



Notice to Mariners – Hornsea Project Two

Notice of Recommencement of Unexploded Ordnance Inspections and Removal– Issued 17/03/2020

1. INTRODUCTION

Hornsea Project Two will be recommencing inspections and clearance of unexploded ordnance (UXO) within the Hornsea project Two Offshore Wind Farm located within the UK Sector of the North Sea for 2019, off the coast of East Yorkshire.

Mariners are advised that Hornsea Project Two confirms the presence of 13 (cUXO) as yet undetonated within the export cable corridor as shown in Figure 1. All vessels are requested to maintain the required safe distances as defined from the coordinates set out in Table 1 and shown in Figure 1 below.

Mariners are advised that Explosive Ordnance Detonation (EOD) will commence using the Kamara on or after 1st April 2020 along the export cable route for the UXO highlighted in Table 1 below. The vessel will then move to the inspection and eventual phase at the wind farm array (as shown in Figure 2). The works will be supported by the Guard Vessel Faxaborg and the Noortruck Vessel. Works are expected to be complete by 1st September 2020.

Table 1: Coordinates of Identified UXO

ID	Exclusion Zone Radius	WGS84		ETRS89 UTM31N (metres)	
		Longitude (DMS)	Latitude (DMS)	Easting (m)	Northing (m)
5	300m	1° 33' 57.814" E	53° 52' 30.210" N	405727.15	5970573.13
19	10m	0° 5' 47.991" E	53° 31' 17.194" N	307535.27	5934201.16
24	200m	0° 56' 2.512" E	53° 37' 53.620" N	363392	5944513.23
25	300m	0° 56' 3.486" E	53° 37' 53.191" N	363409.51	5944499.47
26	300m	0° 56' 3.150" E	53° 37' 53.065" N	363403.22	5944495.74
27	300m	0° 56' 4.085" E	53° 37' 52.730" N	363420.1	5944484.91
28	300m	0° 56' 4.116" E	53° 37' 52.691" N	363420.62	5944483.67
29	200m	0° 56' 3.414" E	53° 37' 52.049" N	363407.15	5944464.23
30	300m	0° 56' 5.425" E	53° 37' 51.984" N	363444.03	5944461.13
31	300m	0° 56' 5.354" E	53° 37' 51.968" N	363442.71	5944460.67
32	200m	0° 56' 5.549" E	53° 37' 52.561" N	363446.82	5944478.9
33	200m	0° 56' 5.243" E	53° 37' 52.672" N	363441.3	5944482.48
40	5m	1° 30' 50.777" E	53° 48' 1.828" N	402138	5962350

