

**ROZPORZĄDZENIE
MINISTRA GOSPODARKI MORSKIEJ I ŻEGLUGI ŚRÓDLĄDOWEJ¹⁾**

z dnia 18 grudnia 2019 r.

w sprawie granicy portu morskiego w Świnoujściu

Na podstawie art. 45 ust. 1 ustawy z dnia 21 marca 1991 r. o obszarach morskich Rzeczypospolitej Polskiej i administracji morskiej (Dz. U. z 2019 r. poz. 2169) zarządza się, co następuje:

§ 1. Granicę portu morskiego w Świnoujściu stanowi linia łącząca kolejno ponumerowane punkty graniczne o numerach od 1 do 717.

§ 2. Wykaz współrzędnych punktów granicznych granicy portu morskiego w Świnoujściu w układzie współrzędnych geocentrycznych geodezyjnych GRS80h jest określony w załączniku nr 1 do rozporządzenia.

§ 3. Granica portu morskiego w Świnoujściu, określona w § 1, jest oznaczona na mapach stanowiących załączniki nr 2 i 3 do rozporządzenia.

§ 4. Traci moc rozporządzenie Ministra Infrastruktury z dnia 1 października 2010 r. w sprawie ustalenia granicy portu morskiego w Świnoujściu od strony lądu (Dz. U. poz. 1275).

§ 5. Rozporządzenie wchodzi w życie po upływie 14 dni od dnia ogłoszenia.

Minister Gospodarki Morskiej i Żeglugi Śródlądowej: *M. Gróbarczyk*

¹⁾ Minister Gospodarki Morskiej i Żeglugi Śródlądowej kieruje działem administracji rządowej – gospodarka morską, na podstawie § 1 ust. 2 pkt 1 rozporządzenia Prezesa Rady Ministrów z dnia 18 listopada 2019 r. w sprawie szczegółowego zakresu działania Ministra Gospodarki Morskiej i Żeglugi Śródlądowej (Dz. U. poz. 2262).

Załączniki do rozporządzenia Ministra Gospodarki Morskiej i Żeglugi Śródlądowej z dnia 18 grudnia 2019 r. (poz. 21)

Załącznik nr 1

WYKAZ WSPÓLRZĘDNYCH PUNKTÓW GRANICZNYCH GRANICY PORTU MORSKIEGO W ŚWINOUJŚCIU

Nr punktu granicznego	Układ współrzędnych geocentrycznych geodezyjnych GRS80h	
	φ – szerokość geodezyjna	λ – długość geodezyjna
1	53° 55' 35.0517"	14° 16' 37.9709"
2	53° 55' 49.8233"	14° 16' 20.8858"
3	53° 55' 57.3652"	14° 16' 17.2114"
4	53° 56' 18.3991"	14° 16' 15.2332"
5	53° 56' 31.6649"	14° 17' 58.1649"
6	53° 56' 33.9634"	14° 19' 40.8461"
7	53° 54' 44.4910"	14° 19' 47.8443"
8	53° 54' 42.8332"	14° 19' 47.9502"
9	53° 54' 32.4056"	14° 19' 45.5980"
10	53° 54' 23.5691"	14° 19' 44.2505"
11	53° 53' 57.9381"	14° 19' 41.7477"
12	53° 53' 57.8123"	14° 19' 41.8296"
13	53° 53' 56.8914"	14° 19' 42.4295"
14	53° 53' 57.0533"	14° 19' 39.8345"
15	53° 53' 57.4493"	14° 19' 33.1765"
16	53° 53' 57.7625"	14° 19' 27.8331"
17	53° 53' 58.0424"	14° 19' 23.0552"
18	53° 53' 58.2718"	14° 19' 19.1530"
19	53° 53' 58.4824"	14° 19' 15.5694"
20	53° 53' 58.9908"	14° 19' 06.8906"
21	53° 53' 58.7977"	14° 19' 03.3690"
22	53° 53' 59.1161"	14° 18' 57.9228"

23	53° 53' 59.3827"	14° 18' 53.4205"
24	53° 53' 59.9710"	14° 18' 50.3943"
25	53° 54' 00.4679"	14° 18' 46.6395"
26	53° 54' 00.6334"	14° 18' 43.7838"
27	53° 54' 00.7839"	14° 18' 41.1834"
28	53° 54' 01.1009"	14° 18' 35.7475"
29	53° 54' 01.2733"	14° 18' 32.8726"
30	53° 54' 01.4268"	14° 18' 30.3092"
31	53° 54' 01.7433"	14° 18' 24.8134"
32	53° 54' 02.0693"	14° 18' 19.3976"
33	53° 54' 02.3676"	14° 18' 14.2545"
34	53° 54' 02.3849"	14° 18' 13.9579"
35	53° 54' 02.6553"	14° 18' 09.3735"
36	53° 54' 02.7063"	14° 18' 08.5075"
37	53° 54' 02.9226"	14° 18' 04.8559"
38	53° 54' 03.5572"	14° 18' 01.5247"
39	53° 54' 04.2091"	14° 18' 00.7340"
40	53° 54' 04.9993"	14° 17' 58.0366"
41	53° 54' 06.0981"	14° 17' 55.5465"
42	53° 54' 08.0155"	14° 17' 52.7990"
43	53° 54' 07.2250"	14° 17' 51.4465"
44	53° 54' 07.0906"	14° 17' 51.2161"
45	53° 54' 06.8790"	14° 17' 50.8602"
46	53° 54' 07.1330"	14° 17' 50.3556"
47	53° 54' 07.4277"	14° 17' 49.8693"
48	53° 54' 07.6720"	14° 17' 49.3220"
49	53° 54' 07.8042"	14° 17' 49.0263"
50	53° 54' 08.1031"	14° 17' 48.5002"
51	53° 54' 08.5167"	14° 17' 47.8536"
52	53° 54' 08.8437"	14° 17' 47.1096"
53	53° 54' 09.3947"	14° 17' 46.1382"
54	53° 54' 09.6998"	14° 17' 45.5451"

