



Notice to Mariners – Hornsea Project One and Two

Notice of Benthic Surveys – Issued 01/10/2019

1. INTRODUCTION

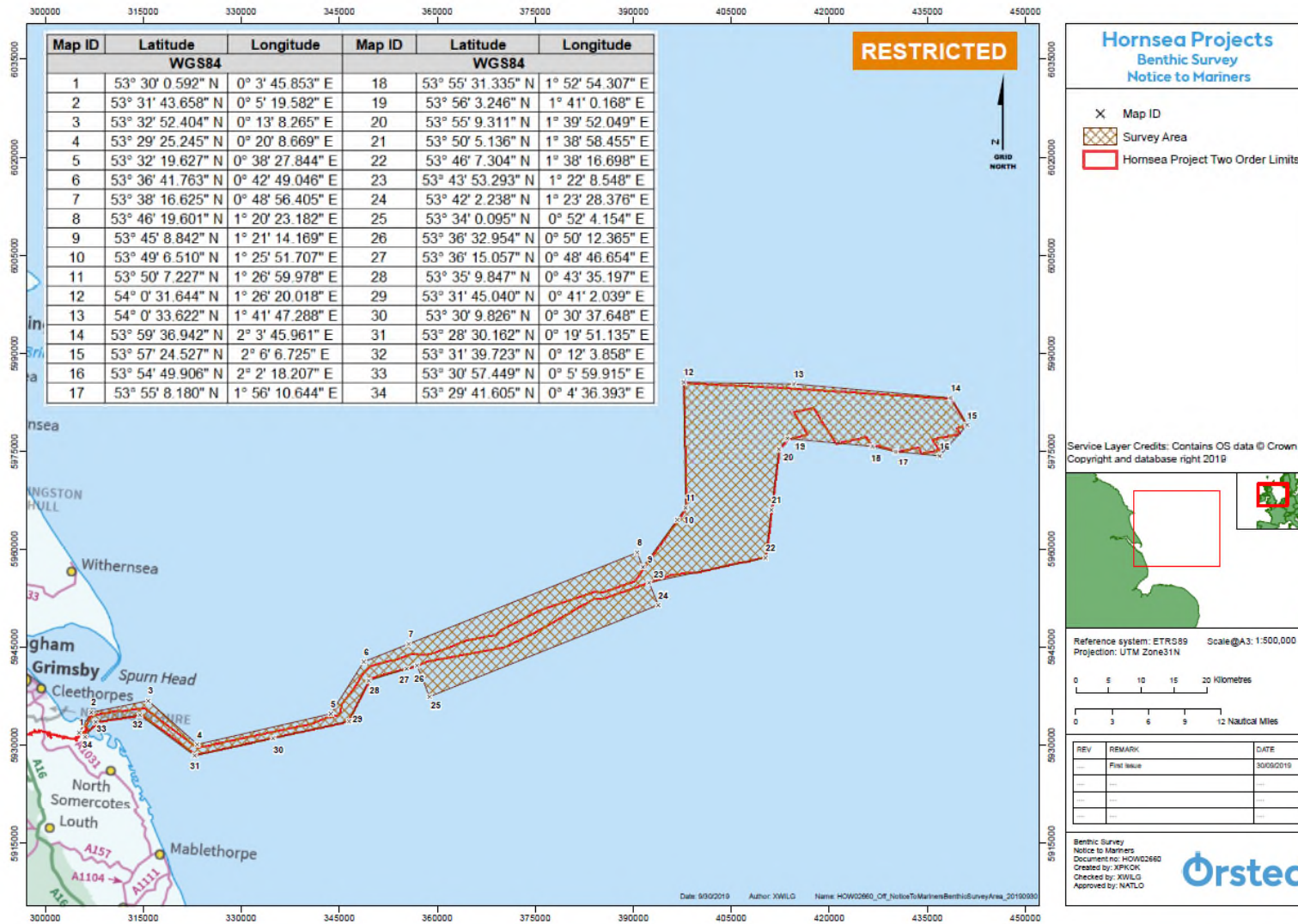
Mariners are advised that Ørsted will be undertaking benthic surveys for the Hornsea Project One and Two Offshore Wind Farms.

2. AREA OF OPERATIONS

Activities will continue on the Hornsea Project One and Two offshore wind farm export cable routes 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.

Note that survey works are in addition to ongoing UXO clearance activities for Hornsea Project Two and construction activities for Hornsea Project One.

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 and DSV Curtis Marshall in the farshore within the Hornsea Project One and Two export cable corridors and associated agreed disposal areas as shown in Figure 1.

The surveys are expected to commence on or after 7th October 2019 and may last until the end of October 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 Figure 2 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
Onshore Contact (Curtis Marshall)	Chris Jakeman	
	Tel: +44 (0)1642 211234 Mob: +44 (0) 7734 230496	

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

It is envisaged that an Offshore Fisheries Liaison Officer may be on-board the Curtis Marshall during part of the works or 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

Survey operations will be conducted by the Seren Las and Curtis Marshall. 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 – Seren Las	
Vessel telephone	+44 (0) 7773 031577
Vessel email	ashley.kirby@ocean-ecology.com
Call Sign	MDAH2
MMSI	235087047

Vessel Contact Details – DSV Curtis Marshall	
Vessel telephone	SAT Phone: 01642 843050
Call Sign	2HWN3
MMSI	235107219

7. COORDINATES

Map Point ID	Latitude (WGS84)	Longitude (WGS84)
1	53° 30' 0.592" N	0° 3' 45.853" E
2	53° 31' 43.658" N	0° 5' 19.582" E
3	53° 32' 52.404" N	0° 13' 8.265" E
4	53° 29' 25.245" N	0° 20' 8.669" E
5	53° 32' 19.627" N	0° 38' 27.844" E
6	53° 36' 41.763" N	0° 42' 49.046" E
7	53° 38' 16.625" N	0° 48' 56.405" E
8	53° 46' 19.601" N	1° 20' 23.182" E
9	53° 45' 8.842" N	1° 21' 14.169" E
10	53° 49' 6.510" N	1° 25' 51.707" E
11	53° 50' 7.227" N	1° 26' 59.978" E
12	54° 0' 31.644" N	1° 26' 20.018" E
13	54° 0' 33.622" N	1° 41' 47.288" E
14	53° 59' 36.942" N	2° 3' 45.961" E
15	53° 57' 24.527" N	2° 6' 6.725" E
16	53° 54' 49.906" N	2° 2' 18.207" E
17	53° 55' 8.180" N	1° 56' 10.644" E
18	53° 55' 31.335" N	1° 52' 54.307" E
19	53° 56' 3.246" N	1° 41' 0.168" E
20	53° 55' 9.311" N	1° 39' 52.049" E
21	53° 50' 5.136" N	1° 38' 58.455" E
22	53° 46' 7.304" N	1° 38' 16.698" E
23	53° 43' 53.293" N	1° 22' 8.548" E
24	53° 42' 2.238" N	1° 23' 28.376" E
25	53° 34' 0.095" N	0° 52' 4.154" E
26	53° 36' 32.954" N	0° 50' 12.365" E
27	53° 36' 15.057" N	0° 48' 46.654" E
28	53° 35' 9.847" N	0° 43' 35.197" E
29	53° 31' 45.040" N	0° 41' 2.039" E
30	53° 30' 9.826" N	0° 30' 37.648" E
31	53° 28' 30.162" N	0° 19' 51.135" E
32	53° 31' 39.723" N	0° 12' 3.858" E
33	53° 30' 57.449" N	0° 5' 59.915" E
34	53° 29' 41.605" N	0° 4' 36.393" E