



# Notice to Mariners – Hornsea Project Two

## Notice of Geotechnical Survey – Issued 15<sup>th</sup> June 2018

### 1. INTRODUCTION

Mariners are advised that Hornsea Project Two is undertaking ongoing geotechnical investigations at the proposed Hornsea Project Two Offshore Wind Farm located within the UK Sector of the North Sea, off the coast of East Yorkshire as shown in Figures 1 and 2. These geotechnical investigations are being undertaken in addition to ongoing geophysical surveys for the site. The geotechnical survey operations commenced on the 1<sup>st</sup> June and may continue through to the 31<sup>st</sup> October (weather dependent).

A further vessel, the Fugro Scout will join M/V Despina in the geotechnical campaign. Both will be undertaking seabed investigations within the wind farm array area and at selected sites along the export cable route. Further vessels will also join the geotechnical campaign and updates to these Notice to Mariners will be issued accordingly.

### 2. AREA OF OPERATIONS

Activities will centre on the Hornsea Project Two offshore wind farm array area and at selected locations along the export cable route as shown in Figure 1. Note that the proposed geotechnical survey area overlaps with the ongoing geophysical survey area shown in Figure 2. The coordinates of the geotechnical survey are appended to the end of this Notice. Mariners are advised that MaxSea and Olex plotter files of the proposed survey areas can be provided by the Project's Commercial Fisheries Advisors at Brown and May Marine Limited and the Project's onshore fisheries liaison. Contact details are provided in Section 5 of this Notice.

The survey vessel will be deployed to survey locations within the area at times and positions determined by client requirements, weather and sea conditions. The Despina will operate out of Immingham and the Fugro Scout will mobilise from Ijmuiden, Netherlands.

Figure 1. Geotechnical Survey Area

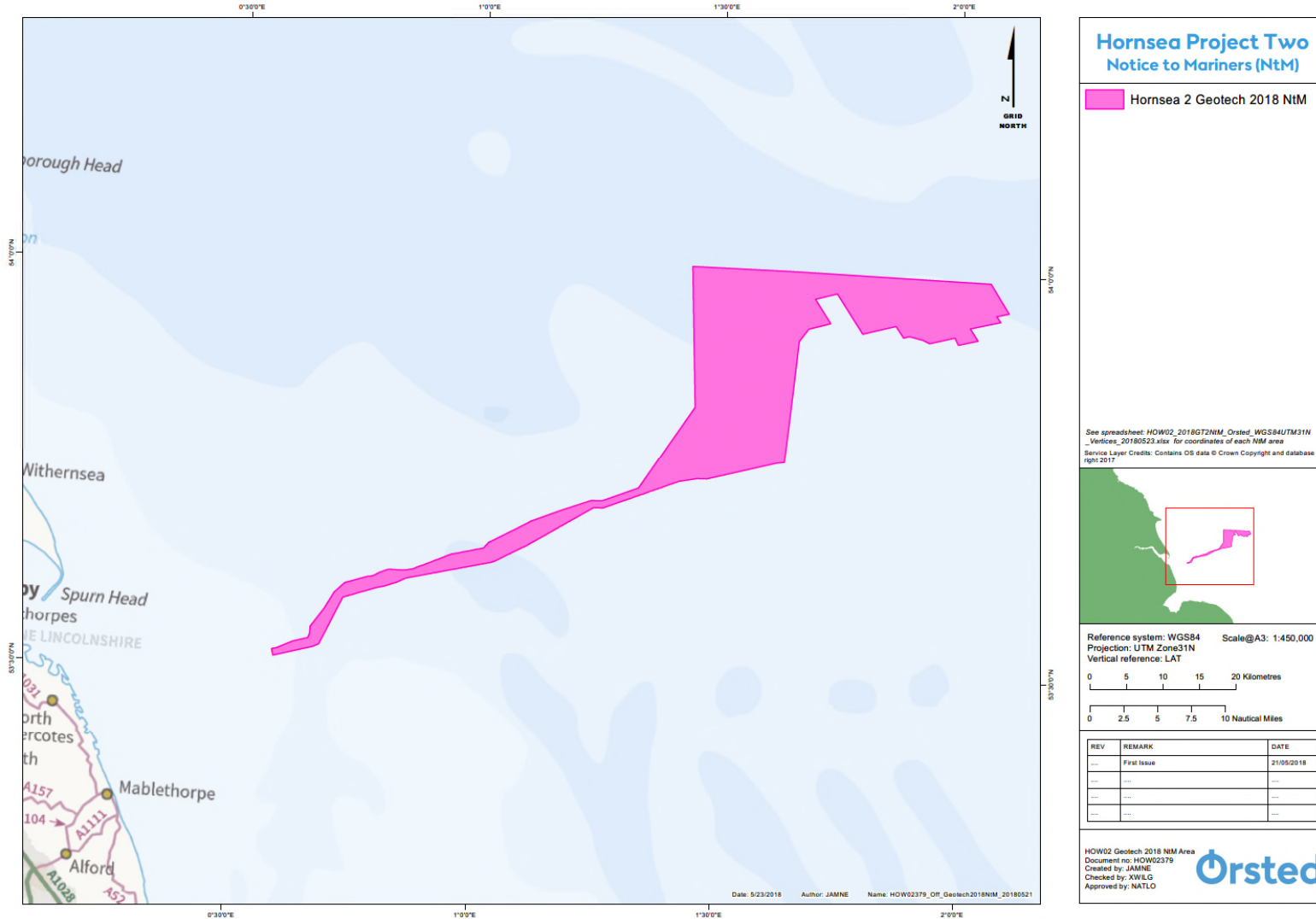
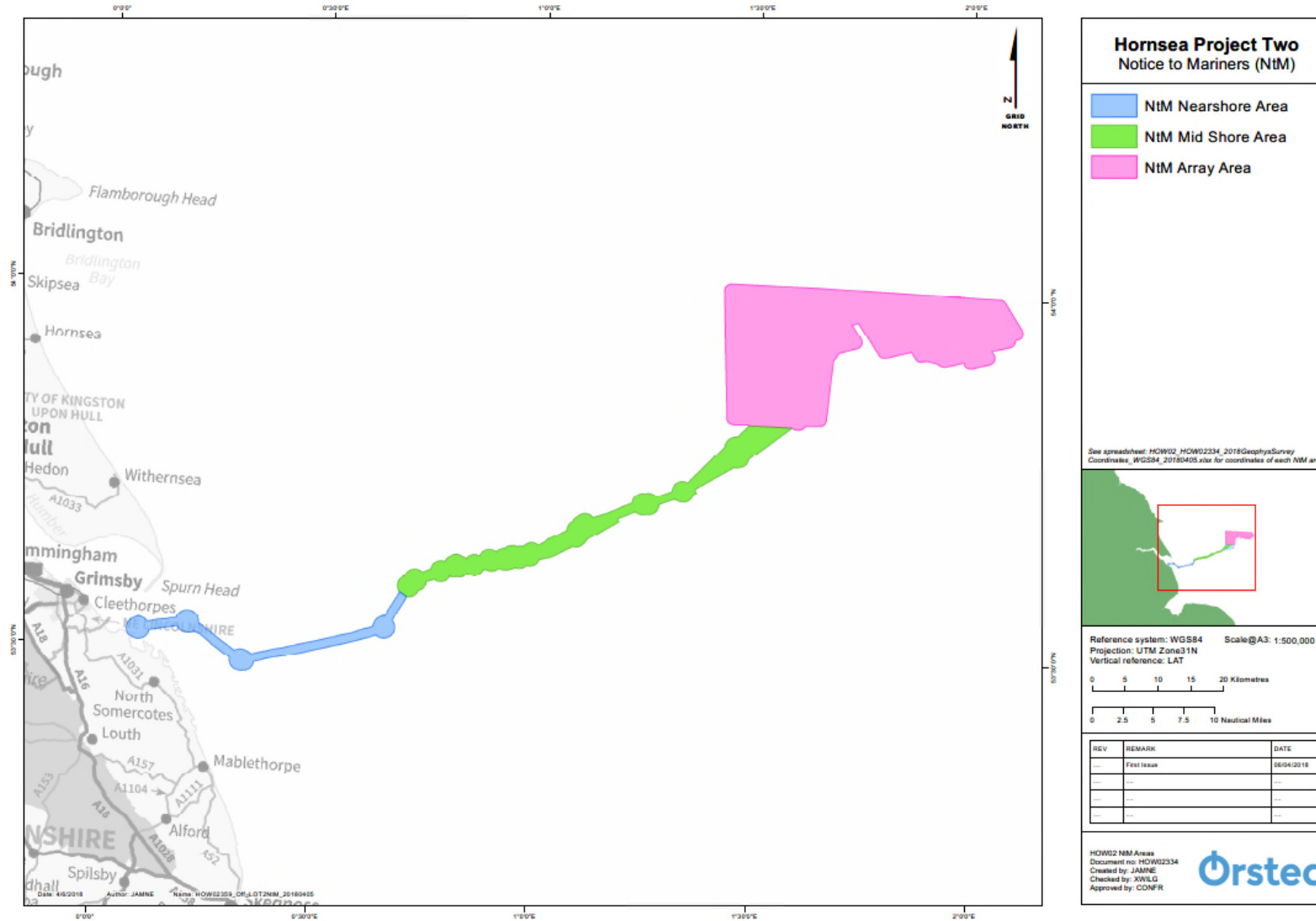