55	53° 54' 10.0472"	14° 17' 45.0755"
56	53° 54' 10.7679"	14° 17' 43.6901"
57	53° 54' 11.2282"	14° 17' 42.9161"
58	53° 54' 11.7533"	14° 17' 41.8183"
59	53° 54' 12.2947"	14° 17' 40.9392"
60	53° 54' 12.5317"	14° 17' 40.4146"
61	53° 54' 12.9129"	14° 17' 39.7661"
62	53° 54' 13.2664"	14° 17' 39.1344"
63	53° 54' 13.1022"	14° 17' 38.8709"
64	53° 54' 19.2362"	14° 17' 27.4640"
65	53° 54' 18.9807"	14° 17' 27.0892"
66	53° 54' 19.5212"	14° 17' 25.5386"
67	53° 54' 20.1958"	14° 17' 23.1463"
68	53° 54' 20.7355"	14° 17' 19.9115"
69	53° 54' 21.0420"	14° 17' 17.6496"
70	53° 54' 21.2497"	14° 17' 16.4545"
71	53° 54' 21.3099"	14° 17' 14.9839"
72	53° 54' 21.2881"	14° 17' 13.7775"
73	53° 54' 21.1326"	14° 17' 12.1535"
74	53° 54' 20.8152"	14° 17' 09.1630"
75	53° 54' 20.1400"	14° 17' 03.9060"
76	53° 54' 19.7175"	14° 17' 00.6370"
77	53° 54' 19.2667"	14° 16' 57.0025"
78	53° 54' 18.7388"	14° 16' 52.9324"
79	53° 54' 18.2984"	14° 16' 49.6014"
80	53° 54' 18.1897"	14° 16' 48.9052"
81	53° 54' 17.3246"	14° 16' 42.2452"
82	53° 54' 17.0114"	14° 16' 39.7931"
83	53° 54' 17.0602"	14° 16' 38.2202"
84	53° 54' 17.0679"	14° 16' 37.3882"
85	53° 54' 17.2453"	14° 16' 35.1781"
86	53° 54' 17.2624"	14° 16' 34.9632"

87	53° 54' 17.9174"	14° 16' 33.5917"
88	53° 54' 18.1508"	14° 16' 32.2136"
89	53° 54' 18.8137"	14° 16' 29.7610"
90	53° 54' 19.0966"	14° 16' 28.9205"
91	53° 54' 19.9035"	14° 16' 26.5548"
92	53° 54' 19.9305"	14° 16' 26.0915"
93	53° 54' 21.2285"	14° 16' 21.9083"
94	53° 54' 21.3403"	14° 16' 21.9739"
95	53° 54' 21.8042"	14° 16' 22.2479"
96	53° 54' 22.0062"	14° 16' 20.9958"
97	53° 54' 22.1819"	14° 16' 19.8989"
98	53° 54' 22.4942"	14° 16' 17.9479"
99	53° 54' 22.5730"	14° 16' 17.4561"
100	53° 54' 22.7894"	14° 16' 15.2249"
101	53° 54' 22.7164"	14° 16' 13.6077"
102	53° 54' 22.6134"	14° 16' 12.0686"
103	53° 54' 22.3016"	14° 16' 10.5432"
104	53° 54' 22.3575"	14° 16' 10.1279"
105	53° 54' 22.3234"	14° 16' 09.4816"
106	53° 54' 22.3003"	14° 16' 09.3335"
107	53° 54' 22.7005"	14° 16' 09.2087"
108	53° 54' 22.9866"	14° 16' 08.7383"
109	53° 54' 23.1101"	14° 16' 08.5351"
110	53° 54' 23.2472"	14° 16' 07.9758"
111	53° 54' 22.5793"	14° 16' 06.7729"
112	53° 54' 22.4995"	14° 16' 06.9075"
113	53° 54' 22.0261"	14° 16' 06.0784"
114	53° 54' 21.4930"	14° 16' 05.3107"
115	53° 54' 20.9997"	14° 16' 04.6577"
116	53° 54' 20.4356"	14° 16' 03.7391"
117	53° 54' 20.1469"	14° 16' 03.7409"
118	53° 54' 19.9213"	14° 16' 03.7425"

119	53° 54' 19.7397"	14° 16' 03.1311"
120	53° 54' 19.6991"	14° 16' 02.9945"
121	53° 54' 19.5721"	14° 16' 02.7934"
122	53° 54' 19.5066"	14° 16' 02.6437"
123	53° 54' 19.4601"	14° 16' 02.5196"
124	53° 54' 19.1766"	14° 16' 01.7438"
125	53° 54' 19.1936"	14° 16' 01.4232"
126	53° 54' 19.2768"	14° 16' 01.2379"
127	53° 54' 19.4170"	14° 16' 00.9262"
128	53° 54' 19.4734"	14° 16' 00.8008"
129	53° 54' 19.4983"	14° 16' 00.7449"
130	53° 54' 19.4292"	14° 15' 59.1005"
131	53° 54' 19.3886"	14° 15' 58.6546"
132	53° 54' 19.3301"	14° 15' 57.8887"
133	53° 54' 19.2379"	14° 15' 57.4676"
134	53° 54' 19.1271"	14° 15' 56.9622"
135	53° 54' 18.9639"	14° 15' 56.3207"
136	53° 54' 18.7388"	14° 15' 55.5803"
137	53° 54' 18.6522"	14° 15' 55.4177"
138	53° 54' 18.5977"	14° 15' 55.3522"
139	53° 54' 18.5271"	14° 15' 55.3240"
140	53° 54' 18.2604"	14° 15' 55.2976"
141	53° 54' 17.8170"	14° 15' 55.4703"
142	53° 54' 17.3552"	14° 15' 55.6848"
143	53° 54' 16.7242"	14° 15' 56.1914"
144	53° 54' 16.6002"	14° 15' 56.0899"
145	53° 54' 16.4489"	14° 15' 56.1990"
146	53° 54' 16.3233"	14° 15' 56.4539"
147	53° 54' 15.9295"	14° 15' 56.8118"
148	53° 54' 14.6077"	14° 15' 58.9505"
149	53° 54' 14.3092"	14° 16' 01.1916"
150	53° 54' 12.7818"	14° 16' 03.5492"

