



Notice to Mariners – Hornsea Project Two

Notice of Export Cable Installation Activities – Vessel details – 28/07/2021

1. SUMMARY OF OPERATIONS

Activity update:	Vessels mobilising to site
General activity:	Export Cable Installation – Hornsea Project Two Offshore Wind Farm
Location:	Export Cable Route (as shown in Figure 2)
Contractor:	Boskalis
Updated vessels:	Island Valiant (further details provided in Section 5)
Proposed start date:	10 th August 2021
Proposed end date:	End of works Q4 2021 (intermittent & continual)
Notes:	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

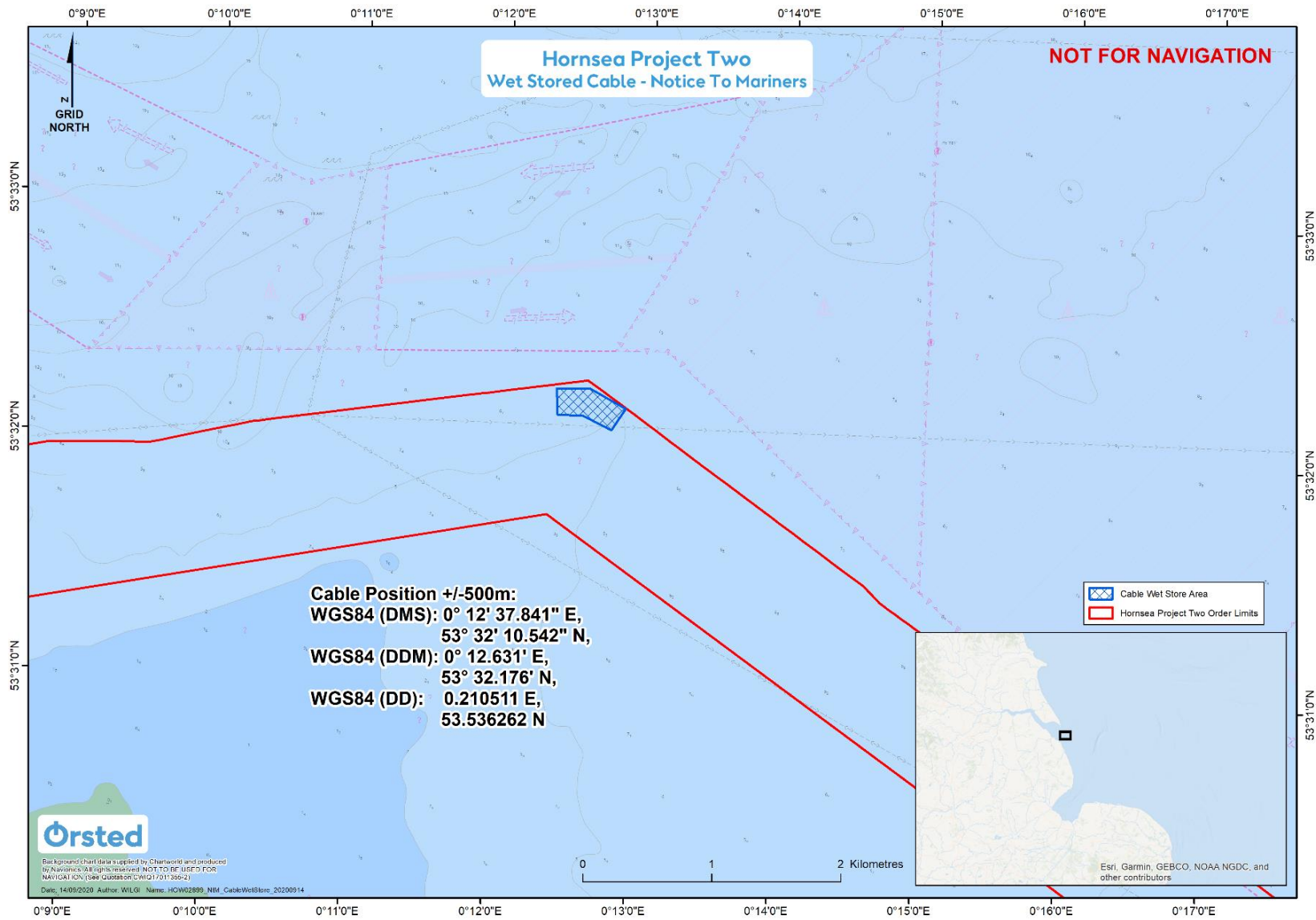
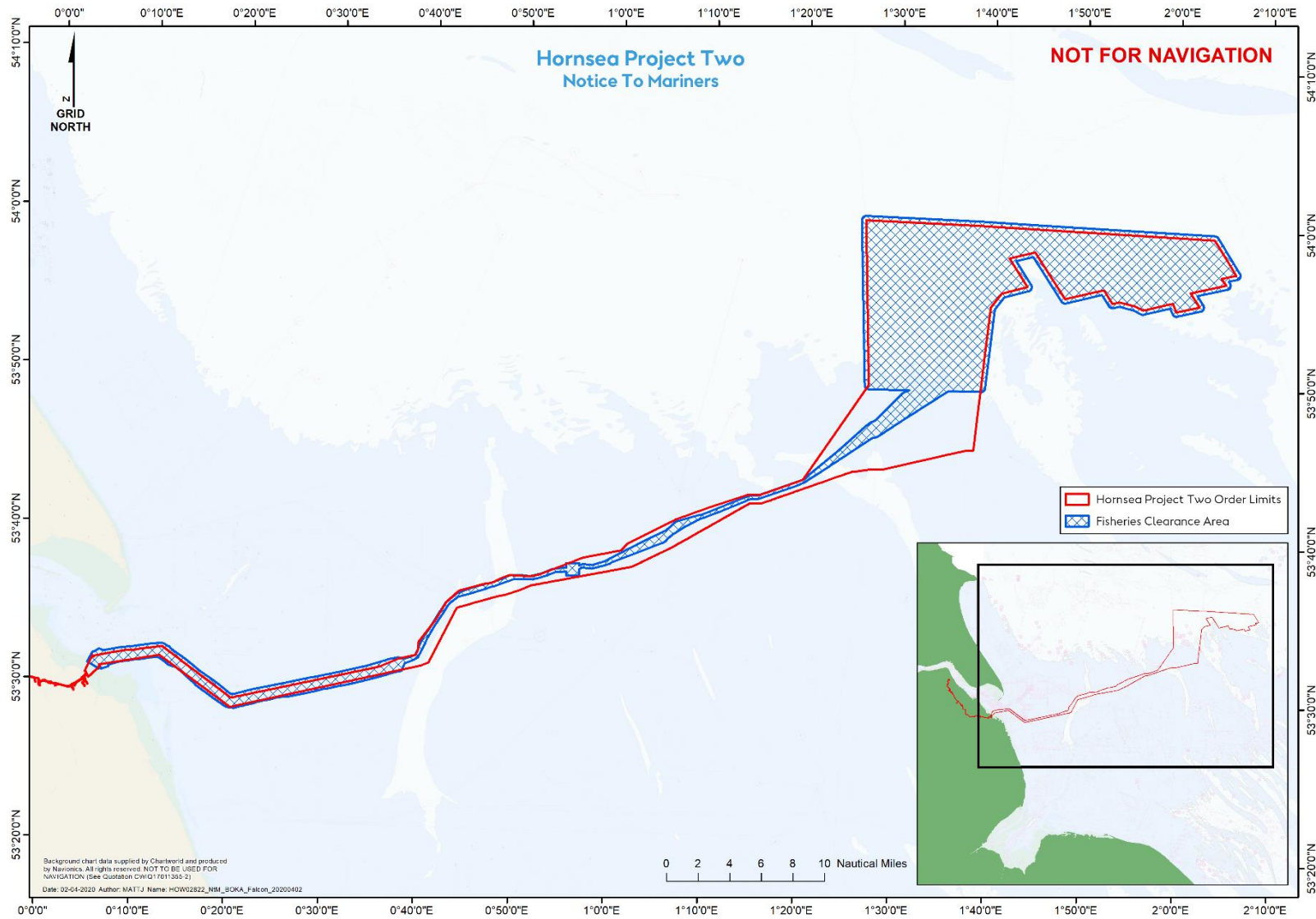


