015	534.527.806	734.451
125	4.719.499.069	534.527.626	733.906
126	4.719.499.109	534.525.479	733.960
127	4.719.499.051	534.523.674	733.958
128	4.719.498.745	534.522.277	734.019
129	4.719.498.377	534.520.598	734.093
130	4.719.496.905	534.518.032	734.372
131	4.719.497.504	534.518.610	734.127
132	4.719.497.177	534.516.578	734.159
133	4.719.496.421	534.515.446	734.507
134	4.719.496.841	534.514.866	734.176
135	4.719.496.583	534.512.578	734.191
136	4.719.496.220	534.509.352	734.212
137	4.719.497.856	534.509.369	734.295
138	4.719.495.967	534.507.104	734.226
139	4.719.497.530	534.507.619	734.296
140	4.719.496.247	534.503.600	734.362
141	4.719.495.898	534.505.554	734.298
142	4.719.496.792	534.502.540	734.405
143	4.719.497.186	534.501.831	734.427
144	4.719.497.823	534.502.694	734.403
145	4.719.497.908	534.501.831	734.430
146	4.719.497.210	534.501.153	734.437
147	4.719.497.159	534.500.739	734.543
148	4.719.496.956	534.500.294	734.554
149	4.719.496.540	534.499.479	734.555
150	4.719.496.329	534.498.560	734.555
151	4.719.495.597	534.496.605	735.082
152	4.719.496.353	534.496.596	734.586
153	4.719.495.697	534.494.383	734.958
154	4.719.496.227	534.493.940	734.628
155	4.719.497.375	534.495.384	734.608
156	4.719.495.639	534.493.402	734.848
157	4.719.495.770	534.490.426	734.675
158	4.719.497.072	534.493.316	734.626
159	4.719.496.621	534.490.233	734.654
160	4.719.495.301	534.491.173	734.916
161	4.719.496.128	534.488.248	734.711
162	4.719.495.024	534.488.032	734.734
163	4.719.495.593	534.486.095	734.774
164	4.719.493.757	534.485.117	735.241
165	4.719.494.552	534.485.298	734.810
166	4.719.494.533	534.484.390	734.765
167	4.719.494.428	534.483.586	734.910
168	4.719.494.495	534.479.684	734.952
169	4.719.493.349	534.479.910	734.965
170	4.719.491.858	534.476.196	735.480
171	4.719.492.183	534.475.940	735.024
172	4.719.457.038	534.625.035	732.016
173	4.719.456.958	534.631.479	731.989
174	4.719.458.149	534.611.798	732.472
175	4.719.457.631	534.617.351	732.050
176	4.719.456.207	534.612.463	732.080
177	4.719.459.213	534.606.670	732.890
178	4.719.457.363	534.606.948	732.151
179	4.719.459.956	534.602.533	733.189
180	4.719.465.328	534.589.195	732.426

181	4.719.467.011	534.590.386	732.955
182	4.719.462.247	534.592.946	732.366
183	4.719.463.273	534.594.626	733.273
184	4.719.470.563	534.586.869	732.658
185	4.719.469.009	534.584.924	732.506
186	4.719.475.761	534.579.006	732.628
187	4.719.479.107	534.579.572	732.802
188	4.719.474.713	534.583.648	732.414
189	4.719.481.782	534.577.529	732.832
190	4.719.479.335	534.576.327	732.716
191	4.719.484.929	534.574.402	732.868
192	4.719.482.531	534.573.932	732.794
193	4.719.490.301	534.565.010	733.169
194	4.719.491.235	534.565.805	733.078
195	4.719.491.460	534.562.772	733.220
196	4.719.492.596	534.562.780	733.144
197	4.719.495.108	534.555.194	733.327
198	4.719.494.397	534.557.396	733.268
199	4.719.495.576	534.553.234	733.375
200	4.719.496.550	534.549.573	733.461
201	4.719.497.202	534.547.647	733.502
202	4.719.498.237	534.543.213	733.514
203	4.719.453.314	534.645.158	731.809
204	4.719.451.095	534.644.859	734.315
205	4.719.453.794	534.638.447	731.851
206	4.719.451.769	534.638.194	734.248
207	4.719.454.615	534.631.645	731.898
208	4.719.452.495	534.631.016	734.175
209	4.719.448.302	534.629.751	734.413
210	4.719.455.294	534.625.356	731.951
211	4.719.452.824	534.625.120	734.324
212	4.719.449.395	534.616.792	734.572
213	4.719.453.073	534.620.651	734.438
214	4.719.455.727	534.617.241	732.020
215	4.719.453.292	534.616.724	734.537
216	4.719.453.525	534.612.379	734.664
217	4.719.454.277	534.607.558	734.798
218	4.719.458.861	534.600.931	732.242
219	4.719.455.616	534.603.189	734.942
220	4.719.456.892	534.598.719	735.103
221	4.719.460.845	534.590.956	735.185
222	4.719.464.468	534.586.537	735.117
223	4.719.467.545	534.582.994	735.058
224	4.719.472.884	534.581.163	732.558
225	4.719.472.182	534.578.600	734.914
226	4.719.477.895	534.573.321	734.734
227	4.719.481.935	534.570.286	734.620
228	4.719.486.377	534.571.049	732.888
229	4.719.486.172	534.566.926	734.488
230	4.719.488.415	534.568.764	733.096
231	4.719.489.523	534.566.534	733.132
232	4.719.488.527	534.564.333	734.567
233	4.719.495.679	534.475.464	736.676
234	4.719.497.959	534.474.657	737.193
235	4.719.496.596	534.478.395	736.664
236	4.719.499.381	534.480.533	737.200
237	4.719.497.411	534.481.673	736.650
238	4.719.500.231	534.484.044	737.204
239	4.719.498.514	534.486.404	736.656
240	4.719.501.421	534.488.963	737.210
241	4.719.499.531	534.490.473	736.660
242	4.719.502.451	534.493.074	737.207

243	4.719.500.663	534.494.202	736.617
244	4.719.503.290	534.496.253	737.205
245	4.719.501.483	534.497.770	736.577
246	4.719.501.827	534.500.222	736.514
247	4.719.504.572	534.501.255	737.202
248	4.719.501.924	534.502.316	736.446
249	4.719.505.261	534.503.943	737.200
250	4.719.501.943	534.503.683	736.494
251	4.719.504.223	534.507.109	736.611
252	4.719.506.304	534.507.660	737.196
253	4.719.514.277	534.527.648	737.198
254	4.719.517.029	534.531.251	737.174
255	4.719.520.567	534.535.116	737.140
256	4.719.524.068	534.538.128	737.121
257	4.719.526.823	534.540.183	737.100
258	4.719.494.210	534.475.904	735.245
259	4.719.494.980	534.479.057	735.273
260	4.719.493.656	534.475.647	735.023
261	4.719.495.842	534.483.104	735.308
262	4.719.495.262	534.483.371	734.888
263	4.719.495.239	534.484.667	734.815
264	4.719.496.570	534.485.950	735.331
265	4.719.497.211	534.489.143	735.360
266	4.719.497.695	534.491.589	735.356
267	4.719.498.091	534.494.323	735.350
268	4.719.497.453	534.498.378	734.583
269	4.719.498.435	534.497.423	735.153
270	4.719.497.643	534.499.320	734.563
271	4.719.497.526	534.497.074	734.594
272	4.719.498.075	534.500.090	734.546
273	4.719.498.621	534.501.093	734.930
274	4.719.498.113	534.500.780	734.427
275	4.719.498.520	534.502.664	734.938
276	4.719.498.311	534.503.807	734.936
277	4.719.497.455	534.503.917	734.350
278	4.719.498.101	534.505.070	734.941
279	4.719.497.213	534.505.569	734.271
280	4.719.498.050	534.506.570	734.945
281	4.719.498.210	534.507.674	734.947
282	4.719.498.480	534.508.526	734.991
283	4.719.498.894	534.509.094	735.033
284	4.719.508.381	534.522.853	737.030
285	4.719.511.781	534.523.713	737.220
286	4.719.509.881	534.519.323	737.200
287	4.719.507.311	534.518.653	736.920
288	4.719.505.801	534.513.083	736.970
289	4.719.504.231	534.507.523	736.690
290	4.719.493.466	534.490.576	736.176
291	4.719.490.605	534.490.619	735.780
292	4.719.491.862	534.481.927	735.733
293	4.719.490.456	534.476.408	735.912
294	4.719.490.149	534.476.504	736.218
295	4.719.493.332	534.488.284	735.480
296	4.719.492.064	534.484.630	736.194
297	4.719.494.704	534.494.491	735.324
298	4.719.494.198	534.493.682	736.167
299	4.719.494.451	534.494.568	736.041
300	4.719.495.115	534.497.500	735.177
301	4.719.494.819	534.497.293	735.516
302	4.719.441.978	534.617.555	735.698
303	4.719.437.144	534.621.130	736.669
304	4.719.436.890	534.626.021	736.602

305	4.719.437.074	534.629.325	736.551
306	4.719.437.883	534.635.180	735.936
307	4.719.449.204	534.645.551	734.185
308	4.719.445.689	534.647.552	734.833
309	4.719.431.037	534.626.805	739.690
310	4.719.432.236	534.623.608	739.305
311	4.719.434.515	534.620.065	738.161
312	4.719.438.448	534.617.340	736.299
313	4.719.437.171	534.617.342	736.729
314	4.719.437.703	534.643.783	740.074
315	4.719.442.755	534.644.349	735.216
316	4.719.439.701	534.639.703	735.460
317	4.719.436.023	534.640.915	740.179
318	4.719.434.343	534.637.554	740.293
319	4.719.433.011	534.634.511	740.404
320	4.719.432.258	534.632.222	740.451
321	4.719.430.086	534.628.325	739.906
322	4.719.428.654	534.630.926	741.287
323	4.719.430.955	534.634.685	740.669
324	4.719.429.043	534.638.104	740.883
325	4.719.427.401	534.633.024	741.905
326	4.719.425.287	534.637.261	742.864
327	4.719.506.787	534.524.390	735.459
328	4.719.506.711	534.524.063	735.441
329	4.719.506.897	534.524.411	735.124
330	4.719.505.809	534.524.621	735.362
331	4.719.506.814	534.523.983	735.095
332	4.719.501.045	534.526.041	735.262
333	4.719.505.670	534.524.326	735.344
334	4.719.434.999	534.578.580	743.457
335	4.719.439.641	534.567.936	743.338
336	4.719.451.659	534.549.072	742.871
337	4.719.453.154	534.531.795	742.950
338	4.719.454.379	534.544.577	742.773
339	4.719.455.949	534.541.646	742.577
340	4.719.456.961	534.531.765	742.810
341	4.719.459.370	534.534.759	742.478
342	4.719.460.531	534.531.778	742.365
343	4.719.459.714	534.516.321	742.570
344	4.719.461.888	534.527.577	742.259
345	4.719.463.086	534.520.311	742.301
346	4.719.460.190	534.512.061	742.453
347	4.719.460.120	534.510.010	742.396
348	4.719.460.010	534.515.000	742.534
349	4.719.463.747	534.513.340	742.224
350	4.719.460.003	534.508.684	742.360
351	4.719.463.458	534.506.741	742.292
352	4.719.458.363	534.499.945	742.330
353	4.719.461.916	534.501.214	742.328
354	4.719.456.029	534.490.733	742.470
355	4.719.457.704	534.489.926	742.493
356	4.719.482.477	534.490.467	735.520
357	4.719.478.939	534.488.399	735.920
358	4.719.479.371	534.491.663	735.710
359	4.719.477.682	534.490.865	735.902
360	4.719.452.834	534.581.067	736.398
361	4.719.452.799	534.584.645	736.021
362	4.719.448.221	534.583.375	738.136
363	4.719.450.512	534.587.424	736.025
364	4.719.444.958	534.586.204	738.868
365	4.719.448.251	534.590.576	736.033
366	4.719.439.257	534.592.583	740.687