151	53° 54' 11.2014"	14° 16' 05.9880"
152	53° 54' 09.9380"	14° 16' 05.3887"
153	53° 54' 09.8366"	14° 16' 05.3405"
154	53° 54' 09.4401"	14° 16' 05.3417"
155	53° 54' 09.5446"	14° 16' 04.3703"
156	53° 54' 09.2433"	14° 16' 03.3661"
157	53° 54' 08.9967"	14° 16' 02.5430"
158	53° 54' 08.9659"	14° 16' 02.5396"
159	53° 54' 08.3243"	14° 16' 02.4094"
160	53° 54' 08.1969"	14° 16' 02.5169"
161	53° 54' 07.7461"	14° 16' 02.9048"
162	53° 54' 07.6870"	14° 16' 02.9556"
163	53° 54' 06.8943"	14° 16' 03.6374"
164	53° 54' 06.2420"	14° 16' 04.1984"
165	53° 54' 05.3163"	14° 16' 05.0054"
166	53° 54' 04.9367"	14° 16' 03.7566"
167	53° 53' 59.9602"	14° 16' 07.1065"
168	53° 53' 56.8912"	14° 16' 29.8630"
169	53° 53' 54.4099"	14° 16' 32.0482"
170	53° 53' 53.7173"	14° 16' 32.6633"
171	53° 53' 52.4436"	14° 16' 33.8035"
172	53° 53' 47.0327"	14° 16' 38.3143"
173	53° 53' 47.1325"	14° 16' 40.4664"
174	53° 53' 47.1609"	14° 16' 41.0750"
175	53° 53' 47.4528"	14° 16' 44.4066"
176	53° 53' 47.4963"	14° 16' 44.9039"
177	53° 53' 47.6346"	14° 16' 46.4855"
178	53° 53' 47.6448"	14° 16' 46.5780"
179	53° 53' 46.5209"	14° 16' 47.3739"
180	53° 53' 46.2020"	14° 16' 47.5997"
181	53° 53' 46.0685"	14° 16' 47.6944"
182	53° 53' 44.2972"	14° 16' 48.9512"

183	53° 53' 44.0295"	14° 16' 49.1374"
184	53° 53' 43.7679"	14° 16' 49.6192"
185	53° 53' 43.5639"	14° 16' 49.7875"
186	53° 53' 43.2654"	14° 16' 49.5417"
187	53° 53' 42.9752"	14° 16' 49.2597"
188	53° 53' 42.1611"	14° 16' 51.6339"
189	53° 53' 41.3119"	14° 16' 53.1801"
190	53° 53' 40.5596"	14° 16' 54.5294"
191	53° 53' 38.6851"	14° 16' 57.4986"
192	53° 53' 37.0980"	14° 16' 59.0780"
193	53° 53' 29.1322"	14° 17' 04.9023"
194	53° 53' 25.9151"	14° 17' 06.5457"
195	53° 53' 16.3745"	14° 17' 08.8217"
196	53° 53' 12.9861"	14° 17' 09.1770"
197	53° 53' 09.2964"	14° 17' 08.9602"
198	53° 53' 09.2196"	14° 17' 04.4123"
199	53° 52' 58.6184"	14° 17' 01.1962"
200	53° 52' 53.4172"	14° 17' 00.1550"
201	53° 52' 50.4268"	14° 17' 00.4725"
202	53° 52' 50.2286"	14° 16' 59.6068"
203	53° 52' 49.4750"	14° 17' 01.2855"
204	53° 52' 49.0727"	14° 17' 02.2714"
205	53° 52' 48.9973"	14° 17' 04.7179"
206	53° 52' 48.3409"	14° 17' 04.6044"
207	53° 52' 48.2408"	14° 17' 01.0583"
208	53° 52' 47.9075"	14° 17' 00.0912"
209	53° 52' 48.0176"	14° 16' 59.8945"
210	53° 52' 46.4282"	14° 16' 59.8770"
211	53° 52' 45.2181"	14° 16' 59.5831"
212	53° 52' 45.1973"	14° 16' 59.5812"
213	53° 52' 44.3122"	14° 16' 59.5033"
214	53° 52' 44.0701"	14° 16' 59.4758"

215	53° 52' 43.1819"	14° 16' 59.3746"
216	53° 52' 41.7264"	14° 16' 59.3234"
217	53° 52' 41.4323"	14° 16' 59.3129"
218	53° 52' 41.1100"	14° 16' 59.2883"
219	53° 52' 40.4288"	14° 16' 59.2373"
220	53° 52' 39.6037"	14° 16' 59.1753"
221	53° 52' 39.3903"	14° 16' 59.1590"
222	53° 52' 38.7921"	14° 16' 59.2428"
223	53° 52' 38.6337"	14° 16' 59.2646"
224	53° 52' 37.6544"	14° 16' 59.4005"
225	53° 52' 37.5003"	14° 16' 59.3821"
226	53° 52' 36.2841"	14° 16' 59.2342"
227	53° 52' 35.6122"	14° 16' 59.1530"
228	53° 52' 33.3990"	14° 16' 58.9692"
229	53° 52' 31.5037"	14° 16' 58.9645"
230	53° 52' 30.5094"	14° 16' 59.0077"
231	53° 52' 30.5114"	14° 16' 59.1391"
232	53° 52' 30.5627"	14° 16' 59.8177"
233	53° 52' 26.9755"	14° 16' 59.9474"
234	53° 52' 24.0220"	14° 16' 59.9782"
235	53° 52' 23.2902"	14° 17' 00.2355"
236	53° 52' 22.9814"	14° 17' 00.6477"
237	53° 52' 23.0661"	14° 17' 01.3444"
238	53° 52' 22.5045"	14° 17' 01.4883"
239	53° 52' 22.4176"	14° 17' 00.7923"
240	53° 52' 19.9312"	14° 17' 01.2903"
241	53° 52' 17.3803"	14° 17' 01.5288"
242	53° 52' 17.0579"	14° 17' 01.5294"
243	53° 52' 11.8704"	14° 17' 02.6027"
244	53° 52' 09.2282"	14° 17' 02.9580"
245	53° 52' 07.0579"	14° 17' 02.1818"
246	53° 52' 06.6474"	14° 17' 02.1500"