Figure 2. Proposed Construction Area



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:

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

4. FISHERIES LIAISON

Onshore Fisheries Liaison is provided by Nick Garside and Sophie Farenden who can be contacted on:

E-mail: nick.garside@live.co.uk	Mob: +44 (0) 7538 827013
Email: sophie.farenden@brownmay.com	Mob: +44 (0)7525 128344





An Offshore Fisheries Liaison Officer is onboard the Emswind and Resilient Guard Vessels, 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: CONFR@orsted.co.uk
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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
KMS Ability 	Guard Vessel	Mobile: +44 7930 985537 VSAT: 01346 490737	kmsability@gmail.com	MDFW3	235014666
MCS Blue Norther 	Crew Transfer Vessel	Bridge: Mob - +44 7876 861745 Sat: VSAT: +44 1475 830766	mcsbluenorther@maritimecraft.co.uk	2GDD5	235096374
Coastal Chariot 	Pre-Lay Grapnel Run, Cable Installation Support and Anchor Handling Tug (AHT)	V-SAT: +31 850090503	Chariot@coastalworkboats.com	PCWZ	244770069
Willem van Oranje 	Dredging / pre-sweeping	+31788080276 (V-SAT captain) +31788080279 (V-SAT chief) +31788080253 (V-SAT bridge)	Willem-Captain@boskalis.com Willem-Crew@Boskalis.com	5BVU3	210621000

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
<p>Rockpiper</p> 	<p>Post-Lay Rock Installation</p>	<p>Bridge: +31 78 80 80 273 Captain: +31 78 80 80 262 Sat: +87 07 73 1879 51</p>	<p>rockpiper-bridge@boskalis.com rockpiper-captain@boskalis.com</p>	<p>5BML3</p>	<p>209449000</p>
<p>NKT Victoria</p> 	<p>Cable Installation</p>	<p>+47 2240 8110 (Bridge) +47 2240 8120 (Captain)</p>	<p>bridge.victoria@remoy.management.no captain.victoria@remoy.management.no</p>	<p>LAWV7</p>	<p>257016000</p>
<p>Boka Falcon</p> 	<p>Cable trenching and burial</p>	<p>+31 788 080 929</p>	<p>bokafalcon-bridge@boskalis.com</p>	<p>ORTD</p>	<p>205787000</p>
<p>Spirit</p> 	<p>Cable installation and burial</p>	<p>Phone: +31655324243 SAT: +31788080209</p>	<p>spirit-captain@boskalis.com</p>	<p>5BWK4</p>	<p>212471000</p>

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
Titan Endeavour 	Nearshore Survey	+44 (0)7867 552553	Titan.Endeavour@titansurveys.com	2ELT9	235086211
Ivero 	Farshore survey	Mob: +44 (0)7917 477672 Fleet: +870 773 991 015	master@ivero.gardline.co.uk	MCJ03	232013165
GV Adorne 	Guard Vessel	SAT: (00) 44 1947 750717	gvadorne@gmail.com	MFQ18	232023203
Adventure 	Guard Vessel	+44 (0) 1947 750717	gvadventure@gmail.com	2IFE4	235109237

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
<p style="text-align: center;">Resilient</p>  <p>8</p>	Guard Vessel	+44 (0) 2841140788	gvresilient@gmail.com	GSSE9	232711000
<p style="text-align: center;">Isla B</p> 	Guard Vessel	Sat Phone: +44 (0) 1795 505936 Mobile: +44 (0) 07415 940054	islabbridge@gmail.com	MNVM2	232007860
<p style="text-align: center;">Island Valiant</p> 	Offshore CFE	+47 23 67 43 04/05	captain@valiant.islandoffshore.com	JWMY	259367000

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