



Notice to Mariners – Hornsea Project Two and Four

Notice of Benthic Surveys – Issued 02/12/2019

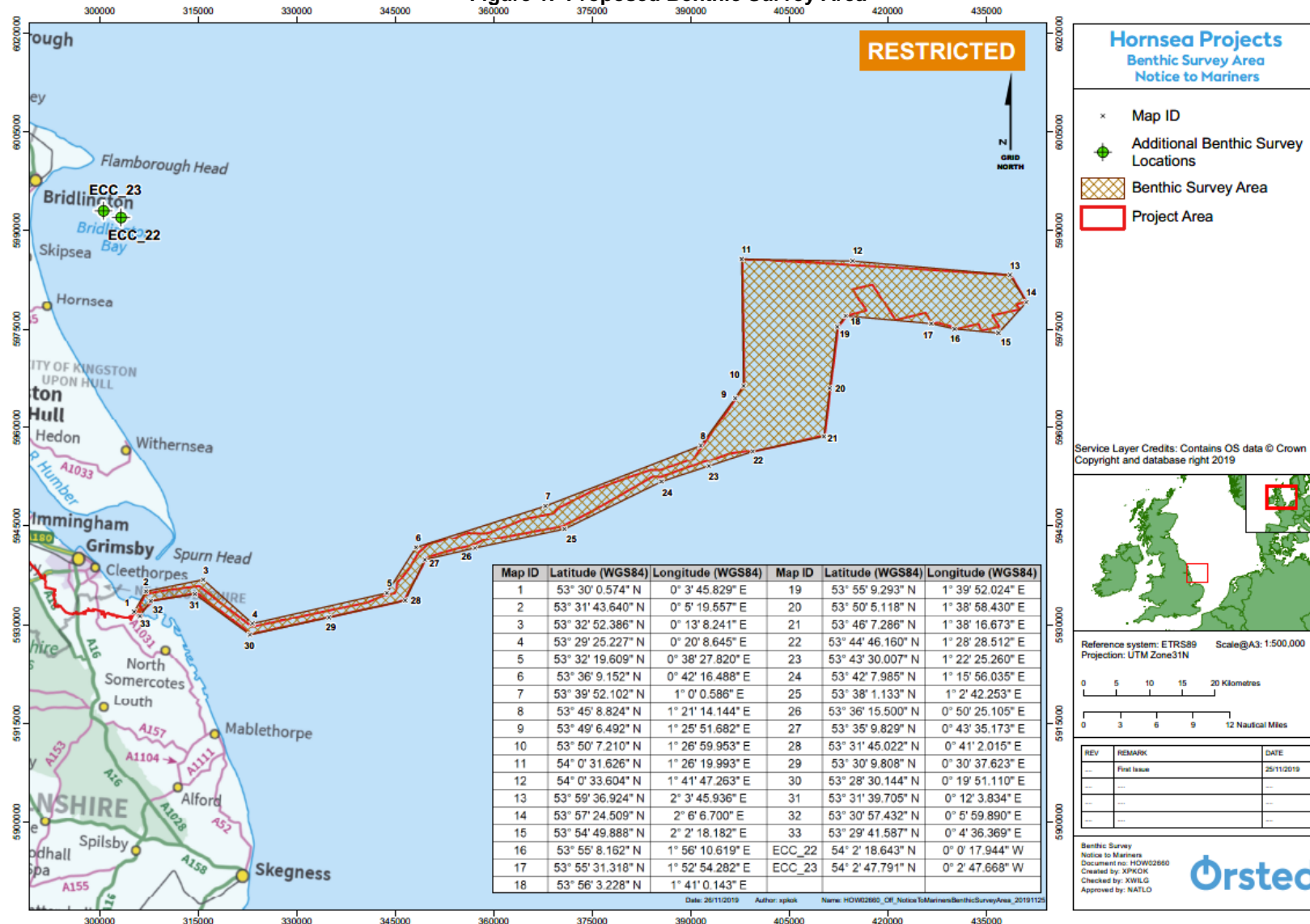
1. INTRODUCTION

Mariners are advised that Ørsted will be undertaking benthic surveys for the Hornsea Project Two and Hornsea Project Four Offshore Wind Farm.