247	53° 52' 04.9134"	14° 17' 02.4138"
248	53° 52' 04.4785"	14° 17' 02.4770"
249	53° 52' 00.4948"	14° 17' 02.9444"
250	53° 51' 58.6755"	14° 17' 03.3575"
251	53° 51' 54.1879"	14° 17' 04.7528"
252	53° 51' 53.7428"	14° 17' 04.8917"
253	53° 51' 52.7564"	14° 17' 05.1984"
254	53° 51' 50.1962"	14° 17' 05.6554"
255	53° 51' 49.3806"	14° 17' 05.7538"
256	53° 51' 47.4159"	14° 17' 10.6198"
257	53° 51' 45.3912"	14° 17' 08.4194"
258	53° 51' 43.5936"	14° 17' 13.0824"
259	53° 51' 41.8790"	14° 17' 11.0826"
260	53° 51' 38.4306"	14° 17' 14.0959"
261	53° 51' 37.2373"	14° 17' 15.8739"
262	53° 51' 35.9708"	14° 17' 18.6080"
263	53° 51' 35.5686"	14° 17' 18.3312"
264	53° 51' 35.4463"	14° 17' 18.3226"
265	53° 51' 24.1575"	14° 17' 10.0499"
266	53° 51' 24.2089"	14° 17' 09.7915"
267	53° 51' 23.9789"	14° 17' 09.6684"
268	53° 51' 22.2105"	14° 17' 08.7219"
269	53° 51' 20.3612"	14° 17' 08.8308"
270	53° 51' 13.9946"	14° 17' 09.0974"
271	53° 51' 13.3749"	14° 17' 09.0489"
272	53° 51' 11.3478"	14° 17' 08.9721"
273	53° 51' 11.1584"	14° 17' 08.9743"
274	53° 51' 10.9692"	14° 17' 08.9690"
275	53° 51' 10.7802"	14° 17' 08.9561"
276	53° 51' 10.5912"	14° 17' 08.9357"
277	53° 51' 09.4079"	14° 17' 08.7737"
278	53° 51' 09.1777"	14° 17' 08.7422"

279	53° 51' 08.7625"	14° 17' 05.9595"
280	53° 51' 06.7482"	14° 16' 53.2154"
281	53° 51' 06.6984"	14° 16' 52.8885"
282	53° 51' 06.3919"	14° 16' 50.8760"
283	53° 51' 09.0324"	14° 16' 49.8846"
284	53° 51' 09.4471"	14° 16' 49.7286"
285	53° 51' 09.6654"	14° 16' 49.6471"
286	53° 51' 09.8563"	14° 16' 49.5750"
287	53° 51' 10.7470"	14° 16' 49.2407"
288	53° 51' 10.8995"	14° 16' 49.1832"
289	53° 51' 11.6630"	14° 16' 47.8489"
290	53° 51' 12.0819"	14° 16' 47.8587"
291	53° 51' 13.6622"	14° 16' 47.9485"
292	53° 51' 15.4332"	14° 16' 47.1406"
293	53° 51' 17.2363"	14° 16' 46.4727"
294	53° 51' 17.5379"	14° 16' 46.3611"
295	53° 51' 18.7513"	14° 16' 43.9955"
296	53° 51' 19.6641"	14° 16' 42.2163"
297	53° 51' 19.7325"	14° 16' 42.0308"
298	53° 51' 23.3131"	14° 16' 42.8413"
299	53° 51' 24.6751"	14° 16' 42.6981"
300	53° 51' 27.0012"	14° 16' 42.4515"
301	53° 51' 32.3416"	14° 16' 40.8581"
302	53° 51' 33.6850"	14° 16' 34.8032"
303	53° 51' 34.2006"	14° 16' 35.7309"
304	53° 51' 34.3232"	14° 16' 35.8719"
305	53° 51' 34.9427"	14° 16' 36.5686"
306	53° 51' 37.1377"	14° 16' 38.1947"
307	53° 51' 37.6315"	14° 16' 36.0071"
308	53° 51' 37.9931"	14° 16' 36.2794"
309	53° 51' 38.9789"	14° 16' 36.4317"
310	53° 51' 39.3201"	14° 16' 36.6773"

311	53° 51' 41.5248"	14° 16' 38.1063"
312	53° 51' 42.2003"	14° 16' 38.1056"
313	53° 51' 41.9274"	14° 16' 35.0382"
314	53° 51' 39.9871"	14° 16' 33.7526"
315	53° 51' 38.7879"	14° 16' 32.9582"
316	53° 51' 34.3971"	14° 16' 30.0510"
317	53° 51' 35.9466"	14° 16' 27.5655"
318	53° 51' 37.7194"	14° 16' 25.5282"
319	53° 51' 40.8057"	14° 16' 21.3760"
320	53° 51' 41.8331"	14° 16' 20.0995"
321	53° 51' 44.1650"	14° 16' 17.2025"
322	53° 51' 47.8099"	14° 16' 13.2796"
323	53° 51' 50.2847"	14° 16' 11.0291"
324	53° 51' 50.4587"	14° 16' 10.8705"
325	53° 51' 51.1605"	14° 16' 10.2322"
326	53° 51' 52.3289"	14° 16' 08.4551"
327	53° 51' 53.4470"	14° 16' 06.7546"
328	53° 51' 54.3651"	14° 16' 05.5409"
329	53° 51' 55.3397"	14° 16' 02.4735"
330	53° 51' 55.7795"	14° 16' 01.5062"
331	53° 51' 56.6940"	14° 16' 06.7744"
332	53° 51' 56.5476"	14° 16' 08.5890"
333	53° 51' 58.9082"	14° 16' 30.9642"
334	53° 52' 09.6251"	14° 16' 26.8403"
335	53° 52' 11.7969"	14° 16' 25.8762"
336	53° 52' 18.0653"	14° 16' 23.3880"
337	53° 52' 19.6397"	14° 16' 22.7625"
338	53° 52' 23.3698"	14° 16' 21.2825"
339	53° 52' 32.8938"	14° 16' 16.4769"
340	53° 52' 41.4341"	14° 16' 10.7477"
341	53° 52' 41.1777"	14° 16' 09.6530"
342	53° 52' 43.3414"	14° 16' 08.2008"

