



# Notice to Mariners – Hornsea Project Two

Geophysical Survey Update – Issued 19<sup>th</sup> June 2018

## 1. INTRODUCTION

Mariners are advised that Hornsea Project Two will be continuing geophysical 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 the figure attached with this notice. The geophysical survey operations may continue until the end of September 2018 (weather dependent).

Note that an additional vessel will be used to complete the works, this Notice to Mariners has therefore been updated to reflect the additional vessel that will be on site for part of the survey period. Four geophysical survey vessels may be on site at any one time and will be towing geophysical survey equipment along the proposed export cable route and within the wind farm array area. A further vessel, the Rix Leopard is expected to arrive on site on 20<sup>th</sup> June 2018 however, this vessel will not be towing any equipment.

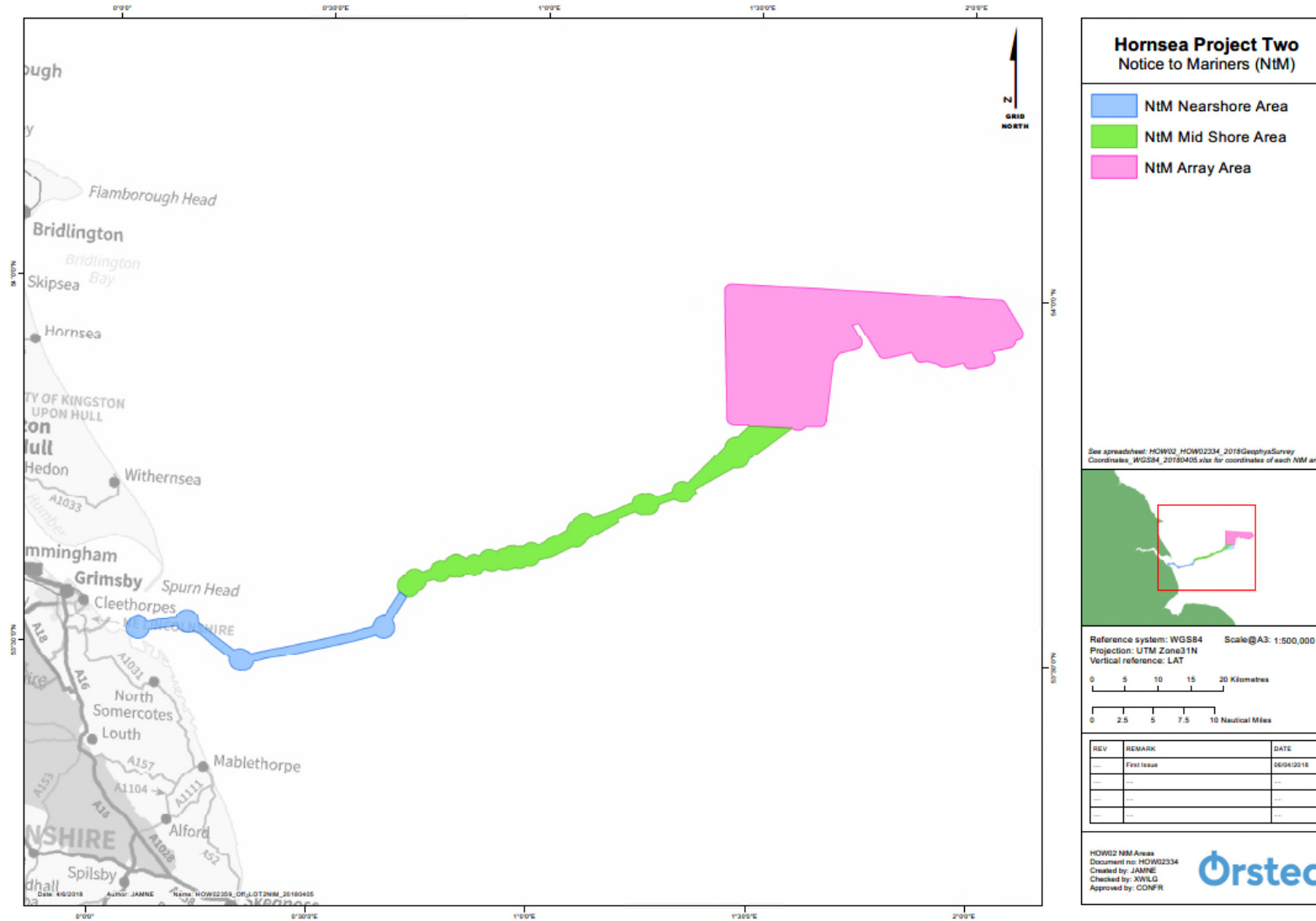
## 2. AREA OF OPERATIONS

Activities will centre on the Hornsea Project Two offshore wind farm proposed export cable route and within the offshore array area as shown in Figure 1. The coordinates of the proposed 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.

Surveying will continue along the export cable corridor including all cable crossings in the area, the proposed substation locations and the proposed turbine and inter-array cable locations within the offshore wind farm array. As the vessels will be towing equipment they will require clear turning circles along the export cable route, these are also shown in Figure 1.

The survey vessels will be deployed to survey locations within the area at times and positions determined by client requirements, weather and sea conditions. All vessels will operate out of Grimsby.

Figure 1. Proposed Survey Area



### 3. SURVEY

#### 3.1 Geophysical Survey

Please be advised that Ørsted will be continuing geophysical surveys using the R/V Mintis, Fugro Pioneer, Fugro Seeker, Fugro Gauss and the Rix Leopard within the Hornsea Project Two Wind Farm boundary. Some of the works will overlap and there may be potential for all vessels to be at various locations within the site at any one time.

Survey operations have commenced and are ongoing in the nearshore area using the Fugro Seeker. Surveying along the export cable route and array area is also ongoing using the Fugro Gauss and RV Mintis and the Rix Leopard is expected to be on site from Hornsea Project One to undertake MBES surveys across the array area using hull mounted equipment. 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 September 2018.

The vessels will be towing geophysical survey equipment (side scan sonar, magnetometer, sub bottom profiler) and will also be using a hull-mounted system (MBES). As such, 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 all vessels at minimum speed.

#### 3.2 Geotechnical Survey

The ongoing geophysical surveys are being undertaken alongside ongoing geotechnical surveys (refer to Notices to Mariners ref. 2001 and 2002). Details of the vessels and contact details involved in the geotechnical surveys will be issued separately via the Notices to Mariners.

#### 3.3 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 to ensure the safety of the vessels and personnel. 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:

Geophysical Investigations (Fugro Seeker, Fugro Pioneer, R/V Mintis and Fugro Gauss)		
Project Manager (Ørsted)	Mira Rosten	
	Mob: +44 (0)7824 545178	E-mail: <a href="mailto:mirro@orsted.co.uk">mirro@orsted.co.uk</a>

<b>Vessel Manager (Fugro Seeker)</b>	Bjorn Melin	
	Mob: +44 (0)7825 278298	E-mail: <a href="mailto:b.melin@fugro.com">b.melin@fugro.com</a>
<b>Vessel Manager (Fugro Pioneer)</b>	Andreas Schönke	
	Mob:+31 621357889	E-mail: <a href="mailto:a.schonke@fugro.com">a.schonke@fugro.com</a>
<b>Vessel Manager (R/V Mintis)</b>	Kate Jackson	
	Mob: +44 (0)7557 128550	E-mail: <a href="mailto:k.jackson@fugro.com">k.jackson@fugro.com</a>
<b>Vessel Manager (Fugro Gauss)</b>	Justin Lavender	
Tel: +1 904 520 4688 (VSAT)	Mob: +49 172 436 8773	E-mail: <a href="mailto:partychief.fugrogauss@fugro.com">partychief.fugrogauss@fugro.com</a>

<b>Geophysical Investigations (Rix Leopard)</b>		
<b>Project Manager (Ørsted)</b>	Mark Pennington	
	Mob: +44 (0)7785 228 332	E-mail: <a href="mailto:xmpen@orsted.co.uk">xmpen@orsted.co.uk</a>
<b>Vessel Manager (Rix Leopard)</b>	Stuart Kane (RIX Marine Superintendent)	
	Mob: +44 (0)7702 657 435	E-mail: <a href="mailto:stuart.kane@rix.co.uk">stuart.kane@rix.co.uk</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>
---	-------------------------	--

## 6. SURVEY VESSELS

Survey operations will be conducted by the Fugro Seeker, Fugro Pioneer, R/V Mintis, Fugro Gauss and Rix Leopard, whose details are provided below. 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.

<b>Vessel Contact Details – Fugro Seeker</b>	
<b>Vessel telephone</b>	+ 44 (0)7759 199186 + 44 (0)7980 971245
<b>Vessel email</b>	<a href="mailto:Master.FugroSeeker@fugro.com">Master.FugroSeeker@fugro.com</a>
<b>Vessel Contact Details – Fugro Pioneer</b>	
<b>Vessel telephone</b>	Mobile: +31650455597 Bridge: +31107130945
<b>Vessel email</b>	<a href="mailto:master@pioneer.fugro.com">master@pioneer.fugro.com</a>
<b>Vessel Contact Details – R/V Mintis</b>	
<b>Vessel telephone</b>	Bridge: +37 06155 8360 SAT: +1 505 318 1259
<b>Vessel email</b>	<a href="mailto:Partychief.mintis@fugro.com">Partychief.mintis@fugro.com</a>
<b>Vessel Contact Details – Fugro Gauss</b>	
<b>Vessel telephone</b>	VSAT: +1 904 520 4688
<b>Vessel email</b>	<a href="mailto:mv-fugro-gauss@jasmund-shipping.de">mv-fugro-gauss@jasmund-shipping.de</a> <a href="mailto:partychief.fugrogauss@fugro.com">partychief.fugrogauss@fugro.com</a>
<b>Vessel Contact Details – Rix Cheetah</b>	
<b>Vessel telephone</b>	Telephone Master: +44 (0)7702 657 435 Telephone Party Chief: +44 (0)7841 902 875

General Information	
<b>Name</b>	<b>Fugro Seeker</b>
<b>Flag</b>	United Kingdom (GB)
<b>Year Built</b>	2013
<b>MMSI Number</b>	235102539
<b>Call Sign</b>	2HCS2
<b>Class</b>	24 (Oceanographic / Research Vessel)
	
Dimensions	
<b>Length</b>	12m
<b>Breadth</b>	5m
<b>Draught</b>	1m

General Information	
<b>Name</b>	<b>Fugro Pioneer</b>
<b>Flag</b>	Bahamas (BS)
<b>Year Built</b>	2014
<b>MMSI Number</b>	311000262
<b>Call Sign</b>	C6BH3
<b>Class</b>	DNVGL (Research / Survey Vessel)
	
Dimensions	
<b>Length</b>	53.63m
<b>Breadth</b>	12.5m
<b>Draught</b>	3.1m
<b>Engine</b>	2 x Azimuth thrusters, 1 x tunner thruster (bow)




General Information	
<b>Name</b>	<b>R/V Mintis</b>
<b>Flag</b>	Lithuania (LT)
<b>Year Built</b>	2014
<b>MMSI Number</b>	277523000
<b>Call Sign</b>	LYAP
<b>Class</b>	Bureau Veritas (Research Vessel)



Dimensions	
<b>Length</b>	39.22m
<b>Breadth</b>	12.00m
<b>Draught</b>	3.00m
<b>Engine</b>	2 x Schottel STP550 700kW 2 x Variable Speed



General Information	
<b>Name</b>	<b>Fugro Gauss</b>
<b>Flag</b>	Gibraltar (GI)
<b>Year Built</b>	1980
<b>MMSI Number</b>	236403000
<b>Call Sign</b>	ZDIA4
<b>Class</b>	Research / Survey Vessel
	
Dimensions	
<b>Length</b>	68.87m
<b>Breadth</b>	13.09m
<b>Draught</b>	5.2m
<b>Engine</b>	3 x diesel-electric MaK (3 x 1300 kW, 1743 HP)

General Information	
<b>Name</b>	<b>Rix Cheetah</b>
<b>Flag</b>	United Kingdom (GB)
<b>Year Built</b>	2016
<b>MMSI Number</b>	235113904
<b>Call Sign</b>	2IYX5
<b>Class</b>	High Speed Craft



Dimensions	
<b>Length</b>	27.4m
<b>Breadth</b>	8m
<b>Draft</b>	1.45m
<b>Engine</b>	MCA HS-OSC Workboat Code Category 1