367	4.719.444.850	534.596.061	736.045
368	4.719.442.392	534.599.284	736.053
369	4.719.435.118	534.596.021	741.762
370	4.719.438.010	534.603.505	736.408
371	4.719.431.302	534.600.553	741.846
372	4.719.434.590	534.607.085	737.096
373	4.719.429.337	534.603.488	741.927
374	4.719.428.222	534.606.880	741.985
375	4.719.433.351	534.608.884	737.294
376	4.719.431.140	534.611.373	737.903
377	4.719.426.665	534.610.418	742.044
378	4.719.429.810	534.613.272	738.333
379	4.719.425.053	534.613.020	742.182
380	4.719.428.478	534.615.433	738.906
381	4.719.427.025	534.617.662	739.374
382	4.719.422.230	534.618.340	742.415
383	4.719.425.400	534.620.261	739.943
384	4.719.423.978	534.622.626	740.388
385	4.719.420.563	534.622.391	742.545
386	4.719.422.346	534.625.331	741.288
387	4.719.419.574	534.626.588	742.621
388	4.719.480.044	534.485.825	735.947
389	4.719.464.015	534.488.294	739.909
390	4.719.480.904	534.483.076	735.955
391	4.719.465.895	534.494.987	739.604
392	4.719.467.951	534.501.445	739.293
393	4.719.468.608	534.506.298	739.060
394	4.719.469.605	534.511.544	739.195
395	4.719.469.767	534.517.013	739.325
396	4.719.469.293	534.522.226	739.427
397	4.719.469.764	534.526.495	739.325
398	4.719.469.653	534.528.864	739.261
399	4.719.468.815	534.530.905	739.183
400	4.719.467.083	534.532.746	739.094
401	4.719.465.781	534.535.078	739.007
402	4.719.464.331	534.537.674	738.910
403	4.719.463.793	534.545.012	738.662
404	4.719.462.508	534.549.737	738.527
405	4.719.460.866	534.552.204	738.583
406	4.719.457.992	534.554.384	738.677
407	4.719.449.187	534.554.126	742.987
408	4.719.455.632	534.556.002	738.735
409	4.719.446.631	534.558.235	743.113
410	4.719.452.786	534.559.107	738.828
411	4.719.442.955	534.563.485	743.177
412	4.719.449.728	534.566.217	739.002
413	4.719.437.351	534.573.575	743.426
414	4.719.443.473	534.574.370	739.228
415	4.719.440.595	534.581.044	740.147
416	4.719.420.823	534.627.836	742.240
417	4.719.401.192	534.644.408	745.149
418	4.719.398.016	534.646.584	745.433
419	4.719.411.225	534.635.948	744.232
420	4.719.413.311	534.640.220	744.031
421	4.719.411.051	534.640.763	744.350
422	4.719.416.344	534.639.936	743.598
423	4.719.419.395	534.638.822	743.112
424	4.719.420.640	534.637.432	742.830
425	4.719.424.621	534.631.473	741.700
426	4.719.419.329	534.630.609	742.786
427	4.719.422.101	534.635.853	742.560
428	4.719.427.141	534.625.093	740.310

429	4.719.428.635	534.622.683	739.718
430	4.719.430.604	534.619.769	738.958
431	4.719.432.801	534.616.393	738.100
432	4.719.435.087	534.613.395	737.556
433	4.719.437.313	534.610.629	737.006
434	4.719.452.463	534.597.248	735.448
435	4.719.455.070	534.596.042	735.349
436	4.719.453.453	534.591.515	735.366
437	4.719.458.209	534.594.715	735.239
438	4.719.460.221	534.596.963	732.308
439	4.719.398.432	534.642.477	745.595
440	4.719.399.907	534.641.745	745.448
441	4.719.398.692	534.638.484	745.740
442	4.719.402.946	534.640.451	745.171
443	4.719.404.323	534.642.721	744.958
444	4.719.406.461	534.641.983	744.820
445	4.719.420.626	534.632.703	742.409
446	4.719.417.014	534.632.928	743.401
447	4.719.429.102	534.618.655	739.015
448	4.719.486.041	534.556.819	734.675
449	4.719.486.984	534.554.077	734.631
450	4.719.482.535	534.556.438	735.110
451	4.719.476.918	534.555.845	735.547
452	4.719.474.191	534.542.883	736.230
453	4.719.479.260	534.537.319	735.796
454	4.719.476.561	534.534.603	736.060
455	4.719.480.043	534.525.857	735.700
456	4.719.482.341	534.532.144	735.511
457	4.719.483.899	534.523.966	735.423
458	4.719.479.767	534.522.280	735.840
459	4.719.458.511	534.570.927	736.620
460	4.719.459.238	534.576.737	735.817
461	4.719.454.776	534.580.719	736.009
462	4.719.456.911	534.580.865	735.764
463	4.719.464.063	534.573.514	735.533
464	4.719.462.487	534.579.349	735.588
465	4.719.492.497	534.475.971	734.883
466	4.719.492.876	534.475.747	734.835
467	4.719.493.316	534.475.695	734.889
468	4.719.495.100	534.483.462	734.825
469	4.719.494.774	534.483.564	734.760
470	4.719.494.936	534.484.805	734.690
471	4.719.497.316	534.496.598	734.474
472	4.719.496.550	534.496.619	734.439
473	4.719.496.939	534.496.611	734.496
474	4.719.496.743	534.498.167	734.248
475	4.719.496.852	534.498.714	734.097
476	4.719.497.601	534.500.732	734.401
477	4.719.496.994	534.503.573	734.292
478	4.719.496.693	534.503.426	734.247
479	4.719.496.406	534.503.223	734.176
480	4.719.496.294	534.505.618	734.113
481	4.719.496.539	534.505.608	734.100
482	4.719.496.794	534.505.613	734.141
483	4.719.499.202	534.520.145	734.001
484	4.719.499.623	534.524.928	733.801
485	4.719.500.000	534.524.913	733.849
486	4.719.497.070	534.514.811	734.079
487	4.719.498.558	534.520.557	733.953
488	4.719.499.353	534.525.369	733.737
489	4.719.498.227	534.535.529	733.729
490	4.719.498.774	534.535.753	733.695

491	4.719.497.793	534.541.798	733.472
492	4.719.497.486	534.541.746	733.506
493	4.719.497.155	534.542.872	733.280
494	4.719.497.655	534.543.159	733.243
495	4.719.497.817	534.545.830	733.540
496	4.719.497.861	534.543.216	733.303
497	4.719.496.542	534.545.779	733.335
498	4.719.496.959	534.545.806	733.326
499	4.719.497.400	534.545.809	733.262
500	4.719.496.198	534.551.092	733.430
501	4.719.493.569	534.559.781	733.205
502	4.719.455.819	534.645.073	732.002
503	4.719.454.998	534.645.091	731.676
504	4.719.456.546	534.638.770	731.996
505	4.719.453.938	534.645.177	731.737
506	4.719.454.738	534.645.122	731.806
507	4.719.455.361	534.631.706	731.740
508	4.719.456.235	534.631.720	731.723
509	4.719.456.314	534.617.409	732.009
510	4.719.457.214	534.617.445	732.006
511	4.719.460.446	534.597.349	732.221
512	4.719.460.897	534.598.535	733.527
513	4.719.473.892	534.582.709	732.440
514	4.719.472.957	534.581.683	732.499
515	4.719.487.219	534.572.091	732.894
516	4.719.488.967	534.569.098	733.004
517	4.719.489.365	534.569.530	732.997
518	4.719.505.256	534.530.209	735.191
519	4.719.510.137	534.536.819	735.496
520	4.719.504.423	534.538.266	735.128
521	4.719.447.006	534.640.059	734.682
522	4.719.449.541	534.609.125	735.181
523	4.719.444.226	534.603.689	735.949
524	4.719.444.404	534.608.152	735.706
525	4.719.441.873	534.605.923	736.269
526	4.719.452.738	534.601.028	735.278
527	4.719.446.631	534.601.653	735.660
528	4.719.449.604	534.599.099	735.535
529	4.719.431.555	534.637.628	740.596
530	4.719.507.671	534.512.533	737.190
531	4.719.508.532	534.515.223	737.161
532	4.719.502.880	534.481.371	737.215
533	4.719.500.567	534.471.719	737.236
534	4.719.505.593	534.492.622	737.189
535	4.719.508.386	534.503.711	737.170
536	4.719.510.927	534.512.402	737.143
537	4.719.513.621	534.519.761	737.092
538	4.719.516.693	534.525.487	737.069
539	4.719.520.380	534.530.648	737.025
540	4.719.526.197	534.535.873	736.993
541	4.719.529.425	534.537.833	736.965
542	4.719.468.347	534.493.285	738.285
543	4.719.476.891	534.494.213	735.880
544	4.719.479.181	534.505.843	735.350
545	4.719.475.750	534.498.483	736.226
546	4.719.469.710	534.501.082	738.638
547	4.719.471.399	534.507.775	738.410
548	4.719.476.205	534.507.125	736.840
549	4.719.479.911	534.513.493	735.490
550	4.719.477.698	534.515.962	737.205
551	4.719.472.373	534.515.572	738.367
552	4.719.471.399	534.524.279	738.848

553	4.719.476.724	534.525.059	737.305
554	4.719.474.516	534.534.546	737.494
555	4.719.469.321	534.534.156	738.743
556	4.719.465.548	534.542.033	738.654
557	4.719.471.133	534.542.618	737.382
558	4.719.469.191	534.552.513	736.330
559	4.719.465.873	534.550.740	737.648
560	4.719.460.666	534.557.444	738.296
561	4.719.463.721	534.560.993	736.640
562	4.719.458.133	534.565.761	736.906
563	4.719.452.808	534.564.136	738.000
564	4.719.453.977	534.575.507	736.687
565	4.719.447.483	534.574.923	738.166
566	4.719.445.327	534.580.912	738.261
567	4.719.440.781	534.586.630	740.120
568	4.719.435.116	534.590.702	741.601
569	4.719.435.509	534.593.266	741.822
570	4.719.428.560	534.600.608	742.628
571	4.719.423.235	534.609.900	742.589
572	4.719.418.689	534.620.556	743.037
573	4.719.415.949	534.630.254	743.538
574	4.719.405.509	534.634.747	744.912
575	4.719.409.260	534.632.464	744.251
576	4.719.408.843	534.635.717	744.561
577	4.719.413.857	534.635.309	743.894
578	4.719.399.091	534.631.883	745.970
579	4.719.401.984	534.634.054	745.576
580	4.719.402.051	534.636.427	745.468
581	4.719.398.986	534.633.857	745.906
582	4.719.408.351	534.638.182	744.457
583	4.719.415.884	534.636.947	743.678
584	4.719.418.081	534.639.523	743.320
585	4.719.425.106	534.624.731	740.536
586	4.719.433.693	534.611.534	737.486
587	4.719.438.953	534.605.751	736.481
588	4.719.439.861	534.608.033	736.490
589	4.719.443.694	534.600.488	735.873
590	4.719.449.279	534.595.354	735.492
591	4.719.458.202	534.590.993	735.621
592	4.719.465.274	534.580.765	735.067
593	4.719.461.449	534.585.015	735.417
594	4.719.453.721	534.587.679	735.603
595	4.719.462.237	534.569.217	736.222
596	4.719.468.211	534.565.309	735.875
597	4.719.469.705	534.576.495	735.897
598	4.719.472.991	534.562.882	735.315
599	4.719.477.888	534.569.152	735.219
600	4.719.469.315	534.560.250	736.332
601	4.719.473.807	534.553.290	735.988
602	4.719.481.162	534.549.881	735.261
603	4.719.477.277	534.544.411	735.920
604	4.719.481.406	534.565.635	735.339
605	4.719.491.869	534.547.564	735.022
606	4.719.485.960	534.544.575	735.108
607	4.719.489.368	534.526.398	734.933
608	4.719.487.973	534.537.168	735.248
609	4.719.493.428	534.538.468	735.100
610	4.719.494.078	534.531.320	735.014
611	4.719.495.056	534.518.110	735.060
612	4.719.489.081	534.519.280	735.395
613	4.719.481.712	534.511.351	735.238
614	4.719.483.561	534.519.540	735.727

615	4.719.479.339	534.499.360	735.271
616	4.719.483.171	534.505.310	735.365
617	4.719.488.367	534.504.075	735.354
618	4.719.491.694	534.495.522	736.022
619	4.719.487.368	534.490.291	735.320
620	4.719.484.730	534.493.094	735.825
621	4.719.486.094	534.499.007	735.394
622	4.719.481.223	534.495.758	735.743
623	4.719.440.453	534.610.514	736.292
624	4.719.488.597	534.486.204	735.402
625	4.719.485.834	534.479.834	735.843
626	4.719.395.912	534.633.334	746.048
627	4.719.396.021	534.631.803	746.110
628	4.719.392.871	534.632.343	746.050
629	4.719.395.152	534.644.045	745.617
630	4.719.392.041	534.645.333	745.480
631	4.719.395.051	534.645.473	745.560
632	4.719.398.242	534.642.813	745.593

LISTADO DE PUNTOS TOPOGRAFÍA PROYECTADA

Nombre de superficie EDAR PROYECTADA			
Puntot ID	X (m)	Y (m)	Elevation (m)
2	4.719.451.659	534.549.072	742.871
3	4.719.453.154	534.531.795	742.950
4	4.719.454.379	534.544.577	742.773
5	4.719.455.949	534.541.646	742.577
6	4.719.456.961	534.531.765	742.810
7	4.719.459.370	534.534.759	742.478
8	4.719.458.363	534.499.945	742.330
9	4.719.456.029	534.490.733	742.470
10	4.719.457.704	534.489.926	742.493
11	4.719.457.992	534.554.384	738.677
12	4.719.449.187	534.554.126	742.987
13	4.719.455.632	534.556.002	738.735
14	4.719.446.631	534.558.235	743.113
15	4.719.452.786	534.559.107	738.828
16	4.719.455.829	534.558.465	738.623
17	4.719.457.529	534.556.545	738.570
18	4.719.458.664	534.555.153	738.581
19	4.719.439.641	534.567.936	743.338
20	4.719.442.955	534.563.485	743.177
21	4.719.449.728	534.566.217	739.002
22	4.719.452.808	534.564.136	738.000
23	4.719.445.479	534.572.550	738.985
24	4.719.445.387	534.572.708	738.967
25	4.719.445.582	534.572.400	739.004
26	4.719.445.307	534.572.871	738.948
27	4.719.445.239	534.573.040	738.930
28	4.719.445.184	534.573.212	738.911
29	4.719.445.697	534.572.259	739.022
30	4.719.445.143	534.573.388	738.893
31	4.719.445.114	534.573.566	738.874
32	4.719.449.144	534.568.482	738.784
33	4.719.450.210	534.567.270	738.739
34	4.719.454.366	534.561.073	738.260
35	4.719.452.896	534.563.075	738.160
36	4.719.452.935	534.565.369	737.858
37	4.719.453.788	534.564.435	737.799
38	4.719.454.052	534.564.094	737.814
39	4.719.455.652	534.565.359	735.774
40	4.719.455.623	534.565.395	735.774
41	4.719.454.974	534.564.797	736.361
42	4.719.454.858	534.564.762	736.767
43	4.719.455.347	534.565.728	735.773
44	4.719.451.468	534.570.408	735.766
45	4.719.452.497	534.569.166	735.768
46	4.719.454.541	534.566.700	735.772
47	4.719.459.112	534.561.185	735.780
48	4.719.457.234	534.563.451	735.777
49	4.719.454.460	534.571.874	735.768
50	4.719.454.429	534.572.034	735.768
51	4.719.454.408	534.572.196	735.767
52	4.719.454.499	534.571.715	735.768
53	4.719.454.396	534.572.359	735.767
54	4.719.454.546	534.571.559	735.768
55	4.719.454.392	534.572.522	735.767
56	4.719.454.602	534.571.406	735.768

