



Notice to Mariners – Hornsea Project Two

Notice of Boulder Clearance and Trial Trenching – Vessel Updates 27/05/2020

1. INTRODUCTION

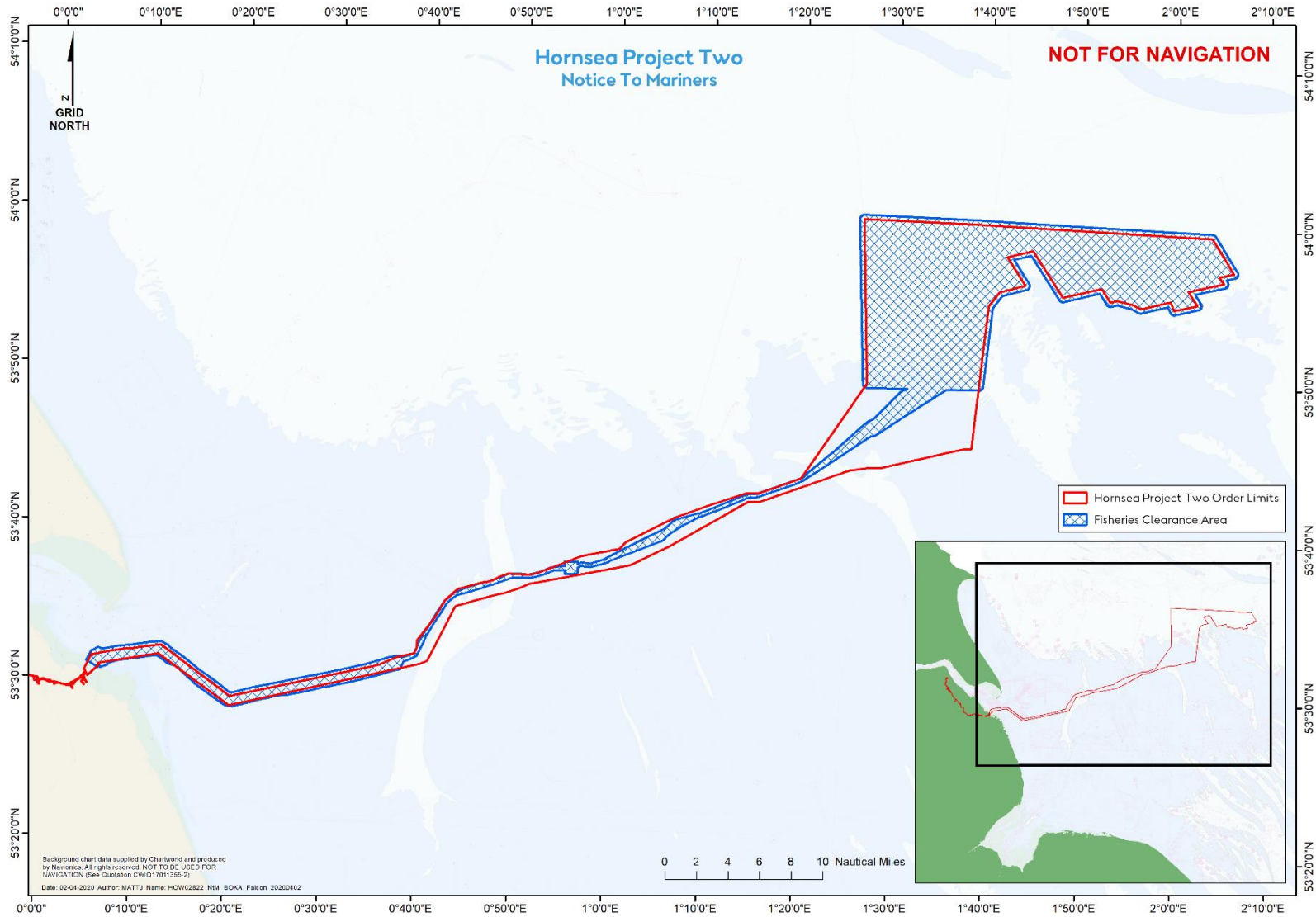
Mariners are advised that Ørsted will be continuing boulder clearance and trial trenching activities along the export cable route and within the wind farm array for the Hornsea Project Two Offshore Wind Farm.

2. AREA OF OPERATIONS

Activities will focus on the Hornsea Project Two offshore wind farm 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 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 5 of this Notice.

