



# Notice to Mariners – Hornsea Project Two

## Notice of Export Cable Installation Activities – Vessel details – 24/08/2021

### 1. SUMMARY OF OPERATIONS

<b>Activity update:</b>	Vessels mobilising to site
<b>General activity:</b>	Export Cable Installation – Hornsea Project Two Offshore Wind Farm
<b>Location:</b>	Export Cable Route (as shown in Figure 2)
<b>Contractor:</b>	Boskalis
<b>Updated vessels:</b>	Shoalway (further details provided in Section 5)
<b>Proposed start date:</b>	2 <sup>nd</sup> September 2021
<b>Proposed end date:</b>	End of works Q4 2021 (intermittent & continual)
<b>Notes:</b>	These works will be carried out alongside ongoing survey and construction activities for Hornsea Project Two.

Mariners are advised that MaxSea and Olex plotter files of the proposed works area 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 4 of this Notice.

### 2. HAZARDS & SAFETY

Boskalis are temporarily wet storing cables at the RCS and the OSS. A guard vessel will be present, subject to safe weather conditions, whilst the cables are wet-stored but it is advised that mariners maintain a safe clearance.

Note that the vessels will have limited manoeuvrability, some vessels will be operating on anchors, and it is requested that all vessels operating near the vessels maintain a safe distance (at least 500m) and pass all vessels at minimum speed.

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the works area that could be damaged or form a hazard to the 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 2 and described in Section 6 of this Notice. A listening watch is maintained on VHF Channel 12 and 16 when within the appropriate port authority area and will actively transmit an AIS signal.