Figure 1. Identified remaining cUXO Locations

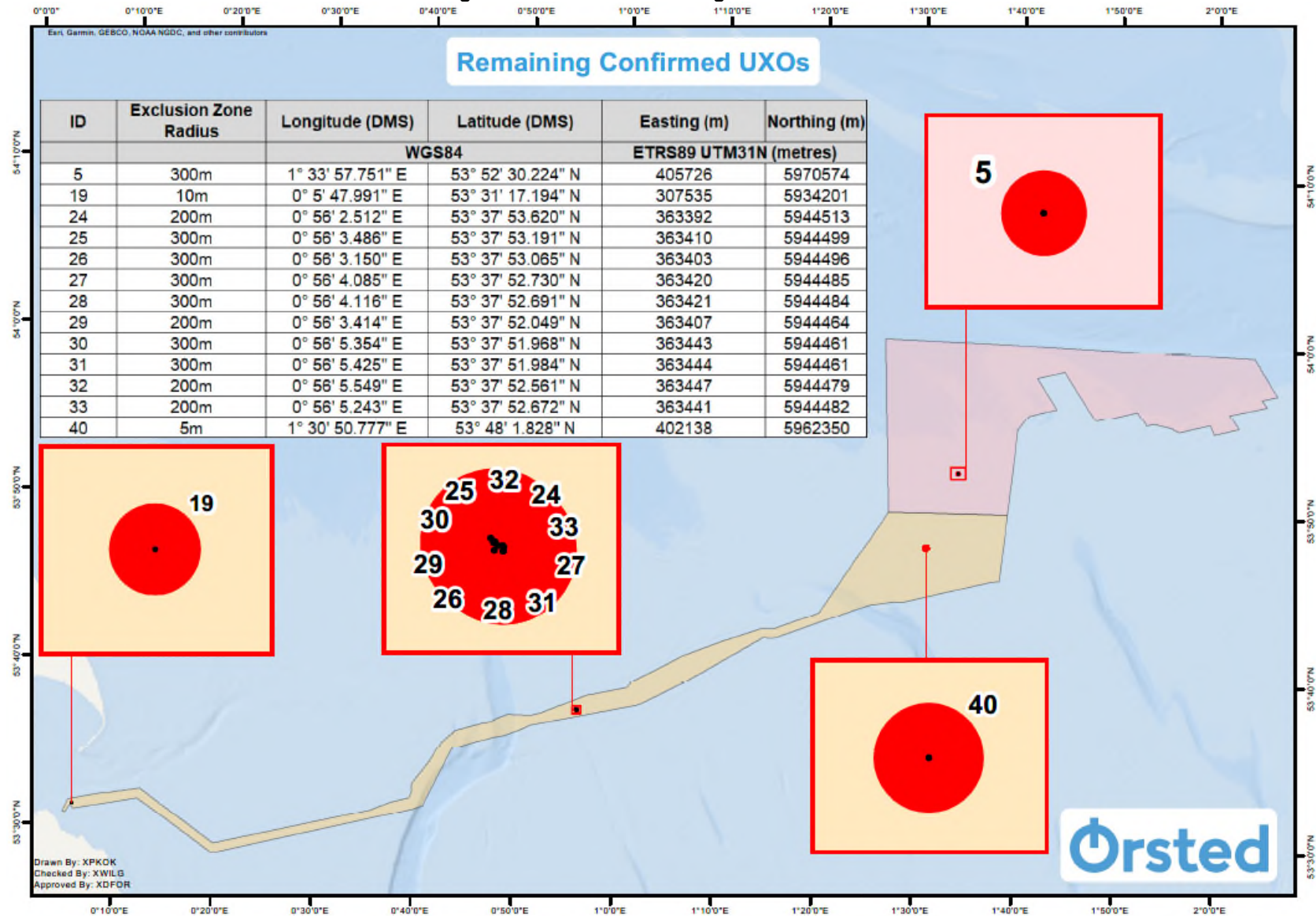
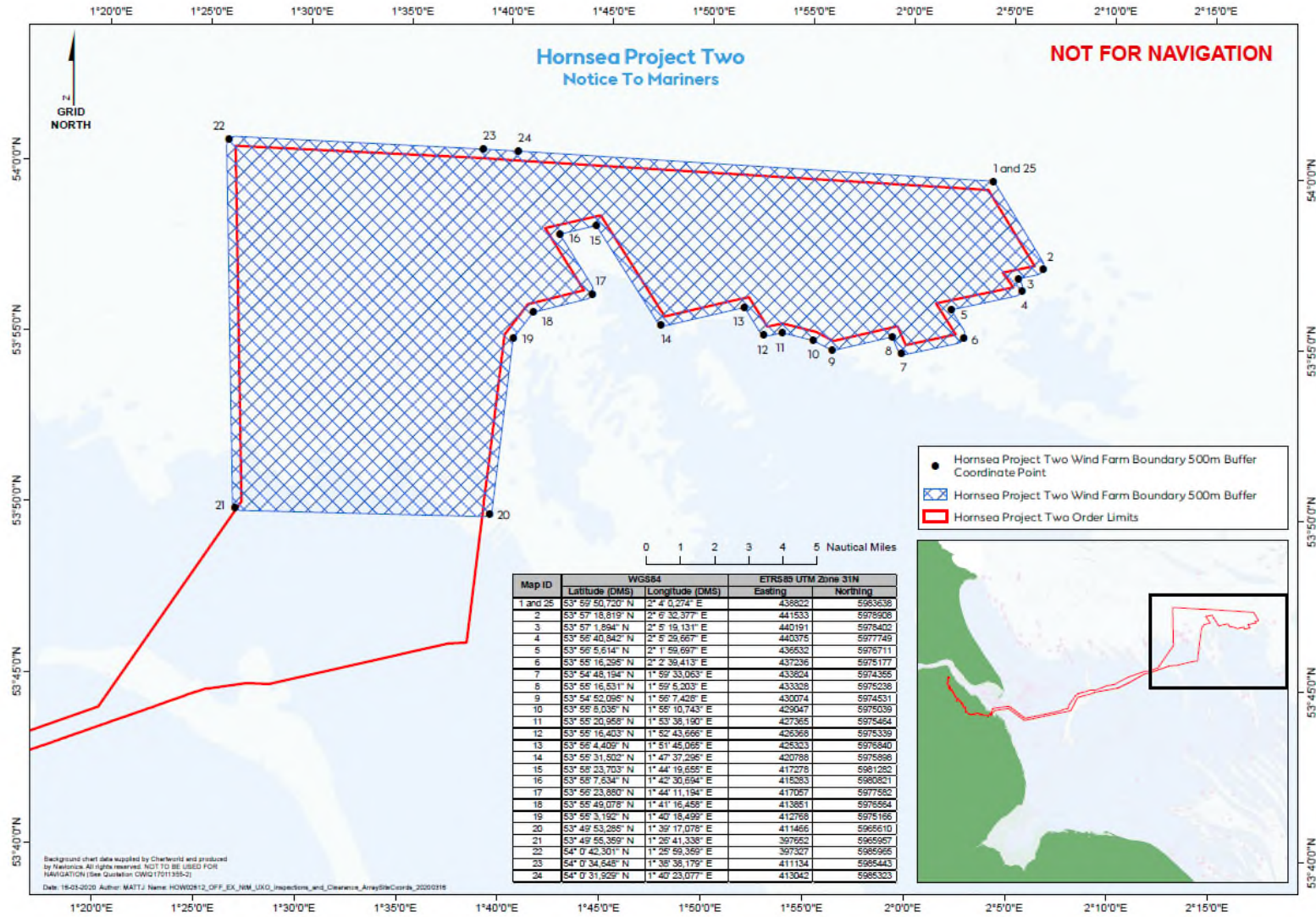