343	53° 52' 43.6589"	14° 16' 06.5981"
344	53° 52' 43.4500"	14° 16' 05.2006"
345	53° 52' 42.9587"	14° 16' 04.3907"
346	53° 52' 43.2400"	14° 16' 03.6673"
347	53° 52' 40.8676"	14° 16' 00.8483"
348	53° 52' 39.4400"	14° 16' 00.0465"
349	53° 52' 38.0386"	14° 15' 58.2959"
350	53° 52' 36.4897"	14° 15' 56.1775"
351	53° 52' 33.0546"	14° 15' 52.6443"
352	53° 52' 31.6837"	14° 15' 45.3202"
353	53° 52' 32.5535"	14° 15' 45.6171"
354	53° 52' 33.2689"	14° 15' 45.8611"
355	53° 52' 34.6987"	14° 15' 46.6144"
356	53° 52' 35.1460"	14° 15' 46.7406"
357	53° 52' 35.3421"	14° 15' 46.7963"
358	53° 52' 36.7968"	14° 15' 47.8323"
359	53° 52' 37.3373"	14° 15' 48.1984"
360	53° 52' 38.1208"	14° 15' 48.7289"
361	53° 52' 39.5731"	14° 15' 50.8952"
362	53° 52' 39.9428"	14° 15' 51.3645"
363	53° 52' 40.3368"	14° 15' 52.0882"
364	53° 52' 40.5307"	14° 15' 52.4715"
365	53° 52' 41.7291"	14° 15' 54.6616"
366	53° 52' 41.5639"	14° 15' 55.3500"
367	53° 52' 42.3104"	14° 15' 57.1144"
368	53° 52' 42.7916"	14° 15' 57.8335"
369	53° 52' 43.0324"	14° 15' 58.2275"
370	53° 52' 43.8689"	14° 15' 59.2542"
371	53° 52' 45.6053"	14° 16' 02.0277"
372	53° 52' 46.3986"	14° 16' 02.9789"
373	53° 52' 46.9447"	14° 16' 03.5770"
374	53° 52' 47.5703"	14° 16' 04.2286"

375	53° 52' 47.7923"	14° 16' 04.4102"
376	53° 52' 47.9562"	14° 16' 04.5003"
377	53° 52' 48.8367"	14° 16' 05.1725"
378	53° 52' 48.8810"	14° 16' 05.1559"
379	53° 52' 49.1336"	14° 16' 05.0605"
380	53° 52' 50.0548"	14° 16' 04.5955"
381	53° 52' 50.6513"	14° 16' 04.2355"
382	53° 52' 51.8425"	14° 16' 03.3848"
383	53° 52' 52.0400"	14° 16' 03.1763"
384	53° 52' 52.2395"	14° 16' 02.9660"
385	53° 52' 48.7382"	14° 15' 47.1758"
386	53° 52' 50.0981"	14° 15' 44.9953"
387	53° 52' 58.9787"	14° 15' 30.7556"
388	53° 53' 06.8662"	14° 15' 18.1048"
389	53° 53' 07.8240"	14° 15' 16.4222"
390	53° 53' 09.0108"	14° 15' 18.2577"
391	53° 53' 09.3031"	14° 15' 17.5673"
392	53° 53' 10.3297"	14° 15' 15.8037"
393	53° 53' 12.5720"	14° 15' 19.5397"
394	53° 53' 13.0692"	14° 15' 16.6855"
395	53° 53' 13.3338"	14° 15' 15.4329"
396	53° 53' 13.0612"	14° 15' 14.9367"
397	53° 53' 14.0643"	14° 15' 13.4284"
398	53° 53' 14.1335"	14° 15' 13.1660"
399	53° 53' 14.3917"	14° 15' 13.0699"
400	53° 53' 14.3715"	14° 15' 12.1635"
401	53° 53' 15.0428"	14° 15' 11.0214"
402	53° 53' 15.8622"	14° 15' 09.6384"
403	53° 53' 16.5849"	14° 15' 08.3366"
404	53° 53' 17.0603"	14° 15' 07.5423"
405	53° 53' 17.1722"	14° 15' 07.5370"
406	53° 53' 17.4241"	14° 15' 07.5873"

407	53° 53' 17.5406"	14° 15' 07.6378"
408	53° 53' 17.6991"	14° 15' 07.3847"
409	53° 53' 20.4690"	14° 15' 12.0034"
410	53° 53' 20.6165"	14° 15' 12.3589"
411	53° 53' 22.4886"	14° 15' 17.0682"
412	53° 53' 22.8360"	14° 15' 18.0066"
413	53° 53' 22.8800"	14° 15' 18.2194"
414	53° 53' 23.0866"	14° 15' 18.6812"
415	53° 53' 23.2968"	14° 15' 19.0113"
416	53° 53' 24.5036"	14° 15' 17.5651"
417	53° 53' 25.7222"	14° 15' 16.1046"
418	53° 53' 27.4681"	14° 15' 14.0120"
419	53° 53' 31.3788"	14° 15' 09.3412"
420	53° 53' 31.3869"	14° 15' 09.4986"
421	53° 53' 31.8515"	14° 15' 10.9010"
422	53° 53' 31.9134"	14° 15' 10.8362"
423	53° 53' 31.9086"	14° 15' 10.8228"
424	53° 53' 31.8598"	14° 15' 10.7832"
425	53° 53' 31.8444"	14° 15' 10.6763"
426	53° 53' 31.8472"	14° 15' 10.6465"
427	53° 53' 31.8330"	14° 15' 10.6053"
428	53° 53' 31.8528"	14° 15' 10.5914"
429	53° 53' 31.8781"	14° 15' 10.5519"
430	53° 53' 32.5556"	14° 15' 09.8591"
431	53° 53' 32.7321"	14° 15' 09.6662"
432	53° 53' 32.8667"	14° 15' 09.5822"
433	53° 53' 33.0362"	14° 15' 09.5492"
434	53° 53' 33.3872"	14° 15' 09.4812"
435	53° 53' 33.4919"	14° 15' 09.4606"
436	53° 53' 33.5317"	14° 15' 09.4591"
437	53° 53' 33.5905"	14° 15' 09.4558"
438	53° 53' 33.6680"	14° 15' 09.6853"