Figure 1. Cable remedials location

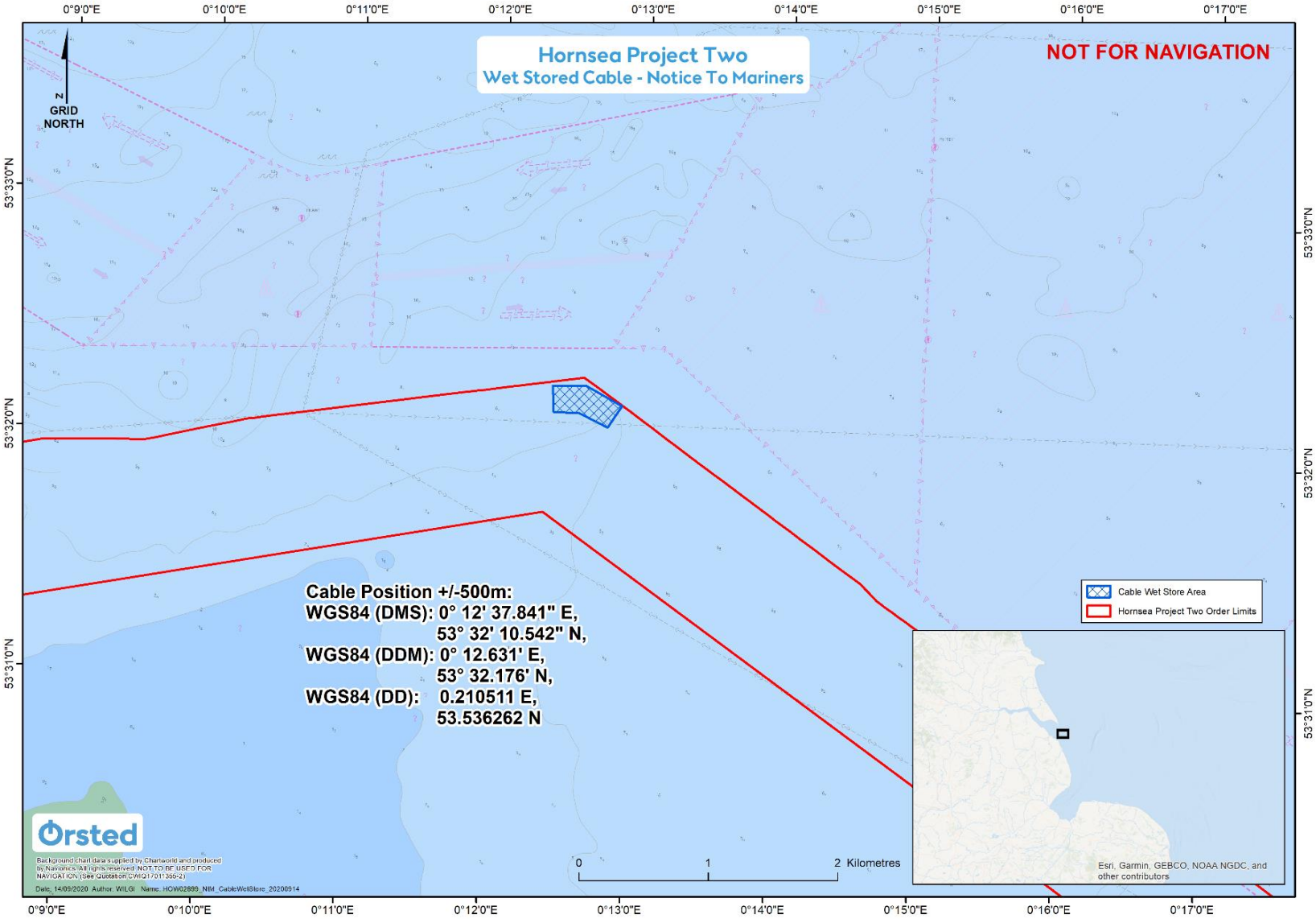
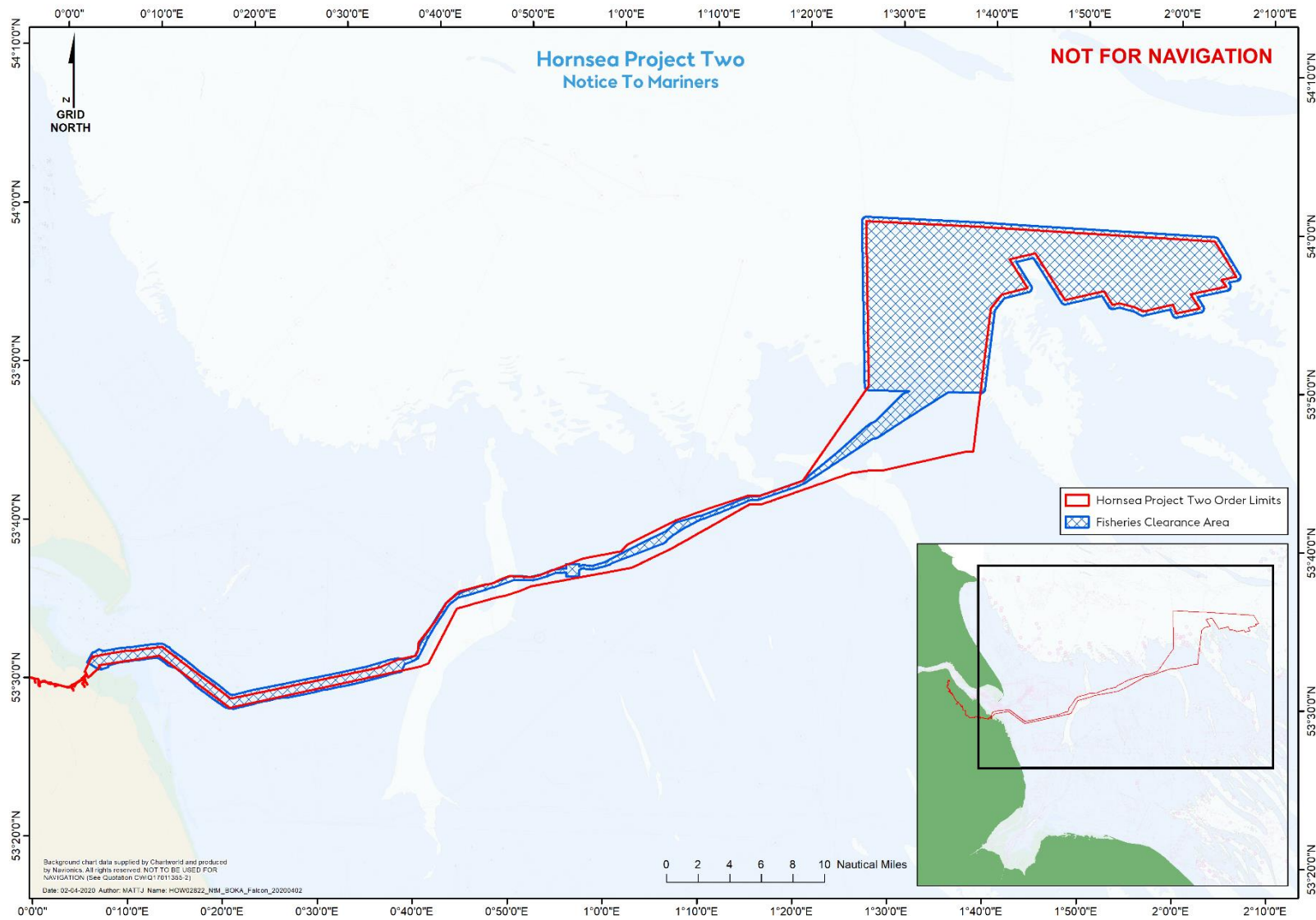