Figure 2: Ongoing Geophysical Survey Campaign Area



### 3. SURVEY

#### 3.1 Geotechnical Survey

Please be advised that Ørsted will be carrying out geotechnical surveys using the M/V Despina and Fugro Scout within the Hornsea Project Two Wind Farm boundary. Note that this geotechnical survey scope will be undertaken alongside the ongoing geophysical survey scope within the Hornsea Project Two Wind Farm boundary therefore the vessels will be present at various locations within the site at any one time.

The M/V Despina has mobilised and the Fugro Scout is expected to arrive on site on, or around the 22<sup>nd</sup> June. Additional vessels are likely to join the campaign and subsequent updates to these Notices will be issued. The exact survey dates are dependent on weather and work progress, but the forecasted completion date as of the publication date of this notice is the end of October 2018.

The vessels will be deploying geotechnical sampling equipment (vibrocorer and cone-penetration testing (CPT) equipment). Once at the selected sample locations, the vessels will have limited manoeuvrability and it is requested that all vessels operating near the proposed survey area keep a safe distance (at least 500m) and pass at minimum speed.

#### 3.2 Safety

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the survey area that could be damaged or form a hazard to the survey vessel and its equipment advises the Project's Fishing Industry Liaison of their position and nature. The Project has also requested the clearance of static fishing gear within the boundary shown in Figure 1 and described in Section 7 of this Notice. When surveys commence a listening watch will be maintained on VHF Channel 12 and 16 when within the appropriate port authority area, and will actively transmit an AIS signal. The survey vessels will also broadcast at regular daily intervals the vessel position, operational information and intentions.

### 4. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Project Two requirements. A further notice will be issued once survey operations are completed.

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to:

<b>Geotechnical Investigations:</b>		
<b>Project Manager (Ørsted)</b>	Mira Rosten	
Tel: +44 (0)7824 545178	Mob: +44 (0)7824 545178	E-mail: <a href="mailto:mirro@orsted.co.uk">mirro@orsted.co.uk</a>
<b>Vessel Manager (M/V Despina)</b>	Kurt Kleppe	
Tel: +47 22 13 46 00	Mob: +47 95 72 14 19	E-mail: <a href="mailto:k.kleppe@fugro.com">k.kleppe@fugro.com</a>
<b>CPT Package Manager (M/V Despina)</b>	Vicki Griffiths	
Tel: +44 (0)1491 820 696	Mob:+44 (0)7881 266 233	E-mail: <a href="mailto:v.griffiths@fugro.com">v.griffiths@fugro.com</a>
<b>Vessel Manager (Fugro Scout)</b>	Dirk-Jan Karssens	
Tel: +31 703 115 314	Mob: +31 651 295 849	E-mail: <a href="mailto:dj.karssen@fugro.com">dj.karssen@fugro.com</a>

## 5. FISHERIES LIAISON

Project Two Onshore Fisheries Liaison for this survey is provided by Nick Garside and Alex Winrow-Giffin who can be contacted on:

E-mail: <a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a>	Mob: +44 (0) 7538 827013
Email: <a href="mailto:alex@brownmay.com">alex@brownmay.com</a>	Mob: +44 (0) 7760 160039

It is envisaged that an Offshore Fisheries Liaison Officer will be on-board the Seeker during the works, contactable on VHF channel 16.

In the event the Onshore Fisheries Liaison is not contactable please direct fisheries enquiries related to the survey works to the Ørsted Company Fisheries Liaison Officer:


Company Fisheries Liaison Officer – Courtney French	Tel: +44 (0)7796 447372	E-mail: <a href="mailto:CONFR@orsted.co.uk">CONFR@orsted.co.uk</a>
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## 6. SURVEY VESSELS

Survey operations will continue using the M/V Despina and Fugro Scout, whose details are provided below. Further geotechnical vessels will be on site to continue the survey campaign and this NtM will be re-issued with further details. Contact can be made directly with the vessels, where necessary, using the contact details listed below. Client and contractor contact details are provided in Section 4 and 5 of this NtM.

Vessel Contact Details – M/V Despina		
<b>Vessel Telephone</b>	Telephone Master	+47 23 67 72 01
	Telephone Bridge	+47 23 67 72 00
	Telephone Party Chief	+47 23 67 72 03
Vessel Contact Details – Fugro Scout		
<b>Vessel Telephone</b>	Telephone Master	+47 22 40 96 86
	Telephone Bridge	+47 22 40 96 85
	Telephone Party Chief	+47 22 40 96 88
	Inmarsat	+870 601 081 726

General Information	
<b>Name</b>	<b>M/V Despina</b>
<b>Flag</b>	Norway (NO)
<b>Year Built</b>	2011
<b>MMSI Number</b>	259027000
<b>Call Sign</b>	LAKW7
<b>Class</b>	DNV GL
© Olav Olsen MarineTraffic.com	
Dimensions	
<b>Length</b>	98.19m
<b>Breadth</b>	19.01m
<b>Draught</b>	6.6m

General Information	
<b>Name</b>	<b>Fugro Scout</b>
<b>Flag</b>	Singapore (SG)
<b>Year Built</b>	2015
<b>MMSI Number</b>	566948000
<b>Call Sign</b>	9V3887
<b>Class</b>	DNV+1A1
	