439	53° 53' 33.7013"	14° 15' 09.6858"
440	53° 53' 33.6968"	14° 15' 09.7694"
441	53° 53' 35.6249"	14° 15' 07.9298"
442	53° 53' 35.6697"	14° 15' 06.9180"
443	53° 53' 33.5354"	14° 15' 05.6497"
444	53° 53' 33.5481"	14° 15' 05.4867"
445	53° 53' 33.5677"	14° 15' 05.2235"
446	53° 53' 33.5947"	14° 15' 05.2288"
447	53° 53' 33.6041"	14° 15' 05.2156"
448	53° 53' 33.6800"	14° 15' 04.3212"
449	53° 53' 33.9744"	14° 15' 04.4005"
450	53° 53' 34.1457"	14° 15' 04.4320"
451	53° 53' 34.2160"	14° 15' 04.4340"
452	53° 53' 34.1991"	14° 15' 04.6395"
453	53° 53' 34.3247"	14° 15' 04.6691"
454	53° 53' 34.3340"	14° 15' 04.5397"
455	53° 53' 34.7651"	14° 15' 04.4812"
456	53° 53' 35.1726"	14° 15' 04.4254"
457	53° 53' 35.0755"	14° 15' 03.3643"
458	53° 53' 33.4216"	14° 15' 03.6641"
459	53° 53' 33.3175"	14° 15' 03.3345"
460	53° 53' 32.8453"	14° 15' 02.0935"
461	53° 53' 32.4133"	14° 15' 01.0654"
462	53° 53' 31.8954"	14° 14' 59.8807"
463	53° 53' 30.8562"	14° 14' 57.5047"
464	53° 53' 30.4925"	14° 14' 56.6728"
465	53° 53' 30.5632"	14° 14' 56.5218"
466	53° 53' 30.8908"	14° 14' 55.8892"
467	53° 53' 37.6517"	14° 14' 43.3870"
468	53° 53' 37.8392"	14° 14' 43.1806"
469	53° 53' 38.1884"	14° 14' 42.9965"
470	53° 53' 40.0137"	14° 14' 42.0348"

471	53° 53' 40.0373"	14° 14' 42.6519"
472	53° 53' 40.9343"	14° 14' 43.8221"
473	53° 53' 41.0107"	14° 14' 43.7399"
474	53° 53' 41.5708"	14° 14' 44.5453"
475	53° 53' 42.6421"	14° 14' 46.9245"
476	53° 53' 42.8394"	14° 14' 47.2534"
477	53° 53' 44.6005"	14° 14' 49.2403"
478	53° 53' 44.9373"	14° 14' 49.8310"
479	53° 53' 48.1280"	14° 14' 47.0599"
480	53° 53' 49.8774"	14° 14' 45.4914"
481	53° 53' 50.2968"	14° 14' 46.3762"
482	53° 53' 52.1775"	14° 14' 44.6199"
483	53° 53' 54.2667"	14° 14' 42.5973"
484	53° 53' 55.1800"	14° 14' 41.5391"
485	53° 53' 56.0983"	14° 14' 40.2393"
486	53° 53' 57.0232"	14° 14' 38.6698"
487	53° 53' 57.4143"	14° 14' 37.8943"
488	53° 53' 57.7079"	14° 14' 37.2276"
489	53° 53' 58.1302"	14° 14' 36.2680"
490	53° 53' 58.3379"	14° 14' 35.7968"
491	53° 53' 58.5428"	14° 14' 35.8139"
492	53° 53' 59.0046"	14° 14' 36.9312"
493	53° 53' 58.9282"	14° 14' 37.0218"
494	53° 53' 59.1614"	14° 14' 37.5873"
495	53° 54' 00.3153"	14° 14' 36.4244"
496	53° 54' 02.6914"	14° 14' 35.5714"
497	53° 54' 02.8899"	14° 14' 35.7622"
498	53° 54' 03.1611"	14° 14' 35.7267"
499	53° 54' 03.2162"	14° 14' 35.7485"
500	53° 54' 03.1871"	14° 14' 35.8604"
501	53° 54' 03.0705"	14° 14' 36.5548"
502	53° 54' 03.0252"	14° 14' 36.9073"

503	53° 54' 02.9976"	14° 14' 36.8947"
504	53° 54' 02.2929"	14° 14' 41.9427"
505	53° 54' 02.2348"	14° 14' 42.5359"
506	53° 54' 02.2573"	14° 14' 42.7759"
507	53° 54' 02.9852"	14° 14' 42.9847"
508	53° 54' 04.5337"	14° 14' 43.0844"
509	53° 54' 07.1487"	14° 14' 43.2179"
510	53° 54' 07.2000"	14° 14' 42.5344"
511	53° 54' 08.9733"	14° 14' 42.5644"
512	53° 54' 11.5300"	14° 14' 42.7683"
513	53° 54' 17.0178"	14° 14' 45.7147"
514	53° 54' 17.1246"	14° 14' 45.2483"
515	53° 54' 17.2886"	14° 14' 45.3702"
516	53° 54' 18.3718"	14° 14' 46.2072"
517	53° 54' 18.4103"	14° 14' 46.2211"
518	53° 54' 18.4380"	14° 14' 46.2434"
519	53° 54' 18.4573"	14° 14' 46.2076"
520	53° 54' 18.4718"	14° 14' 46.1946"
521	53° 54' 18.5137"	14° 14' 46.2412"
522	53° 54' 18.6225"	14° 14' 46.3848"
523	53° 54' 18.6597"	14° 14' 47.2516"
524	53° 54' 19.2328"	14° 14' 47.7767"
525	53° 54' 19.2489"	14° 14' 47.7181"
526	53° 54' 22.3547"	14° 14' 50.2997"
527	53° 54' 23.2004"	14° 14' 51.8119"
528	53° 54' 25.4628"	14° 14' 55.8056"
529	53° 54' 25.6312"	14° 14' 56.2034"
530	53° 54' 25.6706"	14° 14' 56.1581"
531	53° 54' 25.9808"	14° 14' 56.9237"
532	53° 54' 26.2472"	14° 14' 57.3194"
533	53° 54' 26.6234"	14° 14' 58.4212"
534	53° 54' 26.7997"	14° 14' 58.9545"