57	4.719.454.398	534.572.686	735.767
58	4.719.454.667	534.571.256	735.768
59	4.719.454.413	534.572.853	735.767
60	4.719.454.738	534.571.111	735.769
61	4.719.454.438	534.573.020	735.767
62	4.719.454.818	534.570.971	735.769
63	4.719.454.472	534.573.184	735.767
64	4.719.454.943	534.570.780	735.769
65	4.719.454.515	534.573.347	735.767
66	4.719.454.567	534.573.507	735.767
67	4.719.455.082	534.570.600	735.769
68	4.719.456.459	534.568.972	735.772
69	4.719.456.995	534.568.338	735.773
70	4.719.457.654	534.567.559	735.774
71	4.719.457.878	534.567.293	735.774
72	4.719.457.903	534.567.264	735.774
73	4.719.457.992	534.567.158	735.774
74	4.719.459.282	534.565.634	735.777
75	4.719.457.359	534.572.505	732.800
76	4.719.458.727	534.570.869	732.814
77	4.719.457.476	534.572.603	732.800
78	4.719.459.260	534.570.233	732.820
80	4.719.442.477	534.630.175	735.068
81	4.719.445.495	534.617.427	734.974
82	4.719.457.038	534.625.035	732.016
83	4.719.456.958	534.631.479	731.989
84	4.719.458.149	534.611.798	732.472
85	4.719.457.631	534.617.351	732.050
86	4.719.456.207	534.612.463	732.080
87	4.719.459.213	534.606.670	732.890
88	4.719.457.363	534.606.948	732.151
89	4.719.453.314	534.645.158	731.809
90	4.719.451.095	534.644.859	734.315
91	4.719.453.794	534.638.447	731.851
92	4.719.451.769	534.638.194	734.248
93	4.719.454.615	534.631.645	731.898
94	4.719.452.495	534.631.016	734.175
95	4.719.448.302	534.629.751	734.413
96	4.719.455.294	534.625.356	731.951
97	4.719.452.824	534.625.120	734.324
98	4.719.449.395	534.616.792	734.572
99	4.719.453.073	534.620.651	734.438
100	4.719.455.727	534.617.241	732.020
101	4.719.453.292	534.616.724	734.537
102	4.719.453.525	534.612.379	734.664
103	4.719.454.277	534.607.558	734.798
104	4.719.458.861	534.600.931	732.242
105	4.719.455.616	534.603.189	734.942
106	4.719.456.892	534.598.719	735.103
107	4.719.441.978	534.617.555	735.698
108	4.719.437.144	534.621.130	736.669
109	4.719.436.890	534.626.021	736.602
110	4.719.437.074	534.629.325	736.551
111	4.719.437.883	534.635.180	735.936
112	4.719.449.204	534.645.551	734.185
113	4.719.445.689	534.647.552	734.833
114	4.719.431.037	534.626.805	739.690
115	4.719.437.703	534.643.783	740.074

116	4.719.442.755	534.644.349	735.216
117	4.719.439.701	534.639.703	735.460
118	4.719.436.023	534.640.915	740.179
119	4.719.434.343	534.637.554	740.293
120	4.719.433.011	534.634.511	740.404
121	4.719.432.258	534.632.222	740.451
122	4.719.430.086	534.628.325	739.906
123	4.719.428.654	534.630.926	741.287
124	4.719.430.955	534.634.685	740.669
125	4.719.429.043	534.638.104	740.883
126	4.719.427.401	534.633.024	741.905
127	4.719.425.287	534.637.261	742.864
128	4.719.434.999	534.578.580	743.457
129	4.719.452.799	534.584.645	736.021
130	4.719.450.512	534.587.424	736.025
131	4.719.444.958	534.586.204	738.868
132	4.719.448.251	534.590.576	736.033
133	4.719.439.257	534.592.583	740.687
134	4.719.435.118	534.596.021	741.762
135	4.719.431.302	534.600.553	741.846
136	4.719.429.337	534.603.488	741.927
137	4.719.428.222	534.606.880	741.985
138	4.719.426.665	534.610.418	742.044
139	4.719.425.053	534.613.020	742.182
140	4.719.422.230	534.618.340	742.415
141	4.719.420.563	534.622.391	742.545
142	4.719.437.351	534.573.575	743.426
143	4.719.443.473	534.574.370	739.228
144	4.719.440.595	534.581.044	740.147
145	4.719.398.016	534.646.584	745.570
146	4.719.413.311	534.640.220	744.031
147	4.719.411.051	534.640.763	744.350
148	4.719.416.344	534.639.936	743.598
149	4.719.419.395	534.638.822	743.112
150	4.719.420.640	534.637.432	742.830
151	4.719.424.621	534.631.473	741.700
152	4.719.422.101	534.635.853	742.560
153	4.719.452.463	534.597.248	735.448
154	4.719.455.070	534.596.042	735.349
155	4.719.458.209	534.594.715	735.239
156	4.719.398.432	534.642.477	745.720
157	4.719.398.692	534.638.484	745.960
158	4.719.455.819	534.645.073	732.002
159	4.719.454.998	534.645.091	731.676
160	4.719.456.546	534.638.770	731.996
161	4.719.453.938	534.645.177	731.737
162	4.719.454.738	534.645.122	731.806
163	4.719.455.361	534.631.706	731.740
164	4.719.456.235	534.631.720	731.723
165	4.719.456.314	534.617.409	732.009
166	4.719.457.214	534.617.445	732.006
167	4.719.447.006	534.640.059	734.682
168	4.719.449.541	534.609.125	735.181
169	4.719.452.738	534.601.028	735.278
170	4.719.431.555	534.637.628	740.596
171	4.719.445.327	534.580.912	738.261
172	4.719.440.781	534.586.630	740.120
173	4.719.435.116	534.590.702	741.601
174	4.719.435.509	534.593.266	741.822
175	4.719.428.560	534.600.608	742.628
176	4.719.423.235	534.609.900	742.589
177	4.719.418.689	534.620.556	743.037

178	4.719.399.091	534.631.883	746.147
179	4.719.398.986	534.633.857	746.050
180	4.719.418.081	534.639.523	743.320
181	4.719.458.202	534.590.993	735.621
182	4.719.395.912	534.633.334	746.048
183	4.719.396.021	534.631.803	746.110
184	4.719.392.871	534.632.343	746.050
185	4.719.395.152	534.644.045	745.617
186	4.719.392.041	534.645.333	745.480
187	4.719.395.051	534.645.473	745.560
188	4.719.398.242	534.642.813	745.593
189	4.719.445.099	534.573.744	738.856
190	4.719.445.097	534.573.922	738.838
191	4.719.445.108	534.574.099	738.820
192	4.719.445.131	534.574.273	738.802
193	4.719.445.167	534.574.444	738.784
194	4.719.446.794	534.582.056	738.165
195	4.719.446.825	534.582.186	738.196
196	4.719.446.773	534.581.924	738.134
197	4.719.446.882	534.582.308	738.196
198	4.719.446.947	534.582.426	738.196
199	4.719.445.235	534.574.697	738.755
200	4.719.446.220	534.578.433	738.222
201	4.719.445.214	534.574.610	738.767
202	4.719.447.019	534.582.539	738.196
203	4.719.446.761	534.581.792	738.103
204	4.719.447.098	534.582.648	738.197
205	4.719.446.760	534.581.660	738.073
206	4.719.447.185	534.582.751	738.197
207	4.719.446.768	534.581.530	738.042
208	4.719.447.278	534.582.848	738.197
209	4.719.446.786	534.581.403	738.013
210	4.719.447.377	534.582.939	738.197
211	4.719.446.865	534.580.944	737.879
212	4.719.447.482	534.583.023	738.197
213	4.719.448.097	534.583.482	738.164
214	4.719.456.897	534.587.560	735.760
215	4.719.456.977	534.587.628	735.656
216	4.719.448.302	534.583.517	738.061
217	4.719.451.215	534.584.205	736.753
218	4.719.457.664	534.586.774	735.681
219	4.719.454.536	534.585.634	735.760
220	4.719.452.855	534.584.594	736.017
221	4.719.454.144	534.585.314	735.760
222	4.719.452.800	534.584.565	736.029
223	4.719.452.832	534.584.580	736.021
224	4.719.454.639	534.585.718	735.760
225	4.719.457.603	534.586.723	735.761
226	4.719.449.022	534.581.135	735.760
227	4.719.448.969	534.580.692	735.760
228	4.719.449.617	534.581.620	735.760
229	4.719.448.209	534.574.340	735.760
230	4.719.448.664	534.578.140	735.760
231	4.719.452.997	534.584.378	735.760
232	4.719.453.017	534.584.394	735.760
233	4.719.452.970	534.584.356	735.760
234	4.719.451.842	534.583.436	735.760
235	4.719.449.757	534.581.734	735.760
236	4.719.454.629	534.573.664	735.767
237	4.719.454.699	534.573.816	735.767
238	4.719.454.777	534.573.965	735.767
239	4.719.454.864	534.574.109	735.767

240	4.719.454.964	534.574.255	735.767
241	4.719.455.073	534.574.395	735.767
242	4.719.455.190	534.574.528	735.767
243	4.719.455.314	534.574.654	735.767
244	4.719.455.446	534.574.772	735.767
245	4.719.455.563	534.574.870	735.767
246	4.719.458.044	534.576.965	735.767
247	4.719.458.166	534.577.063	735.768
248	4.719.458.294	534.577.154	735.768
249	4.719.458.425	534.577.239	735.768
250	4.719.458.562	534.577.316	735.768
251	4.719.458.702	534.577.386	735.768
252	4.719.458.845	534.577.449	735.768
253	4.719.458.992	534.577.504	735.768
254	4.719.459.141	534.577.551	735.768
255	4.719.459.293	534.577.590	735.768
256	4.719.459.446	534.577.621	735.768
257	4.719.454.014	534.585.302	735.780
258	4.719.453.120	534.586.373	735.808
259	4.719.454.079	534.585.353	735.625
260	4.719.447.870	534.592.391	735.934
261	4.719.437.116	534.603.378	737.024
262	4.719.453.089	534.586.413	735.808
263	4.719.456.835	534.587.511	735.795
264	4.719.433.159	534.608.076	737.770
265	4.719.448.177	534.592.100	735.916
266	4.719.456.876	534.587.544	735.760
267	4.719.425.172	534.619.427	740.257
268	4.719.451.210	534.589.012	735.820
269	4.719.423.176	534.622.377	740.938
270	4.719.456.139	534.588.736	735.655
271	4.719.424.359	534.623.303	741.939
272	4.719.456.112	534.588.780	735.652
273	4.719.454.543	534.591.622	735.401
274	4.719.452.355	534.595.373	735.430
275	4.719.452.158	534.595.749	735.438
276	4.719.445.261	534.609.757	735.519
277	4.719.427.114	534.625.461	742.009
278	4.719.442.285	534.615.222	735.726
279	4.719.429.522	534.627.346	739.971
280	4.719.431.730	534.624.563	739.440
281	4.719.453.270	534.586.194	735.803
282	4.719.445.837	534.594.469	736.140
283	4.719.444.494	534.595.840	736.276
284	4.719.441.981	534.598.407	736.531
285	4.719.441.510	534.598.889	736.579
286	4.719.437.722	534.602.759	736.963
287	4.719.437.298	534.603.192	737.006
288	4.719.454.614	534.585.772	735.658
289	4.719.454.498	534.585.681	735.651
290	4.719.434.367	534.606.642	737.543
291	4.719.434.211	534.606.826	737.572
292	4.719.434.009	534.607.067	737.610
293	4.719.432.754	534.608.651	737.896
294	4.719.430.995	534.611.151	738.444
295	4.719.430.878	534.611.317	738.480
296	4.719.429.623	534.613.102	738.871
297	4.719.429.514	534.613.256	738.905
298	4.719.428.146	534.615.199	739.331
299	4.719.426.795	534.617.120	739.751
300	4.719.426.346	534.617.759	739.891
301	4.719.449.460	534.590.794	735.875