Figure 2. Proposed Construction Area



### 3. IMMEDIATE CONTACTS

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

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

<b>Project Manager (Ørsted)</b> (Office hours only)	Richard Irving	
	Tel: +44 78 5 4276523	E-mail: <a href="mailto:ricir@orsted.co.uk">ricir@orsted.co.uk</a>
<b>Project Manager (Boskalis)</b> (Office hours only)	Steve Marshall	
	Tel: +44 7970 750 385	E-mail: <a href="mailto:steve.marshall@boskalis.com">steve.marshall@boskalis.com</a>

### 4. FISHERIES LIAISON

Onshore Fisheries Liaison is provided by Nick Garside and Sophie Farenden 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:sophie.farenden@brownmay.com">sophie.farenden@brownmay.com</a>	Mob: +44 (0)7525 128344




An Offshore Fisheries Liaison Officer is onboard the Emswind Guard Vessel and is expected to be on the Boka Falcon when mobilised, contactable on VHF channel 16, if required.

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





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

Operations will be conducted by a number of vessels as provided below. Additional vessels may mobilise to site as required. Contact can be made directly with the vessels, where necessary, using the contact details listed below. This Notice will be updated with further contact details once confirmed. Client and contractor contact details are provided in Section 3 and 4 of this NtM.

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
<p><b>MCS Blue Norther</b></p> 	Crew Transfer Vessel	Bridge: Mob - +44 7876 861745 Sat: VSAT: +44 1475 830766	<a href="mailto:mcsbluenorther@maritimecraft.co.uk">mcsbluenorther@maritimecraft.co.uk</a>	2GDD5	235096374
<p><b>Rockpiper</b></p> 	Post-Lay Rock Installation	Bridge: +31 78 80 80 273 Captain: +31 78 80 80 262 Sat: +87 07 73 1879 51	<a href="mailto:rockpiper-bridge@boskalis.com">rockpiper-bridge@boskalis.com</a> <a href="mailto:rockpiper-captain@boskalis.com">rockpiper-captain@boskalis.com</a>	5BML3	209449000
<p><b>Boka Falcon</b></p> 	Cable trenching and burial	+31 788 080 929	<a href="mailto:bokafalcon-bridge@boskalis.com">bokafalcon-bridge@boskalis.com</a>	ORTD	205787000
<p><b>Spirit</b></p> 	Cable installation and burial	Phone: +31655324243 SAT: +31788080209	<a href="mailto:spirit-captain@boskalis.com">spirit-captain@boskalis.com</a>	5BWK4	212471000



Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
<b>Titan Endeavour</b> 	Nearshore Survey	+44 (0)7867 552553	<a href="mailto:Titan.Endeavour@titansurveys.com">Titan.Endeavour@titansurveys.com</a>	2ELT9	235086211
<b>Ivero</b> 	Farshore survey	Mob: +44 (0)7917 477672 Fleet: +870 773 991 015	<a href="mailto:master@ivero.gardline.co.uk">master@ivero.gardline.co.uk</a>	MCJ03	232013165
<b>Adventure</b> 	Guard Vessel	+44 (0) 1947 750717	<a href="mailto:gvadventure@gmail.com">gvadventure@gmail.com</a>	2IFE4	235109237
<b>Resilient</b> 	Guard Vessel	+44 (0) 2841140788	<a href="mailto:gvresilient@gmail.com">gvresilient@gmail.com</a>	GSSE9	232711000
<b>Island Valiant</b> <span style="position: absolute; left: -100px; top: 50px;">8</span>	Offshore CFE	+47 23 67 43 04/05	<a href="mailto:captain@valiant.islandoffshore.com">captain@valiant.islandoffshore.com</a>	JWMY	259367000

