



Notice to Mariners – Hornsea Project Two

Notice of UXO inspections – Issued 01.04.2019

1. INTRODUCTION

Mariners are advised that Hornsea Project Two will be carrying out inspections for potential UXO starting 10th April 2019 (weather dependent) for 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. Work should last several months

The inspections will commence with one vessel initially, with a second joining later. The vessels will be towing remotely operated vehicles to conduct the inspections along the proposed export cable route.

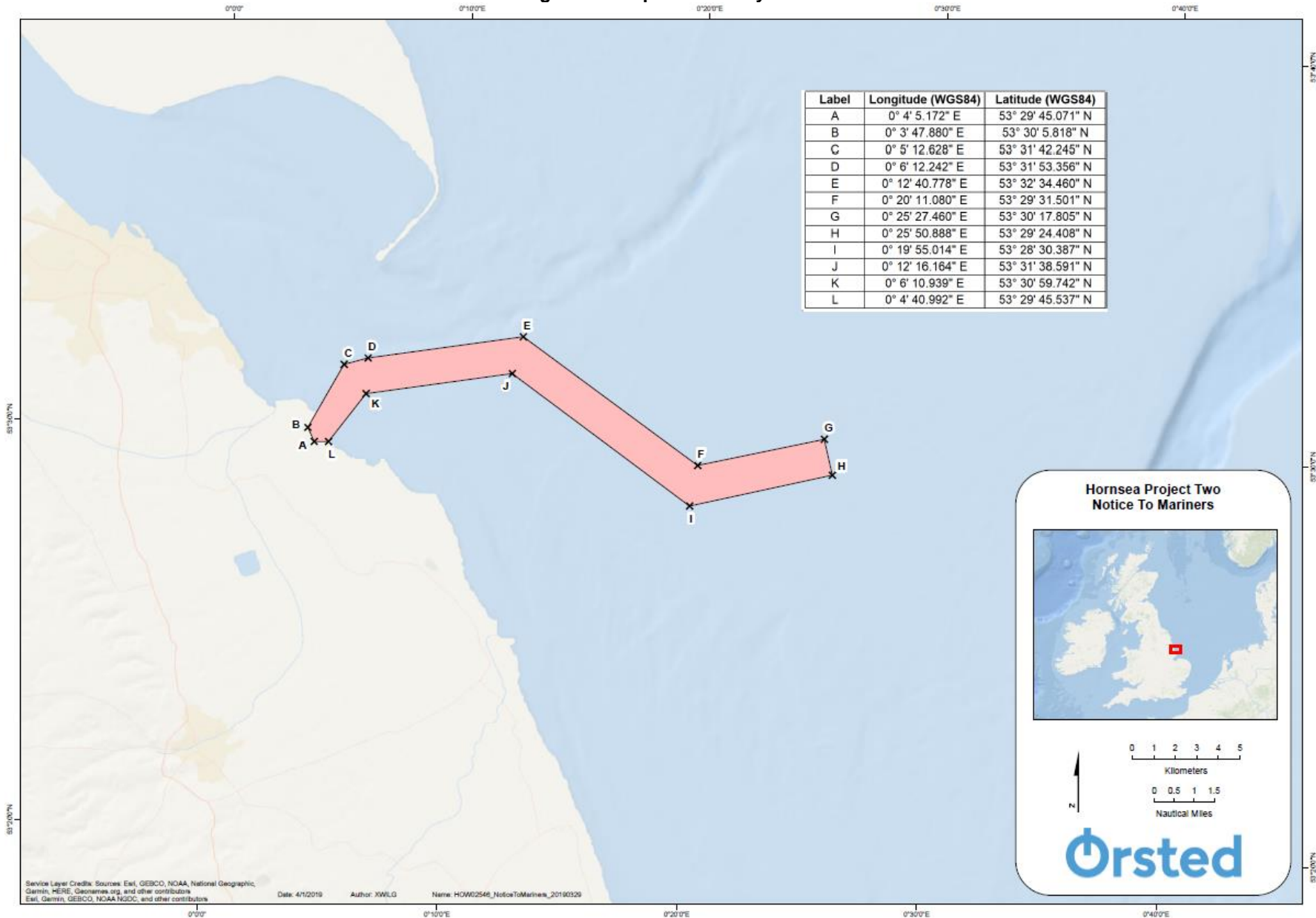
2. AREA OF OPERATIONS

Activities will centre on the Hornsea Project Two offshore wind farm proposed export cable route 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.

The inspections will encompass specific areas of the export cable route. As the vessels will be towing equipment they will require adequate exclusion zones to carry out the works, included within the stipulated survey areas shown in Figure 1.

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

Figure 1. Proposed Survey area



3. SURVEY

3.1 UXO Inspections

Please be advised that Ørsted will be carrying out UXO inspection surveys using the Voe Vanguard and Kamara along the Hornsea Project Two proposed export cable route.

The operations are planned to commence early-April 2019 using the Voe Vanguard and early May for the Kamara. 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 June for the Voe Vanguard and August for the Kamara.

The vessels will be towing survey equipment (ROVs) 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 Safety

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

4. IMMEDIATE CONTACTS

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

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

Geophysical Investigations:		
Project Manager (Ørsted)	Mira Rosten	
Tel: +44 (0)7824 545178	Mob: +44 (0)7824 545178	E-mail: mirro@orsted.co.uk

5. FISHERIES LIAISON

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

E-mail: nick.garside@live.co.uk	Mob: +44 (0) 7538 827013
Email: alex@brownmay.com	Mob: +44 (0) 7760 160039

It is envisaged that an Offshore Fisheries Liaison Officer may be on-board the Kommandor Stuart 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 – Sophie Farenden	Tel: +44 (0)7551 176795	E-mail: XSFAR@orsted.co.uk
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6. SURVEY VESSELS

Survey operations will be conducted by the Voe Vanguard and Kamara, 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.

Vessel Contact Details – Voe Vanguard	
Vessel telephone	M: +44 7766 798 481 S: +881 631 448 600 T: +44 1595 922 073
Vessel email	voevanguard@deltamarine.scot

General Information	
Name	Voe Vanguard
Flag	United Kingdom [GB]
Year Built	2017
MMSI Number	9809693
Call Sign	MBEN9



Dimensions	
Length	33.18m
Breadth	14.5m

Vessel Contact Details – Kamara	
Vessel telephone	Bridge: +47 23678262 Mobile: +44 7773541492
Vessel email	Kamara-survey@boskalis.com

General Information	
Name	Kamara
Flag	Malta (MT)
Year Built	2005
MMSI Number	215088000
Call Sign	9HA4953



Dimensions	
Length	70.9m
Breadth	16m

7. COORDINATES

Label	Longitude (WGS84)	Latitude (WGS84)
A	53°29.751' N	0°4.086' E
B	53°30.097' N	0°3.798' E
C	53°31.704' N	0°5.210' E
D	53°31.889' N	0°6.204' E
E	53°32.574' N	0°12.680' E
F	53°29.525' N	0°20.185' E
G	53°30.297' N	0°25.458' E
H	53°29.407' N	0°25.848' E
I	53°28.506' N	0°19.917' E
J	53°31.643' N	0°12.269' E
K	53°30.996' N	0°6.182' E
L	53°29.759' N	0°4.683' E