302	4.719.448.506	534.591.764	735.905
303	4.719.452.258	534.587.563	735.813
304	4.719.451.433	534.588.704	735.818
305	4.719.424.837	534.619.921	740.371
306	4.719.423.613	534.621.730	740.789
307	4.719.423.448	534.622.590	741.145
308	4.719.423.823	534.622.884	741.431
309	4.719.424.328	534.623.279	741.816
310	4.719.454.676	534.591.381	735.423
311	4.719.455.850	534.589.254	735.610
312	4.719.452.968	534.594.322	735.422
313	4.719.453.891	534.592.740	735.410
314	4.719.454.280	534.592.072	735.405
315	4.719.445.910	534.608.438	735.512
316	4.719.446.901	534.606.425	735.500
317	4.719.447.788	534.604.624	735.490
318	4.719.449.390	534.601.371	735.471
319	4.719.450.298	534.599.526	735.460
320	4.719.450.932	534.598.240	735.452
321	4.719.451.656	534.596.768	735.444
322	4.719.425.724	534.624.372	741.974
323	4.719.426.498	534.624.979	741.993
324	4.719.427.024	534.625.390	742.007
325	4.719.442.970	534.613.964	735.679
326	4.719.444.711	534.610.766	735.558
327	4.719.427.268	534.625.581	741.880
328	4.719.428.378	534.626.450	740.940
329	4.719.431.952	534.624.367	739.362
330	4.719.432.597	534.623.796	739.135
331	4.719.433.570	534.622.935	738.793
332	4.719.436.091	534.620.704	737.906
333	4.719.437.154	534.619.763	737.532
334	4.719.437.816	534.619.177	737.299
335	4.719.439.799	534.617.422	736.601
336	4.719.441.603	534.615.825	735.966
337	4.719.430.232	534.626.452	739.800
338	4.719.430.577	534.626.016	739.717
339	4.719.429.305	534.622.664	741.394
340	4.719.426.549	534.620.506	741.424
341	4.719.435.096	534.609.592	739.410
342	4.719.437.852	534.611.750	739.380
343	4.719.438.881	534.604.760	738.419
344	4.719.441.636	534.606.918	738.589
345	4.719.448.302	534.592.730	736.199
346	4.719.451.058	534.594.888	736.269
347	4.719.451.316	534.594.558	736.210
348	4.719.448.560	534.592.400	736.140
349	4.719.451.212	534.589.014	735.818
350	4.719.453.968	534.591.172	735.888
351	4.719.453.188	534.586.490	735.624
352	4.719.455.944	534.588.648	735.794
353	4.719.455.975	534.588.608	735.694
354	4.719.453.220	534.586.450	735.624
355	4.719.389.630	534.675.430	744.023
356	4.719.394.820	534.593.500	747.200
357	4.719.400.392	534.601.811	747.070
358	4.719.400.130	534.612.057	746.800
359	4.719.400.395	534.598.381	747.190
360	4.719.399.864	534.617.373	746.480
361	4.719.402.165	534.598.140	745.999
362	4.719.399.005	534.633.495	746.110
363	4.719.427.193	534.625.523	742.076

364	4.719.402.787	534.602.531	745.810
365	4.719.424.330	534.623.340	741.948
366	4.719.423.405	534.622.611	741.163
367	4.719.397.780	534.649.548	745.300
368	4.719.404.702	534.617.316	745.294
369	4.719.404.702	534.617.316	745.294
370	4.719.396.098	534.670.663	744.340
371	4.719.424.598	534.630.903	741.617
372	4.719.424.694	534.630.780	741.603
373	4.719.421.753	534.624.354	741.706
374	4.719.406.479	534.621.011	744.960
375	4.719.405.640	534.619.840	745.109
376	4.719.397.731	534.671.070	743.218
377	4.719.425.909	534.627.164	742.196
378	4.719.426.179	534.627.375	741.900
379	4.719.425.263	534.629.252	741.793
380	4.719.405.018	534.618.538	745.226
381	4.719.421.248	534.634.032	742.473
382	4.719.423.727	534.631.748	741.859
383	4.719.424.448	534.631.006	741.669
384	4.719.413.638	534.626.935	743.688
385	4.719.411.726	534.626.421	744.023
386	4.719.420.733	534.625.338	742.141
387	4.719.420.632	534.634.621	742.580
388	4.719.423.976	534.631.368	741.832
389	4.719.397.977	534.670.079	743.264
390	4.719.424.228	534.631.122	741.758
391	4.719.408.785	534.624.641	744.543
392	4.719.407.778	534.623.539	744.718
393	4.719.409.996	534.625.580	744.338
394	4.719.415.178	534.627.266	743.544
395	4.719.419.531	534.626.295	742.641
396	4.719.418.174	534.626.901	743.006
397	4.719.424.241	534.631.109	741.754
398	4.719.407.003	534.622.315	744.858
399	4.719.416.767	534.627.360	743.389
400	4.719.419.655	534.626.241	742.615
401	4.719.397.873	534.670.004	743.346
402	4.719.399.549	534.662.250	743.865
403	4.719.424.227	534.631.121	741.759
404	4.719.406.478	534.621.011	744.960
405	4.719.419.046	534.635.452	743.081
406	4.719.416.730	534.637.033	743.527
407	4.719.415.969	534.637.498	743.663
408	4.719.416.219	534.637.339	743.623
409	4.719.414.936	534.638.153	743.808
410	4.719.416.399	534.637.222	743.595
411	4.719.400.420	534.657.968	744.188
412	4.719.413.444	534.639.026	743.998
413	4.719.412.872	534.639.322	744.073
414	4.719.401.922	534.651.444	744.567
415	4.719.411.075	534.640.108	744.334
416	4.719.402.935	534.648.303	744.702
417	4.719.404.044	534.646.474	744.727
418	4.719.410.613	534.640.344	744.367
419	4.719.401.924	534.651.427	744.568
420	4.719.401.994	534.650.860	744.608
421	4.719.410.098	534.640.562	744.425
422	4.719.410.098	534.640.563	744.424
423	4.719.402.097	534.650.296	744.639
424	4.719.404.658	534.645.219	744.760
425	4.719.405.425	534.644.041	744.771

426	4.719.404.043	534.646.473	744.728
427	4.719.406.629	534.642.698	744.737
428	4.719.408.028	534.641.567	744.660
429	4.719.423.800	534.622.922	741.498
430	4.719.424.348	534.623.317	741.942
431	4.719.424.669	534.630.812	741.607
432	4.719.426.745	534.626.096	742.118
433	4.719.425.830	534.627.102	742.196
434	4.719.422.467	534.625.232	742.460
435	4.719.400.992	534.602.775	747.018
436	4.719.402.999	534.617.547	746.440
437	4.719.403.287	534.618.995	746.420
438	4.719.403.836	534.620.602	746.415
439	4.719.404.619	534.622.139	746.409
440	4.719.404.617	534.622.135	746.410
441	4.719.405.565	534.623.483	746.093
442	4.719.406.699	534.624.697	745.773
443	4.719.408.006	534.625.754	745.449
444	4.719.409.466	534.626.628	745.121
445	4.719.409.970	534.640.250	744.650
446	4.719.411.427	534.627.413	744.714
447	4.719.410.495	534.640.047	744.580
448	4.719.409.979	534.640.247	744.649
449	4.719.413.535	534.627.846	744.299
450	4.719.414.801	534.637.926	743.984
451	4.719.413.306	534.638.761	744.197
452	4.719.412.738	534.639.050	744.276
453	4.719.410.969	534.639.855	744.517
454	4.719.415.195	534.627.919	743.979
455	4.719.416.561	534.636.790	743.724
456	4.719.416.251	534.637.003	743.771
457	4.719.416.074	534.637.122	743.797
458	4.719.415.829	534.637.284	743.834
459	4.719.418.756	534.635.108	743.381
460	4.719.416.833	534.627.765	743.662
461	4.719.418.329	534.627.420	743.367
462	4.719.420.617	534.633.400	743.068
463	4.719.420.023	534.633.977	743.171
464	4.719.419.791	534.626.878	743.066
465	4.719.422.785	534.630.989	742.666
466	4.719.419.922	534.626.819	743.039
467	4.719.423.055	534.630.648	742.612
468	4.719.421.219	534.626.121	742.755
469	4.719.423.612	534.629.933	742.519
470	4.719.423.516	534.630.056	742.533
471	4.719.423.409	534.630.192	742.548
472	4.719.423.280	534.630.357	742.567
473	4.719.423.269	534.630.371	742.569
474	4.719.423.260	534.630.382	742.570
475	4.719.424.571	534.628.709	742.379
476	4.719.403.119	534.645.912	745.449
477	4.719.403.639	534.646.214	745.048
478	4.719.403.132	534.645.889	745.450
479	4.719.404.006	534.644.692	745.318
480	4.719.400.942	534.651.200	745.240
481	4.719.401.085	534.650.620	745.235
482	4.719.399.325	534.657.696	744.940
483	4.719.401.247	534.650.042	745.230
484	4.719.401.251	534.650.031	745.230
485	4.719.402.065	534.647.908	745.340
486	4.719.396.344	534.669.673	744.386
487	4.719.407.872	534.641.311	744.859

488	4.719.406.362	534.642.361	745.023
489	4.719.404.979	534.643.602	745.188
490	4.719.398.271	534.661.932	744.744
491	4.719.396.356	534.669.626	744.388
492	4.719.402.500	534.633.689	745.980
493	4.719.401.927	534.642.670	745.650
494	4.719.401.511	534.646.777	745.500
495	4.719.500.567	534.471.719	737.236
496	4.719.459.714	534.516.321	742.570
497	4.719.460.190	534.512.061	742.453
498	4.719.460.120	534.510.010	742.396
499	4.719.460.010	534.515.000	742.534
500	4.719.460.003	534.508.684	742.360
501	4.719.501.730	534.514.510	734.973
502	4.719.501.423	534.509.299	735.529
503	4.719.500.611	534.508.039	735.690
504	4.719.499.996	534.509.521	735.572
505	4.719.499.471	534.508.816	735.506
506	4.719.492.166	534.511.191	734.801
507	4.719.492.104	534.510.922	734.801
508	4.719.492.404	534.511.107	734.778
509	4.719.492.342	534.510.838	734.845
510	4.719.491.689	534.509.010	734.993
511	4.719.487.538	534.510.382	734.960
512	4.719.495.851	534.502.556	735.163
513	4.719.496.042	534.502.476	734.979
514	4.719.496.036	534.502.530	734.667
515	4.719.496.558	534.502.126	735.081
516	4.719.496.176	534.501.797	735.125
517	4.719.496.375	534.501.656	735.053
518	4.719.496.224	534.500.801	734.826
519	4.719.499.895	534.520.041	734.944
520	4.719.496.415	534.521.037	734.567
521	4.719.498.042	534.522.049	734.325
522	4.719.495.852	534.512.441	734.661
523	4.719.495.383	534.508.928	734.856
524	4.719.495.216	534.505.384	735.042
525	4.719.492.004	534.501.986	735.073
526	4.719.495.272	534.503.254	734.972
527	4.719.495.566	534.502.827	735.105
528	4.719.495.615	534.503.002	735.051
529	4.719.495.787	534.502.980	735.096
530	4.719.499.654	534.507.197	735.445
531	4.719.498.956	534.509.755	734.838
532	4.719.499.002	534.509.677	735.299
533	4.719.499.048	534.512.884	734.977
534	4.719.501.418	534.509.417	735.047
535	4.719.499.884	534.520.021	734.946
536	4.719.499.933	534.522.865	734.107
537	4.719.499.511	534.520.068	734.133
538	4.719.498.811	534.516.303	734.217
539	4.719.498.340	534.513.015	734.292
540	4.719.498.109	534.511.096	734.293
541	4.719.498.745	534.522.277	734.019
542	4.719.498.377	534.520.598	734.093
543	4.719.496.905	534.518.032	734.372
544	4.719.497.504	534.518.610	734.127
545	4.719.497.177	534.516.578	734.159
546	4.719.496.421	534.515.446	734.507
547	4.719.496.841	534.514.866	734.176
548	4.719.496.583	534.512.578	734.191
549	4.719.496.220	534.509.352	734.212