Dimensions	
<b>Length</b>	82.9m
<b>Breadth</b>	19.8m
<b>Draft</b>	5.65m

## 7. COORDINATES

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1	0° 35' 6.194" E	53° 31' 22.994" N
2	0° 35' 19.300" E	53° 31' 24.928" N
3	0° 35' 21.843" E	53° 31' 25.327" N
4	0° 35' 32.068" E	53° 31' 26.787" N
5	0° 35' 36.053" E	53° 31' 27.377" N
6	0° 35' 41.950" E	53° 31' 28.260" N
7	0° 35' 43.595" E	53° 31' 28.496" N
8	0° 35' 44.372" E	53° 31' 28.607" N
9	0° 37' 42.805" E	53° 32' 0.873" N
10	0° 39' 31.907" E	53° 32' 17.811" N
11	0° 39' 45.761" E	53° 32' 35.766" N
12	0° 39' 47.689" E	53° 33' 8.134" N
13	0° 41' 27.420" E	53° 34' 28.879" N
14	0° 42' 37.825" E	53° 35' 42.540" N
15	0° 43' 37.980" E	53° 36' 16.336" N
16	0° 43' 52.599" E	53° 36' 24.545" N
17	0° 43' 54.153" E	53° 36' 25.589" N
18	0° 43' 56.932" E	53° 36' 26.230" N
19	0° 43' 58.948" E	53° 36' 26.676" N
20	0° 44' 0.292" E	53° 36' 26.951" N
21	0° 44' 3.370" E	53° 36' 27.713" N
22	0° 44' 6.185" E	53° 36' 28.315" N
23	0° 44' 9.111" E	53° 36' 28.952" N
24	0° 44' 10.235" E	53° 36' 29.189" N
25	0° 44' 12.903" E	53° 36' 29.677" N
26	0° 44' 16.103" E	53° 36' 30.246" N
27	0° 44' 17.670" E	53° 36' 30.489" N
28	0° 44' 20.135" E	53° 36' 30.877" N
29	0° 44' 21.129" E	53° 36' 31.025" N
30	0° 44' 22.606" E	53° 36' 31.273" N
31	0° 44' 23.394" E	53° 36' 31.406" N
32	0° 44' 25.194" E	53° 36' 31.722" N
33	0° 44' 26.711" E	53° 36' 31.974" N
34	0° 44' 29.255" E	53° 36' 32.361" N
35	0° 44' 31.312" E	53° 36' 32.692" N
36	0° 44' 34.877" E	53° 36' 33.297" N
37	0° 44' 39.706" E	53° 36' 34.156" N
38	0° 44' 43.300" E	53° 36' 34.809" N
39	0° 44' 44.545" E	53° 36' 35.043" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
40	0° 44' 49.902" E	53° 36' 36.027" N
41	0° 44' 55.259" E	53° 36' 37.003" N
42	0° 44' 59.224" E	53° 36' 37.736" N
43	0° 45' 2.728" E	53° 36' 38.385" N
44	0° 45' 7.011" E	53° 36' 39.149" N
45	0° 45' 12.722" E	53° 36' 40.191" N
46	0° 45' 17.535" E	53° 36' 41.060" N
47	0° 45' 20.066" E	53° 36' 41.516" N
48	0° 45' 24.688" E	53° 36' 42.339" N
49	0° 45' 26.756" E	53° 36' 42.701" N
50	0° 45' 30.632" E	53° 36' 43.410" N
51	0° 45' 34.098" E	53° 36' 44.056" N
52	0° 45' 34.322" E	53° 36' 44.097" N
53	0° 45' 37.459" E	53° 36' 44.664" N
54	0° 45' 40.350" E	53° 36' 45.206" N
55	0° 45' 44.603" E	53° 36' 45.998" N
56	0° 45' 48.549" E	53° 36' 46.717" N
57	0° 45' 52.663" E	53° 36' 47.436" N
58	0° 45' 54.901" E	53° 36' 47.808" N
59	0° 45' 55.723" E	53° 36' 47.950" N
60	0° 45' 57.292" E	53° 36' 48.220" N
61	0° 46' 2.199" E	53° 36' 49.118" N
62	0° 46' 14.940" E	53° 36' 51.434" N
63	0° 46' 15.656" E	53° 36' 51.568" N
64	0° 46' 17.648" E	53° 36' 51.935" N
65	0° 46' 19.878" E	53° 36' 52.397" N
66	0° 46' 20.340" E	53° 36' 52.493" N
67	0° 46' 23.954" E	53° 36' 53.174" N
68	0° 46' 28.130" E	53° 36' 53.962" N
69	0° 46' 33.558" E	53° 36' 54.902" N
70	0° 46' 37.332" E	53° 36' 55.585" N
71	0° 46' 41.657" E	53° 36' 56.232" N
72	0° 46' 44.078" E	53° 36' 56.530" N
73	0° 46' 44.096" E	53° 36' 56.532" N
74	0° 46' 46.244" E	53° 36' 56.796" N
75	0° 46' 50.129" E	53° 36' 57.169" N
76	0° 46' 53.864" E	53° 36' 57.481" N
77	0° 46' 56.519" E	53° 36' 57.640" N
78	0° 46' 59.628" E	53° 36' 57.751" N



Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
79	0° 47' 2.791" E	53° 36' 57.850" N
80	0° 47' 5.990" E	53° 36' 57.892" N
81	0° 47' 6.962" E	53° 36' 58.077" N
82	0° 47' 9.963" E	53° 36' 58.670" N
83	0° 47' 13.417" E	53° 36' 59.291" N
84	0° 47' 18.630" E	53° 37' 0.150" N
85	0° 47' 21.942" E	53° 37' 0.748" N
86	0° 47' 25.270" E	53° 37' 1.336" N
87	0° 47' 31.870" E	53° 37' 2.586" N
88	0° 48' 15.724" E	53° 37' 16.649" N
89	0° 49' 14.047" E	53° 37' 31.003" N
90	0° 49' 37.807" E	53° 37' 30.488" N
91	0° 50' 41.773" E	53° 37' 30.212" N
92	0° 51' 27.629" E	53° 37' 30.008" N
93	0° 52' 22.865" E	53° 37' 36.921" N
94	0° 52' 31.706" E	53° 37' 39.104" N
95	0° 52' 50.755" E	53° 37' 43.918" N
96	0° 53' 13.039" E	53° 37' 49.499" N
97	0° 53' 32.216" E	53° 37' 54.241" N
98	0° 53' 52.702" E	53° 37' 59.253" N
99	0° 54' 14.399" E	53° 38' 4.457" N
100	0° 54' 32.065" E	53° 38' 8.706" N
101	0° 54' 51.176" E	53° 38' 13.369" N
102	0° 55' 11.654" E	53° 38' 18.637" N
103	0° 55' 30.145" E	53° 38' 23.086" N
104	0° 55' 39.778" E	53° 38' 25.384" N
105	0° 55' 47.148" E	53° 38' 27.218" N
106	0° 55' 54.147" E	53° 38' 28.871" N
107	0° 56' 1.754" E	53° 38' 30.760" N
108	0° 56' 8.379" E	53° 38' 32.556" N
109	0° 56' 14.542" E	53° 38' 34.327" N
110	0° 56' 20.615" E	53° 38' 36.029" N
111	0° 56' 27.386" E	53° 38' 37.728" N
112	0° 56' 36.419" E	53° 38' 39.829" N
113	0° 56' 42.086" E	53° 38' 41.174" N
114	0° 56' 49.069" E	53° 38' 42.961" N
115	0° 56' 54.354" E	53° 38' 44.265" N
116	0° 56' 57.466" E	53° 38' 44.933" N
117	0° 57' 1.261" E	53° 38' 45.671" N
118	0° 57' 5.271" E	53° 38' 46.359" N
119	0° 57' 10.436" E	53° 38' 47.107" N
120	0° 57' 14.140" E	53° 38' 47.548" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
121	0° 57' 19.389" E	53° 38' 48.171" N
122	0° 57' 27.031" E	53° 38' 49.174" N
123	0° 57' 36.574" E	53° 38' 50.455" N
124	0° 57' 45.781" E	53° 38' 51.704" N
125	0° 57' 55.283" E	53° 38' 52.939" N
126	0° 58' 5.532" E	53° 38' 54.231" N
127	0° 58' 15.317" E	53° 38' 55.469" N
128	0° 58' 24.830" E	53° 38' 56.671" N
129	0° 58' 32.150" E	53° 38' 57.609" N
130	0° 58' 39.262" E	53° 38' 58.544" N
131	0° 58' 43.320" E	53° 38' 59.097" N
132	0° 58' 47.853" E	53° 38' 59.716" N
133	0° 58' 57.443" E	53° 39' 0.937" N
134	0° 59' 5.217" E	53° 39' 1.934" N
135	0° 59' 13.977" E	53° 39' 3.019" N
136	0° 59' 23.892" E	53° 39' 4.284" N
137	0° 59' 31.914" E	53° 39' 5.324" N
138	0° 59' 39.306" E	53° 39' 6.320" N
139	0° 59' 45.586" E	53° 39' 7.169" N
140	0° 59' 54.052" E	53° 39' 8.273" N
141	1° 0' 2.550" E	53° 39' 9.385" N
142	1° 0' 12.585" E	53° 39' 10.658" N
143	1° 0' 20.965" E	53° 39' 11.709" N
144	1° 0' 30.948" E	53° 39' 12.922" N
145	1° 0' 38.599" E	53° 39' 13.851" N
146	1° 0' 44.836" E	53° 39' 14.613" N
147	1° 0' 53.131" E	53° 39' 15.656" N
148	1° 1' 0.194" E	53° 39' 16.561" N
149	1° 1' 1.039" E	53° 39' 16.669" N
150	1° 1' 37.097" E	53° 39' 41.034" N
151	1° 1' 37.431" E	53° 39' 41.252" N
152	1° 1' 38.065" E	53° 39' 41.624" N
153	1° 1' 38.738" E	53° 39' 41.971" N
154	1° 1' 39.447" E	53° 39' 42.291" N
155	1° 1' 40.191" E	53° 39' 42.583" N
156	1° 1' 40.888" E	53° 39' 42.821" N
157	1° 4' 59.847" E	53° 40' 46.117" N
158	1° 6' 44.582" E	53° 41' 19.695" N
159	1° 6' 44.706" E	53° 41' 19.734" N
160	1° 6' 45.508" E	53° 41' 19.965" N
161	1° 6' 45.859" E	53° 41' 20.055" N
162	1° 10' 23.493" E	53° 42' 10.212" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
163	1° 14' 18.151" E	53° 42' 59.861" N
164	1° 14' 18.643" E	53° 42' 59.953" N
165	1° 14' 19.506" E	53° 43' 0.086" N
166	1° 14' 20.383" E	53° 43' 0.185" N
167	1° 14' 21.268" E	53° 43' 0.250" N
168	1° 14' 22.159" E	53° 43' 0.280" N
169	1° 14' 22.530" E	53° 43' 0.282" N
170	1° 15' 37.984" E	53° 43' 0.169" N
171	1° 20' 9.181" E	53° 44' 0.980" N
172	1° 25' 51.706" E	53° 49' 6.509" N
173	1° 26' 59.977" E	53° 50' 7.227" N
174	1° 26' 20.017" E	54° 0' 31.643" N
175	1° 38' 37.344" E	54° 0' 18.496" N
176	1° 40' 21.888" E	54° 0' 15.785" N
177	2° 3' 45.960" E	53° 59' 36.941" N
178	2° 6' 6.724" E	53° 57' 24.526" N
179	2° 4' 32.400" E	53° 57' 12.498" N
180	2° 5' 4.055" E	53° 56' 46.604" N
181	2° 1' 15.293" E	53° 56' 16.320" N
182	2° 2' 14.243" E	53° 55' 22.680" N
183	1° 59' 45.801" E	53° 55' 2.542" N
184	1° 59' 20.968" E	53° 55' 35.446" N
185	1° 56' 10.643" E	53° 55' 8.180" N
186	1° 55' 20.286" E	53° 55' 23.346" N
187	1° 53' 38.133" E	53° 55' 37.610" N
188	1° 52' 54.306" E	53° 55' 31.335" N
189	1° 51' 57.433" E	53° 56' 22.887" N
190	1° 47' 47.820" E	53° 55' 46.462" N
191	1° 44' 31.904" E	53° 58' 42.196" N
192	1° 41' 46.819" E	53° 58' 17.846" N
193	1° 43' 45.616" E	53° 56' 29.687" N
194	1° 41' 0.167" E	53° 56' 3.245" N
195	1° 39' 52.048" E	53° 55' 9.310" N
196	1° 38' 58.454" E	53° 50' 5.135" N
197	1° 38' 16.697" E	53° 46' 7.303" N
198	1° 37' 22.735" E	53° 46' 4.694" N
199	1° 28' 38.862" E	53° 44' 47.878" N
200	1° 28' 38.519" E	53° 44' 47.830" N
201	1° 28' 37.641" E	53° 44' 47.733" N
202	1° 28' 36.755" E	53° 44' 47.670" N