535	53° 54' 26.9006"	14° 14' 59.2998"
536	53° 54' 26.9234"	14° 14' 59.4052"
537	53° 54' 27.0130"	14° 14' 59.8269"
538	53° 54' 26.9662"	14° 14' 59.8881"
539	53° 54' 27.0477"	14° 15' 00.7626"
540	53° 54' 27.1080"	14° 15' 01.5299"
541	53° 54' 27.1089"	14° 15' 01.7677"
542	53° 54' 27.0968"	14° 15' 02.2415"
543	53° 54' 27.0504"	14° 15' 02.6009"
544	53° 54' 26.9663"	14° 15' 03.0701"
545	53° 54' 25.8757"	14° 15' 08.2949"
546	53° 54' 25.8193"	14° 15' 08.7010"
547	53° 54' 25.7692"	14° 15' 09.7673"
548	53° 54' 25.7776"	14° 15' 10.7972"
549	53° 54' 25.8144"	14° 15' 11.3982"
550	53° 54' 25.8879"	14° 15' 12.0790"
551	53° 54' 26.0357"	14° 15' 13.2757"
552	53° 54' 26.1795"	14° 15' 14.2546"
553	53° 54' 26.1863"	14° 15' 14.3090"
554	53° 54' 26.4427"	14° 15' 16.3243"
555	53° 54' 26.5097"	14° 15' 17.7210"
556	53° 54' 26.5895"	14° 15' 19.2412"
557	53° 54' 26.6603"	14° 15' 20.4118"
558	53° 54' 26.6682"	14° 15' 20.5439"
559	53° 54' 26.7775"	14° 15' 22.3512"
560	53° 54' 26.7879"	14° 15' 22.5210"
561	53° 54' 26.8331"	14° 15' 27.3421"
562	53° 54' 26.8806"	14° 15' 28.2293"
563	53° 54' 27.0348"	14° 15' 28.2329"
564	53° 54' 27.1638"	14° 15' 30.8038"
565	53° 54' 27.1733"	14° 15' 31.4603"
566	53° 54' 27.1823"	14° 15' 31.5858"

567	53° 54' 27.0437"	14° 15' 31.6519"
568	53° 54' 26.8981"	14° 15' 31.9262"
569	53° 54' 26.9692"	14° 15' 33.7045"
570	53° 54' 26.8733"	14° 15' 33.7316"
571	53° 54' 26.9101"	14° 15' 34.6474"
572	53° 54' 27.2393"	14° 15' 37.2542"
573	53° 54' 27.6668"	14° 15' 37.1122"
574	53° 54' 27.8144"	14° 15' 38.4878"
575	53° 54' 28.4798"	14° 15' 44.1668"
576	53° 54' 28.6168"	14° 15' 45.0908"
577	53° 54' 28.7880"	14° 15' 45.8541"
578	53° 54' 29.0410"	14° 15' 46.8424"
579	53° 54' 29.3315"	14° 15' 47.8124"
580	53° 54' 30.4370"	14° 15' 50.5373"
581	53° 54' 30.5794"	14° 15' 50.9600"
582	53° 54' 30.7684"	14° 15' 51.4442"
583	53° 54' 31.7700"	14° 15' 53.7883"
584	53° 54' 31.8664"	14° 15' 53.6878"
585	53° 54' 32.1857"	14° 15' 54.5450"
586	53° 54' 32.2268"	14° 15' 54.6601"
587	53° 54' 32.4761"	14° 15' 55.8458"
588	53° 54' 32.6804"	14° 15' 56.7555"
589	53° 54' 32.9542"	14° 15' 57.8093"
590	53° 54' 33.3765"	14° 15' 59.0830"
591	53° 54' 33.5754"	14° 15' 59.4729"
592	53° 54' 34.1602"	14° 16' 01.0195"
593	53° 54' 34.2264"	14° 16' 00.9411"
594	53° 54' 34.5421"	14° 16' 01.9966"
595	53° 54' 35.0539"	14° 16' 03.5343"
596	53° 54' 36.0259"	14° 16' 05.2535"
597	53° 54' 36.2560"	14° 16' 05.6776"
598	53° 54' 37.3773"	14° 16' 08.1403"

599	53° 54' 37.5084"	14° 16' 08.4284"
600	53° 54' 42.4814"	14° 16' 19.3533"
601	53° 54' 43.0027"	14° 16' 20.5002"
602	53° 54' 44.1471"	14° 16' 22.9387"
603	53° 54' 44.2959"	14° 16' 22.7262"
604	53° 54' 44.9597"	14° 16' 21.7757"
605	53° 54' 45.3398"	14° 16' 21.2340"
606	53° 54' 45.2071"	14° 16' 20.3353"
607	53° 54' 45.1670"	14° 16' 20.2120"
608	53° 54' 44.5684"	14° 16' 18.7355"
609	53° 54' 44.5630"	14° 16' 18.7418"
610	53° 54' 44.5541"	14° 16' 18.7188"
611	53° 54' 44.5595"	14° 16' 18.7130"
612	53° 54' 43.8226"	14° 16' 16.8954"
613	53° 54' 43.6777"	14° 16' 16.5616"
614	53° 54' 43.6724"	14° 16' 16.5680"
615	53° 54' 43.6628"	14° 16' 16.5461"
616	53° 54' 43.6682"	14° 16' 16.5398"
617	53° 54' 43.4678"	14° 16' 16.0846"
618	53° 54' 42.7247"	14° 16' 14.3667"
619	53° 54' 42.7197"	14° 16' 14.3731"
620	53° 54' 42.7101"	14° 16' 14.3512"
621	53° 54' 42.7152"	14° 16' 14.3448"
622	53° 54' 41.7612"	14° 16' 12.1484"
623	53° 54' 41.7561"	14° 16' 12.1548"
624	53° 54' 41.7466"	14° 16' 12.1324"
625	53° 54' 41.7516"	14° 16' 12.1260"
626	53° 54' 41.3677"	14° 16' 11.2591"
627	53° 54' 39.6093"	14° 16' 07.2113"
628	53° 54' 38.2451"	14° 16' 04.0643"
629	53° 54' 37.2027"	14° 16' 05.3625"
630	53° 54' 35.4343"	14° 16' 01.2958"