550	4.719.497.856	534.509.369	734.295
551	4.719.495.967	534.507.104	734.226
552	4.719.497.530	534.507.619	734.296
553	4.719.496.247	534.503.600	734.362
554	4.719.495.898	534.505.554	734.298
555	4.719.496.792	534.502.540	734.405
556	4.719.497.186	534.501.831	734.427
557	4.719.497.823	534.502.694	734.403
558	4.719.497.908	534.501.831	734.430
559	4.719.497.210	534.501.153	734.437
560	4.719.497.159	534.500.739	734.543
561	4.719.496.956	534.500.294	734.554
562	4.719.496.540	534.499.479	734.555
563	4.719.496.329	534.498.560	734.555
564	4.719.495.597	534.496.605	735.082
565	4.719.496.353	534.496.596	734.586
566	4.719.495.697	534.494.383	734.958
567	4.719.496.227	534.493.940	734.628
568	4.719.497.375	534.495.384	734.608
569	4.719.495.639	534.493.402	734.848
570	4.719.495.770	534.490.426	734.675
571	4.719.497.072	534.493.316	734.626
572	4.719.496.621	534.490.233	734.654
573	4.719.495.301	534.491.173	734.916
574	4.719.496.128	534.488.248	734.711
575	4.719.495.024	534.488.032	734.734
576	4.719.495.593	534.486.095	734.774
577	4.719.493.757	534.485.117	735.241
578	4.719.494.552	534.485.298	734.810
579	4.719.494.533	534.484.390	734.765
580	4.719.494.428	534.483.586	734.910
581	4.719.494.495	534.479.684	734.952
582	4.719.493.349	534.479.910	734.965
583	4.719.491.858	534.476.196	735.480
584	4.719.492.183	534.475.940	735.024
585	4.719.495.679	534.475.464	736.676
586	4.719.497.959	534.474.657	737.193
587	4.719.496.596	534.478.395	736.664
588	4.719.499.381	534.480.533	737.200
589	4.719.497.411	534.481.673	736.650
590	4.719.500.231	534.484.044	737.204
591	4.719.498.514	534.486.404	736.656
592	4.719.501.421	534.488.963	737.210
593	4.719.499.531	534.490.473	736.660
594	4.719.500.663	534.494.202	736.617
595	4.719.501.483	534.497.770	736.577
596	4.719.501.827	534.500.222	736.514
597	4.719.501.924	534.502.316	736.446
598	4.719.501.943	534.503.683	736.494
599	4.719.494.210	534.475.904	735.245
600	4.719.494.980	534.479.057	735.273
601	4.719.493.656	534.475.647	735.023
602	4.719.495.842	534.483.104	735.308
603	4.719.495.262	534.483.371	734.888
604	4.719.495.239	534.484.667	734.815
605	4.719.496.570	534.485.950	735.331
606	4.719.497.211	534.489.143	735.360
607	4.719.497.695	534.491.589	735.356
608	4.719.498.091	534.494.323	735.350
609	4.719.497.453	534.498.378	734.583
610	4.719.498.435	534.497.423	735.153
611	4.719.497.643	534.499.320	734.563

612	4.719.497.526	534.497.074	734.594
613	4.719.498.075	534.500.090	734.546
614	4.719.498.621	534.501.093	734.930
615	4.719.498.113	534.500.780	734.427
616	4.719.498.520	534.502.664	734.938
617	4.719.498.311	534.503.807	734.936
618	4.719.497.455	534.503.917	734.350
619	4.719.498.101	534.505.070	734.941
620	4.719.497.213	534.505.569	734.271
621	4.719.498.050	534.506.570	734.945
622	4.719.498.210	534.507.674	734.947
623	4.719.498.480	534.508.526	734.991
624	4.719.498.894	534.509.094	735.033
625	4.719.493.466	534.490.576	736.176
626	4.719.490.605	534.490.619	735.780
627	4.719.491.862	534.481.927	735.733
628	4.719.490.456	534.476.408	735.912
629	4.719.490.149	534.476.504	736.218
630	4.719.493.332	534.488.284	735.480
631	4.719.492.064	534.484.630	736.194
632	4.719.494.704	534.494.491	735.324
633	4.719.494.198	534.493.682	736.167
634	4.719.494.451	534.494.568	736.041
635	4.719.495.115	534.497.500	735.177
636	4.719.494.819	534.497.293	735.516
637	4.719.463.086	534.520.311	742.301
638	4.719.463.458	534.506.741	742.292
639	4.719.461.916	534.501.214	742.328
640	4.719.482.477	534.490.467	735.520
641	4.719.478.939	534.488.399	735.920
642	4.719.479.371	534.491.663	735.710
643	4.719.477.682	534.490.865	735.902
644	4.719.480.044	534.485.825	735.947
645	4.719.464.015	534.488.294	739.909
646	4.719.480.904	534.483.076	735.955
647	4.719.465.895	534.494.987	739.604
648	4.719.467.951	534.501.445	739.293
649	4.719.468.608	534.506.298	739.060
650	4.719.492.497	534.475.971	734.883
651	4.719.492.876	534.475.747	734.835
652	4.719.493.316	534.475.695	734.889
653	4.719.495.100	534.483.462	734.825
654	4.719.494.774	534.483.564	734.760
655	4.719.494.936	534.484.805	734.690
656	4.719.497.316	534.496.598	734.474
657	4.719.496.550	534.496.619	734.439
658	4.719.496.939	534.496.611	734.496
659	4.719.496.743	534.498.167	734.248
660	4.719.496.852	534.498.714	734.097
661	4.719.497.601	534.500.732	734.401
662	4.719.496.994	534.503.573	734.292
663	4.719.496.693	534.503.426	734.247
664	4.719.496.406	534.503.223	734.176
665	4.719.496.294	534.505.618	734.113
666	4.719.496.539	534.505.608	734.100
667	4.719.496.794	534.505.613	734.141
668	4.719.499.202	534.520.145	734.001
669	4.719.497.070	534.514.811	734.079
670	4.719.498.558	534.520.557	733.953
671	4.719.468.347	534.493.285	738.285
672	4.719.469.710	534.501.082	738.638
673	4.719.471.399	534.507.775	738.410

674	4.719.495.056	534.518.110	735.060
675	4.719.489.081	534.519.280	735.395
676	4.719.488.367	534.504.075	735.354
677	4.719.491.694	534.495.522	736.022
678	4.719.487.368	534.490.291	735.320
679	4.719.484.730	534.493.094	735.825
680	4.719.486.094	534.499.007	735.394
681	4.719.488.597	534.486.204	735.402
682	4.719.485.834	534.479.834	735.843
683	4.719.463.562	534.512.108	742.240
684	4.719.463.480	534.512.574	742.240
685	4.719.463.401	534.513.215	742.246
686	4.719.463.373	534.513.506	742.255
687	4.719.463.426	534.513.045	742.239
688	4.719.463.673	534.511.647	742.241
689	4.719.463.367	534.513.620	742.256
690	4.719.464.114	534.511.302	741.971
691	4.719.464.588	534.511.007	741.701
692	4.719.465.090	534.510.767	741.433
693	4.719.463.380	534.514.339	742.257
694	4.719.465.612	534.510.582	741.165
695	4.719.463.467	534.516.293	742.257
696	4.719.466.148	534.510.455	740.899
697	4.719.466.692	534.510.386	740.635
698	4.719.467.234	534.510.374	740.372
699	4.719.464.471	534.519.628	741.684
700	4.719.467.770	534.510.419	740.113
701	4.719.464.763	534.520.829	741.524
702	4.719.468.291	534.510.518	739.857
703	4.719.468.733	534.510.623	739.604
704	4.719.469.124	534.510.729	739.378
705	4.719.477.950	534.513.542	736.700
706	4.719.487.850	534.512.632	735.092
707	4.719.487.875	534.512.717	735.094
708	4.719.487.894	534.512.803	735.095
709	4.719.487.909	534.512.889	735.096
710	4.719.487.918	534.512.976	735.098
711	4.719.487.923	534.513.063	735.099
712	4.719.487.922	534.513.150	735.101
713	4.719.487.718	534.520.513	735.402
714	4.719.487.622	534.519.349	735.483
715	4.719.471.699	534.513.805	736.700
716	4.719.471.825	534.515.757	736.673
717	4.719.471.941	534.513.795	736.700
718	4.719.486.323	534.513.188	736.700
719	4.719.486.471	534.519.376	736.635
720	4.719.481.907	534.513.375	736.700
721	4.719.472.120	534.520.356	736.610
722	4.719.486.498	534.520.542	736.622
723	4.719.472.042	534.519.141	736.626
724	4.719.479.367	534.513.482	736.700
725	4.719.473.996	534.513.708	736.700
726	4.719.477.222	534.513.572	736.700
727	4.719.479.842	534.513.462	736.700
728	4.719.481.206	534.513.404	736.700
729	4.719.472.821	534.492.369	737.124
730	4.719.472.819	534.492.391	737.124
731	4.719.472.824	534.492.347	737.123
732	4.719.472.743	534.493.762	737.048
733	4.719.472.828	534.492.324	737.123
734	4.719.472.754	534.496.379	737.059
735	4.719.472.832	534.492.303	737.122

736	4.719.472.838	534.492.281	737.121
737	4.719.472.489	534.507.628	738.054
738	4.719.472.844	534.492.260	737.121
739	4.719.473.014	534.499.660	737.319
740	4.719.472.851	534.492.238	737.120
741	4.719.472.964	534.504.110	737.737
742	4.719.472.859	534.492.217	737.120
743	4.719.473.245	534.503.155	737.550
744	4.719.472.868	534.492.197	737.119
745	4.719.472.878	534.492.176	737.119
746	4.719.472.888	534.492.156	737.118
747	4.719.472.900	534.492.137	737.117
748	4.719.472.912	534.492.117	737.117
749	4.719.472.925	534.492.098	737.116
750	4.719.472.939	534.492.080	737.111
751	4.719.472.954	534.492.063	737.107
752	4.719.472.970	534.492.046	737.102
753	4.719.472.987	534.492.029	737.097
754	4.719.473.005	534.492.013	737.092
755	4.719.473.023	534.491.997	737.087
756	4.719.473.042	534.491.983	737.082
757	4.719.473.063	534.491.968	737.077
758	4.719.473.083	534.491.955	737.072
759	4.719.473.105	534.491.942	737.066
760	4.719.473.128	534.491.930	737.061
761	4.719.473.151	534.491.919	737.056
762	4.719.473.175	534.491.909	737.050
763	4.719.473.200	534.491.899	737.045
764	4.719.473.226	534.491.891	737.039
765	4.719.473.253	534.491.884	737.033
766	4.719.473.280	534.491.878	737.027
767	4.719.473.308	534.491.873	737.022
768	4.719.473.336	534.491.870	737.016
769	4.719.473.366	534.491.868	737.009
770	4.719.473.395	534.491.868	737.003
771	4.719.473.425	534.491.869	736.997
772	4.719.473.752	534.491.884	736.905
773	4.719.474.096	534.508.016	737.550
774	4.719.477.397	534.492.072	735.894
775	4.719.478.683	534.492.371	735.757
776	4.719.479.855	534.492.734	735.719
777	4.719.481.800	534.493.322	735.640
778	4.719.483.355	534.494.012	735.785
779	4.719.483.630	534.494.134	735.783
780	4.719.483.544	534.494.095	735.789
781	4.719.483.457	534.494.061	735.795
782	4.719.483.714	534.494.177	735.777
783	4.719.483.796	534.494.225	735.770
784	4.719.483.876	534.494.277	735.764
785	4.719.483.953	534.494.333	735.758
786	4.719.484.028	534.494.393	735.752
787	4.719.484.099	534.494.457	735.745
788	4.719.484.168	534.494.525	735.739
789	4.719.484.232	534.494.597	735.733
790	4.719.484.294	534.494.672	735.726
791	4.719.484.351	534.494.751	735.720
792	4.719.484.405	534.494.833	735.713
793	4.719.484.454	534.494.918	735.707
794	4.719.484.499	534.495.006	735.700
795	4.719.484.539	534.495.096	735.694
796	4.719.484.575	534.495.189	735.687
797	4.719.484.605	534.495.284	735.681

798	4.719.484.956	534.499.066	735.373
799	4.719.484.631	534.495.381	735.674
800	4.719.484.651	534.495.479	735.668
801	4.719.484.675	534.495.680	735.654
802	4.719.484.666	534.495.579	735.661
803	4.719.484.846	534.498.175	735.483
804	4.719.482.780	534.501.446	737.550
805	4.719.480.261	534.503.532	737.550
806	4.719.479.258	534.494.465	737.550
807	4.719.481.178	534.495.128	737.550
808	4.719.482.780	534.495.680	737.550
809	4.719.480.261	534.508.016	737.550
810	4.719.473.245	534.504.110	737.550
811	4.719.473.245	534.499.660	737.550
812	4.719.473.245	534.492.391	737.550
813	4.719.473.245	534.493.762	737.550
814	4.719.473.542	534.492.494	737.550
815	4.719.473.245	534.508.016	737.550
816	4.719.473.245	534.507.628	737.550
817	4.719.473.245	534.496.379	737.550
818	4.719.478.098	534.494.065	737.550
819	4.719.476.857	534.493.637	737.550
820	4.719.484.948	534.501.226	735.382
821	4.719.470.850	534.509.133	738.660
822	4.719.470.698	534.509.248	738.717
823	4.719.472.465	534.507.867	738.070
824	4.719.469.330	534.510.379	739.199
825	4.719.469.041	534.511.460	739.040
826	4.719.469.761	534.510.055	739.036
827	4.719.470.976	534.509.038	738.613
828	4.719.485.272	534.502.619	735.375
829	4.719.485.241	534.502.489	735.376
830	4.719.469.582	534.510.209	739.098
831	4.719.472.443	534.507.885	738.078
832	4.719.485.301	534.502.742	735.374
833	4.719.485.040	534.501.634	735.382
834	4.719.485.037	534.501.620	735.382
835	4.719.485.042	534.501.639	735.382
836	4.719.469.384	534.510.381	739.165
837	4.719.471.082	534.508.959	738.572
838	4.719.485.031	534.501.594	735.382
839	4.719.471.172	534.508.894	738.538
840	4.719.485.761	534.504.695	735.360
841	4.719.487.423	534.510.249	734.971
842	4.719.485.023	534.501.557	735.382
843	4.719.471.247	534.508.840	738.509
844	4.719.487.464	534.510.394	734.964
845	4.719.487.454	534.510.361	734.965
846	4.719.487.451	534.510.350	734.966
847	4.719.485.011	534.501.508	735.383
848	4.719.471.310	534.508.795	738.484
849	4.719.487.452	534.510.352	734.966
850	4.719.484.997	534.501.448	735.383
851	4.719.471.365	534.508.759	738.463
852	4.719.487.473	534.510.452	734.967
853	4.719.487.453	534.510.355	734.966
854	4.719.484.981	534.501.375	735.383
855	4.719.471.510	534.508.660	738.405
856	4.719.487.669	534.511.639	735.040
857	4.719.487.622	534.511.359	735.024
858	4.719.487.586	534.511.148	735.011
859	4.719.487.483	534.510.510	734.971