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
					
<p data-bbox="315 533 434 560"><b>Shoalway</b></p> 	Dredging vessel	VSAT: C 1421211151 Mobile phone: +31612516761	shoalway-captain@boskalis.com, <a href="mailto:shoalway-crew@boskalis.com">shoalway-crew@boskalis.com</a>	5BYP2	212115000

## 6. COORDINATES

### Exposed cable joint coordinates

Cable activity location	Latitude (DDM) (WGS84)	Longitude (DDM) (WGS84)	Latitude (DD) (WGS84)	Longitude (DD) (WGS84)
Figure 1 – cable joint	53° 32.176' N	0° 12.631' E	53.536262 N	0.210511 E

### Shown in Figure 3 – Proposed construction area

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 59' 47,212" N	2° 4' 13,879" E
53° 57' 33,751" N	2° 6' 35,650" E
53° 57' 15,701" N	2° 6' 36,035" E
53° 57' 6,478" N	2° 6' 18,896" E
53° 56' 59,777" N	2° 5' 28,497" E
53° 56' 42,915" N	2° 5' 36,351" E
53° 56' 28,883" N	2° 5' 17,519" E
53° 56' 3,483" N	2° 2' 8,588" E
53° 55' 27,479" N	2° 2' 46,083" E
53° 55' 15,410" N	2° 2' 44,720" E
53° 55' 6,438" N	2° 2' 32,255" E
53° 54' 43,304" N	1° 59' 50,397" E
53° 54' 49,180" N	1° 59' 21,898" E
53° 55' 12,752" N	1° 59' 2,060" E
53° 54' 48,758" N	1° 56' 10,242" E
53° 55' 4,977" N	1° 55' 8,846" E
53° 55' 17,637" N	1° 53' 38,207" E
53° 55' 12,551" N	1° 52' 45,906" E
53° 55' 19,225" N	1° 52' 28,565" E
53° 56' 0,723" N	1° 51' 42,606" E
53° 55' 28,077" N	1° 47' 37,142" E
53° 55' 35,546" N	1° 47' 20,574" E
53° 58' 20,012" N	1° 44' 17,211" E
53° 58' 5,598" N	1° 42' 39,466" E
53° 56' 39,567" N	1° 44' 13,897" E
53° 56' 25,332" N	1° 44' 17,657" E
53° 56' 11,448" N	1° 43' 56,913" E
53° 55' 46,244" N	1° 41' 19,719" E
53° 55' 1,973" N	1° 40' 23,796" E
53° 50' 2,447" N	1° 39' 30,939" E
53° 49' 49,003" N	1° 39' 16,731" E
53° 49' 46,428" N	1° 35' 32,259" E
53° 46' 48,702" N	1° 28' 4,620" E
53° 46' 42,946" N	1° 27' 31,338" E
53° 43' 49,843" N	1° 20' 24,581" E
53° 42' 44,084" N	1° 15' 38,529" E