## 7. COORDINATES

### Nearshore

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1	0° 42' 32.998" E	53° 34' 45.849" N
2	0° 42' 29.498" E	53° 34' 42.271" N
3	0° 42' 3.761" E	53° 34' 15.929" N
4	0° 42' 3.695" E	53° 34' 15.863" N
5	0° 42' 3.514" E	53° 34' 15.682" N
6	0° 41' 38.022" E	53° 33' 50.526" N
7	0° 41' 26.804" E	53° 33' 38.821" N
8	0° 41' 26.613" E	53° 33' 38.626" N
9	0° 41' 5.262" E	53° 33' 17.005" N
10	0° 40' 44.251" E	53° 32' 48.455" N
11	0° 40' 44.210" E	53° 32' 48.399" N
12	0° 40' 44.078" E	53° 32' 48.225" N
13	0° 40' 40.947" E	53° 32' 44.128" N
14	0° 40' 43.423" E	53° 32' 41.973" N
15	0° 40' 46.129" E	53° 32' 39.267" N
16	0° 40' 48.545" E	53° 32' 36.465" N
17	0° 40' 49.595" E	53° 32' 35.033" N
18	0° 40' 51.639" E	53° 32' 32.987" N
19	0° 40' 54.053" E	53° 32' 30.185" N
20	0° 40' 56.167" E	53° 32' 27.297" N
21	0° 40' 57.972" E	53° 32' 24.337" N
22	0° 40' 59.461" E	53° 32' 21.315" N
23	0° 41' 0.629" E	53° 32' 18.243" N
24	0° 41' 1.470" E	53° 32' 15.134" N
25	0° 41' 1.983" E	53° 32' 11.999" N
26	0° 41' 2.163" E	53° 32' 8.851" N
27	0° 41' 2.012" E	53° 32' 5.703" N
28	0° 41' 1.529" E	53° 32' 2.566" N
29	0° 41' 0.717" E	53° 31' 59.454" N
30	0° 40' 59.578" E	53° 31' 56.378" N
31	0° 40' 58.117" E	53° 31' 53.351" N
32	0° 40' 56.340" E	53° 31' 50.385" N
33	0° 40' 54.254" E	53° 31' 47.491" N
34	0° 40' 51.868" E	53° 31' 44.680" N
35	0° 40' 49.190" E	53° 31' 41.965" N
36	0° 40' 46.231" E	53° 31' 39.355" N
37	0° 40' 43.003" E	53° 31' 36.860" N
38	0° 40' 39.519" E	53° 31' 34.492" N
39	0° 40' 35.792" E	53° 31' 32.258" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
40	0° 40' 31.837" E	53° 31' 30.169" N
41	0° 40' 27.670" E	53° 31' 28.231" N
42	0° 40' 23.308" E	53° 31' 26.453" N
43	0° 40' 20.531" E	53° 31' 25.468" N
44	0° 40' 16.944" E	53° 31' 24.006" N
45	0° 40' 12.402" E	53° 31' 22.395" N
46	0° 40' 7.700" E	53° 31' 20.956" N
47	0° 40' 2.856" E	53° 31' 19.697" N
48	0° 39' 57.889" E	53° 31' 18.621" N
49	0° 39' 52.818" E	53° 31' 17.733" N
50	0° 39' 47.663" E	53° 31' 17.036" N
51	0° 39' 42.446" E	53° 31' 16.534" N
52	0° 39' 37.186" E	53° 31' 16.228" N
53	0° 39' 31.904" E	53° 31' 16.119" N
54	0° 39' 26.621" E	53° 31' 16.208" N
55	0° 39' 21.357" E	53° 31' 16.495" N
56	0° 39' 16.135" E	53° 31' 16.978" N
57	0° 39' 10.973" E	53° 31' 17.655" N
58	0° 39' 5.893" E	53° 31' 18.524" N
59	0° 39' 0.914" E	53° 31' 19.581" N
60	0° 38' 56.057" E	53° 31' 20.822" N
61	0° 38' 51.340" E	53° 31' 22.243" N
62	0° 38' 46.781" E	53° 31' 23.838" N
63	0° 38' 42.400" E	53° 31' 25.599" N
64	0° 38' 38.213" E	53° 31' 27.521" N
65	0° 38' 34.237" E	53° 31' 29.596" N
66	0° 38' 30.681" E	53° 31' 31.701" N
67	0° 38' 29.833" E	53° 31' 31.517" N
68	0° 38' 28.892" E	53° 31' 31.335" N
69	0° 38' 10.315" E	53° 31' 27.927" N
70	0° 37' 14.179" E	53° 31' 16.269" N
71	0° 37' 13.214" E	53° 31' 16.080" N
72	0° 37' 12.239" E	53° 31' 15.910" N
73	0° 36' 15.064" E	53° 31' 6.572" N
74	0° 35' 29.211" E	53° 30' 57.980" N
75	0° 35' 28.497" E	53° 30' 57.852" N
76	0° 35' 28.012" E	53° 30' 57.771" N
77	0° 34' 55.531" E	53° 30' 52.560" N
78	0° 34' 55.098" E	53° 30' 52.493" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
79	0° 27' 52.244" E	53° 29' 48.439" N
80	0° 27' 52.064" E	53° 29' 48.412" N
81	0° 26' 13.412" E	53° 29' 33.789" N
82	0° 26' 12.550" E	53° 29' 33.669" N
83	0° 26' 11.683" E	53° 29' 33.565" N
84	0° 26' 10.811" E	53° 29' 33.476" N
85	0° 25' 41.238" E	53° 29' 30.721" N
86	0° 25' 0.231" E	53° 29' 26.462" N
87	0° 24' 1.647" E	53° 29' 19.112" N
88	0° 23' 22.655" E	53° 29' 13.653" N
89	0° 23' 3.160" E	53° 29' 9.842" N
90	0° 23' 2.187" E	53° 29' 9.662" N
91	0° 23' 1.821" E	53° 29' 9.600" N
92	0° 21' 48.349" E	53° 28' 57.469" N
93	0° 21' 48.162" E	53° 28' 56.187" N
94	0° 21' 47.374" E	53° 28' 53.072" N
95	0° 21' 46.259" E	53° 28' 49.994" N
96	0° 21' 44.823" E	53° 28' 46.963" N
97	0° 21' 43.071" E	53° 28' 43.991" N
98	0° 21' 41.010" E	53° 28' 41.092" N
99	0° 21' 38.647" E	53° 28' 38.275" N
100	0° 21' 35.993" E	53° 28' 35.552" N
101	0° 21' 33.057" E	53° 28' 32.934" N
102	0° 21' 29.852" E	53° 28' 30.431" N
103	0° 21' 26.390" E	53° 28' 28.054" N
104	0° 21' 22.685" E	53° 28' 25.810" N
105	0° 21' 18.751" E	53° 28' 23.710" N
106	0° 21' 14.603" E	53° 28' 21.761" N
107	0° 21' 10.259" E	53° 28' 19.971" N
108	0° 21' 5.735" E	53° 28' 18.348" N
109	0° 21' 1.050" E	53° 28' 16.897" N
110	0° 20' 56.221" E	53° 28' 15.624" N
111	0° 20' 51.268" E	53° 28' 14.535" N
112	0° 20' 46.210" E	53° 28' 13.634" N
113	0° 20' 41.067" E	53° 28' 12.924" N
114	0° 20' 35.859" E	53° 28' 12.408" N
115	0° 20' 30.608" E	53° 28' 12.087" N
116	0° 20' 25.333" E	53° 28' 11.965" N
117	0° 20' 20.056" E	53° 28' 12.039" N
118	0° 20' 18.639" E	53° 28' 12.113" N
119	0° 20' 14.791" E	53° 28' 11.731" N
120	0° 20' 9.540" E	53° 28' 11.411" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
121	0° 20' 4.265" E	53° 28' 11.288" N
122	0° 19' 58.988" E	53° 28' 11.363" N
123	0° 19' 53.729" E	53° 28' 11.635" N
124	0° 19' 48.509" E	53° 28' 12.103" N
125	0° 19' 43.348" E	53° 28' 12.767" N
126	0° 19' 38.268" E	53° 28' 13.622" N
127	0° 19' 33.287" E	53° 28' 14.666" N
128	0° 19' 32.215" E	53° 28' 14.936" N
129	0° 19' 30.893" E	53° 28' 15.106" N
130	0° 19' 25.813" E	53° 28' 15.961" N
131	0° 19' 20.832" E	53° 28' 17.005" N
132	0° 19' 15.971" E	53° 28' 18.233" N
133	0° 19' 11.248" E	53° 28' 19.641" N
134	0° 19' 6.683" E	53° 28' 21.223" N
135	0° 19' 2.294" E	53° 28' 22.972" N
136	0° 18' 58.097" E	53° 28' 24.883" N
137	0° 18' 54.109" E	53° 28' 26.947" N
138	0° 18' 50.346" E	53° 28' 29.156" N
139	0° 18' 46.823" E	53° 28' 31.502" N
140	0° 18' 43.554" E	53° 28' 33.975" N
141	0° 18' 40.552" E	53° 28' 36.566" N
142	0° 18' 37.828" E	53° 28' 39.264" N
143	0° 18' 35.393" E	53° 28' 42.059" N
144	0° 18' 33.257" E	53° 28' 44.940" N
145	0° 18' 31.429" E	53° 28' 47.894" N
146	0° 18' 29.915" E	53° 28' 50.912" N
147	0° 18' 28.722" E	53° 28' 53.980" N
148	0° 18' 27.854" E	53° 28' 57.087" N
149	0° 18' 27.314" E	53° 29' 0.220" N
150	0° 18' 27.106" E	53° 29' 3.367" N
151	0° 18' 27.229" E	53° 29' 6.516" N
152	0° 18' 27.684" E	53° 29' 9.654" N
153	0° 18' 28.468" E	53° 29' 12.769" N
154	0° 18' 29.164" E	53° 29' 14.699" N
155	0° 18' 1.852" E	53° 29' 25.594" N
156	0° 18' 1.790" E	53° 29' 25.619" N
157	0° 18' 1.281" E	53° 29' 25.828" N
158	0° 16' 0.485" E	53° 30' 16.435" N
159	0° 15' 59.682" E	53° 30' 16.783" N
160	0° 15' 58.899" E	53° 30' 17.147" N
161	0° 15' 58.137" E	53° 30' 17.526" N
162	0° 15' 21.820" E	53° 30' 36.209" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
163	0° 14' 56.104" E	53° 30' 48.827" N
164	0° 14' 19.807" E	53° 31' 3.581" N
165	0° 13' 36.975" E	53° 31' 16.372" N
166	0° 13' 36.107" E	53° 31' 16.642" N
167	0° 13' 35.254" E	53° 31' 16.928" N
168	0° 13' 34.417" E	53° 31' 17.232" N
169	0° 13' 26.882" E	53° 31' 20.064" N
170	0° 13' 24.828" E	53° 31' 19.216" N
171	0° 13' 20.304" E	53° 31' 17.587" N
172	0° 13' 15.617" E	53° 31' 16.131" N
173	0° 13' 10.786" E	53° 31' 14.854" N
174	0° 13' 5.830" E	53° 31' 13.759" N
175	0° 13' 0.769" E	53° 31' 12.852" N
176	0° 12' 55.622" E	53° 31' 12.137" N
177	0° 12' 50.410" E	53° 31' 11.615" N
178	0° 12' 45.154" E	53° 31' 11.289" N
179	0° 12' 39.873" E	53° 31' 11.160" N
180	0° 12' 34.590" E	53° 31' 11.230" N
181	0° 12' 29.324" E	53° 31' 11.496" N
182	0° 12' 24.096" E	53° 31' 11.960" N
183	0° 12' 18.927" E	53° 31' 12.617" N
184	0° 12' 13.838" E	53° 31' 13.467" N
185	0° 12' 8.849" E	53° 31' 14.506" N
186	0° 12' 7.556" E	53° 31' 14.831" N
187	0° 12' 4.500" E	53° 31' 15.102" N
188	0° 11' 59.331" E	53° 31' 15.759" N
189	0° 11' 54.242" E	53° 31' 16.609" N
190	0° 11' 49.252" E	53° 31' 17.647" N
191	0° 11' 44.382" E	53° 31' 18.870" N
192	0° 11' 39.649" E	53° 31' 20.273" N
193	0° 11' 35.074" E	53° 31' 21.850" N
194	0° 11' 30.674" E	53° 31' 23.595" N
195	0° 11' 26.467" E	53° 31' 25.501" N
196	0° 11' 22.468" E	53° 31' 27.561" N
197	0° 11' 18.695" E	53° 31' 29.767" N
198	0° 11' 15.161" E	53° 31' 32.109" N
199	0° 11' 11.880" E	53° 31' 34.579" N
200	0° 11' 8.867" E	53° 31' 37.166" N
201	0° 11' 6.132" E	53° 31' 39.861" N
202	0° 11' 4.895" E	53° 31' 41.274" N
203	0° 11' 0.300" E	53° 31' 40.785" N
204	0° 9' 54.954" E	53° 31' 33.517" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
205	0° 9' 54.567" E	53° 31' 33.475" N
206	0° 9' 53.994" E	53° 31' 33.420" N
207	0° 9' 29.216" E	53° 31' 31.156" N
208	0° 9' 29.154" E	53° 31' 31.151" N
209	0° 8' 35.390" E	53° 31' 26.303" N
210	0° 8' 7.983" E	53° 31' 23.161" N
211	0° 7' 33.559" E	53° 31' 18.540" N
212	0° 7' 33.359" E	53° 31' 18.513" N
213	0° 7' 14.576" E	53° 31' 16.071" N
214	0° 7' 14.112" E	53° 31' 14.197" N
215	0° 7' 13.015" E	53° 31' 11.116" N
216	0° 7' 11.595" E	53° 31' 8.082" N
217	0° 7' 9.858" E	53° 31' 5.108" N
218	0° 7' 7.811" E	53° 31' 2.204" N
219	0° 7' 5.463" E	53° 30' 59.382" N
220	0° 7' 2.821" E	53° 30' 56.654" N
221	0° 6' 59.898" E	53° 30' 54.030" N
222	0° 6' 56.704" E	53° 30' 51.521" N
223	0° 6' 53.253" E	53° 30' 49.136" N
224	0° 6' 49.557" E	53° 30' 46.885" N
225	0° 6' 45.631" E	53° 30' 44.777" N
226	0° 6' 41.491" E	53° 30' 42.820" N
227	0° 6' 37.153" E	53° 30' 41.021" N
228	0° 6' 32.634" E	53° 30' 39.389" N
229	0° 6' 27.953" E	53° 30' 37.928" N
230	0° 6' 23.127" E	53° 30' 36.646" N
231	0° 6' 22.551" E	53° 30' 36.518" N
232	0° 6' 22.429" E	53° 30' 36.480" N
233	0° 6' 17.603" E	53° 30' 35.198" N
234	0° 6' 12.651" E	53° 30' 34.099" N
235	0° 6' 7.594" E	53° 30' 33.187" N
236	0° 6' 2.451" E	53° 30' 32.466" N
237	0° 5' 57.241" E	53° 30' 31.939" N
238	0° 5' 51.987" E	53° 30' 31.609" N
239	0° 5' 46.708" E	53° 30' 31.475" N
240	0° 5' 41.426" E	53° 30' 31.539" N
241	0° 5' 36.160" E	53° 30' 31.801" N
242	0° 5' 34.244" E	53° 30' 31.969" N
243	0° 5' 33.340" E	53° 30' 31.946" N
244	0° 5' 29.201" E	53° 30' 31.995" N
245	0° 4' 29.651" E	53° 30' 48.710" N
246	0° 4' 28.185" E	53° 30' 49.678" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
247	0° 4' 24.898" E	53° 30' 52.144" N
248	0° 4' 21.877" E	53° 30' 54.728" N
249	0° 4' 19.134" E	53° 30' 57.420" N
250	0° 4' 16.680" E	53° 31' 0.210" N
251	0° 4' 14.524" E	53° 31' 3.085" N
252	0° 4' 12.676" E	53° 31' 6.036" N
253	0° 4' 11.142" E	53° 31' 9.050" N
254	0° 4' 9.929" E	53° 31' 12.116" N
255	0° 4' 9.041" E	53° 31' 15.221" N
256	0° 4' 8.482" E	53° 31' 18.353" N
257	0° 4' 8.254" E	53° 31' 21.499" N
258	0° 4' 8.358" E	53° 31' 24.648" N
259	0° 4' 8.794" E	53° 31' 27.787" N
260	0° 4' 9.560" E	53° 31' 30.904" N
261	0° 4' 10.652" E	53° 31' 33.985" N
262	0° 4' 12.067" E	53° 31' 37.020" N
263	0° 4' 13.799" E	53° 31' 39.996" N
264	0° 4' 15.842" E	53° 31' 42.901" N
265	0° 4' 18.186" E	53° 31' 45.724" N
266	0° 4' 20.824" E	53° 31' 48.453" N
267	0° 4' 23.744" E	53° 31' 51.079" N
268	0° 4' 26.935" E	53° 31' 53.590" N
269	0° 4' 30.300" E	53° 31' 55.918" N
270	0° 4' 33.365" E	53° 31' 58.330" N
271	0° 4' 36.815" E	53° 32' 0.716" N
272	0° 4' 40.510" E	53° 32' 2.969" N
273	0° 4' 44.434" E	53° 32' 5.079" N
274	0° 4' 48.574" E	53° 32' 7.038" N
275	0° 4' 52.912" E	53° 32' 8.839" N
276	0° 4' 57.432" E	53° 32' 10.473" N
277	0° 5' 2.114" E	53° 32' 11.935" N
278	0° 5' 6.942" E	53° 32' 13.219" N
279	0° 5' 9.075" E	53° 32' 13.693" N
280	0° 5' 11.770" E	53° 32' 14.535" N
281	0° 5' 16.598" E	53° 32' 15.819" N
282	0° 5' 21.552" E	53° 32' 16.920" N
283	0° 5' 26.612" E	53° 32' 17.833" N
284	0° 5' 31.758" E	53° 32' 18.555" N
285	0° 5' 36.971" E	53° 32' 19.083" N
286	0° 5' 42.229" E	53° 32' 19.415" N
287	0° 5' 47.511" E	53° 32' 19.550" N
288	0° 5' 52.798" E	53° 32' 19.486" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
289	0° 5' 58.067" E	53° 32' 19.225" N
290	0° 6' 3.298" E	53° 32' 18.768" N
291	0° 6' 8.471" E	53° 32' 18.116" N
292	0° 6' 13.564" E	53° 32' 17.271" N
293	0° 6' 18.559" E	53° 32' 16.237" N
294	0° 6' 23.434" E	53° 32' 15.019" N
295	0° 6' 28.172" E	53° 32' 13.621" N
296	0° 6' 32.752" E	53° 32' 12.048" N
297	0° 6' 37.158" E	53° 32' 10.306" N
298	0° 6' 41.372" E	53° 32' 8.404" N
299	0° 6' 45.376" E	53° 32' 6.347" N
300	0° 6' 49.156" E	53° 32' 4.145" N
301	0° 6' 52.696" E	53° 32' 1.806" N
302	0° 6' 55.982" E	53° 31' 59.339" N
303	0° 6' 58.578" E	53° 31' 57.116" N
304	0° 8' 24.251" E	53° 32' 7.650" N
305	0° 8' 25.043" E	53° 32' 7.741" N
306	0° 8' 25.838" E	53° 32' 7.819" N
307	0° 8' 26.637" E	53° 32' 7.884" N
308	0° 8' 57.196" E	53° 32' 10.121" N
309	0° 8' 57.423" E	53° 32' 10.138" N
310	0° 8' 58.434" E	53° 32' 10.196" N
311	0° 9' 29.963" E	53° 32' 11.711" N
312	0° 9' 31.968" E	53° 32' 11.944" N
313	0° 9' 39.794" E	53° 32' 13.185" N
314	0° 9' 40.487" E	53° 32' 13.290" N
315	0° 10' 8.591" E	53° 32' 17.320" N
316	0° 10' 9.701" E	53° 32' 17.465" N
317	0° 10' 10.819" E	53° 32' 17.586" N
318	0° 10' 38.101" E	53° 32' 20.208" N
319	0° 10' 38.327" E	53° 32' 20.229" N
320	0° 10' 38.559" E	53° 32' 20.250" N
321	0° 10' 57.355" E	53° 32' 21.877" N
322	0° 10' 57.961" E	53° 32' 23.571" N
323	0° 10' 59.385" E	53° 32' 26.604" N
324	0° 11' 1.125" E	53° 32' 29.579" N
325	0° 11' 3.176" E	53° 32' 32.482" N
326	0° 11' 5.529" E	53° 32' 35.302" N
327	0° 11' 8.175" E	53° 32' 38.029" N
328	0° 11' 11.103" E	53° 32' 40.652" N
329	0° 11' 14.302" E	53° 32' 43.160" N
330	0° 11' 17.759" E	53° 32' 45.544" N



Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
331	0° 11' 21.460" E	53° 32' 47.793" N
332	0° 11' 25.392" E	53° 32' 49.899" N
333	0° 11' 29.538" E	53° 32' 51.855" N
334	0° 11' 33.882" E	53° 32' 53.651" N
335	0° 11' 38.407" E	53° 32' 55.281" N
336	0° 11' 43.095" E	53° 32' 56.739" N
337	0° 11' 47.928" E	53° 32' 58.019" N
338	0° 11' 52.886" E	53° 32' 59.115" N
339	0° 11' 57.949" E	53° 33' 0.024" N
340	0° 12' 3.099" E	53° 33' 0.741" N
341	0° 12' 8.314" E	53° 33' 1.264" N
342	0° 12' 13.575" E	53° 33' 1.592" N
343	0° 12' 18.859" E	53° 33' 1.721" N
344	0° 12' 19.774" E	53° 33' 1.710" N
345	0° 12' 23.224" E	53° 33' 1.924" N
346	0° 12' 28.509" E	53° 33' 2.054" N
347	0° 12' 33.796" E	53° 33' 1.986" N
348	0° 12' 39.066" E	53° 33' 1.720" N
349	0° 12' 44.298" E	53° 33' 1.258" N
350	0° 12' 47.594" E	53° 33' 0.839" N
351	0° 12' 50.976" E	53° 33' 0.540" N
352	0° 12' 56.148" E	53° 32' 59.883" N
353	0° 13' 1.241" E	53° 32' 59.033" N
354	0° 13' 6.234" E	53° 32' 57.995" N
355	0° 13' 11.108" E	53° 32' 56.772" N
356	0° 13' 15.843" E	53° 32' 55.369" N
357	0° 13' 20.420" E	53° 32' 53.792" N
358	0° 13' 24.823" E	53° 32' 52.046" N
359	0° 13' 29.032" E	53° 32' 50.140" N
360	0° 13' 33.032" E	53° 32' 48.079" N
361	0° 13' 36.807" E	53° 32' 45.874" N
362	0° 13' 40.342" E	53° 32' 43.531" N
363	0° 13' 43.622" E	53° 32' 41.061" N
364	0° 13' 46.636" E	53° 32' 38.473" N
365	0° 13' 49.371" E	53° 32' 35.777" N
366	0° 13' 51.816" E	53° 32' 32.984" N
367	0° 13' 53.962" E	53° 32' 30.105" N
368	0° 13' 55.800" E	53° 32' 27.152" N
369	0° 13' 57.323" E	53° 32' 24.136" N
370	0° 13' 58.525" E	53° 32' 21.069" N
371	0° 13' 59.401" E	53° 32' 17.963" N
372	0° 13' 59.875" E	53° 32' 15.248" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
373	0° 14' 0.398" E	53° 32' 14.212" N
374	0° 14' 1.598" E	53° 32' 11.145" N
375	0° 14' 2.472" E	53° 32' 8.039" N
376	0° 14' 3.018" E	53° 32' 4.906" N
377	0° 14' 3.232" E	53° 32' 1.759" N
378	0° 14' 3.114" E	53° 31' 58.610" N
379	0° 14' 3.048" E	53° 31' 58.148" N
380	0° 14' 46.824" E	53° 31' 40.342" N
381	0° 15' 11.635" E	53° 31' 30.244" N
382	0° 15' 11.844" E	53° 31' 30.158" N
383	0° 15' 35.364" E	53° 31' 20.407" N
384	0° 15' 56.541" E	53° 31' 11.865" N
385	0° 15' 57.341" E	53° 31' 11.531" N
386	0° 15' 58.121" E	53° 31' 11.181" N
387	0° 16' 38.734" E	53° 30' 52.373" N
388	0° 17' 24.593" E	53° 30' 33.669" N
389	0° 17' 24.629" E	53° 30' 33.654" N
390	0° 19' 8.351" E	53° 29' 51.180" N
391	0° 19' 10.081" E	53° 29' 51.894" N
392	0° 19' 14.605" E	53° 29' 53.519" N
393	0° 19' 19.292" E	53° 29' 54.972" N
394	0° 19' 24.123" E	53° 29' 56.246" N
395	0° 19' 29.078" E	53° 29' 57.337" N
396	0° 19' 34.139" E	53° 29' 58.241" N
397	0° 19' 39.284" E	53° 29' 58.953" N
398	0° 19' 44.495" E	53° 29' 59.470" N
399	0° 19' 49.750" E	53° 29' 59.792" N
400	0° 19' 55.028" E	53° 29' 59.916" N
401	0° 20' 0.309" E	53° 29' 59.843" N
402	0° 20' 5.572" E	53° 29' 59.571" N
403	0° 20' 10.796" E	53° 29' 59.104" N
404	0° 20' 15.960" E	53° 29' 58.441" N
405	0° 20' 21.045" E	53° 29' 57.586" N
406	0° 20' 26.029" E	53° 29' 56.543" N
407	0° 20' 26.758" E	53° 29' 56.359" N
408	0° 20' 30.083" E	53° 29' 55.800" N
409	0° 20' 35.067" E	53° 29' 54.756" N
410	0° 20' 39.932" E	53° 29' 53.528" N
411	0° 20' 44.657" E	53° 29' 52.120" N
412	0° 20' 49.224" E	53° 29' 50.538" N
413	0° 20' 51.677" E	53° 29' 49.561" N
414	0° 20' 55.051" E	53° 29' 48.854" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
415	0° 20' 59.914" E	53° 29' 47.625" N
416	0° 21' 4.638" E	53° 29' 46.216" N
417	0° 21' 9.204" E	53° 29' 44.633" N
418	0° 21' 13.595" E	53° 29' 42.882" N
419	0° 21' 17.792" E	53° 29' 40.970" N
420	0° 21' 21.780" E	53° 29' 38.904" N
421	0° 21' 24.590" E	53° 29' 37.254" N
422	0° 22' 35.950" E	53° 29' 48.042" N
423	0° 22' 36.114" E	53° 29' 48.067" N
424	0° 23' 27.442" E	53° 29' 55.633" N
425	0° 24' 6.754" E	53° 30' 1.400" N
426	0° 24' 47.338" E	53° 30' 7.334" N
427	0° 24' 47.784" E	53° 30' 7.397" N
428	0° 24' 48.565" E	53° 30' 7.497" N
429	0° 25' 40.258" E	53° 30' 13.687" N
430	0° 28' 5.916" E	53° 30' 34.888" N
431	0° 30' 56.104" E	53° 30' 59.845" N
432	0° 30' 56.310" E	53° 30' 59.874" N
433	0° 31' 26.839" E	53° 31' 4.207" N
434	0° 32' 21.572" E	53° 31' 12.946" N
435	0° 32' 21.786" E	53° 31' 12.980" N
436	0° 33' 24.401" E	53° 31' 22.667" N
437	0° 33' 24.621" E	53° 31' 22.701" N
438	0° 34' 58.397" E	53° 31' 36.737" N
439	0° 35' 36.673" E	53° 31' 43.452" N
440	0° 36' 7.938" E	53° 31' 51.294" N
441	0° 36' 8.592" E	53° 31' 51.453" N
442	0° 36' 9.547" E	53° 31' 51.665" N
443	0° 36' 37.435" E	53° 31' 57.553" N
444	0° 36' 38.443" E	53° 31' 57.753" N
445	0° 36' 39.462" E	53° 31' 57.933" N
446	0° 36' 40.492" E	53° 31' 58.090" N
447	0° 36' 41.530" E	53° 31' 58.226" N
448	0° 37' 8.808" E	53° 32' 1.487" N
449	0° 37' 38.013" E	53° 32' 7.371" N
450	0° 38' 3.934" E	53° 32' 13.399" N
451	0° 38' 4.040" E	53° 32' 15.695" N
452	0° 38' 4.518" E	53° 32' 18.832" N
453	0° 38' 5.325" E	53° 32' 21.944" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
454	0° 38' 6.459" E	53° 32' 25.021" N
455	0° 38' 7.915" E	53° 32' 28.049" N
456	0° 38' 9.688" E	53° 32' 31.016" N
457	0° 38' 11.769" E	53° 32' 33.911" N
458	0° 38' 14.152" E	53° 32' 36.723" N
459	0° 38' 16.827" E	53° 32' 39.440" N
460	0° 38' 19.783" E	53° 32' 42.052" N
461	0° 38' 23.009" E	53° 32' 44.548" N
462	0° 38' 26.491" E	53° 32' 46.918" N
463	0° 38' 30.217" E	53° 32' 49.153" N
464	0° 38' 34.171" E	53° 32' 51.245" N
465	0° 38' 35.962" E	53° 32' 52.079" N
466	0° 38' 38.622" E	53° 32' 53.486" N
467	0° 38' 42.789" E	53° 32' 55.425" N
468	0° 38' 47.152" E	53° 32' 57.205" N
469	0° 38' 51.695" E	53° 32' 58.818" N
470	0° 38' 56.398" E	53° 33' 0.258" N
471	0° 39' 1.245" E	53° 33' 1.519" N
472	0° 39' 6.214" E	53° 33' 2.597" N
473	0° 39' 11.288" E	53° 33' 3.486" N
474	0° 39' 16.446" E	53° 33' 4.184" N
475	0° 39' 21.666" E	53° 33' 4.688" N
476	0° 39' 26.930" E	53° 33' 4.995" N
477	0° 39' 32.216" E	53° 33' 5.105" N
478	0° 39' 37.481" E	53° 33' 5.017" N
479	0° 40' 1.163" E	53° 33' 38.051" N
480	0° 40' 1.582" E	53° 33' 38.609" N
481	0° 40' 2.033" E	53° 33' 39.158" N
482	0° 40' 2.516" E	53° 33' 39.698" N
483	0° 40' 3.030" E	53° 33' 40.227" N
484	0° 40' 3.574" E	53° 33' 40.746" N
485	0° 40' 29.903" E	53° 34' 4.911" N
486	0° 40' 50.458" E	53° 34' 24.529" N
487	0° 40' 50.654" E	53° 34' 24.713" N
488	0° 41' 4.150" E	53° 34' 37.245" N
489	0° 41' 10.154" E	53° 34' 43.529" N
490	0° 41' 10.203" E	53° 34' 43.580" N
491	0° 41' 33.480" E	53° 35' 7.750" N
492	0° 42' 32.998" E	53° 34' 45.849" N