860	4.719.487.480	534.510.495	734.970
861	4.719.487.453	534.510.357	734.965
862	4.719.484.986	534.501.397	735.383
863	4.719.471.411	534.508.728	738.444
864	4.719.487.731	534.512.001	735.060
865	4.719.487.560	534.510.989	735.002
866	4.719.487.478	534.510.483	734.969
867	4.719.487.454	534.510.359	734.965
868	4.719.487.830	534.512.575	735.091
869	4.719.471.451	534.508.703	738.428
870	4.719.487.807	534.512.442	735.084
871	4.719.487.540	534.510.869	734.995
872	4.719.487.476	534.510.473	734.969
873	4.719.487.525	534.510.778	734.989
874	4.719.487.475	534.510.465	734.968
875	4.719.487.514	534.510.708	734.984
876	4.719.487.474	534.510.458	734.968
877	4.719.487.505	534.510.653	734.981
878	4.719.487.498	534.510.611	734.978
879	4.719.487.493	534.510.577	734.976
880	4.719.487.489	534.510.549	734.974
881	4.719.487.485	534.510.527	734.972
882	4.719.469.228	534.510.760	739.142
883	4.719.482.900	534.501.844	737.521
884	4.719.482.944	534.501.990	737.511
885	4.719.482.950	534.502.011	737.509
886	4.719.482.965	534.502.061	737.506
887	4.719.482.983	534.502.120	737.501
888	4.719.482.998	534.502.168	737.498
889	4.719.483.008	534.502.204	737.495
890	4.719.483.016	534.502.229	737.493
891	4.719.483.020	534.502.244	737.492
892	4.719.483.022	534.502.249	737.492
893	4.719.483.274	534.503.083	737.432
894	4.719.483.312	534.503.210	737.422
895	4.719.483.349	534.503.331	737.414
896	4.719.483.927	534.505.248	737.275
897	4.719.485.602	534.510.798	736.873
898	4.719.485.632	534.510.899	736.866
899	4.719.485.633	534.510.901	736.866
900	4.719.485.634	534.510.904	736.865
901	4.719.485.634	534.510.906	736.865
902	4.719.485.635	534.510.908	736.865
903	4.719.485.636	534.510.910	736.865
904	4.719.485.646	534.510.943	736.863
905	4.719.485.662	534.510.999	736.859
906	4.719.485.664	534.511.004	736.858
907	4.719.485.666	534.511.011	736.858
908	4.719.485.668	534.511.019	736.857
909	4.719.485.671	534.511.028	736.856
910	4.719.485.675	534.511.040	736.856
911	4.719.485.679	534.511.054	736.855
912	4.719.485.684	534.511.071	736.853
913	4.719.485.691	534.511.092	736.852
914	4.719.485.699	534.511.118	736.850
915	4.719.485.708	534.511.151	736.848
916	4.719.485.721	534.511.192	736.845
917	4.719.485.737	534.511.244	736.841
918	4.719.485.757	534.511.312	736.836
919	4.719.485.783	534.511.399	736.830
920	4.719.485.818	534.511.515	736.821
921	4.719.485.864	534.511.667	736.810

922	4.719.485.926	534.511.871	736.795
923	4.719.486.007	534.512.140	736.776
924	4.719.486.112	534.512.489	736.751
925	4.719.486.241	534.512.914	736.720
926	4.719.486.279	534.513.043	736.711
927	4.719.472.396	534.511.197	737.083
928	4.719.472.107	534.512.278	736.924
929	4.719.472.399	534.511.186	737.085
930	4.719.472.455	534.510.976	737.115
931	4.719.472.505	534.510.788	737.143
932	4.719.472.769	534.509.801	737.288
933	4.719.472.807	534.509.655	737.309
934	4.719.472.839	534.509.535	737.327
935	4.719.472.866	534.509.435	737.342
936	4.719.472.888	534.509.352	737.354
937	4.719.472.907	534.509.283	737.364
938	4.719.472.922	534.509.226	737.372
939	4.719.472.935	534.509.178	737.379
940	4.719.472.945	534.509.138	737.385
941	4.719.472.954	534.509.104	737.390
942	4.719.472.969	534.509.050	737.398
943	4.719.473.224	534.508.094	737.539
944	4.719.473.230	534.508.071	737.542
945	4.719.474.589	534.518.710	736.632
946	4.719.474.581	534.518.820	736.631
947	4.719.474.602	534.518.600	736.633
948	4.719.474.622	534.518.491	736.634
949	4.719.474.579	534.518.931	736.629
950	4.719.474.647	534.518.383	736.636
951	4.719.474.678	534.518.276	736.637
952	4.719.474.714	534.518.172	736.638
953	4.719.474.757	534.518.069	736.639
954	4.719.474.804	534.517.968	736.641
955	4.719.474.583	534.519.041	736.628
956	4.719.474.857	534.517.871	736.642
957	4.719.474.915	534.517.776	736.643
958	4.719.474.978	534.517.684	736.645
959	4.719.475.046	534.517.596	736.646
960	4.719.475.119	534.517.511	736.647
961	4.719.474.667	534.520.389	736.612
962	4.719.475.228	534.517.400	736.649
963	4.719.475.345	534.517.297	736.650
964	4.719.475.432	534.517.230	736.650
965	4.719.475.523	534.517.167	736.651
966	4.719.475.617	534.517.109	736.652
967	4.719.475.714	534.517.057	736.652
968	4.719.475.814	534.517.009	736.653
969	4.719.475.916	534.516.967	736.653
970	4.719.476.020	534.516.930	736.654
971	4.719.476.126	534.516.899	736.654
972	4.719.476.234	534.516.873	736.655
973	4.719.476.343	534.516.853	736.656
974	4.719.476.452	534.516.839	736.656
975	4.719.476.563	534.516.831	736.657
976	4.719.481.160	534.516.666	736.664
977	4.719.481.268	534.516.663	736.663
978	4.719.481.377	534.516.667	736.662
979	4.719.481.485	534.516.676	736.661
980	4.719.481.592	534.516.691	736.661
981	4.719.481.698	534.516.712	736.660
982	4.719.481.804	534.516.738	736.659
983	4.719.481.907	534.516.770	736.658

984	4.719.482.009	534.516.807	736.658
985	4.719.482.108	534.516.850	736.657
986	4.719.482.206	534.516.898	736.656
987	4.719.482.300	534.516.951	736.656
988	4.719.482.391	534.517.009	736.655
989	4.719.482.480	534.517.072	736.654
990	4.719.482.564	534.517.139	736.653
991	4.719.482.646	534.517.210	736.653
992	4.719.482.723	534.517.286	736.652
993	4.719.482.796	534.517.366	736.651
994	4.719.482.864	534.517.449	736.650
995	4.719.482.928	534.517.536	736.650
996	4.719.482.988	534.517.626	736.649
997	4.719.483.042	534.517.719	736.648
998	4.719.483.092	534.517.815	736.648
999	4.719.483.136	534.517.913	736.647
1000	4.719.483.175	534.518.014	736.646
1001	4.719.483.209	534.518.116	736.645
1002	4.719.483.237	534.518.220	736.645
1003	4.719.483.259	534.518.325	736.644
1004	4.719.483.276	534.518.431	736.643
1005	4.719.483.288	534.518.538	736.643
1006	4.719.483.294	534.518.645	736.642
1007	4.719.483.297	534.518.753	736.641
1008	4.719.483.300	534.518.862	736.639
1009	4.719.483.303	534.518.972	736.638
1010	4.719.483.306	534.519.084	736.637
1011	4.719.483.309	534.519.198	736.635
1012	4.719.483.313	534.519.316	736.634
1013	4.719.483.316	534.519.437	736.632
1014	4.719.483.320	534.519.563	736.631
1015	4.719.483.323	534.519.696	736.629
1016	4.719.483.327	534.519.835	736.628
1017	4.719.483.331	534.519.984	736.626
1018	4.719.483.336	534.520.143	736.624
1019	4.719.483.341	534.520.314	736.622
1020	4.719.483.346	534.520.501	736.620
1021	4.719.483.352	534.520.732	736.616
1022	4.719.483.359	534.520.993	736.613
1023	4.719.483.367	534.521.292	736.609
1024	4.719.476.658	534.518.936	734.550
1025	4.719.481.254	534.518.727	734.600
1026	4.719.476.727	534.520.285	734.550
1027	4.719.483.229	534.513.319	736.700
1028	4.719.460.531	534.531.778	742.365
1029	4.719.459.551	534.565.316	735.777
1030	4.719.459.736	534.565.096	735.777
1031	4.719.460.251	534.569.047	732.830
1032	4.719.460.162	534.569.154	732.829
1033	4.719.460.138	534.569.183	732.829
1034	4.719.459.914	534.569.450	732.827
1035	4.719.500.906	534.525.746	735.244
1036	4.719.500.977	534.526.220	735.031
1037	4.719.500.489	534.524.137	734.906
1038	4.719.495.660	534.524.899	734.566
1039	4.719.498.026	534.523.216	734.211
1040	4.719.497.675	534.524.850	734.366
1041	4.719.498.804	534.543.048	733.941
1042	4.719.498.424	534.541.841	733.512
1043	4.719.500.512	534.538.180	734.402
1044	4.719.499.000	534.538.299	733.635
1045	4.719.499.375	534.536.875	733.690

1046	4.719.499.801	534.535.261	733.752
1047	4.719.501.264	534.533.348	734.624
1048	4.719.500.221	534.533.008	733.838
1049	4.719.501.357	534.531.221	734.697
1050	4.719.500.384	534.529.955	733.893
1051	4.719.500.735	534.525.270	734.984
1052	4.719.500.375	534.527.055	733.946
1053	4.719.500.368	534.525.003	733.983
1054	4.719.500.068	534.523.600	733.972
1055	4.719.492.766	534.559.428	733.275
1056	4.719.491.314	534.558.065	734.650
1057	4.719.493.744	534.556.513	733.345
1058	4.719.492.757	534.554.394	734.617
1059	4.719.494.619	534.553.554	733.416
1060	4.719.494.136	534.550.070	734.577
1061	4.719.495.210	534.550.755	733.483
1062	4.719.494.884	534.546.409	734.472
1063	4.719.496.326	534.545.748	733.563
1064	4.719.495.059	534.543.142	734.601
1065	4.719.496.976	534.541.665	733.543
1066	4.719.495.704	534.537.705	734.777
1067	4.719.497.612	534.538.189	733.667
1068	4.719.497.909	534.535.460	733.702
1069	4.719.496.479	534.534.559	734.655
1070	4.719.498.191	534.533.111	733.763
1071	4.719.496.854	534.531.516	734.564
1072	4.719.498.696	534.530.231	733.839
1073	4.719.497.015	534.527.806	734.451
1074	4.719.499.069	534.527.626	733.906
1075	4.719.499.109	534.525.479	733.960
1076	4.719.499.051	534.523.674	733.958
1077	4.719.495.108	534.555.194	733.327
1078	4.719.494.397	534.557.396	733.268
1079	4.719.495.576	534.553.234	733.375
1080	4.719.496.550	534.549.573	733.461
1081	4.719.497.202	534.547.647	733.502
1082	4.719.498.237	534.543.213	733.514
1083	4.719.501.045	534.526.041	735.262
1084	4.719.461.888	534.527.577	742.259
1085	4.719.467.083	534.532.746	739.094
1086	4.719.465.781	534.535.078	739.007
1087	4.719.464.331	534.537.674	738.910
1088	4.719.463.793	534.545.012	738.662
1089	4.719.462.508	534.549.737	738.527
1090	4.719.460.866	534.552.204	738.583
1091	4.719.486.041	534.556.819	734.675
1092	4.719.486.984	534.554.077	734.631
1093	4.719.499.623	534.524.928	733.801
1094	4.719.500.000	534.524.913	733.849
1095	4.719.499.353	534.525.369	733.737
1096	4.719.498.227	534.535.529	733.729
1097	4.719.498.774	534.535.753	733.695
1098	4.719.497.793	534.541.798	733.472
1099	4.719.497.486	534.541.746	733.506
1100	4.719.497.155	534.542.872	733.280
1101	4.719.497.655	534.543.159	733.243
1102	4.719.497.817	534.545.830	733.540
1103	4.719.497.861	534.543.216	733.303
1104	4.719.496.542	534.545.779	733.335
1105	4.719.496.959	534.545.806	733.326
1106	4.719.497.400	534.545.809	733.262
1107	4.719.496.198	534.551.092	733.430