203	1° 28' 35.863" E	53° 44' 47.641" N
204	1° 28' 35.528" E	53° 44' 47.639" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
205	1° 27' 26.631" E	53° 44' 47.760" N
206	1° 25' 25.708" E	53° 44' 36.094" N
207	1° 25' 23.767" E	53° 44' 36.494" N
208	1° 25' 21.726" E	53° 44' 35.983" N
209	1° 25' 16.460" E	53° 44' 34.837" N
210	1° 25' 11.905" E	53° 44' 33.826" N
211	1° 25' 5.783" E	53° 44' 32.532" N
212	1° 25' 0.636" E	53° 44' 31.482" N
213	1° 24' 55.896" E	53° 44' 30.527" N
214	1° 24' 48.666" E	53° 44' 29.072" N
215	1° 24' 45.408" E	53° 44' 28.408" N
216	1° 24' 43.811" E	53° 44' 28.061" N
217	1° 24' 40.939" E	53° 44' 27.438" N
218	1° 24' 34.056" E	53° 44' 25.885" N
219	1° 24' 29.208" E	53° 44' 24.765" N
220	1° 24' 23.350" E	53° 44' 23.380" N
221	1° 24' 15.438" E	53° 44' 21.568" N
222	1° 24' 10.937" E	53° 44' 20.546" N
223	1° 24' 5.696" E	53° 44' 19.438" N
224	1° 23' 59.804" E	53° 44' 18.263" N
225	1° 23' 55.014" E	53° 44' 17.294" N
226	1° 23' 47.410" E	53° 44' 15.682" N
227	1° 23' 42.856" E	53° 44' 14.669" N
228	1° 23' 36.975" E	53° 44' 13.376" N
229	1° 23' 32.664" E	53° 44' 12.408" N
230	1° 23' 26.810" E	53° 44' 11.033" N
231	1° 23' 23.764" E	53° 44' 10.330" N
232	1° 23' 14.161" E	53° 44' 7.808" N
233	1° 23' 13.226" E	53° 44' 7.599" N
234	1° 23' 9.573" E	53° 44' 6.795" N
235	1° 23' 4.806" E	53° 44' 5.746" N
236	1° 22' 59.491" E	53° 44' 4.577" N
237	1° 22' 55.363" E	53° 44' 3.670" N
238	1° 22' 50.861" E	53° 44' 2.709" N
239	1° 22' 47.936" E	53° 44' 2.038" N
240	1° 22' 44.688" E	53° 44' 1.330" N
241	1° 22' 39.340" E	53° 44' 0.120" N
242	1° 22' 35.496" E	53° 43' 59.281" N
243	1° 22' 31.544" E	53° 43' 58.365" N
244	1° 22' 27.493" E	53° 43' 57.482" N
245	1° 22' 25.138" E	53° 43' 56.974" N
246	1° 22' 20.681" E	53° 43' 56.012" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
247	1° 22' 16.527" E	53° 43' 55.076" N
248	1° 22' 12.667" E	53° 43' 54.227" N
249	1° 22' 7.745" E	53° 43' 53.111" N
250	1° 22' 0.163" E	53° 43' 51.425" N
251	1° 21' 53.610" E	53° 43' 50.008" N
252	1° 21' 48.294" E	53° 43' 48.881" N
253	1° 21' 43.718" E	53° 43' 47.905" N
254	1° 21' 37.501" E	53° 43' 46.599" N
255	1° 21' 36.891" E	53° 43' 46.464" N
256	1° 21' 31.365" E	53° 43' 45.248" N
257	1° 21' 23.471" E	53° 43' 43.536" N
258	1° 21' 19.413" E	53° 43' 42.648" N
259	1° 21' 16.406" E	53° 43' 41.862" N
260	1° 21' 6.677" E	53° 43' 39.533" N
261	1° 21' 3.545" E	53° 43' 38.838" N
262	1° 20' 59.651" E	53° 43' 37.957" N
263	1° 20' 55.041" E	53° 43' 36.928" N
264	1° 20' 48.602" E	53° 43' 35.505" N
265	1° 20' 42.316" E	53° 43' 34.109" N
266	1° 20' 36.691" E	53° 43' 32.863" N
267	1° 20' 29.532" E	53° 43' 31.281" N
268	1° 20' 20.413" E	53° 43' 29.240" N
269	1° 20' 15.629" E	53° 43' 28.178" N
270	1° 20' 8.189" E	53° 43' 26.492" N
271	1° 20' 3.171" E	53° 43' 25.377" N
272	1° 19' 57.935" E	53° 43' 24.225" N
273	1° 19' 53.090" E	53° 43' 23.154" N
274	1° 19' 46.838" E	53° 43' 21.761" N
275	1° 19' 40.591" E	53° 43' 20.401" N
276	1° 19' 34.425" E	53° 43' 18.996" N
277	1° 19' 29.666" E	53° 43' 17.958" N
278	1° 19' 24.553" E	53° 43' 16.815" N
279	1° 19' 20.192" E	53° 43' 15.865" N
280	1° 19' 13.774" E	53° 43' 14.409" N
281	1° 19' 9.188" E	53° 43' 13.348" N
282	1° 18' 59.395" E	53° 43' 11.080" N
283	1° 18' 58.319" E	53° 43' 10.909" N
284	1° 18' 55.753" E	53° 43' 10.344" N
285	1° 18' 53.779" E	53° 43' 9.944" N
286	1° 18' 48.296" E	53° 43' 8.698" N
287	1° 18' 44.392" E	53° 43' 7.853" N
288	1° 18' 38.562" E	53° 43' 6.560" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
289	1° 18' 33.235" E	53° 43' 5.368" N
290	1° 18' 27.969" E	53° 43' 4.182" N
291	1° 18' 24.371" E	53° 43' 3.376" N
292	1° 18' 20.859" E	53° 43' 2.602" N
293	1° 18' 16.076" E	53° 43' 1.527" N
294	1° 18' 9.190" E	53° 43' 0.013" N
295	1° 18' 0.204" E	53° 42' 58.008" N
296	1° 17' 55.274" E	53° 42' 56.914" N
297	1° 17' 48.593" E	53° 42' 55.419" N
298	1° 17' 41.294" E	53° 42' 53.784" N
299	1° 17' 34.711" E	53° 42' 52.312" N
300	1° 17' 26.425" E	53° 42' 50.497" N
301	1° 17' 18.340" E	53° 42' 48.690" N
302	1° 17' 14.103" E	53° 42' 47.719" N
303	1° 17' 6.487" E	53° 42' 46.012" N
304	1° 17' 1.631" E	53° 42' 44.836" N
305	1° 16' 51.812" E	53° 42' 42.514" N
306	1° 16' 44.172" E	53° 42' 40.952" N
307	1° 16' 39.407" E	53° 42' 39.903" N
308	1° 16' 30.510" E	53° 42' 37.989" N
309	1° 16' 21.894" E	53° 42' 36.152" N
310	1° 16' 17.423" E	53° 42' 35.097" N
311	1° 16' 13.755" E	53° 42' 34.255" N
312	1° 16' 9.205" E	53° 42' 33.181" N
313	1° 16' 3.260" E	53° 42' 31.744" N
314	1° 15' 58.678" E	53° 42' 30.647" N
315	1° 15' 54.513" E	53° 42' 29.824" N
316	1° 15' 50.599" E	53° 42' 29.202" N
317	1° 15' 47.274" E	53° 42' 28.820" N
318	1° 15' 41.890" E	53° 42' 28.435" N
319	1° 15' 35.905" E	53° 42' 28.234" N
320	1° 15' 27.463" E	53° 42' 28.226" N
321	1° 15' 18.611" E	53° 42' 28.249" N
322	1° 15' 0.795" E	53° 42' 28.181" N
323	1° 14' 48.755" E	53° 42' 28.222" N
324	1° 14' 45.439" E	53° 42' 28.225" N
325	1° 14' 34.919" E	53° 42' 28.199" N