Midshore

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1	1° 35' 8.983" E	53° 49' 23.992" N
2	1° 29' 15.758" E	53° 46' 46.015" N
3	1° 29' 14.882" E	53° 46' 42.909" N
4	1° 29' 13.678" E	53° 46' 39.841" N
5	1° 29' 12.151" E	53° 46' 36.824" N
6	1° 29' 10.307" E	53° 46' 33.870" N
7	1° 29' 8.154" E	53° 46' 30.990" N
8	1° 29' 5.700" E	53° 46' 28.196" N
9	1° 29' 2.955" E	53° 46' 25.499" N
10	1° 28' 59.929" E	53° 46' 22.909" N
11	1° 28' 56.635" E	53° 46' 20.437" N
12	1° 28' 53.086" E	53° 46' 18.092" N
13	1° 28' 49.295" E	53° 46' 15.884" N
14	1° 28' 45.277" E	53° 46' 13.821" N
15	1° 28' 41.049" E	53° 46' 11.912" N
16	1° 28' 36.628" E	53° 46' 10.163" N
17	1° 28' 32.029" E	53° 46' 8.583" N
18	1° 28' 27.272" E	53° 46' 7.176" N
19	1° 28' 22.376" E	53° 46' 5.950" N
20	1° 28' 17.359" E	53° 46' 4.907" N
21	1° 28' 12.242" E	53° 46' 4.054" N
22	1° 28' 7.045" E	53° 46' 3.392" N
23	1° 28' 1.787" E	53° 46' 2.925" N
24	1° 27' 56.969" E	53° 46' 2.679" N
25	1° 27' 55.177" E	53° 46' 2.380" N
26	1° 27' 49.980" E	53° 46' 1.718" N
27	1° 27' 44.723" E	53° 46' 1.251" N
28	1° 27' 39.427" E	53° 46' 0.980" N
29	1° 27' 34.112" E	53° 46' 0.907" N
30	1° 27' 28.800" E	53° 46' 1.031" N
31	1° 27' 23.512" E	53° 46' 1.353" N
32	1° 27' 18.268" E	53° 46' 1.871" N
33	1° 27' 13.090" E	53° 46' 2.583" N
34	1° 21' 54.220" E	53° 44' 12.798" N
35	1° 21' 59.530" E	53° 44' 4.747" N
36	1° 22' 3.693" E	53° 43' 58.433" N
37	1° 22' 7.272" E	53° 43' 53.006" N
38	1° 22' 0.163" E	53° 43' 51.425" N
39	1° 21' 53.610" E	53° 43' 50.008" N
40	1° 21' 48.294" E	53° 43' 48.881" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
41	1° 21' 43.718" E	53° 43' 47.905" N
42	1° 21' 41.008" E	53° 43' 47.335" N
43	1° 21' 40.353" E	53° 43' 44.985" N
44	1° 21' 39.159" E	53° 43' 41.916" N
45	1° 21' 37.643" E	53° 43' 38.898" N
46	1° 21' 35.810" E	53° 43' 35.942" N
47	1° 21' 33.668" E	53° 43' 33.059" N
48	1° 21' 31.226" E	53° 43' 30.263" N
49	1° 21' 28.492" E	53° 43' 27.563" N
50	1° 21' 25.478" E	53° 43' 24.970" N
51	1° 21' 22.195" E	53° 43' 22.494" N
52	1° 21' 18.656" E	53° 43' 20.145" N
53	1° 21' 14.877" E	53° 43' 17.933" N
54	1° 21' 10.870" E	53° 43' 15.866" N
55	1° 21' 6.653" E	53° 43' 13.952" N
56	1° 21' 2.241" E	53° 43' 12.199" N
57	1° 20' 57.653" E	53° 43' 10.614" N
58	1° 20' 52.906" E	53° 43' 9.202" N
59	1° 20' 48.019" E	53° 43' 7.971" N
60	1° 20' 43.012" E	53° 43' 6.923" N
61	1° 20' 37.903" E	53° 43' 6.064" N
62	1° 20' 32.714" E	53° 43' 5.397" N
63	1° 20' 27.464" E	53° 43' 4.924" N
64	1° 20' 22.175" E	53° 43' 4.648" N
65	1° 20' 16.866" E	53° 43' 4.569" N
66	1° 20' 11.560" E	53° 43' 4.689" N
67	1° 20' 6.277" E	53° 43' 5.005" N
68	1° 20' 1.038" E	53° 43' 5.517" N
69	1° 19' 55.864" E	53° 43' 6.224" N
70	1° 19' 50.774" E	53° 43' 7.122" N
71	1° 19' 45.790" E	53° 43' 8.207" N
72	1° 19' 40.930" E	53° 43' 9.476" N
73	1° 19' 36.214" E	53° 43' 10.924" N
74	1° 19' 31.660" E	53° 43' 12.544" N
75	1° 19' 27.287" E	53° 43' 14.330" N
76	1° 19' 23.111" E	53° 43' 16.276" N
77	1° 19' 22.810" E	53° 43' 16.436" N
78	1° 19' 20.192" E	53° 43' 15.865" N
79	1° 19' 13.774" E	53° 43' 14.409" N
80	1° 19' 13.587" E	53° 43' 14.366" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
81	1° 19' 10.627" E	53° 43' 18.847" N
82	1° 17' 15.126" E	53° 42' 54.107" N
83	1° 16' 59.651" E	53° 42' 50.560" N
84	1° 16' 59.677" E	53° 42' 49.979" N
85	1° 16' 59.480" E	53° 42' 46.832" N
86	1° 16' 58.951" E	53° 42' 43.698" N
87	1° 16' 58.090" E	53° 42' 40.590" N
88	1° 16' 56.903" E	53° 42' 37.520" N
89	1° 16' 55.393" E	53° 42' 34.501" N
90	1° 16' 53.567" E	53° 42' 31.543" N
91	1° 16' 51.431" E	53° 42' 28.660" N
92	1° 16' 48.995" E	53° 42' 25.862" N
93	1° 16' 46.267" E	53° 42' 23.160" N
94	1° 16' 43.259" E	53° 42' 20.565" N
95	1° 16' 39.982" E	53° 42' 18.087" N
96	1° 16' 36.450" E	53° 42' 15.736" N
97	1° 16' 32.676" E	53° 42' 13.521" N
98	1° 16' 28.675" E	53° 42' 11.452" N
99	1° 16' 24.463" E	53° 42' 9.535" N
100	1° 16' 20.056" E	53° 42' 7.779" N
101	1° 16' 15.473" E	53° 42' 6.191" N
102	1° 16' 10.731" E	53° 42' 4.776" N
103	1° 16' 5.848" E	53° 42' 3.541" N
104	1° 16' 0.845" E	53° 42' 2.490" N
105	1° 15' 55.740" E	53° 42' 1.628" N
106	1° 15' 50.554" E	53° 42' 0.957" N
107	1° 15' 45.307" E	53° 42' 0.481" N
108	1° 15' 40.021" E	53° 42' 0.202" N
109	1° 15' 34.715" E	53° 42' 0.120" N
110	1° 15' 29.411" E	53° 42' 0.235" N
111	1° 15' 24.130" E	53° 42' 0.548" N
112	1° 15' 18.892" E	53° 42' 1.057" N
113	1° 15' 16.041" E	53° 42' 1.445" N
114	1° 15' 11.757" E	53° 42' 0.545" N
115	1° 15' 6.652" E	53° 41' 59.682" N
116	1° 15' 1.467" E	53° 41' 59.010" N
117	1° 14' 56.220" E	53° 41' 58.534" N
118	1° 14' 50.934" E	53° 41' 58.254" N
119	1° 14' 45.628" E	53° 41' 58.171" N
120	1° 14' 40.324" E	53° 41' 58.286" N
121	1° 14' 35.043" E	53° 41' 58.598" N
122	1° 14' 29.805" E	53° 41' 59.107" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
123	1° 14' 24.631" E	53° 41' 59.809" N
124	1° 14' 19.542" E	53° 42' 0.703" N
125	1° 14' 14.557" E	53° 42' 1.785" N
126	1° 14' 9.697" E	53° 42' 3.050" N
127	1° 14' 4.980" E	53° 42' 4.494" N
128	1° 14' 0.425" E	53° 42' 6.111" N
129	1° 13' 56.049" E	53° 42' 7.894" N
130	1° 13' 51.871" E	53° 42' 9.836" N
131	1° 13' 47.907" E	53° 42' 11.931" N
132	1° 13' 45.215" E	53° 42' 13.544" N
133	1° 11' 44.899" E	53° 41' 42.438" N
134	1° 11' 44.260" E	53° 41' 42.278" N
135	1° 11' 18.738" E	53° 41' 36.087" N
136	1° 11' 30.828" E	53° 41' 22.566" N
137	1° 11' 28.994" E	53° 41' 21.904" N
138	1° 11' 21.867" E	53° 41' 19.341" N
139	1° 11' 17.408" E	53° 41' 17.720" N
140	1° 11' 13.800" E	53° 41' 16.419" N
141	1° 11' 10.031" E	53° 41' 15.065" N
142	1° 11' 5.201" E	53° 41' 13.352" N
143	1° 11' 0.827" E	53° 41' 11.836" N
144	1° 10' 56.389" E	53° 41' 10.229" N
145	1° 10' 47.324" E	53° 41' 7.020" N
146	1° 10' 45.486" E	53° 41' 6.400" N
147	1° 10' 41.421" E	53° 41' 4.892" N
148	1° 10' 36.829" E	53° 41' 3.272" N
149	1° 10' 32.348" E	53° 41' 1.634" N
150	1° 10' 28.416" E	53° 41' 0.249" N
151	1° 10' 24.157" E	53° 40' 58.716" N
152	1° 10' 18.970" E	53° 40' 56.875" N
153	1° 10' 14.849" E	53° 40' 55.406" N
154	1° 10' 9.456" E	53° 40' 53.492" N
155	1° 10' 4.587" E	53° 40' 51.770" N
156	1° 9' 59.137" E	53° 40' 49.822" N
157	1° 9' 55.153" E	53° 40' 48.420" N
158	1° 9' 51.048" E	53° 40' 46.952" N
159	1° 9' 47.713" E	53° 40' 45.739" N
160	1° 9' 44.385" E	53° 40' 44.571" N
161	1° 9' 39.989" E	53° 40' 42.992" N
162	1° 9' 35.572" E	53° 40' 41.432" N
163	1° 9' 31.667" E	53° 40' 40.063" N
164	1° 9' 28.532" E	53° 40' 38.944" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
165	1° 9' 24.368" E	53° 40' 37.477" N
166	1° 9' 20.727" E	53° 40' 36.186" N
167	1° 9' 17.366" E	53° 40' 34.988" N
168	1° 9' 13.443" E	53° 40' 33.583" N
169	1° 9' 8.673" E	53° 40' 31.873" N
170	1° 9' 3.537" E	53° 40' 30.013" N
171	1° 8' 59.686" E	53° 40' 28.606" N
172	1° 8' 50.682" E	53° 40' 25.370" N
173	1° 8' 49.132" E	53° 40' 24.793" N
174	1° 8' 45.503" E	53° 40' 23.533" N
175	1° 8' 41.238" E	53° 40' 21.994" N
176	1° 8' 37.249" E	53° 40' 20.573" N
177	1° 8' 32.905" E	53° 40' 19.049" N
178	1° 8' 28.674" E	53° 40' 17.538" N
179	1° 8' 24.783" E	53° 40' 16.153" N
180	1° 8' 22.333" E	53° 40' 15.286" N
181	1° 8' 19.087" E	53° 40' 14.167" N
182	1° 8' 15.475" E	53° 40' 12.861" N
183	1° 8' 11.596" E	53° 40' 11.499" N
184	1° 8' 7.973" E	53° 40' 10.201" N
185	1° 8' 2.273" E	53° 40' 8.164" N
186	1° 7' 57.226" E	53° 40' 6.367" N
187	1° 7' 53.440" E	53° 40' 5.007" N
188	1° 7' 49.259" E	53° 40' 3.504" N
189	1° 7' 45.073" E	53° 40' 2.005" N
190	1° 7' 41.962" E	53° 40' 0.909" N
191	1° 7' 37.169" E	53° 39' 59.174" N
192	1° 7' 30.959" E	53° 39' 56.986" N
193	1° 7' 29.209" E	53° 39' 56.369" N
194	1° 7' 29.173" E	53° 39' 56.388" N
195	1° 7' 29.203" E	53° 39' 56.367" N
196	1° 7' 25.977" E	53° 39' 55.229" N
197	1° 7' 20.809" E	53° 39' 53.387" N
198	1° 7' 16.252" E	53° 39' 51.791" N
199	1° 7' 11.952" E	53° 39' 50.242" N
200	1° 7' 9.918" E	53° 39' 47.475" N
201	1° 7' 7.495" E	53° 39' 44.674" N
202	1° 7' 4.780" E	53° 39' 41.968" N
203	1° 7' 1.785" E	53° 39' 39.369" N
204	1° 6' 58.521" E	53° 39' 36.887" N
205	1° 6' 55.002" E	53° 39' 34.531" N
206	1° 6' 51.240" E	53° 39' 32.311" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
207	1° 6' 49.749" E	53° 39' 31.536" N
208	1° 6' 47.836" E	53° 39' 29.875" N
209	1° 6' 44.573" E	53° 39' 27.393" N
210	1° 6' 41.054" E	53° 39' 25.037" N
211	1° 6' 37.292" E	53° 39' 22.817" N
212	1° 6' 33.304" E	53° 39' 20.742" N
213	1° 6' 29.104" E	53° 39' 18.820" N
214	1° 6' 24.710" E	53° 39' 17.058" N
215	1° 6' 20.138" E	53° 39' 15.463" N
216	1° 6' 15.406" E	53° 39' 14.042" N
217	1° 6' 10.534" E	53° 39' 12.800" N
218	1° 6' 5.540" E	53° 39' 11.742" N
219	1° 6' 0.445" E	53° 39' 10.873" N
220	1° 5' 55.267" E	53° 39' 10.195" N
221	1° 5' 50.028" E	53° 39' 9.712" N
222	1° 5' 44.749" E	53° 39' 9.425" N
223	1° 5' 39.449" E	53° 39' 9.336" N
224	1° 5' 34.151" E	53° 39' 9.444" N
225	1° 5' 28.874" E	53° 39' 9.750" N
226	1° 5' 23.640" E	53° 39' 10.251" N
227	1° 5' 18.470" E	53° 39' 10.947" N
228	1° 5' 13.855" E	53° 39' 11.753" N
229	1° 5' 11.979" E	53° 39' 11.180" N
230	1° 5' 6.393" E	53° 39' 9.458" N
231	1° 5' 2.368" E	53° 39' 8.232" N
232	1° 4' 52.999" E	53° 39' 5.414" N
233	1° 4' 51.408" E	53° 39' 4.905" N
234	1° 4' 45.270" E	53° 39' 3.004" N
235	1° 4' 41.043" E	53° 39' 1.718" N
236	1° 4' 36.514" E	53° 39' 0.320" N
237	1° 4' 31.666" E	53° 38' 58.829" N
238	1° 4' 27.318" E	53° 38' 57.497" N
239	1° 4' 21.810" E	53° 38' 55.783" N
240	1° 4' 16.829" E	53° 38' 54.254" N
241	1° 4' 10.958" E	53° 38' 52.456" N
242	1° 4' 5.627" E	53° 38' 50.819" N
243	1° 4' 1.104" E	53° 38' 49.426" N
244	1° 3' 57.066" E	53° 38' 48.192" N
245	1° 3' 52.817" E	53° 38' 46.849" N
246	1° 3' 45.055" E	53° 38' 44.440" N
247	1° 3' 40.685" E	53° 38' 43.096" N
248	1° 3' 36.364" E	53° 38' 41.756" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
249	1° 3' 30.729" E	53° 38' 40.016" N
250	1° 3' 24.894" E	53° 38' 38.214" N
251	1° 3' 19.753" E	53° 38' 36.594" N
252	1° 3' 14.512" E	53° 38' 34.931" N
253	1° 3' 11.213" E	53° 38' 33.909" N
254	1° 3' 10.476" E	53° 38' 33.680" N
255	1° 3' 6.381" E	53° 38' 32.411" N
256	1° 3' 1.765" E	53° 38' 30.948" N
257	1° 2' 52.402" E	53° 38' 28.063" N
258	1° 2' 48.134" E	53° 38' 26.739" N
259	1° 2' 43.211" E	53° 38' 25.215" N
260	1° 2' 36.971" E	53° 38' 23.271" N
261	1° 2' 30.180" E	53° 38' 21.196" N
262	1° 2' 24.827" E	53° 38' 19.616" N
263	1° 2' 20.240" E	53° 38' 18.380" N
264	1° 2' 17.652" E	53° 38' 17.766" N
265	1° 2' 16.952" E	53° 38' 17.600" N
266	1° 2' 13.197" E	53° 38' 16.813" N
267	1° 2' 8.625" E	53° 38' 15.934" N
268	1° 2' 3.638" E	53° 38' 15.120" N
269	1° 1' 59.919" E	53° 38' 14.557" N
270	1° 1' 54.443" E	53° 38' 13.828" N
271	1° 1' 50.395" E	53° 38' 13.333" N
272	1° 1' 44.270" E	53° 38' 12.560" N
273	1° 1' 37.816" E	53° 38' 11.729" N
274	1° 1' 32.608" E	53° 38' 11.043" N
275	1° 1' 25.351" E	53° 38' 10.126" N
276	1° 1' 19.293" E	53° 38' 9.362" N
277	1° 1' 13.072" E	53° 38' 8.581" N
278	1° 1' 8.577" E	53° 38' 8.023" N
279	1° 1' 3.257" E	53° 38' 7.343" N
280	1° 0' 59.155" E	53° 38' 6.789" N
281	1° 0' 54.213" E	53° 38' 6.162" N
282	1° 0' 49.751" E	53° 38' 5.563" N
283	1° 0' 46.251" E	53° 38' 5.105" N
284	1° 0' 40.698" E	53° 38' 4.377" N
285	1° 0' 40.025" E	53° 38' 3.862" N
286	1° 0' 39.477" E	53° 38' 2.964" N
287	1° 0' 37.364" E	53° 38' 0.075" N
288	1° 0' 34.949" E	53° 37' 57.272" N
289	1° 0' 32.244" E	53° 37' 54.563" N
290	1° 0' 29.258" E	53° 37' 51.962" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
291	1° 0' 26.003" E	53° 37' 49.476" N
292	1° 0' 22.491" E	53° 37' 47.117" N
293	1° 0' 18.738" E	53° 37' 44.894" N
294	1° 0' 14.758" E	53° 37' 42.815" N
295	1° 0' 10.565" E	53° 37' 40.889" N
296	1° 0' 6.178" E	53° 37' 39.123" N
297	1° 0' 1.613" E	53° 37' 37.525" N
298	0° 59' 56.888" E	53° 37' 36.099" N
299	0° 59' 52.022" E	53° 37' 34.853" N
300	0° 59' 47.034" E	53° 37' 33.791" N
301	0° 59' 41.944" E	53° 37' 32.917" N
302	0° 59' 36.771" E	53° 37' 32.235" N
303	0° 59' 31.537" E	53° 37' 31.747" N
304	0° 59' 26.262" E	53° 37' 31.456" N
305	0° 59' 20.966" E	53° 37' 31.362" N
306	0° 59' 15.671" E	53° 37' 31.465" N
307	0° 59' 10.397" E	53° 37' 31.766" N
308	0° 59' 5.165" E	53° 37' 32.263" N
309	0° 59' 0.000" E	53° 37' 32.955" N
310	0° 58' 55.323" E	53° 37' 33.766" N
311	0° 58' 51.796" E	53° 37' 31.675" N
312	0° 58' 47.817" E	53° 37' 29.596" N
313	0° 58' 43.626" E	53° 37' 27.669" N
314	0° 58' 39.240" E	53° 37' 25.902" N
315	0° 58' 34.676" E	53° 37' 24.302" N
316	0° 58' 29.953" E	53° 37' 22.876" N
317	0° 58' 25.088" E	53° 37' 21.629" N
318	0° 58' 20.101" E	53° 37' 20.566" N
319	0° 58' 15.012" E	53° 37' 19.691" N
320	0° 58' 9.840" E	53° 37' 19.008" N
321	0° 58' 4.607" E	53° 37' 18.519" N
322	0° 57' 59.332" E	53° 37' 18.226" N
323	0° 57' 54.036" E	53° 37' 18.131" N
324	0° 57' 48.742" E	53° 37' 18.233" N
325	0° 57' 43.468" E	53° 37' 18.533" N
326	0° 57' 38.236" E	53° 37' 19.030" N
327	0° 57' 33.067" E	53° 37' 19.720" N
328	0° 57' 27.982" E	53° 37' 20.602" N
329	0° 57' 22.999" E	53° 37' 21.672" N
330	0° 57' 21.404" E	53° 37' 22.083" N
331	0° 57' 19.426" E	53° 37' 21.822" N
332	0° 57' 18.529" E	53° 37' 21.409" N



Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
333	0° 57' 14.144" E	53° 37' 19.641" N
334	0° 57' 9.582" E	53° 37' 18.041" N
335	0° 57' 4.859" E	53° 37' 16.614" N
336	0° 57' 0.000" E	53° 37' 15.366" N
337	0° 56' 55.009" E	53° 37' 14.302" N
338	0° 56' 49.920" E	53° 37' 13.426" N
339	0° 56' 44.749" E	53° 37' 12.741" N
340	0° 56' 39.516" E	53° 37' 12.252" N
341	0° 56' 38.752" E	53° 37' 12.209" N
342	0° 56' 35.199" E	53° 37' 11.297" N
343	0° 56' 30.213" E	53° 37' 10.233" N
344	0° 56' 25.125" E	53° 37' 9.356" N
345	0° 56' 19.954" E	53° 37' 8.672" N
346	0° 56' 14.722" E	53° 37' 8.182" N
347	0° 56' 9.447" E	53° 37' 7.888" N
348	0° 56' 4.152" E	53° 37' 7.791" N
349	0° 55' 58.858" E	53° 37' 7.892" N
350	0° 55' 53.784" E	53° 37' 8.180" N
351	0° 55' 52.117" E	53° 37' 8.149" N
352	0° 55' 46.823" E	53° 37' 8.250" N
353	0° 55' 41.549" E	53° 37' 8.549" N
354	0° 55' 36.318" E	53° 37' 9.043" N
355	0° 55' 31.148" E	53° 37' 9.732" N
356	0° 55' 26.062" E	53° 37' 10.613" N
357	0° 55' 21.079" E	53° 37' 11.682" N
358	0° 55' 16.218" E	53° 37' 12.934" N
359	0° 55' 11.500" E	53° 37' 14.365" N
360	0° 55' 6.941" E	53° 37' 15.970" N
361	0° 55' 6.396" E	53° 37' 16.191" N
362	0° 55' 3.845" E	53° 37' 14.676" N
363	0° 54' 59.870" E	53° 37' 12.595" N
364	0° 54' 55.682" E	53° 37' 10.665" N
365	0° 54' 51.300" E	53° 37' 8.896" N
366	0° 54' 46.739" E	53° 37' 7.294" N
367	0° 54' 42.018" E	53° 37' 5.865" N
368	0° 54' 37.155" E	53° 37' 4.616" N
369	0° 54' 32.171" E	53° 37' 3.550" N
370	0° 54' 27.083" E	53° 37' 2.672" N
371	0° 54' 21.913" E	53° 37' 1.986" N
372	0° 54' 16.681" E	53° 37' 1.495" N
373	0° 54' 11.407" E	53° 37' 1.199" N
374	0° 54' 6.113" E	53° 37' 1.101" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
375	0° 54' 0.818" E	53° 37' 1.201" N
376	0° 53' 55.545" E	53° 37' 1.498" N
377	0° 53' 50.313" E	53° 37' 1.992" N
378	0° 53' 45.144" E	53° 37' 2.679" N
379	0° 53' 40.057" E	53° 37' 3.559" N
380	0° 53' 35.073" E	53° 37' 4.626" N
381	0° 53' 30.212" E	53° 37' 5.877" N
382	0° 53' 27.022" E	53° 37' 6.844" N
383	0° 53' 25.171" E	53° 37' 7.090" N
384	0° 53' 20.084" E	53° 37' 7.968" N
385	0° 53' 18.955" E	53° 37' 8.209" N
386	0° 53' 16.635" E	53° 37' 7.917" N
387	0° 53' 8.932" E	53° 37' 6.971" N
388	0° 53' 3.240" E	53° 37' 6.253" N
389	0° 52' 59.113" E	53° 37' 5.732" N
390	0° 52' 57.740" E	53° 37' 4.129" N
391	0° 52' 55.045" E	53° 37' 1.417" N
392	0° 52' 52.069" E	53° 36' 58.812" N
393	0° 52' 48.824" E	53° 36' 56.322" N
394	0° 52' 45.323" E	53° 36' 53.959" N
395	0° 52' 41.579" E	53° 36' 51.731" N
396	0° 52' 37.607" E	53° 36' 49.647" N
397	0° 52' 33.423" E	53° 36' 47.716" N
398	0° 52' 29.043" E	53° 36' 45.945" N
399	0° 52' 24.485" E	53° 36' 44.340" N
400	0° 52' 19.767" E	53° 36' 42.909" N
401	0° 52' 14.907" E	53° 36' 41.657" N
402	0° 52' 9.925" E	53° 36' 40.589" N
403	0° 52' 4.840" E	53° 36' 39.708" N
404	0° 51' 59.671" E	53° 36' 39.020" N
405	0° 51' 54.441" E	53° 36' 38.525" N
406	0° 51' 49.168" E	53° 36' 38.227" N
407	0° 51' 43.874" E	53° 36' 38.126" N
408	0° 51' 38.581" E	53° 36' 38.224" N
409	0° 51' 33.307" E	53° 36' 38.518" N
410	0° 51' 28.076" E	53° 36' 39.009" N
411	0° 51' 22.906" E	53° 36' 39.694" N
412	0° 51' 17.819" E	53° 36' 40.570" N
413	0° 51' 12.835" E	53° 36' 41.635" N
414	0° 51' 7.972" E	53° 36' 42.884" N
415	0° 51' 3.251" E	53° 36' 44.312" N
416	0° 50' 59.511" E	53° 36' 45.625" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
417	0° 50' 41.595" E	53° 36' 40.508" N
418	0° 50' 43.672" E	53° 36' 46.894" N
419	0° 50' 41.691" E	53° 36' 45.556" N
420	0° 50' 37.948" E	53° 36' 43.328" N
421	0° 50' 33.977" E	53° 36' 41.244" N
422	0° 50' 29.793" E	53° 36' 39.312" N
423	0° 50' 25.415" E	53° 36' 37.540" N
424	0° 50' 20.858" E	53° 36' 35.936" N
425	0° 50' 16.140" E	53° 36' 34.504" N
426	0° 50' 11.281" E	53° 36' 33.251" N
427	0° 50' 6.299" E	53° 36' 32.182" N
428	0° 50' 1.214" E	53° 36' 31.302" N
429	0° 49' 56.046" E	53° 36' 30.613" N
430	0° 49' 50.816" E	53° 36' 30.118" N
431	0° 49' 45.544" E	53° 36' 29.819" N
432	0° 49' 40.251" E	53° 36' 29.718" N
433	0° 49' 34.957" E	53° 36' 29.814" N
434	0° 49' 29.684" E	53° 36' 30.108" N
435	0° 49' 24.453" E	53° 36' 30.598" N
436	0° 49' 20.500" E	53° 36' 31.122" N
437	0° 49' 20.006" E	53° 36' 31.016" N
438	0° 49' 14.922" E	53° 36' 30.133" N
439	0° 49' 9.755" E	53° 36' 29.443" N
440	0° 49' 4.525" E	53° 36' 28.946" N
441	0° 48' 59.253" E	53° 36' 28.646" N
442	0° 48' 53.960" E	53° 36' 28.543" N
443	0° 48' 48.667" E	53° 36' 28.638" N
444	0° 48' 43.394" E	53° 36' 28.930" N
445	0° 48' 38.162" E	53° 36' 29.419" N
446	0° 48' 32.992" E	53° 36' 30.102" N
447	0° 48' 27.904" E	53° 36' 30.977" N
448	0° 48' 22.918" E	53° 36' 32.040" N
449	0° 48' 22.757" E	53° 36' 32.081" N
450	0° 48' 21.183" E	53° 36' 30.238" N
451	0° 48' 18.494" E	53° 36' 27.524" N
452	0° 48' 15.523" E	53° 36' 24.917" N
453	0° 48' 12.283" E	53° 36' 22.426" N
454	0° 48' 8.787" E	53° 36' 20.060" N
455	0° 48' 5.047" E	53° 36' 17.830" N
456	0° 48' 1.080" E	53° 36' 15.743" N
457	0° 47' 56.901" E	53° 36' 13.809" N
458	0° 47' 52.525" E	53° 36' 12.035" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
459	0° 47' 47.971" E	53° 36' 10.428" N
460	0° 47' 43.257" E	53° 36' 8.994" N
461	0° 47' 38.400" E	53° 36' 7.738" N
462	0° 47' 33.421" E	53° 36' 6.667" N
463	0° 47' 28.338" E	53° 36' 5.783" N
464	0° 47' 23.172" E	53° 36' 5.091" N
465	0° 47' 17.944" E	53° 36' 4.594" N
466	0° 47' 12.673" E	53° 36' 4.292" N
467	0° 47' 7.381" E	53° 36' 4.188" N
468	0° 47' 2.088" E	53° 36' 4.282" N
469	0° 46' 56.815" E	53° 36' 4.573" N
470	0° 46' 51.584" E	53° 36' 5.060" N
471	0° 46' 46.414" E	53° 36' 5.742" N
472	0° 46' 41.327" E	53° 36' 6.615" N
473	0° 46' 36.341" E	53° 36' 7.677" N
474	0° 46' 31.478" E	53° 36' 8.922" N
475	0° 46' 26.755" E	53° 36' 10.347" N
476	0° 46' 22.192" E	53° 36' 11.945" N
477	0° 46' 17.807" E	53° 36' 13.711" N
478	0° 46' 15.766" E	53° 36' 14.649" N
479	0° 46' 6.529" E	53° 36' 12.727" N
480	0° 45' 35.276" E	53° 36' 6.036" N
481	0° 45' 34.423" E	53° 36' 5.862" N
482	0° 45' 33.497" E	53° 36' 5.692" N
483	0° 45' 10.707" E	53° 36' 1.748" N
484	0° 45' 10.364" E	53° 35' 59.548" N
485	0° 45' 9.545" E	53° 35' 56.436" N
486	0° 45' 8.399" E	53° 35' 53.361" N
487	0° 45' 6.931" E	53° 35' 50.335" N
488	0° 45' 5.147" E	53° 35' 47.370" N
489	0° 45' 3.053" E	53° 35' 44.477" N
490	0° 45' 0.658" E	53° 35' 41.668" N
491	0° 44' 57.972" E	53° 35' 38.954" N
492	0° 44' 55.004" E	53° 35' 36.345" N
493	0° 44' 51.767" E	53° 35' 33.853" N
494	0° 44' 48.274" E	53° 35' 31.487" N
495	0° 44' 44.537" E	53° 35' 29.255" N
496	0° 44' 40.573" E	53° 35' 27.168" N
497	0° 44' 36.396" E	53° 35' 25.233" N
498	0° 44' 32.024" E	53° 35' 23.457" N
499	0° 44' 27.473" E	53° 35' 21.849" N
500	0° 44' 22.761" E	53° 35' 20.413" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
501	0° 44' 20.847" E	53° 35' 19.918" N
502	0° 44' 20.741" E	53° 35' 19.880" N
503	0° 44' 16.029" E	53° 35' 18.445" N
504	0° 44' 11.175" E	53° 35' 17.188" N
505	0° 44' 6.199" E	53° 35' 16.115" N
506	0° 44' 5.128" E	53° 35' 15.928" N
507	0° 44' 3.722" E	53° 35' 13.984" N
508	0° 44' 1.329" E	53° 35' 11.175" N
509	0° 43' 58.644" E	53° 35' 8.460" N
510	0° 43' 55.678" E	53° 35' 5.852" N
511	0° 43' 52.442" E	53° 35' 3.359" N
512	0° 43' 48.950" E	53° 35' 0.992" N
513	0° 43' 45.216" E	53° 34' 58.760" N
514	0° 43' 41.253" E	53° 34' 56.672" N
515	0° 43' 37.078" E	53° 34' 54.736" N
516	0° 43' 32.707" E	53° 34' 52.960" N
517	0° 43' 28.157" E	53° 34' 51.351" N
518	0° 43' 23.447" E	53° 34' 49.915" N
519	0° 43' 18.594" E	53° 34' 48.657" N
520	0° 43' 13.619" E	53° 34' 47.584" N
521	0° 43' 8.540" E	53° 34' 46.698" N
522	0° 43' 3.378" E	53° 34' 46.004" N
523	0° 42' 58.152" E	53° 34' 45.504" N
524	0° 42' 52.884" E	53° 34' 45.200" N
525	0° 42' 47.595" E	53° 34' 45.094" N
526	0° 42' 42.305" E	53° 34' 45.186" N
527	0° 42' 37.035" E	53° 34' 45.474" N
528	0° 42' 32.998" E	53° 34' 45.849" N
529	0° 41' 33.480" E	53° 35' 7.750" N
530	0° 41' 30.565" E	53° 35' 9.973" N
531	0° 41' 27.576" E	53° 35' 12.572" N
532	0° 41' 24.868" E	53° 35' 15.279" N
533	0° 41' 22.451" E	53° 35' 18.081" N
534	0° 41' 20.334" E	53° 35' 20.967" N
535	0° 41' 18.526" E	53° 35' 23.928" N
536	0° 41' 17.033" E	53° 35' 26.949" N
537	0° 41' 15.863" E	53° 35' 30.021" N
538	0° 41' 15.019" E	53° 35' 33.130" N
539	0° 41' 14.504" E	53° 35' 36.265" N
540	0° 41' 14.322" E	53° 35' 39.413" N
541	0° 41' 14.472" E	53° 35' 42.561" N
542	0° 41' 14.954" E	53° 35' 45.698" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
543	0° 41' 15.767" E	53° 35' 48.810" N
544	0° 41' 16.906" E	53° 35' 51.886" N
545	0° 41' 18.368" E	53° 35' 54.913" N
546	0° 41' 20.146" E	53° 35' 57.880" N
547	0° 41' 22.234" E	53° 36' 0.774" N
548	0° 41' 24.624" E	53° 36' 3.585" N
549	0° 41' 27.306" E	53° 36' 6.301" N
550	0° 41' 30.269" E	53° 36' 8.911" N
551	0° 41' 33.502" E	53° 36' 11.405" N
552	0° 41' 36.992" E	53° 36' 13.774" N
553	0° 41' 40.726" E	53° 36' 16.008" N
554	0° 41' 44.688" E	53° 36' 18.097" N
555	0° 41' 48.863" E	53° 36' 20.035" N
556	0° 41' 53.234" E	53° 36' 21.813" N
557	0° 41' 57.784" E	53° 36' 23.424" N
558	0° 42' 2.496" E	53° 36' 24.862" N
559	0° 42' 7.350" E	53° 36' 26.121" N
560	0° 42' 12.328" E	53° 36' 27.196" N
561	0° 42' 15.731" E	53° 36' 27.791" N
562	0° 42' 17.772" E	53° 36' 30.617" N
563	0° 42' 20.163" E	53° 36' 33.427" N
564	0° 42' 22.846" E	53° 36' 36.143" N
565	0° 42' 25.811" E	53° 36' 38.753" N
566	0° 42' 29.046" E	53° 36' 41.247" N
567	0° 42' 32.537" E	53° 36' 43.615" N
568	0° 42' 36.272" E	53° 36' 45.848" N
569	0° 42' 40.236" E	53° 36' 47.938" N
570	0° 42' 44.412" E	53° 36' 49.875" N
571	0° 42' 48.785" E	53° 36' 51.652" N
572	0° 42' 53.337" E	53° 36' 53.263" N
573	0° 42' 58.050" E	53° 36' 54.700" N
574	0° 43' 2.906" E	53° 36' 55.958" N
575	0° 43' 7.885" E	53° 36' 57.033" N
576	0° 43' 12.968" E	53° 36' 57.920" N
577	0° 43' 18.134" E	53° 36' 58.615" N
578	0° 43' 23.364" E	53° 36' 59.115" N
579	0° 43' 28.636" E	53° 36' 59.420" N
580	0° 43' 33.930" E	53° 36' 59.526" N
581	0° 43' 39.225" E	53° 36' 59.435" N
582	0° 43' 44.500" E	53° 36' 59.147" N
583	0° 43' 49.734" E	53° 36' 58.662" N
584	0° 43' 54.906" E	53° 36' 57.982" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
585	0° 44' 0.000" E	53° 36' 57.111" N
586	0° 44' 4.985" E	53° 36' 56.051" N
587	0° 44' 9.851" E	53° 36' 54.807" N
588	0° 44' 14.576" E	53° 36' 53.383" N
589	0° 44' 17.171" E	53° 36' 52.476" N
590	0° 44' 17.590" E	53° 36' 52.387" N
591	0° 44' 22.456" E	53° 36' 51.142" N
592	0° 44' 27.180" E	53° 36' 49.717" N
593	0° 44' 31.744" E	53° 36' 48.119" N
594	0° 44' 36.131" E	53° 36' 46.354" N
595	0° 44' 37.441" E	53° 36' 45.752" N
596	0° 45' 15.116" E	53° 36' 55.332" N
597	0° 45' 16.172" E	53° 36' 55.586" N
598	0° 45' 17.243" E	53° 36' 55.817" N
599	0° 45' 18.328" E	53° 36' 56.023" N
600	0° 45' 43.564" E	53° 37' 0.496" N
601	0° 45' 43.567" E	53° 37' 0.516" N
602	0° 45' 44.386" E	53° 37' 3.628" N
603	0° 45' 45.531" E	53° 37' 6.703" N
604	0° 45' 46.999" E	53° 37' 9.729" N
605	0° 45' 48.783" E	53° 37' 12.695" N
606	0° 45' 50.878" E	53° 37' 15.588" N
607	0° 45' 53.273" E	53° 37' 18.397" N
608	0° 45' 55.961" E	53° 37' 21.111" N
609	0° 45' 58.931" E	53° 37' 23.719" N
610	0° 46' 2.170" E	53° 37' 26.212" N
611	0° 46' 5.666" E	53° 37' 28.578" N
612	0° 46' 9.405" E	53° 37' 30.810" N
613	0° 46' 13.372" E	53° 37' 32.897" N
614	0° 46' 17.553" E	53° 37' 34.832" N
615	0° 46' 21.929" E	53° 37' 36.607" N
616	0° 46' 26.485" E	53° 37' 38.216" N
617	0° 46' 31.202" E	53° 37' 39.651" N
618	0° 46' 36.060" E	53° 37' 40.907" N
619	0° 46' 41.043" E	53° 37' 41.979" N
620	0° 46' 46.128" E	53° 37' 42.863" N
621	0° 46' 51.297" E	53° 37' 43.555" N
622	0° 46' 56.529" E	53° 37' 44.053" N
623	0° 47' 1.803" E	53° 37' 44.355" N
624	0° 47' 7.099" E	53° 37' 44.459" N
625	0° 47' 12.395" E	53° 37' 44.366" N
626	0° 47' 17.671" E	53° 37' 44.074" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
627	0° 47' 22.906" E	53° 37' 43.587" N
628	0° 47' 28.079" E	53° 37' 42.904" N
629	0° 47' 33.169" E	53° 37' 42.031" N
630	0° 47' 38.157" E	53° 37' 40.968" N
631	0° 47' 38.319" E	53° 37' 40.927" N
632	0° 47' 39.893" E	53° 37' 42.770" N
633	0° 47' 42.583" E	53° 37' 45.484" N
634	0° 47' 45.555" E	53° 37' 48.092" N
635	0° 47' 48.796" E	53° 37' 50.583" N
636	0° 47' 52.294" E	53° 37' 52.949" N
637	0° 47' 56.036" E	53° 37' 55.179" N
638	0° 48' 0.005" E	53° 37' 57.266" N
639	0° 48' 4.130" E	53° 37' 59.173" N
640	0° 48' 4.435" E	53° 37' 59.379" N
641	0° 48' 8.176" E	53° 38' 1.609" N
642	0° 48' 12.147" E	53° 38' 3.695" N
643	0° 48' 16.329" E	53° 38' 5.629" N
644	0° 48' 20.708" E	53° 38' 7.403" N
645	0° 48' 25.266" E	53° 38' 9.010" N
646	0° 48' 29.985" E	53° 38' 10.444" N
647	0° 48' 34.845" E	53° 38' 11.699" N
648	0° 48' 35.527" E	53° 38' 11.845" N
649	0° 48' 36.907" E	53° 38' 12.264" N
650	0° 48' 41.768" E	53° 38' 13.519" N
651	0° 48' 46.752" E	53° 38' 14.590" N
652	0° 48' 51.839" E	53° 38' 15.472" N
653	0° 48' 57.010" E	53° 38' 16.163" N
654	0° 49' 2.243" E	53° 38' 16.660" N
655	0° 49' 7.519" E	53° 38' 16.960" N
656	0° 49' 12.816" E	53° 38' 17.063" N
657	0° 49' 18.113" E	53° 38' 16.967" N
658	0° 49' 23.390" E	53° 38' 16.675" N
659	0° 49' 28.626" E	53° 38' 16.185" N
660	0° 49' 33.799" E	53° 38' 15.502" N
661	0° 49' 38.890" E	53° 38' 14.626" N
662	0° 49' 43.878" E	53° 38' 13.563" N
663	0° 49' 48.744" E	53° 38' 12.315" N
664	0° 49' 53.469" E	53° 38' 10.888" N
665	0° 49' 58.033" E	53° 38' 9.287" N
666	0° 49' 59.724" E	53° 38' 8.606" N
667	0° 50' 1.103" E	53° 38' 8.423" N
668	0° 50' 6.193" E	53° 38' 7.546" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
669	0° 50' 11.181" E	53° 38' 6.481" N
670	0° 50' 16.046" E	53° 38' 5.232" N
671	0° 50' 20.769" E	53° 38' 3.804" N
672	0° 50' 25.332" E	53° 38' 2.202" N
673	0° 50' 29.716" E	53° 38' 0.434" N
674	0° 50' 33.905" E	53° 37' 58.504" N
675	0° 50' 35.511" E	53° 37' 57.664" N
676	0° 50' 35.553" E	53° 37' 57.702" N
677	0° 50' 38.798" E	53° 38' 0.192" N
678	0° 50' 42.299" E	53° 38' 2.556" N
679	0° 50' 46.043" E	53° 38' 4.785" N
680	0° 50' 50.015" E	53° 38' 6.870" N
681	0° 50' 54.200" E	53° 38' 8.802" N
682	0° 50' 58.581" E	53° 38' 10.575" N
683	0° 51' 3.140" E	53° 38' 12.180" N
684	0° 51' 7.861" E	53° 38' 13.612" N
685	0° 51' 12.723" E	53° 38' 14.865" N
686	0° 51' 17.708" E	53° 38' 15.934" N
687	0° 51' 22.796" E	53° 38' 16.815" N
688	0° 51' 27.968" E	53° 38' 17.504" N
689	0° 51' 33.202" E	53° 38' 17.999" N
690	0° 51' 38.478" E	53° 38' 18.297" N
691	0° 51' 43.775" E	53° 38' 18.398" N
692	0° 51' 49.072" E	53° 38' 18.301" N
693	0° 51' 54.349" E	53° 38' 18.006" N
694	0° 51' 59.584" E	53° 38' 17.515" N
695	0° 52' 4.756" E	53° 38' 16.830" N
696	0° 52' 9.846" E	53° 38' 15.952" N
697	0° 52' 14.834" E	53° 38' 14.887" N
698	0° 52' 19.698" E	53° 38' 13.637" N
699	0° 52' 24.422" E	53° 38' 12.209" N
700	0° 52' 26.177" E	53° 38' 11.592" N
701	0° 52' 27.692" E	53° 38' 14.096" N
702	0° 52' 29.795" E	53° 38' 16.987" N
703	0° 52' 32.199" E	53° 38' 19.794" N
704	0° 52' 34.895" E	53° 38' 22.506" N
705	0° 52' 37.872" E	53° 38' 25.111" N
706	0° 52' 41.119" E	53° 38' 27.601" N
707	0° 52' 44.623" E	53° 38' 29.964" N
708	0° 52' 48.369" E	53° 38' 32.192" N
709	0° 52' 52.344" E	53° 38' 34.276" N
710	0° 52' 56.531" E	53° 38' 36.207" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
711	0° 53' 0.914" E	53° 38' 37.978" N
712	0° 53' 5.476" E	53° 38' 39.582" N
713	0° 53' 10.198" E	53° 38' 41.013" N
714	0° 53' 15.062" E	53° 38' 42.264" N
715	0° 53' 20.049" E	53° 38' 43.332" N
716	0° 53' 25.139" E	53° 38' 44.211" N
717	0° 53' 30.312" E	53° 38' 44.899" N
718	0° 53' 35.547" E	53° 38' 45.392" N
719	0° 53' 40.824" E	53° 38' 45.689" N
720	0° 53' 46.123" E	53° 38' 45.788" N
721	0° 53' 51.421" E	53° 38' 45.689" N
722	0° 53' 56.698" E	53° 38' 45.393" N
723	0° 54' 1.933" E	53° 38' 44.901" N
724	0° 54' 7.107" E	53° 38' 44.214" N
725	0° 54' 12.197" E	53° 38' 43.335" N
726	0° 54' 17.184" E	53° 38' 42.268" N
727	0° 54' 22.049" E	53° 38' 41.017" N
728	0° 54' 25.267" E	53° 38' 40.043" N
729	0° 54' 27.142" E	53° 38' 39.794" N
730	0° 54' 32.232" E	53° 38' 38.914" N
731	0° 54' 37.218" E	53° 38' 37.846" N
732	0° 54' 42.082" E	53° 38' 36.594" N
733	0° 54' 45.766" E	53° 38' 35.477" N
734	0° 54' 48.866" E	53° 38' 37.567" N
735	0° 54' 52.615" E	53° 38' 39.793" N
736	0° 54' 56.592" E	53° 38' 41.876" N
737	0° 55' 0.780" E	53° 38' 43.806" N
738	0° 55' 5.165" E	53° 38' 45.576" N
739	0° 55' 9.728" E	53° 38' 47.178" N
740	0° 55' 14.452" E	53° 38' 48.608" N
741	0° 55' 19.317" E	53° 38' 49.858" N
742	0° 55' 24.305" E	53° 38' 50.924" N
743	0° 55' 29.396" E	53° 38' 51.802" N
744	0° 55' 34.570" E	53° 38' 52.488" N
745	0° 55' 39.806" E	53° 38' 52.980" N
746	0° 55' 45.084" E	53° 38' 53.275" N
747	0° 55' 45.103" E	53° 38' 53.275" N
748	0° 55' 48.638" E	53° 38' 54.031" N
749	0° 55' 53.729" E	53° 38' 54.908" N
750	0° 55' 54.465" E	53° 38' 55.006" N
751	0° 55' 58.085" E	53° 38' 56.673" N
752	0° 56' 2.471" E	53° 38' 58.442" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
753	0° 56' 7.035" E	53° 39' 0.044" N
754	0° 56' 11.759" E	53° 39' 1.473" N
755	0° 56' 16.626" E	53° 39' 2.722" N
756	0° 56' 21.614" E	53° 39' 3.787" N
757	0° 56' 26.706" E	53° 39' 4.665" N
758	0° 56' 31.880" E	53° 39' 5.350" N
759	0° 56' 37.117" E	53° 39' 5.841" N
760	0° 56' 41.871" E	53° 39' 6.107" N
761	0° 56' 46.113" E	53° 39' 6.668" N
762	0° 56' 51.350" E	53° 39' 7.159" N
763	0° 56' 56.628" E	53° 39' 7.454" N
764	0° 57' 1.927" E	53° 39' 7.550" N
765	0° 57' 7.226" E	53° 39' 7.449" N
766	0° 57' 12.504" E	53° 39' 7.151" N
767	0° 57' 17.739" E	53° 39' 6.656" N
768	0° 57' 22.912" E	53° 39' 5.967" N
769	0° 57' 28.002" E	53° 39' 5.086" N
770	0° 57' 32.989" E	53° 39' 4.017" N
771	0° 57' 34.555" E	53° 39' 3.613" N
772	0° 57' 38.021" E	53° 39' 4.072" N
773	0° 57' 41.913" E	53° 39' 4.436" N
774	0° 57' 43.740" E	53° 39' 4.678" N
775	0° 57' 48.977" E	53° 39' 5.168" N
776	0° 57' 54.256" E	53° 39' 5.462" N
777	0° 57' 59.555" E	53° 39' 5.558" N
778	0° 58' 4.853" E	53° 39' 5.456" N
779	0° 58' 10.131" E	53° 39' 5.157" N
780	0° 58' 15.366" E	53° 39' 4.661" N
781	0° 58' 20.539" E	53° 39' 3.971" N
782	0° 58' 24.355" E	53° 39' 3.310" N
783	0° 58' 25.683" E	53° 39' 4.468" N
784	0° 58' 28.936" E	53° 39' 6.955" N
785	0° 58' 32.446" E	53° 39' 9.316" N
786	0° 58' 36.199" E	53° 39' 11.541" N
787	0° 58' 40.179" E	53° 39' 13.621" N
788	0° 58' 44.372" E	53° 39' 15.549" N
789	0° 58' 48.760" E	53° 39' 17.316" N
790	0° 58' 53.327" E	53° 39' 18.917" N
791	0° 58' 58.053" E	53° 39' 20.343" N
792	0° 59' 2.922" E	53° 39' 21.591" N
793	0° 59' 7.912" E	53° 39' 22.655" N
794	0° 59' 13.006" E	53° 39' 23.530" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
795	0° 59' 18.181" E	53° 39' 24.213" N
796	0° 59' 23.419" E	53° 39' 24.702" N
797	0° 59' 28.698" E	53° 39' 24.995" N
798	0° 59' 33.998" E	53° 39' 25.090" N
799	0° 59' 39.297" E	53° 39' 24.987" N
800	0° 59' 44.575" E	53° 39' 24.687" N
801	0° 59' 49.811" E	53° 39' 24.190" N
802	0° 59' 54.984" E	53° 39' 23.499" N
803	1° 0' 0.074" E	53° 39' 22.616" N
804	1° 0' 5.060" E	53° 39' 21.545" N
805	1° 0' 9.923" E	53° 39' 20.290" N
806	1° 0' 14.643" E	53° 39' 18.857" N
807	1° 0' 19.203" E	53° 39' 17.249" N
808	1° 0' 23.584" E	53° 39' 15.475" N
809	1° 0' 27.768" E	53° 39' 13.541" N
810	1° 0' 28.040" E	53° 39' 13.399" N
811	1° 1' 21.302" E	53° 39' 31.139" N
812	1° 1' 21.594" E	53° 39' 31.235" N
813	1° 1' 23.514" E	53° 39' 31.857" N
814	1° 1' 24.756" E	53° 39' 32.696" N
815	1° 1' 37.097" E	53° 39' 41.034" N
816	1° 1' 37.431" E	53° 39' 41.252" N
817	1° 1' 38.065" E	53° 39' 41.624" N
818	1° 1' 38.738" E	53° 39' 41.971" N
819	1° 1' 39.447" E	53° 39' 42.291" N
820	1° 1' 40.191" E	53° 39' 42.583" N
821	1° 1' 40.888" E	53° 39' 42.821" N
822	1° 2' 14.947" E	53° 39' 53.667" N
823	1° 4' 21.957" E	53° 40' 34.074" N
824	1° 4' 21.950" E	53° 40' 34.215" N
825	1° 4' 22.130" E	53° 40' 37.362" N
826	1° 4' 22.641" E	53° 40' 40.497" N
827	1° 4' 23.484" E	53° 40' 43.607" N
828	1° 4' 24.653" E	53° 40' 46.679" N
829	1° 4' 26.145" E	53° 40' 49.701" N
830	1° 4' 27.954" E	53° 40' 52.662" N
831	1° 4' 30.073" E	53° 40' 55.550" N
832	1° 4' 32.493" E	53° 40' 58.353" N
833	1° 4' 35.205" E	53° 41' 1.060" N
834	1° 4' 38.197" E	53° 41' 3.660" N
835	1° 4' 41.460" E	53° 41' 6.144" N
836	1° 4' 44.978" E	53° 41' 8.502" N



Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
837	1° 4' 48.739" E	53° 41' 10.723" N
838	1° 4' 52.728" E	53° 41' 12.800" N
839	1° 4' 56.928" E	53° 41' 14.724" N
840	1° 5' 1.324" E	53° 41' 16.488" N
841	1° 5' 5.898" E	53° 41' 18.085" N
842	1° 5' 9.021" E	53° 41' 19.023" N
843	1° 5' 10.941" E	53° 41' 21.246" N
844	1° 5' 13.654" E	53° 41' 23.953" N
845	1° 5' 16.648" E	53° 41' 26.553" N
846	1° 5' 19.911" E	53° 41' 29.037" N
847	1° 5' 23.430" E	53° 41' 31.394" N
848	1° 5' 27.193" E	53° 41' 33.615" N
849	1° 5' 31.182" E	53° 41' 35.691" N
850	1° 5' 35.384" E	53° 41' 37.615" N
851	1° 5' 39.781" E	53° 41' 39.379" N
852	1° 5' 44.356" E	53° 41' 40.975" N
853	1° 5' 46.578" E	53° 41' 41.642" N
854	1° 5' 48.436" E	53° 41' 42.886" N
855	1° 5' 52.199" E	53° 41' 45.107" N
856	1° 5' 56.189" E	53° 41' 47.183" N
857	1° 6' 0.392" E	53° 41' 49.107" N
858	1° 6' 4.789" E	53° 41' 50.870" N
859	1° 6' 9.365" E	53° 41' 52.466" N
860	1° 6' 14.101" E	53° 41' 53.888" N
861	1° 6' 18.977" E	53° 41' 55.130" N
862	1° 6' 23.976" E	53° 41' 56.189" N
863	1° 6' 29.077" E	53° 41' 57.059" N
864	1° 6' 34.260" E	53° 41' 57.737" N
865	1° 6' 39.504" E	53° 41' 58.221" N
866	1° 6' 44.790" E	53° 41' 58.508" N
867	1° 6' 50.095" E	53° 41' 58.598" N
868	1° 6' 55.400" E	53° 41' 58.490" N
869	1° 7' 0.682" E	53° 41' 58.184" N
870	1° 7' 5.922" E	53° 41' 57.682" N
871	1° 7' 11.098" E	53° 41' 56.985" N
872	1° 7' 16.190" E	53° 41' 56.098" N
873	1° 7' 21.178" E	53° 41' 55.022" N
874	1° 7' 26.042" E	53° 41' 53.762" N
875	1° 7' 30.764" E	53° 41' 52.323" N
876	1° 7' 35.323" E	53° 41' 50.712" N
877	1° 7' 39.703" E	53° 41' 48.933" N
878	1° 7' 43.887" E	53° 41' 46.995" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
879	1° 7' 47.856" E	53° 41' 44.905" N
880	1° 7' 51.597" E	53° 41' 42.670" N
881	1° 7' 54.730" E	53° 41' 40.548" N
882	1° 8' 36.515" E	53° 41' 48.122" N
883	1° 8' 36.669" E	53° 41' 48.150" N
884	1° 8' 37.081" E	53° 41' 48.221" N
885	1° 8' 55.213" E	53° 41' 51.276" N
886	1° 8' 55.901" E	53° 41' 51.386" N
887	1° 8' 56.385" E	53° 41' 51.458" N
888	1° 9' 11.279" E	53° 41' 53.585" N
889	1° 10' 17.784" E	53° 42' 8.899" N
890	1° 12' 30.986" E	53° 42' 44.085" N
891	1° 12' 31.380" E	53° 42' 44.187" N
892	1° 12' 32.173" E	53° 42' 44.380" N
893	1° 13' 19.070" E	53° 42' 55.350" N
894	1° 13' 19.031" E	53° 42' 56.207" N
895	1° 13' 19.222" E	53° 42' 59.355" N
896	1° 13' 19.745" E	53° 43' 2.489" N
897	1° 13' 20.599" E	53° 43' 5.597" N
898	1° 13' 21.781" E	53° 43' 8.668" N
899	1° 13' 23.285" E	53° 43' 11.688" N
900	1° 13' 25.106" E	53° 43' 14.647" N
901	1° 13' 27.237" E	53° 43' 17.532" N
902	1° 13' 29.669" E	53° 43' 20.332" N
903	1° 13' 32.393" E	53° 43' 23.035" N
904	1° 13' 35.398" E	53° 43' 25.632" N
905	1° 13' 38.672" E	53° 43' 28.112" N
906	1° 13' 42.202" E	53° 43' 30.465" N
907	1° 13' 45.974" E	53° 43' 32.682" N
908	1° 13' 49.974" E	53° 43' 34.754" N
909	1° 13' 54.185" E	53° 43' 36.673" N
910	1° 13' 58.592" E	53° 43' 38.431" N
911	1° 14' 3.176" E	53° 43' 40.022" N
912	1° 14' 7.919" E	53° 43' 41.439" N
913	1° 14' 12.803" E	53° 43' 42.676" N
914	1° 14' 17.809" E	53° 43' 43.729" N
915	1° 14' 22.916" E	53° 43' 44.593" N
916	1° 14' 28.105" E	53° 43' 45.266" N
917	1° 14' 33.354" E	53° 43' 45.744" N
918	1° 14' 38.644" E	53° 43' 46.025" N
919	1° 14' 43.954" E	53° 43' 46.109" N
920	1° 14' 49.261" E	53° 43' 45.995" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
921	1° 14' 54.547" E	53° 43' 45.683" N
922	1° 14' 59.788" E	53° 43' 45.176" N
923	1° 15' 3.925" E	53° 43' 44.615" N
924	1° 15' 6.386" E	53° 43' 45.132" N
925	1° 15' 11.494" E	53° 43' 45.996" N
926	1° 15' 16.683" E	53° 43' 46.668" N
927	1° 15' 21.933" E	53° 43' 47.145" N
928	1° 15' 27.223" E	53° 43' 47.426" N
929	1° 15' 32.532" E	53° 43' 47.509" N
930	1° 15' 37.840" E	53° 43' 47.395" N
931	1° 15' 43.125" E	53° 43' 47.082" N
932	1° 15' 48.367" E	53° 43' 46.574" N
933	1° 15' 53.544" E	53° 43' 45.871" N
934	1° 15' 58.637" E	53° 43' 44.977" N
935	1° 16' 3.625" E	53° 43' 43.895" N
936	1° 16' 8.488" E	53° 43' 42.630" N
937	1° 16' 13.208" E	53° 43' 41.186" N
938	1° 16' 17.766" E	53° 43' 39.568" N
939	1° 16' 22.143" E	53° 43' 37.785" N
940	1° 16' 26.322" E	53° 43' 35.841" N
941	1° 16' 30.288" E	53° 43' 33.746" N
942	1° 16' 34.023" E	53° 43' 31.507" N
943	1° 16' 35.721" E	53° 43' 30.354" N
944	1° 16' 37.096" E	53° 43' 29.140" N
945	1° 16' 38.201" E	53° 43' 27.963" N
946	1° 18' 32.966" E	53° 43' 26.748" N
947	1° 18' 36.305" E	53° 43' 25.540" N
948	1° 18' 39.629" E	53° 43' 24.325" N
949	1° 18' 42.947" E	53° 44' 23.113" N
950	1° 18' 46.267" E	53° 44' 21.907" N
951	1° 18' 49.588" E	53° 44' 20.702" N
952	1° 18' 52.909" E	53° 44' 19.497" N
953	1° 18' 56.230" E	53° 44' 18.292" N
954	1° 18' 59.551" E	53° 44' 17.087" N
955	1° 18' 62.872" E	53° 44' 15.882" N
956	1° 18' 66.193" E	53° 44' 14.677" N
957	1° 18' 69.514" E	53° 44' 13.472" N
958	1° 19' 72.835" E	53° 44' 12.267" N
959	1° 19' 76.156" E	53° 44' 11.062" N
960	1° 19' 79.477" E	53° 44' 9.857" N
961	1° 19' 82.798" E	53° 44' 8.652" N
962	1° 19' 86.119" E	53° 44' 7.447" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
963	1° 19' 21.546" E	53° 44' 40.144" N
964	1° 19' 25.957" E	53° 44' 41.899" N
965	1° 19' 30.547" E	53° 44' 43.486" N
966	1° 19' 35.295" E	53° 44' 44.900" N
967	1° 19' 40.184" E	53° 44' 46.133" N
968	1° 19' 45.194" E	53° 44' 47.182" N
969	1° 19' 50.305" E	53° 44' 48.043" N
970	1° 19' 55.497" E	53° 44' 48.712" N
971	1° 20' 0.750" E	53° 44' 49.186" N
972	1° 20' 6.043" E	53° 44' 49.463" N
973	1° 20' 11.355" E	53° 44' 49.543" N
974	1° 20' 16.665" E	53° 44' 49.425" N
975	1° 20' 21.951" E	53° 44' 49.109" N
976	1° 20' 27.194" E	53° 44' 48.597" N
977	1° 20' 32.372" E	53° 44' 47.891" N
978	1° 20' 37.466" E	53° 44' 46.994" N
979	1° 20' 42.454" E	53° 44' 45.909" N
980	1° 20' 47.317" E	53° 44' 44.640" N
981	1° 20' 52.036" E	53° 44' 43.193" N
982	1° 20' 56.699" E	53° 44' 41.646" N
983	1° 25' 56.493" E	53° 47' 44.568" N
984	1° 25' 56.699" E	53° 47' 47.715" N
985	1° 25' 57.239" E	53° 47' 50.849" N
986	1° 25' 58.111" E	53° 47' 53.956" N
987	1° 25' 59.310" E	53° 47' 57.024" N
988	1° 26' 0.832" E	53° 48' 0.042" N
989	1° 26' 2.671" E	53° 48' 2.997" N
990	1° 26' 4.821" E	53° 48' 5.878" N
991	1° 26' 7.271" E	53° 48' 8.674" N
992	1° 26' 10.014" E	53° 48' 11.373" N
993	1° 26' 13.037" E	53° 48' 13.964" N
994	1° 26' 16.330" E	53° 48' 16.438" N
995	1° 26' 19.879" E	53° 48' 18.785" N
996	1° 26' 23.669" E	53° 48' 20.995" N
997	1° 26' 27.687" E	53° 48' 23.060" N
998	1° 26' 31.916" E	53° 48' 24.972" N
999	1° 26' 36.339" E	53° 48' 26.722" N
1000	1° 26' 40.940" E	53° 48' 28.305" N
1001	1° 26' 45.699" E	53° 48' 29.713" N
1002	1° 26' 50.599" E	53° 48' 30.942" N
1003	1° 26' 55.619" E	53° 48' 31.986" N
1004	1° 27' 0.741" E	53° 48' 32.841" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1005	1° 27' 5.942" E	53° 48' 33.505" N
1006	1° 27' 11.205" E	53° 48' 33.973" N
1007	1° 27' 16.506" E	53° 48' 34.246" N
1008	1° 27' 18.666" E	53° 48' 34.276" N
1009	1° 27' 18.914" E	53° 48' 34.317" N
1010	1° 27' 24.116" E	53° 48' 34.981" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1011	1° 27' 29.378" E	53° 48' 35.449" N
1012	1° 27' 34.680" E	53° 48' 35.721" N
1013	1° 27' 40.000" E	53° 48' 35.795" N
1014	1° 29' 12.354" E	53° 49' 30.305" N
1015	1° 35' 8.983" E	53° 49' 23.992" N