631	53° 54' 37.1710"	14° 15' 59.1272"
632	53° 54' 38.3879"	14° 15' 57.6042"
633	53° 54' 38.8023"	14° 15' 57.0958"
634	53° 54' 38.8402"	14° 15' 56.9689"
635	53° 54' 38.8615"	14° 15' 57.0220"
636	53° 54' 38.9921"	14° 15' 57.3466"
637	53° 54' 41.0920"	14° 16' 02.1829"
638	53° 54' 43.4711"	14° 16' 07.6217"
639	53° 54' 43.5147"	14° 16' 07.5739"
640	53° 54' 44.8061"	14° 16' 10.5655"
641	53° 54' 44.7479"	14° 16' 10.6455"
642	53° 54' 45.0891"	14° 16' 11.4451"
643	53° 54' 45.0945"	14° 16' 11.4387"
644	53° 54' 45.1037"	14° 16' 11.4611"
645	53° 54' 45.0984"	14° 16' 11.4669"
646	53° 54' 46.0438"	14° 16' 13.6861"
647	53° 54' 46.0492"	14° 16' 13.6797"
648	53° 54' 46.0584"	14° 16' 13.7016"
649	53° 54' 46.0534"	14° 16' 13.7079"
650	53° 54' 46.9789"	14° 16' 15.8792"
651	53° 54' 46.9840"	14° 16' 15.8728"
652	53° 54' 46.9935"	14° 16' 15.8952"
653	53° 54' 46.9882"	14° 16' 15.9016"
654	53° 54' 47.0798"	14° 16' 16.1177"
655	53° 54' 47.5308"	14° 16' 15.8742"
656	53° 54' 47.6154"	14° 16' 15.8292"
657	53° 54' 47.6394"	14° 16' 15.9460"
658	53° 54' 48.4612"	14° 16' 19.9171"
659	53° 54' 49.1032"	14° 16' 23.0288"
660	53° 54' 49.9809"	14° 16' 27.3268"
661	53° 54' 50.1787"	14° 16' 27.2252"
662	53° 54' 50.3379"	14° 16' 27.8235"

663	53° 54' 50.2219"	14° 16' 28.0152"
664	53° 54' 50.3170"	14° 16' 28.2695"
665	53° 54' 53.1326"	14° 16' 30.4485"
666	53° 54' 55.3278"	14° 16' 32.0766"
667	53° 54' 56.5683"	14° 16' 33.0408"
668	53° 54' 58.6330"	14° 16' 34.6914"
669	53° 54' 58.9379"	14° 16' 34.9987"
670	53° 54' 59.5022"	14° 16' 35.9851"
671	53° 54' 59.8576"	14° 16' 36.7427"
672	53° 55' 00.0797"	14° 16' 37.1711"
673	53° 55' 00.1970"	14° 16' 37.3629"
674	53° 55' 00.4442"	14° 16' 37.4871"
675	53° 55' 00.6064"	14° 16' 36.5595"
676	53° 55' 00.7874"	14° 16' 35.4644"
677	53° 55' 01.3028"	14° 16' 35.4605"
678	53° 55' 01.6326"	14° 16' 33.4587"
679	53° 55' 02.4462"	14° 16' 33.8568"
680	53° 55' 01.8592"	14° 16' 37.5183"
681	53° 55' 01.0610"	14° 16' 37.1548"
682	53° 55' 00.9798"	14° 16' 37.7201"
683	53° 55' 01.9958"	14° 16' 38.1254"
684	53° 55' 02.1098"	14° 16' 37.5769"
685	53° 55' 02.1567"	14° 16' 37.3612"
686	53° 55' 02.2635"	14° 16' 36.9338"
687	53° 55' 02.6160"	14° 16' 35.2686"
688	53° 55' 03.6198"	14° 16' 35.8430"
689	53° 55' 04.3322"	14° 16' 36.3136"
690	53° 55' 05.4256"	14° 16' 37.0129"
691	53° 55' 07.3570"	14° 16' 37.9225"
692	53° 55' 07.7443"	14° 16' 38.0670"
693	53° 55' 09.0171"	14° 16' 38.8488"
694	53° 55' 09.7512"	14° 16' 39.0564"

695	53° 55' 10.1657"	14° 16' 39.1225"
696	53° 55' 10.4133"	14° 16' 39.1929"
697	53° 55' 10.5966"	14° 16' 39.2797"
698	53° 55' 11.0982"	14° 16' 39.5896"
699	53° 55' 11.5244"	14° 16' 39.8157"
700	53° 55' 12.1925"	14° 16' 39.9569"
701	53° 55' 12.9050"	14° 16' 40.2450"
702	53° 55' 12.9531"	14° 16' 40.4551"
703	53° 55' 13.6480"	14° 16' 40.7652"
704	53° 55' 14.4055"	14° 16' 41.3972"
705	53° 55' 15.3049"	14° 16' 42.1476"
706	53° 55' 16.0395"	14° 16' 42.1968"
707	53° 55' 17.1291"	14° 16' 43.0619"
708	53° 55' 17.4365"	14° 16' 43.0556"
709	53° 55' 18.1554"	14° 16' 43.0416"
710	53° 55' 19.3832"	14° 16' 43.9778"
711	53° 55' 22.9629"	14° 16' 44.6062"
712	53° 55' 29.8593"	14° 16' 42.1102"
713	53° 55' 29.9045"	14° 16' 42.0744"
714	53° 55' 31.2622"	14° 16' 40.9884"
715	53° 55' 32.3075"	14° 16' 40.0346"
716	53° 55' 33.6748"	14° 16' 38.6985"
717	53° 55' 34.8230"	14° 16' 37.7742"