326	1° 14' 32.166" E	53° 42' 27.191" N
327	1° 14' 27.409" E	53° 42' 25.467" N
328	1° 14' 22.227" E	53° 42' 23.586" N
329	1° 14' 16.650" E	53° 42' 21.517" N
330	1° 14' 12.228" E	53° 42' 19.953" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
331	1° 14' 7.906" E	53° 42' 18.377" N
332	1° 14' 2.022" E	53° 42' 16.262" N
333	1° 13' 57.084" E	53° 42' 14.502" N
334	1° 13' 52.178" E	53° 42' 12.754" N
335	1° 13' 48.791" E	53° 42' 11.572" N
336	1° 13' 43.962" E	53° 42' 9.864" N
337	1° 13' 38.542" E	53° 42' 7.939" N
338	1° 13' 32.625" E	53° 42' 5.872" N
339	1° 13' 28.206" E	53° 42' 4.314" N
340	1° 13' 22.011" E	53° 42' 2.077" N
341	1° 13' 18.337" E	53° 42' 0.737" N
342	1° 13' 12.105" E	53° 41' 58.537" N
343	1° 13' 7.905" E	53° 41' 57.051" N
344	1° 13' 5.914" E	53° 41' 56.346" N
345	1° 12' 57.712" E	53° 41' 53.444" N
346	1° 12' 53.131" E	53° 41' 51.818" N
347	1° 12' 44.074" E	53° 41' 48.641" N
348	1° 12' 42.146" E	53° 41' 47.949" N
349	1° 12' 37.132" E	53° 41' 46.157" N
350	1° 12' 32.340" E	53° 41' 44.438" N
351	1° 12' 27.759" E	53° 41' 42.827" N
352	1° 12' 23.844" E	53° 41' 41.449" N
353	1° 12' 17.851" E	53° 41' 39.292" N
354	1° 12' 13.937" E	53° 41' 37.911" N
355	1° 12' 11.362" E	53° 41' 37.002" N
356	1° 12' 5.934" E	53° 41' 35.086" N
357	1° 12' 2.828" E	53° 41' 33.987" N
358	1° 11' 58.511" E	53° 41' 32.461" N
359	1° 11' 53.143" E	53° 41' 30.518" N
360	1° 11' 48.763" E	53° 41' 28.967" N
361	1° 11' 43.964" E	53° 41' 27.258" N
362	1° 11' 43.176" E	53° 41' 26.979" N
363	1° 11' 38.469" E	53° 41' 25.309" N
364	1° 11' 33.980" E	53° 41' 23.706" N
365	1° 11' 28.994" E	53° 41' 21.904" N
366	1° 11' 21.867" E	53° 41' 19.341" N
367	1° 11' 17.408" E	53° 41' 17.720" N
368	1° 11' 13.800" E	53° 41' 16.419" N
369	1° 11' 10.031" E	53° 41' 15.065" N
370	1° 11' 5.201" E	53° 41' 13.352" N
371	1° 11' 0.827" E	53° 41' 11.836" N
372	1° 10' 56.389" E	53° 41' 10.229" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
373	1° 10' 47.324" E	53° 41' 7.020" N
374	1° 10' 45.486" E	53° 41' 6.400" N
375	1° 10' 41.421" E	53° 41' 4.892" N
376	1° 10' 36.829" E	53° 41' 3.272" N
377	1° 10' 32.348" E	53° 41' 1.634" N
378	1° 10' 28.416" E	53° 41' 0.249" N
379	1° 10' 24.157" E	53° 40' 58.716" N
380	1° 10' 18.970" E	53° 40' 56.875" N
381	1° 10' 14.849" E	53° 40' 55.406" N
382	1° 10' 9.456" E	53° 40' 53.492" N
383	1° 10' 4.587" E	53° 40' 51.770" N
384	1° 9' 59.137" E	53° 40' 49.822" N
385	1° 9' 55.153" E	53° 40' 48.420" N
386	1° 9' 51.048" E	53° 40' 46.952" N
387	1° 9' 47.713" E	53° 40' 45.739" N
388	1° 9' 44.385" E	53° 40' 44.571" N
389	1° 9' 39.989" E	53° 40' 42.992" N
390	1° 9' 35.572" E	53° 40' 41.432" N
391	1° 9' 31.667" E	53° 40' 40.063" N
392	1° 9' 28.532" E	53° 40' 38.944" N
393	1° 9' 24.368" E	53° 40' 37.477" N
394	1° 9' 20.727" E	53° 40' 36.186" N
395	1° 9' 17.366" E	53° 40' 34.988" N
396	1° 9' 13.443" E	53° 40' 33.583" N
397	1° 9' 8.673" E	53° 40' 31.873" N
398	1° 9' 3.537" E	53° 40' 30.013" N
399	1° 8' 59.686" E	53° 40' 28.606" N
400	1° 8' 50.682" E	53° 40' 25.370" N
401	1° 8' 49.132" E	53° 40' 24.793" N
402	1° 8' 45.503" E	53° 40' 23.533" N
403	1° 8' 41.238" E	53° 40' 21.994" N
404	1° 8' 37.249" E	53° 40' 20.573" N
405	1° 8' 32.905" E	53° 40' 19.049" N
406	1° 8' 28.674" E	53° 40' 17.538" N
407	1° 8' 24.783" E	53° 40' 16.153" N
408	1° 8' 22.333" E	53° 40' 15.286" N
409	1° 8' 19.087" E	53° 40' 14.167" N
410	1° 8' 15.475" E	53° 40' 12.861" N
411	1° 8' 11.596" E	53° 40' 11.499" N
412	1° 8' 7.973" E	53° 40' 10.201" N
413	1° 8' 2.273" E	53° 40' 8.164" N
414	1° 7' 57.226" E	53° 40' 6.367" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
415	1° 7' 53.440" E	53° 40' 5.007" N
416	1° 7' 49.259" E	53° 40' 3.504" N
417	1° 7' 45.073" E	53° 40' 2.005" N
418	1° 7' 41.962" E	53° 40' 0.909" N
419	1° 7' 37.169" E	53° 39' 59.174" N
420	1° 7' 30.959" E	53° 39' 56.986" N
421	1° 7' 29.209" E	53° 39' 56.369" N
422	1° 7' 29.173" E	53° 39' 56.388" N
423	1° 7' 29.203" E	53° 39' 56.367" N
424	1° 7' 25.977" E	53° 39' 55.229" N
425	1° 7' 20.809" E	53° 39' 53.387" N
426	1° 7' 16.252" E	53° 39' 51.791" N
427	1° 7' 11.795" E	53° 39' 50.186" N
428	1° 7' 7.315" E	53° 39' 48.629" N
429	1° 7' 2.999" E	53° 39' 47.096" N
430	1° 6' 53.968" E	53° 39' 43.888" N
431	1° 6' 52.107" E	53° 39' 43.243" N
432	1° 6' 48.891" E	53° 39' 42.071" N
433	1° 6' 45.370" E	53° 39' 40.819" N
434	1° 6' 40.229" E	53° 39' 38.968" N
435	1° 6' 35.895" E	53° 39' 37.409" N
436	1° 6' 33.584" E	53° 39' 36.555" N
437	1° 6' 29.809" E	53° 39' 35.151" N
438	1° 6' 25.949" E	53° 39' 33.872" N
439	1° 6' 19.917" E	53° 39' 32.008" N
440	1° 6' 13.941" E	53° 39' 30.181" N
441	1° 6' 10.456" E	53° 39' 29.175" N
442	1° 6' 7.371" E	53° 39' 28.180" N
443	1° 6' 3.214" E	53° 39' 26.953" N
444	1° 5' 59.211" E	53° 39' 25.663" N
445	1° 5' 55.222" E	53° 39' 24.485" N
446	1° 5' 51.045" E	53° 39' 23.216" N
447	1° 5' 46.761" E	53° 39' 21.886" N
448	1° 5' 41.821" E	53° 39' 20.355" N
449	1° 5' 37.679" E	53° 39' 19.073" N