**Array**

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
1	2° 4' 32.469" E	53° 59' 54.121" N
2	2° 6' 53.208" E	53° 57' 41.691" N
3	2° 6' 54.010" E	53° 57' 40.911" N
4	2° 6' 54.774" E	53° 57' 40.119" N
5	2° 6' 55.501" E	53° 57' 39.313" N
6	2° 6' 56.188" E	53° 57' 38.496" N
7	2° 6' 56.836" E	53° 57' 37.668" N
8	2° 6' 57.445" E	53° 57' 36.830" N
9	2° 6' 58.013" E	53° 57' 35.981" N
10	2° 6' 58.540" E	53° 57' 35.124" N
11	2° 6' 59.026" E	53° 57' 34.258" N
12	2° 6' 59.470" E	53° 57' 33.384" N
13	2° 6' 59.872" E	53° 57' 32.504" N
14	2° 7' 0.233" E	53° 57' 31.617" N
15	2° 7' 0.550" E	53° 57' 30.724" N
16	2° 7' 0.825" E	53° 57' 29.827" N
17	2° 7' 1.057" E	53° 57' 28.925" N
18	2° 7' 1.245" E	53° 57' 28.020" N
19	2° 7' 1.390" E	53° 57' 27.112" N
20	2° 7' 1.492" E	53° 57' 26.201" N
21	2° 7' 1.550" E	53° 57' 25.290" N
22	2° 7' 1.565" E	53° 57' 24.378" N
23	2° 7' 1.536" E	53° 57' 23.466" N
24	2° 7' 1.463" E	53° 57' 22.555" N
25	2° 7' 1.347" E	53° 57' 21.646" N
26	2° 7' 1.187" E	53° 57' 20.738" N
27	2° 7' 0.984" E	53° 57' 19.834" N
28	2° 7' 0.738" E	53° 57' 18.934" N
29	2° 7' 0.449" E	53° 57' 18.038" N
30	2° 7' 0.118" E	53° 57' 17.147" N
31	2° 6' 59.744" E	53° 57' 16.262" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
32	2° 6' 59.327" E	53° 57' 15.384" N
33	2° 6' 58.869" E	53° 57' 14.513" N
34	2° 6' 58.370" E	53° 57' 13.649" N
35	2° 6' 57.829" E	53° 57' 12.795" N
36	2° 6' 57.248" E	53° 57' 11.950" N
37	2° 6' 56.626" E	53° 57' 11.115" N
38	2° 6' 55.965" E	53° 57' 10.290" N
39	2° 6' 55.265" E	53° 57' 9.477" N
40	2° 6' 54.526" E	53° 57' 8.676" N
41	2° 6' 53.749" E	53° 57' 7.887" N
42	2° 6' 52.935" E	53° 57' 7.112" N
43	2° 6' 52.084" E	53° 57' 6.350" N
44	2° 6' 51.197" E	53° 57' 5.603" N
45	2° 6' 50.275" E	53° 57' 4.871" N
46	2° 6' 49.318" E	53° 57' 4.155" N
47	2° 6' 48.327" E	53° 57' 3.454" N
48	2° 6' 47.303" E	53° 57' 2.771" N
49	2° 6' 46.247" E	53° 57' 2.105" N
50	2° 6' 45.159" E	53° 57' 1.457" N
51	2° 6' 44.041" E	53° 57' 0.827" N
52	2° 6' 42.893" E	53° 57' 0.215" N
53	2° 6' 41.717" E	53° 56' 59.624" N
54	2° 6' 40.513" E	53° 56' 59.052" N
55	2° 6' 39.281" E	53° 56' 58.500" N
56	2° 6' 38.024" E	53° 56' 57.969" N
57	2° 6' 36.742" E	53° 56' 57.459" N
58	2° 6' 35.437" E	53° 56' 56.970" N
59	2° 6' 34.108" E	53° 56' 56.504" N
60	2° 6' 32.758" E	53° 56' 56.060" N
61	2° 6' 31.387" E	53° 56' 55.638" N
62	2° 6' 29.996" E	53° 56' 55.239" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
63	2° 6' 28.587" E	53° 56' 54.864" N
64	2° 6' 27.160" E	53° 56' 54.512" N
65	2° 6' 25.717" E	53° 56' 54.184" N
66	2° 6' 24.260" E	53° 56' 53.881" N
67	2° 6' 22.788" E	53° 56' 53.601" N
68	2° 6' 21.303" E	53° 56' 53.346" N
69	2° 6' 19.807" E	53° 56' 53.116" N
70	2° 6' 18.301" E	53° 56' 52.911" N
71	2° 5' 58.502" E	53° 56' 50.389" N
72	2° 5' 58.662" E	53° 56' 49.480" N
73	2° 5' 58.778" E	53° 56' 48.570" N
74	2° 5' 58.850" E	53° 56' 47.658" N
75	2° 5' 58.879" E	53° 56' 46.745" N
76	2° 5' 58.864" E	53° 56' 45.832" N
77	2° 5' 58.805" E	53° 56' 44.920" N
78	2° 5' 58.703" E	53° 56' 44.009" N
79	2° 5' 58.557" E	53° 56' 43.100" N
80	2° 5' 58.367" E	53° 56' 42.194" N
81	2° 5' 58.135" E	53° 56' 41.291" N
82	2° 5' 57.859" E	53° 56' 40.393" N
83	2° 5' 57.540" E	53° 56' 39.499" N
84	2° 5' 57.179" E	53° 56' 38.611" N
85	2° 5' 56.776" E	53° 56' 37.730" N
86	2° 5' 56.330" E	53° 56' 36.856" N
87	2° 5' 55.843" E	53° 56' 35.989" N
88	2° 5' 55.315" E	53° 56' 35.131" N
89	2° 5' 54.745" E	53° 56' 34.282" N
90	2° 5' 54.136" E	53° 56' 33.443" N
91	2° 5' 53.486" E	53° 56' 32.614" N
92	2° 5' 52.797" E	53° 56' 31.797" N
93	2° 5' 52.069" E	53° 56' 30.991" N
94	2° 5' 51.303" E	53° 56' 30.198" N
95	2° 5' 50.499" E	53° 56' 29.417" N
96	2° 5' 49.659" E	53° 56' 28.651" N
97	2° 5' 48.781" E	53° 56' 27.899" N
98	2° 5' 47.869" E	53° 56' 27.161" N
99	2° 5' 46.921" E	53° 56' 26.440" N
100	2° 5' 45.939" E	53° 56' 25.734" N
101	2° 5' 44.924" E	53° 56' 25.045" N
102	2° 5' 43.877" E	53° 56' 24.373" N
103	2° 5' 42.797" E	53° 56' 23.719" N
104	2° 5' 41.687" E	53° 56' 23.083" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
105	2° 5' 40.547" E	53° 56' 22.465" N
106	2° 5' 39.377" E	53° 56' 21.867" N
107	2° 5' 38.180" E	53° 56' 21.289" N
108	2° 5' 36.955" E	53° 56' 20.731" N
109	2° 5' 35.705" E	53° 56' 20.193" N
110	2° 5' 34.429" E	53° 56' 19.677" N
111	2° 5' 33.128" E	53° 56' 19.182" N
112	2° 5' 31.805" E	53° 56' 18.709" N
113	2° 5' 30.459" E	53° 56' 18.258" N
114	2° 5' 29.093" E	53° 56' 17.830" N
115	2° 5' 27.706" E	53° 56' 17.424" N
116	2° 5' 26.301" E	53° 56' 17.042" N
117	2° 5' 24.878" E	53° 56' 16.683" N
118	2° 5' 23.438" E	53° 56' 16.349" N
119	2° 5' 21.983" E	53° 56' 16.038" N
120	2° 5' 20.514" E	53° 56' 15.752" N
121	2° 5' 19.032" E	53° 56' 15.490" N
122	2° 5' 17.537" E	53° 56' 15.253" N
123	2° 5' 16.032" E	53° 56' 15.041" N
124	2° 2' 44.113" E	53° 55' 54.945" N
125	2° 3' 0.226" E	53° 55' 40.275" N
126	2° 3' 1.050" E	53° 55' 39.501" N
127	2° 3' 1.836" E	53° 55' 38.714" N
128	2° 3' 2.584" E	53° 55' 37.915" N
129	2° 3' 3.293" E	53° 55' 37.103" N
130	2° 3' 3.964" E	53° 55' 36.280" N
131	2° 3' 4.594" E	53° 55' 35.445" N
132	2° 3' 5.185" E	53° 55' 34.601" N
133	2° 3' 5.735" E	53° 55' 33.747" N
134	2° 3' 6.243" E	53° 55' 32.885" N
135	2° 3' 6.711" E	53° 55' 32.014" N
136	2° 3' 7.136" E	53° 55' 31.136" N
137	2° 3' 7.519" E	53° 55' 30.251" N
138	2° 3' 7.860" E	53° 55' 29.360" N
139	2° 3' 8.158" E	53° 55' 28.463" N
140	2° 3' 8.413" E	53° 55' 27.562" N
141	2° 3' 8.625" E	53° 55' 26.658" N
142	2° 3' 8.793" E	53° 55' 25.750" N
143	2° 3' 8.918" E	53° 55' 24.839" N
144	2° 3' 9.000" E	53° 55' 23.927" N
145	2° 3' 9.037" E	53° 55' 23.014" N
146	2° 3' 9.031" E	53° 55' 22.100" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
147	2° 3' 8.982" E	53° 55' 21.188" N
148	2° 3' 8.888" E	53° 55' 20.276" N
149	2° 3' 8.751" E	53° 55' 19.366" N
150	2° 3' 8.571" E	53° 55' 18.459" N
151	2° 3' 8.347" E	53° 55' 17.555" N
152	2° 3' 8.080" E	53° 55' 16.655" N
153	2° 3' 7.770" E	53° 55' 15.760" N
154	2° 3' 7.417" E	53° 55' 14.871" N
155	2° 3' 7.023" E	53° 55' 13.988" N
156	2° 3' 6.586" E	53° 55' 13.112" N
157	2° 3' 6.107" E	53° 55' 12.243" N
158	2° 3' 5.587" E	53° 55' 11.383" N
159	2° 3' 5.026" E	53° 55' 10.531" N
160	2° 3' 4.424" E	53° 55' 9.690" N
161	2° 3' 3.782" E	53° 55' 8.859" N
162	2° 3' 3.101" E	53° 55' 8.038" N
163	2° 3' 2.381" E	53° 55' 7.230" N
164	2° 3' 1.623" E	53° 55' 6.434" N
165	2° 3' 0.827" E	53° 55' 5.651" N
166	2° 3' 0.000" E	53° 55' 4.881" N
167	2° 2' 59.124" E	53° 55' 4.125" N
168	2° 2' 58.218" E	53° 55' 3.385" N
169	2° 2' 57.277" E	53° 55' 2.660" N
170	2° 2' 56.302" E	53° 55' 1.950" N
171	2° 2' 55.294" E	53° 55' 1.258" N
172	2° 2' 54.253" E	53° 55' 0.582" N
173	2° 2' 53.180" E	53° 54' 59.924" N
174	2° 2' 52.076" E	53° 54' 59.284" N
175	2° 2' 50.941" E	53° 54' 58.663" N
176	2° 2' 49.778" E	53° 54' 58.061" N
177	2° 2' 48.586" E	53° 54' 57.478" N
178	2° 2' 47.367" E	53° 54' 56.916" N
179	2° 2' 46.121" E	53° 54' 56.374" N
180	2° 2' 44.850" E	53° 54' 55.853" N
181	2° 2' 43.554" E	53° 54' 55.354" N
182	2° 2' 42.236" E	53° 54' 54.876" N
183	2° 2' 40.894" E	53° 54' 54.421" N
184	2° 2' 39.532" E	53° 54' 53.988" N
185	2° 2' 38.150" E	53° 54' 53.578" N
186	2° 2' 36.748" E	53° 54' 53.191" N
187	2° 2' 35.328" E	53° 54' 52.827" N
188	2° 2' 33.892" E	53° 54' 52.488" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
189	2° 2' 32.440" E	53° 54' 52.172" N
190	2° 2' 30.974" E	53° 54' 51.881" N
191	2° 2' 29.494" E	53° 54' 51.615" N
192	2° 2' 28.002" E	53° 54' 51.373" N
193	2° 2' 26.499" E	53° 54' 51.156" N
194	1° 59' 58.086" E	53° 54' 51.022" N
195	1° 59' 56.580" E	53° 54' 50.830" N
196	1° 59' 55.066" E	53° 54' 50.664" N
197	1° 59' 53.544" E	53° 54' 50.523" N
198	1° 59' 52.016" E	53° 54' 50.407" N
199	1° 59' 50.483" E	53° 54' 50.316" N
200	1° 59' 48.947" E	53° 54' 50.251" N
201	1° 59' 47.408" E	53° 54' 50.212" N
202	1° 59' 45.868" E	53° 54' 50.198" N
203	1° 59' 44.327" E	53° 54' 50.210" N
204	1° 59' 42.788" E	53° 54' 50.247" N
205	1° 59' 41.251" E	53° 54' 50.310" N
206	1° 59' 39.718" E	53° 54' 50.398" N
207	1° 59' 38.190" E	53° 54' 50.512" N
208	1° 59' 36.668" E	53° 54' 50.651" N
209	1° 59' 35.153" E	53° 54' 50.815" N
210	1° 59' 33.646" E	53° 54' 51.004" N
211	1° 59' 32.149" E	53° 54' 51.218" N
212	1° 59' 30.663" E	53° 54' 51.457" N
213	1° 59' 29.188" E	53° 54' 51.721" N
214	1° 59' 27.727" E	53° 54' 52.009" N
215	1° 59' 26.280" E	53° 54' 52.321" N
216	1° 59' 24.849" E	53° 54' 52.657" N
217	1° 59' 23.434" E	53° 54' 53.016" N
218	1° 59' 22.036" E	53° 54' 53.399" N
219	1° 59' 20.658" E	53° 54' 53.805" N
220	1° 59' 19.299" E	53° 54' 54.234" N
221	1° 59' 17.962" E	53° 54' 54.685" N
222	1° 59' 16.646" E	53° 54' 55.158" N
223	1° 59' 15.354" E	53° 54' 55.653" N
224	1° 59' 14.085" E	53° 54' 56.169" N
225	1° 59' 12.842" E	53° 54' 56.706" N
226	1° 59' 11.624" E	53° 54' 57.263" N
227	1° 59' 10.434" E	53° 54' 57.840" N
228	1° 59' 9.271" E	53° 54' 58.437" N
229	1° 59' 8.138" E	53° 54' 59.053" N
230	1° 59' 7.034" E	53° 54' 59.688" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
231	1° 59' 5.961" E	53° 54' 40.340" N
232	1° 59' 4.919" E	53° 54' 41.010" N
233	1° 59' 3.910" E	53° 54' 41.697" N
234	1° 59' 2.933" E	53° 54' 42.401" N
235	1° 59' 1.991" E	53° 54' 43.120" N
236	1° 59' 1.083" E	53° 54' 43.855" N
237	1° 59' 0.211" E	53° 54' 44.605" N
238	1° 58' 59.374" E	53° 54' 45.369" N
239	1° 58' 58.575" E	53° 54' 46.146" N
240	1° 58' 57.812" E	53° 54' 46.936" N
241	1° 58' 57.088" E	53° 54' 47.739" N
242	1° 58' 56.402" E	53° 54' 48.554" N
243	1° 58' 55.755" E	53° 54' 49.379" N
244	1° 58' 49.501" E	53° 54' 57.664" N
245	1° 56' 23.578" E	53° 54' 36.750" N
246	1° 56' 22.119" E	53° 54' 36.553" N
247	1° 56' 20.651" E	53° 54' 36.380" N
248	1° 56' 19.177" E	53° 54' 36.230" N
249	1° 56' 17.695" E	53° 54' 36.105" N
250	1° 56' 16.209" E	53° 54' 36.003" N
251	1° 56' 14.718" E	53° 54' 35.925" N
252	1° 56' 13.224" E	53° 54' 35.872" N
253	1° 56' 11.729" E	53° 54' 35.842" N
254	1° 56' 10.232" E	53° 54' 35.837" N
255	1° 56' 8.736" E	53° 54' 35.855" N
256	1° 56' 7.241" E	53° 54' 35.898" N
257	1° 56' 5.749" E	53° 54' 35.965" N
258	1° 56' 4.261" E	53° 54' 36.056" N
259	1° 56' 2.777" E	53° 54' 36.171" N
260	1° 56' 1.299" E	53° 54' 36.310" N
261	1° 55' 59.828" E	53° 54' 36.472" N
262	1° 55' 58.365" E	53° 54' 36.658" N
263	1° 55' 56.912" E	53° 54' 36.868" N
264	1° 55' 55.468" E	53° 54' 37.101" N
265	1° 55' 54.036" E	53° 54' 37.357" N
266	1° 55' 52.616" E	53° 54' 37.637" N
267	1° 55' 51.210" E	53° 54' 37.939" N
268	1° 55' 49.818" E	53° 54' 38.263" N
269	1° 55' 48.442" E	53° 54' 38.610" N
270	1° 55' 47.082" E	53° 54' 38.979" N
271	1° 55' 45.740" E	53° 54' 39.370" N
272	1° 55' 1.256" E	53° 54' 52.768" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
273	1° 53' 38.296" E	53° 55' 4.352" N
274	1° 53' 7.227" E	53° 54' 59.903" N
275	1° 53' 5.731" E	53° 54' 59.702" N
276	1° 53' 4.227" E	53° 54' 59.525" N
277	1° 53' 2.715" E	53° 54' 59.374" N
278	1° 53' 1.196" E	53° 54' 59.248" N
279	1° 52' 59.671" E	53° 54' 59.146" N
280	1° 52' 58.143" E	53° 54' 59.070" N
281	1° 52' 56.612" E	53° 54' 59.020" N
282	1° 52' 55.078" E	53° 54' 58.994" N
283	1° 52' 53.544" E	53° 54' 58.994" N
284	1° 52' 52.011" E	53° 54' 59.019" N
285	1° 52' 50.480" E	53° 54' 59.070" N
286	1° 52' 48.951" E	53° 54' 59.146" N
287	1° 52' 47.427" E	53° 54' 59.247" N
288	1° 52' 45.908" E	53° 54' 59.373" N
289	1° 52' 44.395" E	53° 54' 59.524" N
290	1° 52' 42.891" E	53° 54' 59.701" N
291	1° 52' 41.395" E	53° 54' 59.902" N
292	1° 52' 39.910" E	53° 55' 0.127" N
293	1° 52' 38.435" E	53° 55' 0.377" N
294	1° 52' 36.974" E	53° 55' 0.652" N
295	1° 52' 35.525" E	53° 55' 0.950" N
296	1° 52' 34.092" E	53° 55' 1.272" N
297	1° 52' 32.674" E	53° 55' 1.618" N
298	1° 52' 31.273" E	53° 55' 1.987" N
299	1° 52' 29.891" E	53° 55' 2.379" N
300	1° 52' 28.527" E	53° 55' 2.794" N
301	1° 52' 27.184" E	53° 55' 3.231" N
302	1° 52' 25.862" E	53° 55' 3.690" N
303	1° 52' 24.562" E	53° 55' 4.171" N
304	1° 52' 23.285" E	53° 55' 4.673" N
305	1° 52' 22.033" E	53° 55' 5.196" N
306	1° 52' 20.806" E	53° 55' 5.739" N
307	1° 52' 19.605" E	53° 55' 6.303" N
308	1° 52' 18.432" E	53° 55' 6.886" N
309	1° 52' 17.286" E	53° 55' 7.488" N
310	1° 52' 16.170" E	53° 55' 8.109" N
311	1° 52' 15.083" E	53° 55' 8.749" N
312	1° 52' 14.028" E	53° 55' 9.406" N
313	1° 52' 13.003" E	53° 55' 10.080" N
314	1° 52' 12.011" E	53° 55' 10.770" N



Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
315	1° 52' 11.053" E	53° 55' 11.477" N
316	1° 52' 10.128" E	53° 55' 12.200" N
317	1° 52' 9.237" E	53° 55' 12.937" N
318	1° 52' 8.383" E	53° 55' 13.689" N
319	1° 51' 32.756" E	53° 55' 45.978" N
320	1° 48' 1.000" E	53° 55' 15.068" N
321	1° 47' 59.506" E	53° 55' 14.862" N
322	1° 47' 58.002" E	53° 55' 14.681" N
323	1° 47' 56.490" E	53° 55' 14.525" N
324	1° 47' 54.971" E	53° 55' 14.395" N
325	1° 47' 53.447" E	53° 55' 14.289" N
326	1° 47' 51.918" E	53° 55' 14.209" N
327	1° 47' 50.386" E	53° 55' 14.154" N
328	1° 47' 48.852" E	53° 55' 14.124" N
329	1° 47' 47.318" E	53° 55' 14.119" N
330	1° 47' 45.783" E	53° 55' 14.140" N
331	1° 47' 44.251" E	53° 55' 14.187" N
332	1° 47' 42.721" E	53° 55' 14.258" N
333	1° 47' 41.195" E	53° 55' 14.355" N
334	1° 47' 39.674" E	53° 55' 14.477" N
335	1° 47' 38.160" E	53° 55' 14.625" N
336	1° 47' 36.653" E	53° 55' 14.797" N
337	1° 47' 35.155" E	53° 55' 14.994" N
338	1° 47' 33.667" E	53° 55' 15.215" N
339	1° 47' 32.190" E	53° 55' 15.462" N
340	1° 47' 30.725" E	53° 55' 15.732" N
341	1° 47' 29.274" E	53° 55' 16.027" N
342	1° 47' 27.837" E	53° 55' 16.345" N
343	1° 47' 26.416" E	53° 55' 16.687" N
344	1° 47' 25.011" E	53° 55' 17.053" N
345	1° 47' 23.625" E	53° 55' 17.441" N
346	1° 47' 22.257" E	53° 55' 17.853" N
347	1° 47' 20.910" E	53° 55' 18.286" N
348	1° 47' 19.584" E	53° 55' 18.742" N
349	1° 47' 18.279" E	53° 55' 19.220" N
350	1° 47' 16.998" E	53° 55' 19.719" N
351	1° 47' 15.742" E	53° 55' 20.239" N
352	1° 47' 14.510" E	53° 55' 20.779" N
353	1° 47' 13.304" E	53° 55' 21.340" N
354	1° 47' 12.126" E	53° 55' 21.920" N
355	1° 47' 10.975" E	53° 55' 22.520" N
356	1° 47' 9.853" E	53° 55' 23.138" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
357	1° 47' 8.762" E	53° 55' 23.775" N
358	1° 47' 7.700" E	53° 55' 24.429" N
359	1° 47' 6.670" E	53° 55' 25.101" N
360	1° 47' 5.673" E	53° 55' 25.789" N
361	1° 47' 4.708" E	53° 55' 26.494" N
362	1° 47' 3.778" E	53° 55' 27.214" N
363	1° 47' 2.882" E	53° 55' 27.950" N
364	1° 47' 2.021" E	53° 55' 28.700" N
365	1° 44' 7.464" E	53° 58' 5.257" N
366	1° 43' 14.584" E	53° 57' 57.459" N
367	1° 44' 31.639" E	53° 56' 47.263" N
368	1° 44' 32.458" E	53° 56' 46.494" N
369	1° 44' 33.239" E	53° 56' 45.711" N
370	1° 44' 33.982" E	53° 56' 44.916" N
371	1° 44' 34.688" E	53° 56' 44.109" N
372	1° 44' 35.355" E	53° 56' 43.291" N
373	1° 44' 35.982" E	53° 56' 42.462" N
374	1° 44' 36.570" E	53° 56' 41.622" N
375	1° 44' 37.118" E	53° 56' 40.774" N
376	1° 44' 37.625" E	53° 56' 39.916" N
377	1° 44' 38.091" E	53° 56' 39.051" N
378	1° 44' 38.516" E	53° 56' 38.178" N
379	1° 44' 38.899" E	53° 56' 37.298" N
380	1° 44' 39.240" E	53° 56' 36.413" N
381	1° 44' 39.539" E	53° 56' 35.522" N
382	1° 44' 39.795" E	53° 56' 34.627" N
383	1° 44' 40.009" E	53° 56' 33.727" N
384	1° 44' 40.179" E	53° 56' 32.825" N
385	1° 44' 40.307" E	53° 56' 31.920" N
386	1° 44' 40.391" E	53° 56' 31.013" N
387	1° 44' 40.433" E	53° 56' 30.105" N
388	1° 44' 40.431" E	53° 56' 29.197" N
389	1° 44' 40.386" E	53° 56' 28.289" N
390	1° 44' 40.298" E	53° 56' 27.383" N
391	1° 44' 40.166" E	53° 56' 26.478" N
392	1° 44' 39.992" E	53° 56' 25.576" N
393	1° 44' 39.775" E	53° 56' 24.677" N
394	1° 44' 39.515" E	53° 56' 23.782" N
395	1° 44' 39.212" E	53° 56' 22.891" N
396	1° 44' 38.868" E	53° 56' 22.006" N
397	1° 44' 38.481" E	53° 56' 21.127" N
398	1° 44' 38.053" E	53° 56' 20.255" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
399	1° 44' 37.583" E	53° 56' 19.390" N
400	1° 44' 37.073" E	53° 56' 18.534" N
401	1° 44' 36.521" E	53° 56' 17.686" N
402	1° 44' 35.930" E	53° 56' 16.847" N
403	1° 44' 35.299" E	53° 56' 16.019" N
404	1° 44' 34.629" E	53° 56' 15.201" N
405	1° 44' 33.921" E	53° 56' 14.395" N
406	1° 44' 33.174" E	53° 56' 13.601" N
407	1° 44' 32.390" E	53° 56' 12.820" N
408	1° 44' 31.569" E	53° 56' 12.052" N
409	1° 44' 30.711" E	53° 56' 11.298" N
410	1° 44' 29.819" E	53° 56' 10.558" N
411	1° 44' 28.891" E	53° 56' 9.833" N
412	1° 44' 27.929" E	53° 56' 9.125" N
413	1° 44' 26.934" E	53° 56' 8.432" N
414	1° 44' 25.906" E	53° 56' 7.756" N
415	1° 44' 24.847" E	53° 56' 7.097" N
416	1° 44' 23.757" E	53° 56' 6.456" N
417	1° 44' 22.636" E	53° 56' 5.834" N
418	1° 44' 21.487" E	53° 56' 5.230" N
419	1° 44' 20.309" E	53° 56' 4.645" N
420	1° 44' 19.104" E	53° 56' 4.081" N
421	1° 44' 17.872" E	53° 56' 3.536" N
422	1° 44' 16.615" E	53° 56' 3.012" N
423	1° 44' 15.334" E	53° 56' 2.509" N
424	1° 44' 14.029" E	53° 56' 2.028" N
425	1° 44' 12.702" E	53° 56' 1.568" N
426	1° 44' 11.354" E	53° 56' 1.130" N
427	1° 44' 9.985" E	53° 56' 0.715" N
428	1° 44' 8.597" E	53° 56' 0.323" N
429	1° 44' 7.191" E	53° 55' 59.954" N
430	1° 44' 5.768" E	53° 55' 59.608" N
431	1° 44' 4.329" E	53° 55' 59.286" N
432	1° 44' 2.875" E	53° 55' 58.988" N
433	1° 44' 1.408" E	53° 55' 58.715" N
434	1° 43' 59.928" E	53° 55' 58.465" N
435	1° 41' 32.784" E	53° 55' 34.953" N
436	1° 40' 44.979" E	53° 54' 57.110" N
437	1° 39' 52.842" E	53° 50' 1.786" N
438	1° 39' 52.663" E	53° 50' 0.893" N
439	1° 39' 52.443" E	53° 50' 0.003" N
440	1° 39' 52.181" E	53° 49' 59.117" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
441	1° 39' 51.877" E	53° 49' 58.236" N
442	1° 39' 51.532" E	53° 49' 57.361" N
443	1° 39' 51.146" E	53° 49' 56.491" N
444	1° 39' 50.719" E	53° 49' 55.628" N
445	1° 39' 50.252" E	53° 49' 54.772" N
446	1° 39' 49.745" E	53° 49' 53.925" N
447	1° 39' 49.198" E	53° 49' 53.086" N
448	1° 39' 48.612" E	53° 49' 52.256" N
449	1° 39' 47.987" E	53° 49' 51.436" N
450	1° 39' 47.324" E	53° 49' 50.627" N
451	1° 39' 46.623" E	53° 49' 49.829" N
452	1° 39' 45.885" E	53° 49' 49.043" N
453	1° 39' 45.111" E	53° 49' 48.269" N
454	1° 39' 44.300" E	53° 49' 47.509" N
455	1° 39' 43.454" E	53° 49' 46.762" N
456	1° 39' 42.573" E	53° 49' 46.029" N
457	1° 39' 41.658" E	53° 49' 45.311" N
458	1° 39' 40.710" E	53° 49' 44.608" N
459	1° 39' 39.729" E	53° 49' 43.921" N
460	1° 39' 38.716" E	53° 49' 43.251" N
461	1° 39' 37.672" E	53° 49' 42.597" N
462	1° 39' 36.598" E	53° 49' 41.961" N
463	1° 39' 35.494" E	53° 49' 41.343" N
464	1° 39' 34.362" E	53° 49' 40.743" N
465	1° 39' 33.201" E	53° 49' 40.162" N
466	1° 39' 32.015" E	53° 49' 39.600" N
467	1° 39' 30.802" E	53° 49' 39.058" N
468	1° 39' 29.564" E	53° 49' 38.536" N
469	1° 39' 28.302" E	53° 49' 38.035" N
470	1° 39' 27.017" E	53° 49' 37.555" N
471	1° 39' 25.710" E	53° 49' 37.096" N
472	1° 39' 24.382" E	53° 49' 36.659" N
473	1° 39' 23.034" E	53° 49' 36.243" N
474	1° 39' 21.667" E	53° 49' 35.850" N
475	1° 39' 20.282" E	53° 49' 35.480" N
476	1° 39' 18.880" E	53° 49' 35.133" N
477	1° 39' 17.462" E	53° 49' 34.808" N
478	1° 39' 16.030" E	53° 49' 34.507" N
479	1° 39' 14.584" E	53° 49' 34.230" N
480	1° 39' 13.126" E	53° 49' 33.977" N
481	1° 39' 11.656" E	53° 49' 33.748" N
482	1° 39' 10.176" E	53° 49' 33.543" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
483	1° 39' 8.687" E	53° 49' 33.362" N
484	1° 39' 7.190" E	53° 49' 33.206" N
485	1° 39' 5.687" E	53° 49' 33.075" N
486	1° 39' 4.178" E	53° 49' 32.969" N
487	1° 39' 2.664" E	53° 49' 32.887" N
488	1° 39' 1.147" E	53° 49' 32.830" N
489	1° 38' 59.628" E	53° 49' 32.798" N
490	1° 38' 58.108" E	53° 49' 32.791" N
491	1° 37' 4.030" E	53° 49' 33.203" N
492	1° 37' 2.975" E	53° 49' 32.416" N
493	1° 36' 59.414" E	53° 49' 30.075" N
494	1° 36' 55.611" E	53° 49' 27.871" N
495	1° 36' 51.582" E	53° 49' 25.813" N
496	1° 36' 47.342" E	53° 49' 23.909" N
497	1° 36' 42.909" E	53° 49' 22.165" N
498	1° 36' 38.300" E	53° 49' 20.590" N
499	1° 36' 33.533" E	53° 49' 19.189" N
500	1° 36' 28.626" E	53° 49' 17.968" N
501	1° 36' 23.600" E	53° 49' 16.931" N
502	1° 36' 18.473" E	53° 49' 16.083" N
503	1° 36' 13.267" E	53° 49' 15.427" N
504	1° 36' 8.002" E	53° 49' 14.966" N
505	1° 36' 2.698" E	53° 49' 14.702" N
506	1° 35' 57.376" E	53° 49' 14.635" N
507	1° 35' 52.058" E	53° 49' 14.765" N
508	1° 35' 46.764" E	53° 49' 15.093" N
509	1° 35' 41.515" E	53° 49' 15.617" N
510	1° 35' 36.333" E	53° 49' 16.335" N
511	1° 35' 31.236" E	53° 49' 17.244" N
512	1° 35' 26.246" E	53° 49' 18.340" N
513	1° 35' 21.382" E	53° 49' 19.620" N
514	1° 35' 16.664" E	53° 49' 21.077" N
515	1° 35' 12.109" E	53° 49' 22.707" N
516	1° 35' 8.983" E	53° 49' 23.992" N
517	1° 29' 12.354" E	53° 49' 30.305" N
518	1° 29' 12.230" E	53° 49' 33.453" N
519	1° 29' 12.306" E	53° 49' 34.587" N
520	1° 26' 59.785" E	53° 49' 34.883" N
521	1° 26' 58.265" E	53° 49' 34.898" N
522	1° 26' 56.746" E	53° 49' 34.939" N
523	1° 26' 55.230" E	53° 49' 35.005" N
524	1° 26' 53.717" E	53° 49' 35.095" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
525	1° 26' 52.209" E	53° 49' 35.211" N
526	1° 26' 50.707" E	53° 49' 35.351" N
527	1° 26' 49.213" E	53° 49' 35.515" N
528	1° 26' 47.726" E	53° 49' 35.705" N
529	1° 26' 46.249" E	53° 49' 35.918" N
530	1° 26' 44.783" E	53° 49' 36.156" N
531	1° 26' 43.329" E	53° 49' 36.418" N
532	1° 26' 41.887" E	53° 49' 36.704" N
533	1° 26' 40.459" E	53° 49' 37.013" N
534	1° 26' 39.047" E	53° 49' 37.346" N
535	1° 26' 37.650" E	53° 49' 37.702" N
536	1° 26' 36.271" E	53° 49' 38.081" N
537	1° 26' 34.910" E	53° 49' 38.482" N
538	1° 26' 33.569" E	53° 49' 38.905" N
539	1° 26' 32.248" E	53° 49' 39.350" N
540	1° 26' 30.948" E	53° 49' 39.817" N
541	1° 26' 29.671" E	53° 49' 40.305" N
542	1° 26' 28.417" E	53° 49' 40.814" N
543	1° 26' 27.188" E	53° 49' 41.344" N
544	1° 26' 25.984" E	53° 49' 41.893" N
545	1° 26' 24.806" E	53° 49' 42.462" N
546	1° 26' 23.655" E	53° 49' 43.050" N
547	1° 26' 22.533" E	53° 49' 43.657" N
548	1° 26' 21.439" E	53° 49' 44.282" N
549	1° 26' 20.376" E	53° 49' 44.924" N
550	1° 26' 19.343" E	53° 49' 45.584" N
551	1° 26' 18.341" E	53° 49' 46.261" N
552	1° 26' 17.371" E	53° 49' 46.954" N
553	1° 26' 16.435" E	53° 49' 47.663" N
554	1° 26' 15.532" E	53° 49' 48.386" N
555	1° 26' 14.663" E	53° 49' 49.125" N
556	1° 26' 13.830" E	53° 49' 49.877" N
557	1° 26' 13.032" E	53° 49' 50.643" N
558	1° 26' 12.270" E	53° 49' 51.421" N
559	1° 26' 11.546" E	53° 49' 52.212" N
560	1° 26' 10.859" E	53° 49' 53.015" N
561	1° 26' 10.209" E	53° 49' 53.828" N
562	1° 26' 9.599" E	53° 49' 54.652" N
563	1° 26' 9.027" E	53° 49' 55.485" N
564	1° 26' 8.494" E	53° 49' 56.328" N
565	1° 26' 8.002" E	53° 49' 57.179" N
566	1° 26' 7.549" E	53° 49' 58.037" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
567	1° 26' 7.138" E	53° 49' 58.903" N
568	1° 26' 6.767" E	53° 49' 59.776" N
569	1° 26' 6.437" E	53° 50' 0.654" N
570	1° 26' 6.148" E	53° 50' 1.537" N
571	1° 26' 5.901" E	53° 50' 2.424" N
572	1° 26' 5.696" E	53° 50' 3.316" N
573	1° 26' 5.533" E	53° 50' 4.210" N
574	1° 26' 5.412" E	53° 50' 5.107" N
575	1° 26' 5.334" E	53° 50' 6.005" N
576	1° 25' 25.147" E	54° 0' 30.416" N
577	1° 25' 25.110" E	54° 0' 31.329" N
578	1° 25' 25.117" E	54° 0' 32.242" N
579	1° 25' 25.167" E	54° 0' 33.155" N
580	1° 25' 25.261" E	54° 0' 34.066" N
581	1° 25' 25.399" E	54° 0' 34.976" N
582	1° 25' 25.580" E	54° 0' 35.883" N
583	1° 25' 25.805" E	54° 0' 36.786" N
584	1° 25' 26.073" E	54° 0' 37.685" N
585	1° 25' 26.384" E	54° 0' 38.580" N
586	1° 25' 26.737" E	54° 0' 39.469" N
587	1° 25' 27.134" E	54° 0' 40.352" N
588	1° 25' 27.572" E	54° 0' 41.228" N
589	1° 25' 28.052" E	54° 0' 42.096" N
590	1° 25' 28.573" E	54° 0' 42.956" N
591	1° 25' 29.136" E	54° 0' 43.806" N
592	1° 25' 29.739" E	54° 0' 44.648" N
593	1° 25' 30.382" E	54° 0' 45.478" N
594	1° 25' 31.065" E	54° 0' 46.298" N
595	1° 25' 31.787" E	54° 0' 47.106" N
596	1° 25' 32.547" E	54° 0' 47.902" N
597	1° 25' 33.345" E	54° 0' 48.685" N
598	1° 25' 34.180" E	54° 0' 49.454" N
599	1° 25' 35.052" E	54° 0' 50.209" N
600	1° 25' 35.960" E	54° 0' 50.949" N
601	1° 25' 36.902" E	54° 0' 51.674" N
602	1° 25' 37.880" E	54° 0' 52.383" N
603	1° 25' 38.890" E	54° 0' 53.076" N
604	1° 25' 39.934" E	54° 0' 53.751" N
605	1° 25' 41.009" E	54° 0' 54.408" N
606	1° 25' 42.116" E	54° 0' 55.048" N
607	1° 25' 43.253" E	54° 0' 55.669" N
608	1° 25' 44.419" E	54° 0' 56.271" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
609	1° 25' 45.614" E	54° 0' 56.853" N
610	1° 25' 46.835" E	54° 0' 57.415" N
611	1° 25' 48.084" E	54° 0' 57.956" N
612	1° 25' 49.358" E	54° 0' 58.477" N
613	1° 25' 50.656" E	54° 0' 58.976" N
614	1° 25' 51.978" E	54° 0' 59.453" N
615	1° 25' 53.322" E	54° 0' 59.908" N
616	1° 25' 54.687" E	54° 1' 0.341" N
617	1° 25' 56.073" E	54° 1' 0.750" N
618	1° 25' 57.478" E	54° 1' 1.137" N
619	1° 25' 58.900" E	54° 1' 1.500" N
620	1° 26' 0.340" E	54° 1' 1.839" N
621	1° 26' 1.795" E	54° 1' 2.154" N
622	1° 26' 3.265" E	54° 1' 2.445" N
623	1° 26' 4.748" E	54° 1' 2.711" N
624	1° 26' 6.243" E	54° 1' 2.953" N
625	1° 26' 7.749" E	54° 1' 3.169" N
626	1° 26' 9.265" E	54° 1' 3.361" N
627	1° 26' 10.790" E	54° 1' 3.527" N
628	1° 26' 12.322" E	54° 1' 3.668" N
629	1° 26' 13.860" E	54° 1' 3.783" N
630	1° 26' 15.403" E	54° 1' 3.872" N
631	1° 26' 16.950" E	54° 1' 3.936" N
632	1° 26' 18.499" E	54° 1' 3.974" N
633	1° 26' 20.049" E	54° 1' 3.987" N
634	1° 26' 21.600" E	54° 1' 3.973" N
635	1° 38' 38.022" E	54° 0' 50.840" N
636	1° 38' 39.085" E	54° 0' 50.822" N
637	1° 38' 39.575" E	54° 0' 50.813" N
638	1° 38' 39.748" E	54° 0' 50.808" N
639	1° 40' 24.314" E	54° 0' 48.097" N
640	2° 3' 48.686" E	54° 0' 9.245" N
641	2° 3' 50.235" E	54° 0' 9.187" N
642	2° 3' 51.780" E	54° 0' 9.103" N
643	2° 3' 53.321" E	54° 0' 8.993" N
644	2° 3' 54.855" E	54° 0' 8.857" N
645	2° 3' 56.383" E	54° 0' 8.697" N
646	2° 3' 57.902" E	54° 0' 8.510" N
647	2° 3' 59.412" E	54° 0' 8.299" N
648	2° 4' 0.911" E	54° 0' 8.062" N
649	2° 4' 2.398" E	54° 0' 7.801" N
650	2° 4' 3.872" E	54° 0' 7.515" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
651	2° 4' 5.331" E	54° 0' 7.204" N
652	2° 4' 6.775" E	54° 0' 6.870" N
653	2° 4' 8.203" E	54° 0' 6.511" N
654	2° 4' 9.612" E	54° 0' 6.129" N
655	2° 4' 11.003" E	54° 0' 5.723" N
656	2° 4' 12.374" E	54° 0' 5.295" N
657	2° 4' 13.723" E	54° 0' 4.843" N
658	2° 4' 15.051" E	54° 0' 4.370" N
659	2° 4' 16.355" E	54° 0' 3.875" N
660	2° 4' 17.635" E	54° 0' 3.358" N
661	2° 4' 18.889" E	54° 0' 2.820" N
662	2° 4' 20.117" E	54° 0' 2.261" N