2. AREA OF OPERATIONS

Activities will continue on the Hornsea Project Two offshore wind farm export cable route as shown in Figure 1. Mariners are advised that two additional survey locations are proposed on behalf of Hornsea Project Four and that the works on behalf of Hornsea Project One are complete. 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.

Figure 1. Proposed Benthic Survey Area



3. SURVEY

3.1 Benthic Survey

Please be advised that Ørsted will be carrying out benthic surveys using the Seren Las in the nearshore within the Hornsea Project Two export cable corridor as shown in Figure 1. The Seren Las will additionally be carrying out sampling within the Hornsea Project Four export cable corridor, the locations of which are also shown in Figure 1. Works at Hornsea Project One are now complete.

Due to weather delays, the surveys are now expected to continue until 31st December 2019. The exact survey dates are dependent on weather and work progress. When the works are complete, this Notice will be updated and re-issued.

The vessel will be towing a subsea camera system and undertaking grab sampling. As such, the vessel will have limited manoeuvrability 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 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.

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) (Office hours only)	Natalia Lopez	
	Tel: +44 (0)7788226620	E-mail: natlo@orsted.co.uk
Onshore Contact (Seren Las)	Sheila Milne	
	Tel: +44 (0) 7790 862215	E-mail: sheila.milne@ocean-ecology.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 will be available onshore, 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 – Courtney French	Tel: +44 (0)7796 447372	E-mail: CONFR@orsted.co.uk
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6. SURVEY VESSELS

Contact can be made directly with the vessels, where necessary, using the contact details listed below. Client and contractor contact details are provided in Sections 4 and 5 of this NtM.

Vessel Contact Details – Seren Las	
Vessel telephone	+44 (0) 7773 031577
Vessel email	ashley.kirby@ocean-ecology.com
Call Sign	MDAH2
MMSI	235087047

7. COORDINATES

Map Point ID	Latitude (WGS84)	Longitude (WGS84)
1	53° 30' 0.574" N	0° 3' 45.829" E
2	53° 31' 43.640" N	0° 5' 19.557" E
3	53° 32' 52.386" N	0° 13' 8.241" E
4	53° 29' 25.227" N	0° 20' 8.645" E
5	53° 32' 19.609" N	0° 38' 27.820" E
6	53° 36' 9.152" N	0° 42' 16.488" E
7	53° 39' 52.102" N	1° 0' 0.586" E
8	53° 45' 8.824" N	1° 21' 14.144" E
9	53° 49' 6.492" N	1° 25' 51.682" E
10	53° 50' 7.210" N	1° 26' 59.953" E
11	54° 0' 31.626" N	1° 26' 19.993" E
12	54° 0' 33.604" N	1° 41' 47.263" E
13	53° 59' 36.924" N	2° 3' 45.936" E
14	53° 57' 24.509" N	2° 6' 6.700" E
15	53° 54' 49.888" N	2° 2' 18.182" E
16	53° 55' 8.162" N	1° 56' 10.619" E
17	53° 55' 31.318" N	1° 52' 54.282" E
18	53° 56' 3.228" N	1° 41' 0.143" E
19	53° 55' 9.293" N	1° 39' 52.024" E
20	53° 50' 5.118" N	1° 38' 58.430" E
21	53° 46' 7.286" N	1° 38' 16.673" E
22	53° 44' 46.160" N	1° 28' 28.512" E
23	53° 43' 30.007" N	1° 22' 25.260" E
24	53° 42' 7.985" N	1° 15' 56.035" E
25	53° 38' 1.133" N	1° 2' 42.253" E
26	53° 36' 15.500" N	0° 50' 25.105" E
27	53° 35' 9.829" N	0° 43' 35.173" E
28	53° 31' 45.022" N	0° 41' 2.015" E
29	53° 30' 9.808" N	0° 30' 37.623" E
30	53° 28' 30.144" N	0° 19' 51.110" E
31	53° 31' 39.705" N	0° 12' 3.834" E
32	53° 30' 57.432" N	0° 5' 59.890" E
33	53° 29' 41.587" N	0° 4' 36.369" E
ECC_22	54° 2' 18.643" N	0° 0' 17.944" E
ECC_23	54° 2' 47.791" N	0° 2' 47.668" E