1108	4.719.469.321	534.534.156	738.743
1109	4.719.465.548	534.542.033	738.654
1110	4.719.471.133	534.542.618	737.382
1111	4.719.491.869	534.547.564	735.022
1112	4.719.489.368	534.526.398	734.933
1113	4.719.493.428	534.538.468	735.100
1114	4.719.494.078	534.531.320	735.014
1115	4.719.460.852	534.552.564	738.564
1116	4.719.466.406	534.524.312	740.531
1117	4.719.466.513	534.526.941	740.536
1118	4.719.466.888	534.528.405	740.329
1119	4.719.461.497	534.552.019	738.465
1120	4.719.463.546	534.550.046	738.256
1121	4.719.465.139	534.548.719	738.006
1122	4.719.468.984	534.531.989	739.037
1123	4.719.469.632	534.534.179	738.668
1124	4.719.471.824	534.540.970	737.405
1125	4.719.468.499	534.530.753	739.324
1126	4.719.468.727	534.530.998	739.179
1127	4.719.472.780	534.542.761	736.762
1128	4.719.472.902	534.542.651	736.736
1129	4.719.472.203	534.549.430	736.300
1130	4.719.471.964	534.549.939	735.800
1131	4.719.473.209	534.549.895	735.800
1132	4.719.473.200	534.549.396	736.300
1133	4.719.477.392	534.551.698	736.300
1134	4.719.477.248	534.552.190	735.800
1135	4.719.482.774	534.556.821	735.800
1136	4.719.487.224	534.551.037	736.300
1137	4.719.482.296	534.558.382	735.158
1138	4.719.483.375	534.557.328	735.013
1139	4.719.488.534	534.551.006	734.990
1140	4.719.488.389	534.548.317	735.100
1141	4.719.488.382	534.545.800	735.073
1142	4.719.488.308	534.542.655	735.105
1143	4.719.488.467	534.550.798	735.054
1144	4.719.488.110	534.536.113	735.217
1145	4.719.488.180	534.527.369	735.031
1146	4.719.488.096	534.537.197	735.245
1147	4.719.488.149	534.525.856	735.042
1148	4.719.488.096	534.537.050	735.243
1149	4.719.471.201	534.548.642	736.300
1150	4.719.470.955	534.549.116	735.800
1151	4.719.473.936	534.549.799	736.300
1152	4.719.474.953	534.550.358	736.300
1153	4.719.477.323	534.551.660	736.300
1154	4.719.476.768	534.551.918	735.800
1155	4.719.474.784	534.550.790	735.800
1156	4.719.473.917	534.550.298	735.800
1157	4.719.482.515	534.556.604	735.800
1158	4.719.482.414	534.556.520	735.800
1159	4.719.482.285	534.556.412	735.800
1160	4.719.478.670	534.553.382	735.800
1161	4.719.479.994	534.551.523	736.300
1162	4.719.481.485	534.551.423	736.300
1163	4.719.488.241	534.551.013	735.283
1164	4.719.481.807	534.557.970	735.799
1165	4.719.466.390	534.552.404	735.794
1166	4.719.464.056	534.555.220	735.789
1167	4.719.464.586	534.554.580	735.790
1168	4.719.460.747	534.559.213	735.783
1169	4.719.461.893	534.557.829	735.785

1170	4.719.467.691	534.550.834	735.796
1171	4.719.473.437	534.540.866	736.327
1172	4.719.473.549	534.542.610	736.303
1173	4.719.473.564	534.542.840	736.300
1174	4.719.473.352	534.543.151	736.300
1175	4.719.487.025	534.542.686	736.388
1176	4.719.487.100	534.545.831	736.355
1177	4.719.487.219	534.550.828	736.302
1178	4.719.472.994	534.533.963	736.422
1179	4.719.486.892	534.537.079	736.448
1180	4.719.486.895	534.537.226	736.446
1181	4.719.472.851	534.531.740	736.453
1182	4.719.486.870	534.536.143	736.457
1183	4.719.472.787	534.530.738	736.467
1184	4.719.486.662	534.527.405	736.550
1185	4.719.472.770	534.530.479	736.470
1186	4.719.472.613	534.528.038	736.504
1187	4.719.472.518	534.526.556	736.524
1188	4.719.472.350	534.523.930	736.561
1189	4.719.486.626	534.525.892	736.566
1190	4.719.487.160	534.548.346	736.329
1191	4.719.482.257	534.556.388	735.800
1192	4.719.484.143	534.556.613	734.911
1193	4.719.486.401	534.554.386	734.694
1194	4.719.486.082	534.551.114	736.300
1195	4.719.487.492	534.553.070	734.749
1196	4.719.488.417	534.551.955	734.795
1197	4.719.487.772	534.551.459	735.608
1198	4.719.486.341	534.552.185	736.201
1199	4.719.483.384	534.556.028	735.869
1200	4.719.485.299	534.553.539	736.084
1201	4.719.474.857	534.523.330	736.571
1202	4.719.474.916	534.524.283	736.561
1203	4.719.475.055	534.526.437	736.532
1204	4.719.475.071	534.526.709	736.529
1205	4.719.464.534	534.559.424	735.786
1206	4.719.475.150	534.527.923	736.512
1207	4.719.466.286	534.557.352	735.789
1208	4.719.475.279	534.529.924	736.485
1209	4.719.475.292	534.530.136	736.482
1210	4.719.466.610	534.556.969	735.790
1211	4.719.475.345	534.530.957	736.470
1212	4.719.467.039	534.556.462	735.790
1213	4.719.475.443	534.532.554	736.454
1214	4.719.468.495	534.554.740	735.793
1215	4.719.475.560	534.534.366	736.429
1216	4.719.475.571	534.534.541	736.427
1217	4.719.469.612	534.553.420	735.795
1218	4.719.469.711	534.553.308	735.795
1219	4.719.469.816	534.553.200	735.795
1220	4.719.475.933	534.540.163	736.350
1221	4.719.469.926	534.553.099	735.795
1222	4.719.470.041	534.553.004	735.795
1223	4.719.475.935	534.540.190	736.349
1224	4.719.470.162	534.552.914	735.795
1225	4.719.475.997	534.541.209	736.339
1226	4.719.470.287	534.552.832	735.795
1227	4.719.476.089	534.542.624	736.319
1228	4.719.470.416	534.552.755	735.795
1229	4.719.476.101	534.542.811	736.317
1230	4.719.470.549	534.552.686	735.795
1231	4.719.476.137	534.543.408	736.310

1232	4.719.470.685	534.552.624	735.795
1233	4.719.470.824	534.552.569	735.796
1234	4.719.470.966	534.552.522	735.796
1235	4.719.471.111	534.552.482	735.796
1236	4.719.476.348	534.547.438	736.304
1237	4.719.471.257	534.552.450	735.796
1238	4.719.471.405	534.552.425	735.796
1239	4.719.471.554	534.552.408	735.796
1240	4.719.471.704	534.552.400	735.796
1241	4.719.471.854	534.552.399	735.796
1242	4.719.476.356	534.547.533	736.304
1243	4.719.476.700	534.559.423	735.794
1244	4.719.472.003	534.552.406	735.796
1245	4.719.476.799	534.559.300	735.794
1246	4.719.476.369	534.547.627	736.304
1247	4.719.476.891	534.559.172	735.794
1248	4.719.476.386	534.547.720	736.304
1249	4.719.476.976	534.559.039	735.795
1250	4.719.472.152	534.552.421	735.796
1251	4.719.477.050	534.558.909	735.795
1252	4.719.476.409	534.547.811	736.304
1253	4.719.472.301	534.552.443	735.796
1254	4.719.483.804	534.548.163	736.335
1255	4.719.483.857	534.548.087	736.335
1256	4.719.483.748	534.548.236	736.334
1257	4.719.476.436	534.547.902	736.304
1258	4.719.483.905	534.548.008	736.336
1259	4.719.477.116	534.558.775	735.795
1260	4.719.472.447	534.552.474	735.796
1261	4.719.483.949	534.547.927	736.336
1262	4.719.483.688	534.548.306	736.334
1263	4.719.476.468	534.547.991	736.305
1264	4.719.483.989	534.547.844	736.337
1265	4.719.477.176	534.558.637	735.795
1266	4.719.472.592	534.552.512	735.797
1267	4.719.484.024	534.547.758	736.337
1268	4.719.483.625	534.548.372	736.333
1269	4.719.476.505	534.548.078	736.305
1270	4.719.484.055	534.547.671	736.338
1271	4.719.477.228	534.558.497	735.795
1272	4.719.472.735	534.552.558	735.797
1273	4.719.484.082	534.547.576	736.338
1274	4.719.483.558	534.548.436	736.333
1275	4.719.476.547	534.548.163	736.305
1276	4.719.484.103	534.547.479	736.338
1277	4.719.477.273	534.558.354	735.795
1278	4.719.476.593	534.548.246	736.305
1279	4.719.484.119	534.547.381	736.339
1280	4.719.483.488	534.548.495	736.332
1281	4.719.472.875	534.552.611	735.797
1282	4.719.484.130	534.547.283	736.339
1283	4.719.477.310	534.558.209	735.795
1284	4.719.476.644	534.548.326	736.305
1285	4.719.483.490	534.525.461	736.565
1286	4.719.484.134	534.547.184	736.339
1287	4.719.483.415	534.548.551	736.332
1288	4.719.473.012	534.552.671	735.797
1289	4.719.483.505	534.526.039	736.557
1290	4.719.484.133	534.547.085	736.339
1291	4.719.477.339	534.558.062	735.795
1292	4.719.476.698	534.548.403	736.305
1293	4.719.483.540	534.527.218	736.544

1294	4.719.484.059	534.545.159	736.343
1295	4.719.483.339	534.548.603	736.331
1296	4.719.473.146	534.552.739	735.797
1297	4.719.483.549	534.527.545	736.540
1298	4.719.483.987	534.542.720	736.368
1299	4.719.477.361	534.557.914	735.796
1300	4.719.476.757	534.548.477	736.306
1301	4.719.483.563	534.528.091	736.532
1302	4.719.483.986	534.542.668	736.369
1303	4.719.483.260	534.548.650	736.331
1304	4.719.473.276	534.552.814	735.797
1305	4.719.483.565	534.528.149	736.531
1306	4.719.483.976	534.542.277	736.375
1307	4.719.477.375	534.557.765	735.796
1308	4.719.476.820	534.548.548	736.306
1309	4.719.483.571	534.528.375	736.528
1310	4.719.483.850	534.538.050	736.419
1311	4.719.483.179	534.548.694	736.330
1312	4.719.473.402	534.552.895	735.797
1313	4.719.483.772	534.535.170	736.456
1314	4.719.483.847	534.537.936	736.420
1315	4.719.477.381	534.557.615	735.796
1316	4.719.476.886	534.548.615	736.306
1317	4.719.483.785	534.535.658	736.450
1318	4.719.483.806	534.536.387	736.442
1319	4.719.483.096	534.548.733	736.330
1320	4.719.476.956	534.548.679	736.306
1321	4.719.477.379	534.557.465	735.796
1322	4.719.473.523	534.552.983	735.797
1323	4.719.483.011	534.548.768	736.329
1324	4.719.477.029	534.548.739	736.306
1325	4.719.477.369	534.557.316	735.796
1326	4.719.473.640	534.553.077	735.797
1327	4.719.482.924	534.548.798	736.329
1328	4.719.477.106	534.548.795	736.307
1329	4.719.477.351	534.557.167	735.796
1330	4.719.477.185	534.548.847	736.307
1331	4.719.482.836	534.548.824	736.328
1332	4.719.477.267	534.548.894	736.307
1333	4.719.477.326	534.557.019	735.796
1334	4.719.477.352	534.548.937	736.307
1335	4.719.482.747	534.548.845	736.328
1336	4.719.477.438	534.548.976	736.307
1337	4.719.482.656	534.548.861	736.327
1338	4.719.477.527	534.549.009	736.307
1339	4.719.477.293	534.556.873	735.796
1340	4.719.477.617	534.549.038	736.308
1341	4.719.482.565	534.548.872	736.327
1342	4.719.476.381	534.555.411	735.797
1343	4.719.477.252	534.556.729	735.796
1344	4.719.477.709	534.549.062	736.308
1345	4.719.482.474	534.548.879	736.326
1346	4.719.477.802	534.549.081	736.308
1347	4.719.477.203	534.556.587	735.797
1348	4.719.477.895	534.549.095	736.308
1349	4.719.482.013	534.548.905	736.326
1350	4.719.477.990	534.549.104	736.308
1351	4.719.477.147	534.556.448	735.797
1352	4.719.478.085	534.549.108	736.308
1353	4.719.477.084	534.556.312	735.797
1354	4.719.478.180	534.549.106	736.309
1355	4.719.477.007	534.556.167	735.797