450	1° 5' 34.242" E	53° 39' 18.010" N
451	1° 5' 28.134" E	53° 39' 16.112" N
452	1° 5' 23.585" E	53° 39' 14.711" N
453	1° 5' 19.198" E	53° 39' 13.348" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
454	1° 5' 16.044" E	53° 39' 12.421" N
455	1° 5' 11.979" E	53° 39' 11.180" N
456	1° 5' 6.393" E	53° 39' 9.458" N
457	1° 5' 2.368" E	53° 39' 8.232" N
458	1° 4' 52.999" E	53° 39' 5.414" N
459	1° 4' 51.408" E	53° 39' 4.905" N
460	1° 4' 45.270" E	53° 39' 3.004" N
461	1° 4' 41.043" E	53° 39' 1.718" N
462	1° 4' 36.514" E	53° 39' 0.320" N
463	1° 4' 31.666" E	53° 38' 58.829" N
464	1° 4' 27.318" E	53° 38' 57.497" N
465	1° 4' 21.810" E	53° 38' 55.783" N
466	1° 4' 16.829" E	53° 38' 54.254" N
467	1° 4' 10.958" E	53° 38' 52.456" N
468	1° 4' 5.627" E	53° 38' 50.819" N
469	1° 4' 1.104" E	53° 38' 49.426" N
470	1° 3' 57.066" E	53° 38' 48.192" N
471	1° 3' 52.817" E	53° 38' 46.849" N
472	1° 3' 45.055" E	53° 38' 44.440" N
473	1° 3' 40.685" E	53° 38' 43.096" N
474	1° 3' 36.364" E	53° 38' 41.756" N
475	1° 3' 30.729" E	53° 38' 40.016" N
476	1° 3' 24.894" E	53° 38' 38.214" N
477	1° 3' 19.753" E	53° 38' 36.594" N
478	1° 3' 14.512" E	53° 38' 34.931" N
479	1° 3' 10.476" E	53° 38' 33.680" N
480	1° 3' 6.381" E	53° 38' 32.411" N
481	1° 3' 1.765" E	53° 38' 30.948" N
482	1° 2' 52.402" E	53° 38' 28.063" N
483	1° 2' 48.134" E	53° 38' 26.739" N
484	1° 2' 43.211" E	53° 38' 25.215" N
485	1° 2' 36.971" E	53° 38' 23.271" N
486	1° 2' 30.180" E	53° 38' 21.196" N
487	1° 2' 24.827" E	53° 38' 19.616" N
488	1° 2' 20.240" E	53° 38' 18.380" N
489	1° 2' 16.952" E	53° 38' 17.600" N
490	1° 2' 13.197" E	53° 38' 16.813" N
491	1° 2' 8.625" E	53° 38' 15.934" N
492	1° 2' 3.638" E	53° 38' 15.120" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
493	1° 1' 59.919" E	53° 38' 14.557" N
494	1° 1' 54.443" E	53° 38' 13.828" N
495	1° 1' 50.395" E	53° 38' 13.333" N
496	1° 1' 44.270" E	53° 38' 12.560" N
497	1° 1' 37.816" E	53° 38' 11.729" N
498	1° 1' 32.608" E	53° 38' 11.043" N
499	1° 1' 25.351" E	53° 38' 10.126" N
500	1° 1' 19.293" E	53° 38' 9.362" N
501	1° 1' 13.072" E	53° 38' 8.581" N
502	1° 1' 8.577" E	53° 38' 8.023" N
503	1° 1' 3.257" E	53° 38' 7.343" N
504	1° 0' 59.155" E	53° 38' 6.789" N
505	1° 0' 54.213" E	53° 38' 6.162" N
506	1° 0' 49.751" E	53° 38' 5.563" N
507	1° 0' 39.484" E	53° 38' 4.218" N
508	1° 0' 35.709" E	53° 38' 3.716" N
509	1° 0' 30.974" E	53° 38' 3.147" N
510	1° 0' 25.048" E	53° 38' 2.385" N
511	1° 0' 18.657" E	53° 38' 1.616" N
512	1° 0' 14.538" E	53° 38' 1.101" N
513	1° 0' 10.261" E	53° 38' 0.563" N
514	1° 0' 3.722" E	53° 37' 59.759" N
515	0° 59' 57.496" E	53° 37' 58.976" N
516	0° 59' 53.076" E	53° 37' 58.419" N
517	0° 59' 49.025" E	53° 37' 57.920" N
518	0° 59' 44.006" E	53° 37' 57.259" N
519	0° 59' 39.548" E	53° 37' 56.698" N
520	0° 59' 39.019" E	53° 37' 56.477" N
521	0° 59' 38.483" E	53° 37' 56.234" N
522	0° 59' 37.510" E	53° 37' 55.791" N
523	0° 59' 36.184" E	53° 37' 55.171" N
524	0° 59' 35.319" E	53° 37' 55.611" N
525	0° 59' 34.911" E	53° 37' 55.821" N
526	0° 59' 34.491" E	53° 37' 56.044" N
527	0° 59' 31.271" E	53° 37' 55.619" N
528	0° 59' 25.309" E	53° 37' 54.840" N
529	0° 59' 21.131" E	53° 37' 54.331" N
530	0° 59' 15.836" E	53° 37' 53.613" N
531	0° 59' 10.433" E	53° 37' 52.903" N
532	0° 59' 5.469" E	53° 37' 52.212" N
533	0° 59' 0.392" E	53° 37' 51.581" N
534	0° 58' 55.082" E	53° 37' 50.851" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
535	0° 58' 50.542" E	53° 37' 50.338" N
536	0° 58' 45.776" E	53° 37' 49.741" N
537	0° 58' 41.296" E	53° 37' 49.180" N
538	0° 58' 39.708" E	53° 37' 48.981" N
539	0° 58' 36.801" E	53° 37' 48.620" N
540	0° 58' 26.460" E	53° 37' 47.387" N
541	0° 58' 23.018" E	53° 37' 46.970" N
542	0° 58' 18.028" E	53° 37' 46.378" N
543	0° 58' 11.587" E	53° 37' 45.575" N
544	0° 58' 7.355" E	53° 37' 45.050" N
545	0° 58' 2.909" E	53° 37' 44.507" N
546	0° 57' 59.150" E	53° 37' 44.015" N
547	0° 57' 54.158" E	53° 37' 43.361" N
548	0° 57' 49.133" E	53° 37' 42.696" N
549	0° 57' 44.115" E	53° 37' 42.034" N
550	0° 57' 38.564" E	53° 37' 41.314" N
551	0° 57' 33.366" E	53° 37' 40.601" N
552	0° 57' 27.429" E	53° 37' 39.877" N
553	0° 57' 22.927" E	53° 37' 39.301" N
554	0° 57' 20.867" E	53° 37' 39.040" N
555	0° 57' 17.787" E	53° 37' 38.650" N
556	0° 57' 14.122" E	53° 37' 38.229" N
557	0° 57' 8.676" E	53° 37' 37.559" N
558	0° 57' 4.843" E	53° 37' 37.080" N
559	0° 57' 0.118" E	53° 37' 36.444" N
560	0° 56' 54.266" E	53° 37' 35.704" N
561	0° 56' 47.939" E	53° 37' 34.886" N
562	0° 56' 42.705" E	53° 37' 34.203" N
563	0° 56' 37.921" E	53° 37' 33.606" N
564	0° 56' 34.043" E	53° 37' 33.109" N
565	0° 56' 29.586" E	53° 37' 32.534" N
566	0° 56' 26.882" E	53° 37' 32.196" N
567	0° 56' 23.767" E	53° 37' 31.799" N
568	0° 56' 13.446" E	53° 37' 30.516" N
569	0° 56' 10.539" E	53° 37' 30.154" N
570	0° 56' 5.410" E	53° 37' 29.486" N
571	0° 55' 58.817" E	53° 37' 28.609" N
572	0° 55' 51.952" E	53° 37' 27.702" N
573	0° 55' 46.781" E	53° 37' 26.982" N