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 42' 41,344" N	1° 14' 42,628" E
53° 41' 21,520" N	1° 9' 20,997" E
53° 40' 22,700" N	1° 6' 37,474" E
53° 39' 47,066" N	1° 5' 28,175" E
53° 38' 16,403" N	0° 59' 25,479" E
53° 38' 2,077" N	0° 57' 59,391" E
53° 38' 4,166" N	0° 56' 57,224" E
53° 37' 58,937" N	0° 56' 42,467" E
53° 37' 33,594" N	0° 56' 40,248" E
53° 37' 31,948" N	0° 55' 15,847" E
53° 37' 47,540" N	0° 55' 10,458" E
53° 37' 44,942" N	0° 54' 9,203" E
53° 37' 14,693" N	0° 51' 46,505" E
53° 37' 14,455" N	0° 49' 47,661" E
53° 36' 44,170" N	0° 47' 39,734" E
53° 36' 0,540" N	0° 43' 53,312" E
53° 35' 29,375" N	0° 42' 55,137" E
53° 33' 22,426" N	0° 40' 48,516" E
53° 32' 7,546" N	0° 39' 51,893" E
53° 31' 43,170" N	0° 38' 30,952" E
53° 31' 12,017" N	0° 38' 4,665" E
53° 30' 18,230" N	0° 32' 55,750" E
53° 29' 22,551" N	0° 26' 30,856" E
53° 29' 12,115" N	0° 24' 45,142" E
53° 28' 29,570" N	0° 20' 21,581" E
53° 28' 37,086" N	0° 19' 22,247" E
53° 29' 50,796" N	0° 16' 18,425" E
53° 30' 54,775" N	0° 14' 10,391" E
53° 31' 2,707" N	0° 13' 24,903" E
53° 31' 31,865" N	0° 12' 8,960" E
53° 31' 8,839" N	0° 8' 14,664" E
53° 30' 56,336" N	0° 7' 6,528" E
53° 30' 48,777" N	0° 7' 1,728" E
53° 30' 39,121" N	0° 6' 17,311" E
53° 30' 39,405" N	0° 5' 52,891" E
53° 31' 5,230" N	0° 4' 40,609" E



Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 31' 48,148" N	0° 5' 14,392" E
53° 32' 0,611" N	0° 5' 54,673" E
53° 31' 55,416" N	0° 6' 23,153" E
53° 32' 11,157" N	0° 8' 27,502" E
53° 32' 31,751" N	0° 12' 37,383" E
53° 32' 19,716" N	0° 13' 26,968" E
53° 32' 8,099" N	0° 13' 44,182" E
53° 29' 28,003" N	0° 20' 8,972" E
53° 31' 7,268" N	0° 31' 29,653" E
53° 31' 33,595" N	0° 34' 20,769" E
53° 32' 0,629" N	0° 36' 36,759" E
53° 32' 9,093" N	0° 37' 40,901" E
53° 32' 4,863" N	0° 38' 20,144" E
53° 32' 20,102" N	0° 39' 23,807" E
53° 33' 35,071" N	0° 40' 20,327" E
53° 35' 40,809" N	0° 42' 26,986" E
53° 36' 18,396" N	0° 43' 39,237" E
53° 36' 44,069" N	0° 45' 23,338" E
53° 37' 7,109" N	0° 47' 34,987" E
53° 37' 33,029" N	0° 49' 10,746" E
53° 37' 33,513" N	0° 51' 28,386" E
53° 38' 2,090" N	0° 53' 44,466" E
53° 38' 9,119" N	0° 55' 9,396" E
53° 38' 26,805" N	0° 55' 12,814" E
53° 38' 28,306" N	0° 56' 36,030" E
53° 38' 20,125" N	0° 56' 41,437" E
53° 38' 24,187" N	0° 57' 1,622" E
53° 38' 21,625" N	0° 57' 55,787" E
53° 38' 37,874" N	0° 59' 18,954" E
53° 40' 39,445" N	1° 5' 39,744" E
53° 41' 15,927" N	1° 6' 49,625" E
53° 41' 48,180" N	1° 9' 45,281" E
53° 43' 0,796" N	1° 14' 34,354" E
53° 43' 3,158" N	1° 15' 27,373" E
53° 44' 5,955" N	1° 20' 8,767" E
53° 45' 51,124" N	1° 23' 36,801" E
53° 47' 35,307" N	1° 26' 46,815" E
53° 47' 58,031" N	1° 27' 46,976" E
53° 49' 40,483" N	1° 30' 32,038" E
53° 49' 47,250" N	1° 30' 53,561" E
53° 49' 47,882" N	1° 26' 56,955" E
53° 49' 52,264" N	1° 26' 39,020" E
53° 50' 2,497" N	1° 26' 28,120" E
54° 0' 31,528" N	1° 25' 47,038" E
54° 0' 42,580" N	1° 25' 52,784" E

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
54° 0' 49,685" N	1° 26' 7,903" E
54° 0' 37,879" N	1° 38' 38,420" E
53° 59' 56,311" N	2° 3' 47,577" E
53° 59' 47,212" N	2° 4' 13,879" E