1356	4.719.476.503	534.555.521	735.797
1357	4.719.476.921	534.556.026	735.797
1358	4.719.476.618	534.555.638	735.797
1359	4.719.476.828	534.555.891	735.797
1360	4.719.476.727	534.555.762	735.797
1361	4.719.476.876	534.523.227	734.550
1362	4.719.481.528	534.525.561	734.600
1363	4.719.482.395	534.547.154	734.600
1364	4.719.482.318	534.545.229	734.600
1365	4.719.481.934	534.547.175	734.595
1366	4.719.478.100	534.547.350	734.550
1367	4.719.477.895	534.543.319	734.550
1368	4.719.481.550	534.526.117	734.600
1369	4.719.477.034	534.526.336	734.550
1370	4.719.476.924	534.524.181	734.550
1371	4.719.481.598	534.527.296	734.600
1372	4.719.477.048	534.526.609	734.550
1373	4.719.481.611	534.527.623	734.600
1374	4.719.477.109	534.527.824	734.550
1375	4.719.481.633	534.528.168	734.600
1376	4.719.481.635	534.528.227	734.600
1377	4.719.481.644	534.528.453	734.600
1378	4.719.481.917	534.535.245	734.600
1379	4.719.477.344	534.532.458	734.550
1380	4.719.477.263	534.530.860	734.550
1381	4.719.477.222	534.530.038	734.550
1382	4.719.477.211	534.529.826	734.550
1383	4.719.481.937	534.535.733	734.600
1384	4.719.477.445	534.534.446	734.550
1385	4.719.477.436	534.534.271	734.550
1386	4.719.481.966	534.536.461	734.600
1387	4.719.477.731	534.540.072	734.550
1388	4.719.482.028	534.538.009	734.600
1389	4.719.482.033	534.538.123	734.600
1390	4.719.482.202	534.542.348	734.600
1391	4.719.477.732	534.540.099	734.550
1392	4.719.482.218	534.542.739	734.600
1393	4.719.477.865	534.542.721	734.550
1394	4.719.477.856	534.542.534	734.550
1395	4.719.477.784	534.541.118	734.550
1396	4.719.482.220	534.542.791	734.600
1397	4.719.471.794	534.555.245	732.950
1398	4.719.470.685	534.556.572	732.938
1399	4.719.474.535	534.557.579	732.950
1400	4.719.469.238	534.558.302	732.923
1401	4.719.468.812	534.558.811	732.919
1402	4.719.468.490	534.559.195	732.916
1403	4.719.490.290	534.560.590	734.504
1404	4.719.490.301	534.565.010	733.169
1405	4.719.491.235	534.565.805	733.078
1406	4.719.491.460	534.562.772	733.220
1407	4.719.492.596	534.562.780	733.144
1408	4.719.477.895	534.573.321	734.734
1409	4.719.481.935	534.570.286	734.620
1410	4.719.486.377	534.571.049	732.888
1411	4.719.486.172	534.566.926	734.488
1412	4.719.488.415	534.568.764	733.096
1413	4.719.489.523	534.566.534	733.132
1414	4.719.488.527	534.564.333	734.567
1415	4.719.493.569	534.559.781	733.205
1416	4.719.487.219	534.572.091	732.894
1417	4.719.488.967	534.569.098	733.004

1418	4.719.489.365	534.569.530	732.997
1419	4.719.477.888	534.569.152	735.219
1420	4.719.481.406	534.565.635	735.339
1421	4.719.475.573	534.566.188	735.264
1422	4.719.477.136	534.564.238	735.327
1423	4.719.471.045	534.570.943	735.660
1424	4.719.469.257	534.573.138	735.890
1425	4.719.470.080	534.571.900	735.780
1426	4.719.476.781	534.563.939	735.791
1427	4.719.475.172	534.565.851	735.788
1428	4.719.470.952	534.570.865	735.782
1429	4.719.469.129	534.573.030	735.779
1430	4.719.461.265	534.563.289	735.780
1431	4.719.461.437	534.563.086	735.780
1432	4.719.462.764	534.561.516	735.783
1433	4.719.463.602	534.560.526	735.784
1434	4.719.464.806	534.573.552	735.775
1435	4.719.464.964	534.573.364	735.776
1436	4.719.465.018	534.573.300	735.776
1437	4.719.465.024	534.573.293	735.776
1438	4.719.465.396	534.572.852	735.776
1439	4.719.465.706	534.572.482	735.777
1440	4.719.466.814	534.571.166	735.778
1441	4.719.467.581	534.570.256	735.780
1442	4.719.467.949	534.569.818	735.780
1443	4.719.468.651	534.568.984	735.781
1444	4.719.468.972	534.568.604	735.782
1445	4.719.472.373	534.564.563	735.787
1446	4.719.472.598	534.564.296	735.788
1447	4.719.473.021	534.563.793	735.788
1448	4.719.474.319	534.562.252	735.790
1449	4.719.474.422	534.562.129	735.791
1450	4.719.474.774	534.561.711	735.791
1451	4.719.472.596	534.559.856	732.930
1452	4.719.472.242	534.560.272	732.926
1453	4.719.472.137	534.560.394	732.925
1454	4.719.470.831	534.561.929	732.912
1455	4.719.470.405	534.562.429	732.908
1456	4.719.470.179	534.562.694	732.905
1457	4.719.466.749	534.561.277	732.898
1458	4.719.466.754	534.566.716	732.870
1459	4.719.465.823	534.562.384	732.888
1460	4.719.466.432	534.567.094	732.867
1461	4.719.463.673	534.564.956	732.866
1462	4.719.464.992	534.563.379	732.879
1463	4.719.465.725	534.567.925	732.859
1464	4.719.463.502	534.565.160	732.864
1465	4.719.465.354	534.568.360	732.856
1466	4.719.464.583	534.569.266	732.848
1467	4.719.461.984	534.566.976	732.848
1468	4.719.463.467	534.570.576	732.836
1469	4.719.461.532	534.567.515	732.843
1470	4.719.461.799	534.567.196	732.846
1471	4.719.463.155	534.570.943	732.833
1472	4.719.462.781	534.571.382	732.829
1473	4.719.462.775	534.571.389	732.829
1474	4.719.462.721	534.571.453	732.828
1475	4.719.462.561	534.571.641	732.827
1476	4.719.470.167	534.547.827	736.300
1477	4.719.469.857	534.548.220	735.800
1478	4.719.467.632	534.546.376	737.698
1479	4.719.505.343	534.515.358	735.065

1480	4.719.502.970	534.520.009	734.926
1481	4.719.503.932	534.508.492	736.303
1482	4.719.502.513	534.508.660	735.885
1483	4.719.502.438	534.508.360	735.954
1484	4.719.507.244	534.522.193	734.977
1485	4.719.506.689	534.519.047	736.924
1486	4.719.505.675	534.515.294	736.996
1487	4.719.503.923	534.508.793	735.098
1488	4.719.504.118	534.508.713	736.785
1489	4.719.504.010	534.508.227	736.632
1490	4.719.502.190	534.508.565	735.770
1491	4.719.502.194	534.508.818	735.593
1492	4.719.502.109	534.507.594	736.036
1493	4.719.503.896	534.506.445	736.571
1494	4.719.503.475	534.506.227	736.576
1495	4.719.502.638	534.505.197	736.591
1496	4.719.502.372	534.509.162	734.985
1497	4.719.502.451	534.493.074	737.207
1498	4.719.503.290	534.496.253	737.205
1499	4.719.504.572	534.501.255	737.202
1500	4.719.505.261	534.503.943	737.200
1501	4.719.504.223	534.507.109	736.611
1502	4.719.506.304	534.507.660	737.196
1503	4.719.508.381	534.522.853	737.030
1504	4.719.509.881	534.519.323	737.200
1505	4.719.507.311	534.518.653	736.920
1506	4.719.505.801	534.513.083	736.970
1507	4.719.504.231	534.507.523	736.690
1508	4.719.507.671	534.512.533	737.190
1509	4.719.508.532	534.515.223	737.161
1510	4.719.502.880	534.481.371	737.215
1511	4.719.505.593	534.492.622	737.189
1512	4.719.508.386	534.503.711	737.170
1513	4.719.510.927	534.512.402	737.143
1514	4.719.513.621	534.519.761	737.092
1515	4.719.525.215	534.542.925	736.517
1516	4.719.523.694	534.542.239	736.239
1517	4.719.522.171	534.541.437	736.000
1518	4.719.522.637	534.541.507	736.982
1519	4.719.523.980	534.542.288	736.925
1520	4.719.522.204	534.540.453	736.907
1521	4.719.521.063	534.539.835	736.943
1522	4.719.520.021	534.539.833	736.909
1523	4.719.519.262	534.539.605	735.342
1524	4.719.518.912	534.539.090	736.819
1525	4.719.520.495	534.539.686	736.976
1526	4.719.517.346	534.537.841	735.513
1527	4.719.516.411	534.536.789	736.906
1528	4.719.514.277	534.534.946	735.823
1529	4.719.514.061	534.534.225	736.916
1530	4.719.509.727	534.530.025	734.878
1531	4.719.509.092	534.527.747	736.753
1532	4.719.510.416	534.530.120	736.710
1533	4.719.508.865	534.527.809	734.906
1534	4.719.507.825	534.523.198	736.920
1535	4.719.514.277	534.527.648	737.198
1536	4.719.517.029	534.531.251	737.174
1537	4.719.520.567	534.535.116	737.140
1538	4.719.524.068	534.538.128	737.121
1539	4.719.526.823	534.540.183	737.100
1540	4.719.511.781	534.523.713	737.220
1541	4.719.506.787	534.524.390	735.459

1542	4.719.506.711	534.524.063	735.441
1543	4.719.506.897	534.524.411	735.124
1544	4.719.505.809	534.524.621	735.362
1545	4.719.506.814	534.523.983	735.095
1546	4.719.505.670	534.524.326	735.344
1547	4.719.505.256	534.530.209	735.191
1548	4.719.510.137	534.536.819	735.496
1549	4.719.504.423	534.538.266	735.128
1550	4.719.516.693	534.525.487	737.069
1551	4.719.520.380	534.530.648	737.025
1552	4.719.526.197	534.535.873	736.993
1553	4.719.529.425	534.537.833	736.965
1555	4.719.459.956	534.602.533	733.189
1556	4.719.460.221	534.596.963	732.308
1557	4.719.460.446	534.597.349	732.221
1558	4.719.460.279	534.583.945	735.506
1559	4.719.460.081	534.583.778	735.765
1560	4.719.459.601	534.577.644	735.769
1561	4.719.459.757	534.577.659	735.769
1562	4.719.459.913	534.577.666	735.769
1563	4.719.460.070	534.577.664	735.769
1564	4.719.460.226	534.577.654	735.769
1565	4.719.460.382	534.577.636	735.769
1566	4.719.460.536	534.577.610	735.769
1567	4.719.460.689	534.577.575	735.769
1568	4.719.459.958	534.574.697	732.800
1569	4.719.460.309	534.574.285	732.804
1571	4.719.465.328	534.589.195	732.426
1572	4.719.467.011	534.590.386	732.955
1573	4.719.462.247	534.592.946	732.366
1574	4.719.463.273	534.594.626	733.273
1575	4.719.470.563	534.586.869	732.658
1576	4.719.469.009	534.584.924	732.506
1577	4.719.475.761	534.579.006	732.628
1578	4.719.479.107	534.579.572	732.802
1579	4.719.474.713	534.583.648	732.414
1580	4.719.481.782	534.577.529	732.832
1581	4.719.479.335	534.576.327	732.716
1582	4.719.484.929	534.574.402	732.868
1583	4.719.482.531	534.573.932	732.794
1584	4.719.460.845	534.590.956	735.185
1585	4.719.464.468	534.586.537	735.117
1586	4.719.467.545	534.582.994	735.058
1587	4.719.472.884	534.581.163	732.558
1588	4.719.472.182	534.578.600	734.914
1589	4.719.460.897	534.598.535	733.527
1590	4.719.473.892	534.582.709	732.440
1591	4.719.472.957	534.581.683	732.499
1592	4.719.465.274	534.580.765	735.067
1593	4.719.461.449	534.585.015	735.417
1594	4.719.469.705	534.576.495	735.897
1595	4.719.463.806	534.580.019	735.341
1596	4.719.464.961	534.578.889	735.188
1597	4.719.467.317	534.575.233	735.743
1598	4.719.462.026	534.581.865	735.512
1599	4.719.467.753	534.574.664	735.777
1600	4.719.467.292	534.575.212	735.776
1601	4.719.461.831	534.581.700	735.768
1602	4.719.463.478	534.579.743	735.770
1603	4.719.464.514	534.578.513	735.772
1604	4.719.460.892	534.577.516	735.769
1605	4.719.461.090	534.577.443	735.770

1606	4.719.461.241	534.577.376	735.770
1607	4.719.461.389	534.577.300	735.770
1608	4.719.461.532	534.577.216	735.770
1609	4.719.461.670	534.577.125	735.770
1610	4.719.461.803	534.577.026	735.771
1611	4.719.461.930	534.576.919	735.771
1612	4.719.462.051	534.576.806	735.771
1613	4.719.462.165	534.576.686	735.771
1614	4.719.462.220	534.576.624	735.771
1615	4.719.462.569	534.576.209	735.772