574	0° 55' 41.990" E	53° 37' 26.352" N
575	0° 55' 36.894" E	53° 37' 25.702" N
576	0° 55' 31.244" E	53° 37' 24.949" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
577	0° 55' 23.815" E	53° 37' 24.017" N
578	0° 55' 18.436" E	53° 37' 23.353" N
579	0° 55' 13.288" E	53° 37' 22.694" N
580	0° 55' 6.931" E	53° 37' 21.889" N
581	0° 55' 2.788" E	53° 37' 21.349" N
582	0° 54' 57.721" E	53° 37' 20.714" N
583	0° 54' 51.570" E	53° 37' 19.937" N
584	0° 54' 43.977" E	53° 37' 18.977" N
585	0° 54' 38.946" E	53° 37' 18.343" N
586	0° 54' 34.010" E	53° 37' 17.718" N
587	0° 54' 28.419" E	53° 37' 17.028" N
588	0° 54' 22.625" E	53° 37' 16.286" N
589	0° 54' 17.882" E	53° 37' 15.681" N
590	0° 54' 14.121" E	53° 37' 15.201" N
591	0° 54' 10.759" E	53° 37' 14.783" N
592	0° 54' 0.404" E	53° 37' 13.463" N
593	0° 53' 58.475" E	53° 37' 13.226" N
594	0° 53' 54.846" E	53° 37' 12.763" N
595	0° 53' 50.897" E	53° 37' 12.265" N
596	0° 53' 47.532" E	53° 37' 11.809" N
597	0° 53' 42.358" E	53° 37' 11.172" N
598	0° 53' 37.893" E	53° 37' 10.609" N
599	0° 53' 32.148" E	53° 37' 9.853" N
600	0° 53' 29.558" E	53° 37' 9.526" N
601	0° 53' 22.833" E	53° 37' 8.698" N
602	0° 53' 16.635" E	53° 37' 7.917" N
603	0° 53' 8.932" E	53° 37' 6.971" N
604	0° 53' 3.240" E	53° 37' 6.253" N
605	0° 52' 56.777" E	53° 37' 5.437" N
606	0° 52' 50.266" E	53° 37' 4.594" N
607	0° 52' 46.540" E	53° 37' 4.108" N
608	0° 52' 40.292" E	53° 37' 3.310" N
609	0° 52' 30.617" E	53° 37' 2.085" N
610	0° 52' 23.234" E	53° 37' 1.158" N
611	0° 52' 16.485" E	53° 37' 0.305" N
612	0° 52' 10.589" E	53° 36' 59.536" N
613	0° 52' 6.094" E	53° 36' 58.973" N
614	0° 52' 2.188" E	53° 36' 58.503" N
615	0° 51' 57.640" E	53° 36' 57.931" N
616	0° 51' 47.298" E	53° 36' 56.679" N
617	0° 51' 46.035" E	53° 36' 56.516" N
618	0° 51' 41.530" E	53° 36' 55.959" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
619	0° 51' 35.940" E	53° 36' 55.259" N
620	0° 51' 31.086" E	53° 36' 54.641" N
621	0° 50' 23.639" E	53° 36' 35.378" N
622	0° 48' 52.449" E	53° 36' 15.756" N
623	0° 47' 57.977" E	53° 36' 9.184" N
624	0° 47' 57.814" E	53° 36' 9.160" N
625	0° 47' 52.679" E	53° 36' 8.140" N
626	0° 47' 47.350" E	53° 36' 7.099" N
627	0° 47' 43.882" E	53° 36' 6.413" N
628	0° 47' 33.904" E	53° 36' 4.476" N
629	0° 47' 32.596" E	53° 36' 4.226" N
630	0° 47' 27.818" E	53° 36' 3.311" N
631	0° 47' 23.464" E	53° 36' 2.481" N
632	0° 47' 19.767" E	53° 36' 1.783" N
633	0° 47' 16.221" E	53° 36' 1.122" N
634	0° 47' 11.963" E	53° 36' 0.324" N
635	0° 47' 7.072" E	53° 35' 59.420" N
636	0° 47' 2.928" E	53° 35' 58.655" N
637	0° 46' 59.910" E	53° 35' 58.087" N
638	0° 46' 57.360" E	53° 35' 57.609" N
639	0° 46' 53.406" E	53° 35' 56.830" N
640	0° 46' 49.504" E	53° 35' 56.069" N
641	0° 46' 45.851" E	53° 35' 55.390" N
642	0° 46' 42.575" E	53° 35' 54.765" N
643	0° 46' 39.261" E	53° 35' 54.154" N
644	0° 46' 38.114" E	53° 35' 53.942" N
645	0° 46' 33.376" E	53° 35' 53.076" N
646	0° 46' 28.557" E	53° 35' 52.217" N
647	0° 46' 26.952" E	53° 35' 51.947" N
648	0° 46' 24.385" E	53° 35' 51.515" N
649	0° 46' 19.030" E	53° 35' 50.556" N
650	0° 46' 14.050" E	53° 35' 49.696" N
651	0° 46' 9.505" E	53° 35' 48.861" N
652	0° 46' 5.179" E	53° 35' 48.087" N
653	0° 46' 0.683" E	53° 35' 47.273" N
654	0° 45' 56.496" E	53° 35' 46.546" N
655	0° 45' 51.868" E	53° 35' 45.725" N
656	0° 45' 48.366" E	53° 35' 45.119" N
657	0° 45' 42.708" E	53° 35' 44.080" N
658	0° 45' 39.506" E	53° 35' 43.494" N
659	0° 45' 35.790" E	53° 35' 42.798" N
660	0° 45' 33.257" E	53° 35' 42.325" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
661	0° 45' 23.363" E	53° 35' 40.301" N
662	0° 45' 22.110" E	53° 35' 40.041" N
663	0° 45' 17.931" E	53° 35' 39.105" N
664	0° 45' 13.302" E	53° 35' 38.086" N
665	0° 45' 9.108" E	53° 35' 37.178" N
666	0° 45' 4.216" E	53° 35' 36.132" N
667	0° 44' 59.600" E	53° 35' 35.213" N
668	0° 44' 57.759" E	53° 35' 34.847" N
669	0° 44' 51.987" E	53° 35' 33.769" N
670	0° 44' 50.252" E	53° 35' 33.448" N
671	0° 44' 45.597" E	53° 35' 32.585" N
672	0° 44' 40.672" E	53° 35' 31.689" N
673	0° 44' 35.682" E	53° 35' 30.768" N
674	0° 44' 34.712" E	53° 35' 30.588" N
675	0° 44' 30.914" E	53° 35' 29.882" N
676	0° 44' 28.783" E	53° 35' 29.475" N
677	0° 44' 25.759" E	53° 35' 28.899" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
678	0° 44' 20.895" E	53° 35' 27.996" N
679	0° 44' 16.778" E	53° 35' 27.234" N
680	0° 44' 11.461" E	53° 35' 26.243" N
681	0° 44' 4.354" E	53° 35' 24.951" N
682	0° 44' 1.027" E	53° 35' 24.350" N
683	0° 43' 57.649" E	53° 35' 23.740" N
684	0° 43' 52.779" E	53° 35' 22.806" N
685	0° 43' 47.569" E	53° 35' 21.832" N
686	0° 43' 44.265" E	53° 35' 21.183" N
687	0° 43' 43.319" E	53° 35' 20.000" N
688	0° 41' 28.175" E	53° 32' 30.869" N
689	0° 40' 55.922" E	53° 31' 50.443" N
690	0° 40' 8.364" E	53° 31' 38.299" N
691	0° 35' 21.091" E	53° 30' 55.285" N
692	0° 35' 17.891" E	53° 30' 54.804" N
693	0° 35' 6.194" E	53° 31' 22.994" N



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