Point ID	Longitude WGS84 DMS	Latitude WGS84 DMS
663	2° 4' 21.318" E	54° 0' 1.682" N
664	2° 4' 22.491" E	54° 0' 1.083" N
665	2° 4' 23.634" E	54° 0' 0.465" N
666	2° 4' 24.748" E	53° 59' 59.828" N
667	2° 4' 25.830" E	53° 59' 59.173" N
668	2° 4' 26.881" E	53° 59' 58.500" N
669	2° 4' 27.898" E	53° 59' 57.810" N
670	2° 4' 28.883" E	53° 59' 57.104" N
671	2° 4' 29.832" E	53° 59' 56.381" N
672	2° 4' 30.747" E	53° 59' 55.642" N
673	2° 4' 31.626" E	53° 59' 54.889" N
674	2° 4' 32.469" E	53° 59' 54.121" N

## 8. DISTRIBUTION LIST

ABP Ports	<a href="mailto:cjefferson@abports.co.uk">cjefferson@abports.co.uk</a> <a href="mailto:afirman@abports.co.uk">afirman@abports.co.uk</a> <a href="mailto:hesvts@abports.co.uk">hesvts@abports.co.uk</a>
BEIS	<a href="mailto:beiseip@beis.gov.uk">beiseip@beis.gov.uk</a> ;
BP	<a href="mailto:Andrew.Steele@uk.bp.com">Andrew.Steele@uk.bp.com</a> <a href="mailto:sandra.turin@uk.bp.com">sandra.turin@uk.bp.com</a>
CEFAS	<a href="mailto:jon.rees@cefass.co.uk">jon.rees@cefass.co.uk</a> <a href="mailto:Keith.Cooper@cefass.co.uk">Keith.Cooper@cefass.co.uk</a>
Centrica / Spirit Energy	<a href="mailto:john.watson@spirit-energy.com">john.watson@spirit-energy.com</a> ; <a href="mailto:max.rowe@spirit-energy.com">max.rowe@spirit-energy.com</a> ; <a href="mailto:julie.hardie@centrica.com">julie.hardie@centrica.com</a> ;
ConocoPhillips	<a href="mailto:Karen.Morrison@conocophillips.com">Karen.Morrison@conocophillips.com</a> ; <a href="mailto:Kingsley.Anunobi@contractor.conocophillips.com">Kingsley.Anunobi@contractor.conocophillips.com</a> ; <a href="mailto:Stuart.C.Brookes@conocophillips.com">Stuart.C.Brookes@conocophillips.com</a> <a href="mailto:liam.R.williams@conocophillips.com">liam.R.williams@conocophillips.com</a> <a href="mailto:Alan.MacDonald@contractor.conocophillips.com">Alan.MacDonald@contractor.conocophillips.com</a> ; <a href="mailto:LogisticsMarineUK@conocophillips.com">LogisticsMarineUK@conocophillips.com</a> ; <a href="mailto:Richard.Pierce@contractor.conocophillips.com">Richard.Pierce@contractor.conocophillips.com</a> ; <a href="mailto:RSCLogisticsMarineController@conocophillips.com">RSCLogisticsMarineController@conocophillips.com</a> ;
The Crown Estate	<a href="mailto:Stuart.Curry@thecrownestate.co.uk">Stuart.Curry@thecrownestate.co.uk</a> ;
DEFRA (Eastern Fisheries Inspectorate Lowestoft)	<a href="mailto:lowestoft@mfa.gsi.gov.uk">lowestoft@mfa.gsi.gov.uk</a> ;
DFDS	<a href="mailto:roy.kersey@dfds.com">roy.kersey@dfds.com</a> ; <a href="mailto:richard.berglarsen@dfds.com">richard.berglarsen@dfds.com</a> ;
DIO SD Trg-E Holbeach TSO (Lawrence, Christa Sqn Ldr)	<a href="mailto:DIOSDTrg-EHolbeachTSO@mod.uk">DIOSDTrg-EHolbeachTSO@mod.uk</a> ;
DNK-ATCSNCO2 (Philpot, Jonathan FS)	<a href="mailto:DNK-ATCSNCO2@mod.uk">DNK-ATCSNCO2@mod.uk</a> ;
Eastern IFCA	<a href="mailto:mail@eastern-ifca.gov.uk">mail@eastern-ifca.gov.uk</a> ;
East Port UK	<a href="mailto:harbouroffice@eastportuk.co.uk">harbouroffice@eastportuk.co.uk</a> ;
East Riding Council	<a href="mailto:david.mccandless@eastriding.gov.uk">david.mccandless@eastriding.gov.uk</a> ;
ENGIE (Neptune Energy)	<a href="mailto:pierre.girard@neptuneenergy.com">pierre.girard@neptuneenergy.com</a> ;
HM Coastguard	<a href="mailto:zone8@hmcg.gov.uk">zone8@hmcg.gov.uk</a> ; <a href="mailto:zone9@hmcg.gov.uk">zone9@hmcg.gov.uk</a> ;
HOW01	<a href="mailto:BRYBR@orsted.co.uk">BRYBR@orsted.co.uk</a> ; <a href="mailto:XPHPO@orsted.co.uk">XPHPO@orsted.co.uk</a> ; <a href="mailto:KAZAM@orsted.co.uk">KAZAM@orsted.co.uk</a> ;
HOW02	<a href="mailto:NATLI@orsted.co.uk">NATLI@orsted.co.uk</a> ; <a href="mailto:CONFR@orsted.co.uk">CONFR@orsted.co.uk</a> ; <a href="mailto:FELFR@orsted.co.uk">FELFR@orsted.co.uk</a> ;
HOW03	<a href="mailto:FELBR@orsted.co.uk">FELBR@orsted.co.uk</a> ;
HOW02 Fisheries Liaison Officer (Onshore)	<a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a> ;
Ineos	<a href="mailto:phillip.jones@ineos.com">phillip.jones@ineos.com</a> ; <a href="mailto:mark.yates@ineos.com">mark.yates@ineos.com</a> ; <a href="mailto:Andrew.Mann@ineos.com">Andrew.Mann@ineos.com</a> ;



Kingfisher Information Services	<a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</a> ;
Kings Lynn Port Authority	<a href="mailto:harbourmaster@portauthoritykingslynn.fsnet.co.uk">harbourmaster@portauthoritykingslynn.fsnet.co.uk</a> ;
MCA	<a href="mailto:Peter.lowson@mcga.gov.uk">Peter.lowson@mcga.gov.uk</a> ;
MCA (Navigation Safety)	<a href="mailto:navigationsafety@mcga.gov.uk">navigationsafety@mcga.gov.uk</a> ;
Marine Management Organisation (MMO)	<a href="mailto:Emma.Toogood@marinemanagement.org.uk">Emma.Toogood@marinemanagement.org.uk</a> ;
MMO	<a href="mailto:marine.consents@marinemanagement.org.uk">marine.consents@marinemanagement.org.uk</a> ;
MMO (Grimsby)	<a href="mailto:grimsby@marinemanagement.org.uk">grimsby@marinemanagement.org.uk</a> ;
MMO (Harwich)	<a href="mailto:harwich@marinemanagement.org.uk">harwich@marinemanagement.org.uk</a> ;
MMO (North Shields)	<a href="mailto:northshields@marinemanagement.org.uk">northshields@marinemanagement.org.uk</a> ;
MMO (Lowestoft)	<a href="mailto:lowestoft@marinemanagement.org.uk">lowestoft@marinemanagement.org.uk</a>
National Federation of Fishermen's Organisations	<a href="mailto:nffo@nffo.org.uk">nffo@nffo.org.uk</a> ;
North Eastern IFCA	<a href="mailto:ne-ifca@eastriding.gov.uk">ne-ifca@eastriding.gov.uk</a> ;
North IFCA	<a href="mailto:nifca@nifca.gov.uk">nifca@nifca.gov.uk</a> ;
Perenco	<a href="mailto:asanders@uk.perenco.com">asanders@uk.perenco.com</a> ; <a href="mailto:glund@uk.perenco.com">glund@uk.perenco.com</a> ; <a href="mailto:redwards@uk.perenco.com">redwards@uk.perenco.com</a> ;
Port of Boston	<a href="mailto:rwalker@portofboston.co.uk">rwalker@portofboston.co.uk</a> ;
P&O Ferries	<a href="mailto:grant.laversuch@poferries.com">grant.laversuch@poferries.com</a> ; <a href="mailto:captain.po.york@poferries.com">captain.po.york@poferries.com</a> ; <a href="mailto:captain.po.rotterdam@poferries.com">captain.po.rotterdam@poferries.com</a> ; <a href="mailto:captain.po.bruges@poferries.com">captain.po.bruges@poferries.com</a> ;
Premier Oil	<a href="mailto:lwest@PREMIER-OIL.com">lwest@PREMIER-OIL.com</a> ;
RNLI (Flamborough Lifeboat)	<a href="mailto:flamborough@rnli.org.uk">flamborough@rnli.org.uk</a> ;
RNLI (Skegness Lifeboat Station)	<a href="mailto:Skegness@rnli.org.uk">Skegness@rnli.org.uk</a> ;
RNLI (Scarborough Lifeboat)	<a href="mailto:scarborough@rnli.org.uk">scarborough@rnli.org.uk</a> ;
RNLI (Spurn Head)	<a href="mailto:humber@rnli.org.uk">humber@rnli.org.uk</a> ;
RNLI (Whitby Lifeboat)	<a href="mailto:whitby@rnli.org.uk">whitby@rnli.org.uk</a> ; <a href="mailto:coxswain@wellslifeboat.org">coxswain@wellslifeboat.org</a> ;
RYA	<a href="mailto:cruising@rya.org.uk">cruising@rya.org.uk</a> ;
Shell	<a href="mailto:UKDCC-Supervisor@shell.com">UKDCC-Supervisor@shell.com</a> ; <a href="mailto:SUKEP-Marine-Services@shell.com">SUKEP-Marine-Services@shell.com</a> ; <a href="mailto:sandy.smith@shell.com">sandy.smith@shell.com</a> ;
Specialist Marine Services	<a href="mailto:simonp@smchse.com">simonp@smchse.com</a> ;
Trinity House Navigation	<a href="mailto:Navigation.directorate@thls.org">Navigation.directorate@thls.org</a> ; <a href="mailto:martin.thomas@thls.org">martin.thomas@thls.org</a> ;
Tullow Oil	<a href="mailto:ian.manners@tulloil.com">ian.manners@tulloil.com</a> ;
UKHO (NTMs)	<a href="mailto:SDR@ukho.gov.uk">SDR@ukho.gov.uk</a> ; <a href="mailto:offshore.energy@ukho.gov.uk">offshore.energy@ukho.gov.uk</a> ; <a href="mailto:Ray.Paice@UKHO.gov.uk">Ray.Paice@UKHO.gov.uk</a> ;
UKHO (Navigational Warnings)	<a href="mailto:Navwarnings@btconnect.com">Navwarnings@btconnect.com</a> ;
Wells Harbour	<a href="mailto:harbouroffice@wellsharbour.co.uk">harbouroffice@wellsharbour.co.uk</a> ;