Note that these works will be carried out alongside survey operations using the Ivero, as well as the UXO inspections and clearance activities for Hornsea Project Two.

Figure 1. Proposed Boulder Clearance and Trial Trenching Area



3. PROPOSED ACTIVITIES

3.1 Boulder Clearance and Trial Trenching

Please be advised that Boskalis will be continuing boulder clearance and trial trenching activities on behalf of Hornsea Project Two along the proposed export cable corridor using the Giant 7 and Boka Falcon as shown in Figure 1. The works will be supported by the Noordstroom, Coastal Challenger and Viking Energy. The works have now commenced and will be intermittent throughout construction.

SOC will also be commencing boulder clearance and trial trenching at the array using the Seven Falcon on or after 1st June 2020 as shown in Figure 1.

Additional vessels may also mobilise to site in the forthcoming weeks to continue works. The exact work dates are dependent on weather and work progress. When the works are complete, this Notice will be updated and re-issued.

Note that the vessels will have limited manoeuvrability, with some 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.

3.2 Safety

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

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:

Project Manager (Ørsted – Export Cables) (Office hours only)	James Grieve	
	Tel: +44 7554 187 847	E-mail: xgrie@orsted.co.uk
Project Manager (Boskalis – Export Cables) (Office hours only)	Paul Schipper	
	Tel: +31 650084231	E-mail: paul.schipper@boskalis.com
Project Manager (Ørsted – Array Cables) (Office hours only)	Justin Hewlett	
	Tel: +44 7538 601825	E-mail: XJUSH@orsted.co.uk
Project Manager (SOC – Array Cables) (Office hours only)	Paulo Dutro	
	Tel: +49 172 4611836	E-mail: paulo.dutra@subsea7.com

5. 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 on board the Kamara and is expected to be on board the 7 Falcon, they are contactable on VHF channel 16.

In the event the 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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6. VESSELS

Operations will be conducted by the Boka Falcon, Giant 7, and Seven Falcon and will be supported by vessels including the Viking Energy, Coastal Challenger, Noordstroom, Dalby Don and Geosurveyor X. Additional vessels may mobilise to site to continue works. Contact can be made directly with the vessels, where necessary, using the contact details listed below. Client and contractor contact details are provided in Section 4 and 5 of this NtM.

Vessel Contact Details – Boka Falcon	
Vessel telephone	+31 788 080 929
Vessel email	bokafalcon-bridge@boskalis.com
Call Sign	ORTD
MMSI	205787000

Vessel Contact Details – Giant 7	
Vessel telephone	+31 6 50006023 +31 6 12963113
Vessel email	giant7-captain@boskalis.com
Call Sign	ORRU
MMSI	205687000

Vessel Contact Details – Coastal Challenger	
Vessel telephone	Mob + 31 13 6 05 784 V-Sat +31 85 00 90 585
Vessel email	challenger@coastalworkboats.com
Call Sign	PBOC
MMSI	244913000

Vessel Contact Details – Viking Energy	
Vessel telephone	Mob: +44 7885 990 682
Vessel email	vikingenergy@stewart-marine.co.uk ; operations@landfall.nl
Call Sign	MEPW5
MMSI	232020323

Vessel Contact Details – Noordstroom	
Vessel telephone	+31 184 788 131 +31 184 788 127 +31 653 894479
Vessel email	noordstroom@wijngaarden.com
Call Sign	PIWC
MMSI	244006000

Vessel Contact Details – Dalby Don	
Vessel telephone	Mob: + 447827 545696
Vessel email	DalbyDon@dalbyoffshore.com
Call Sign	2IMZ6
MMSI	235111112

Vessel Contact Details – Seven Falcon	
Vessel telephone	Bridge: +44 1224 568936 Satellite: +870 765 078 058
Vessel email	sevenfalcon.bridge@subsea7.com
Call Sign	2EEN9
MMSI	235084424

Vessel Contact Details – Geosurveyor X	
Vessel telephone	+32485986335
Vessel email	geosurveyor-x@geoxyz.be
Call Sign	LXGZ
MMSI	253113000

7. COORDINATES

Latitude (WGS84)	Longitude (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
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

Latitude (WGS84)	Longitude (WGS84)
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
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

Latitude (WGS84)	Longitude (WGS84)
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
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