Figure 2. UXO Inspections and Clearance Areas



2. SAFETY

The contents of this Notice are based on our current understanding of Hornsea Project Two requirements. Further notices shall be issued when relevant as the campaign progresses.

Vessels are required to maintain a minimum 1,000m exclusion zone radius around the vessel during the explosive ordnance detonation (EOD) works.

During the works, a listening watch will be maintained on VHF Channel 12 and 16 within the appropriate port authority area and the vessels will actively submit an AIS signal. The vessels will also broadcast, at regular daily intervals, the vessel positions, operational information and intentions.

3. IMMEDIATE CONTACTS

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

Project Manager (Ørsted) (Office hours only)	Mira Rosten	
	Mob: +44 (0)7824 545178	E-mail: mirro@orsted.co.uk

4. FISHERIES LIAISON

Project Two Onshore Fisheries Liaison for this survey 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 FLO will be present on the Faxaborg Guard Vessel.

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 447 372	E-mail: CONFR@orsted.co.uk
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5. VESSELS

The UXO inspections and EOD will be conducted by the Kamara and supported by the Guard Vessel; Faxaborg and Noortruck bubble curtain vessel. 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 3 and 4 of this Notice.

Vessel Contact Details - Kamara	
Vessel Telephone	Bridge (VSAT): +47 23678262 Mobile: +31 6 27849689
Vessel E-mail	Kamara-Captain@boskalis.com Kamara-bridge@boskalis.com

Vessel Contact Details – G/V Faxaborg	
Vessel Telephone	S: 00870 773992758 T: +31 2557 87001
Vessel E-mail	faxaborg@dbconnect.nl

Vessel Contact Details – Noortruck	
Vessel Telephone	S: + 00870 7731 52716 T: + 49 (0)151 1672 3972
Vessel E-mail	master@noortruck.mycc.email

6. COORDINATES

As well as activities being conducted at the cUXO locations in Figure 1 and Table 1, further inspections and clearance will be undertaken from within the wind farm array as shown in Figure 2. Coordinates are provided below.

Map ID	WGS84		ETRS89 UTM Zone 31N	
	Latitude (DMS)	Longitude (DMS)	Easting	Northing
1 and 25	53° 59' 50,720" N	2° 4' 0,274" E	438822	5983638
2	53° 57' 18,819" N	2° 6' 32,377" E	441533	5978908
3	53° 57' 1,894" N	2° 5' 19,131" E	440191	5978402
4	53° 56' 40,842" N	2° 5' 29,667" E	440375	5977749
5	53° 56' 5,614" N	2° 1' 59,697" E	436532	5976711
6	53° 55' 16,295" N	2° 2' 39,413" E	437236	5975177
7	53° 54' 48,194" N	1° 59' 33,063" E	433824	5974355
8	53° 55' 16,531" N	1° 59' 5,203" E	433328	5975238
9	53° 54' 52,095" N	1° 56' 7,428" E	430074	5974531
10	53° 55' 8,035" N	1° 55' 10,743" E	429047	5975039
11	53° 55' 20,958" N	1° 53' 38,190" E	427365	5975464
12	53° 55' 16,403" N	1° 52' 43,666" E	426368	5975339
13	53° 56' 4,409" N	1° 51' 45,065" E	425323	5976840
14	53° 55' 31,502" N	1° 47' 37,295" E	420788	5975898
15	53° 58' 23,703" N	1° 44' 19,655" E	417278	5981282
16	53° 58' 7,634" N	1° 42' 30,694" E	415283	5980821
17	53° 56' 23,880" N	1° 44' 11,194" E	417057	5977582
18	53° 55' 49,078" N	1° 41' 16,458" E	413851	5976564
19	53° 55' 3,192" N	1° 40' 18,499" E	412768	5975166
20	53° 49' 53,285" N	1° 39' 17,078" E	411466	5965610
21	53° 49' 55,359" N	1° 26' 41,338" E	397652	5965957
22	54° 0' 42,301" N	1° 25' 59,359" E	397327	5985965
23	54° 0' 34,648" N	1° 38' 38,179" E	411134	5985443
24	54° 0' 31,929" N	1° 40' 23,077" E	413042	5985323