

Ørsted - East Coast Operational Assets

Notice to Mariners

Period of Notice: March 2022

Version: Issue 2

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1 Introduction

Ørsted is an offshore wind farm owner and operator with ten operational wind farms in UK waters. Of these ten, the following offshore wind farms are located off the East Coast of England:

- Gunfleet Sands
- Westermost Rough
- Race Bank
- Lincs
- Hornsea One

The purpose of this monthly Notice to Mariners (NtM) is to ensure that mariners are aware of any non-routine operations across the East Coast assets that could pose a risk to other sea users. Safety is paramount to Ørsted and this notice should assist in ensuring that both mariners and the Ørsted operational team can operate safely offshore. This NtM will provide:

- A regular, clear and consistent overview of non-routine operations
- Updates relating to lighting and marking
- Key contact details
- Access to detailed site information and figures
- Clarity on when Safety Zones and recommended safe separation distances are in force or requested



This Notice to Mariners will not provide:

- Information relating to routine maintenance carried out by Crew Transfer Vessels (CTV) or Service Operation Vessels (SOV).
- Any information relating to export cables
- Any information relating to offshore wind farms currently in development, construction or not operated by Ørsted

Subsea Cables

Subsea cables are installed across each offshore wind farm and are marked on the KIS ORCA charts referenced in Section 1.2. Please note the following advice from NP 100 The Mariners Handbook "Every care

should be taken to avoid anchoring, trawling, fishing, dredging, drilling, or carrying out any other activity in the vicinity of cables which might damage them.” This warning is repeated on all admiralty charts.

Wind Farm Positional Data

KIS ORCA Awareness Charts (including the layout and coordinates) and Fishing Plotter Files of the offshore assets referenced in this NtM can be found via the KIS ORCA website: <https://kis-orca.org/downloads/> Should mariners require further information or any data in a format that can be used in a plotter or other device, please contact the Company Fisheries Liaison Officer, listed in Section 2 below.

2 Key Contacts

For further information on any of the activities listed within this notice, please use the contact details listed below.

Site	Ørsted Mailbox/ Offshore Coordination	Fisheries Industry Representative
Race Bank	Phone: 07826 943808 Email: rowoffshorec@orsted.co.uk	Ady Woods Phone: 07468 898948 Email: firwoods@hotmail.com
Westermost Rough	Phone: 07867 674941 Email: wmroffshorec@orsted.co.uk	Guy Pasco Phone: 07880 362082 Email: guy@seascopefisheries.co.uk
Lincs	Phone: 07766443319 Email: lincsoffshorec@orsted.co.uk	Ady Woods Phone: 07468 898948 Email: firwoods@hotmail.com
Gunfleet Sands		Merlin Jackson Phone: 07989 520484 Email: merlinjackson@btinternet.com
Hornsea One	Phone: 07775005465 Email: HOWoffshoreC@orsted.co.uk	Nick Garside Phone: 07538 827013 Email: nick.garside@live.co.uk

Company Fisheries Liaison Officer

The Ørsted Company Fisheries Liaison Officer can be contacted using the details below:

Courtney French
Email: CONFR@Orsted.co.uk

3 Notice to Mariners Summary:

Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	L07 Marine Lanterns	None	None	None
Westermost Rough	OK	None	None	Blade LEP campaign
Lincs	OK	None	None	HSS Bearing
Gunfleet Sands	OK	None	None	Above water inspections, HSS Bearing.
Hornsea One	H27 Fog Signal	None	None	A03 Generator Exchange ° *

- * Formal 500m safety zone in place
- ° Licensable activity
- ** 500m safety distance requested
- *** 200m safety distance requested
- **** 250m safety distance requested

Status of lighting & marking is correct at time of issue; any changes will be communicated through an updated version being issued.

4 Race Bank – Notice to Mariners

4.1 Lighting and Marking Status

L07 currently has temporary marine lanterns installed, however the lights are not in sequence. No further planned outages.

4.2 Other Operations

Non planned

5 Westermost Rough – Notice to Mariners

5.1 Lighting and Marking Status

The lighting and/ or navigational warning systems are currently operational. No planned outages.

5.2 Other Operations

5.1.1 Blade LEP campaign

From the 1st of April the NSL Discovery will be working on site, initially for familiarisation and technician training, prior to a blade campaign starting which is anticipated from the 1st May until the end of September. An advisory exclusion zone will be required which will be confirmed nearer the time.

Vessel Information

General Information		Vessel Picture
Name	NSL Discovery	
Flag	United Kingdom [GB]	
Year Built		
MMSI	235096731	
Call Sign	2GEQ9	
Vessel Contact Details		
Bridge		
Party Chief		
Email	discovery@northsealogistics.co.uk	

6 Lincs – Notice to Mariners

6.1 Lighting and Marking Status


The lighting and/ or navigational warning systems are currently operational. No planned outages.

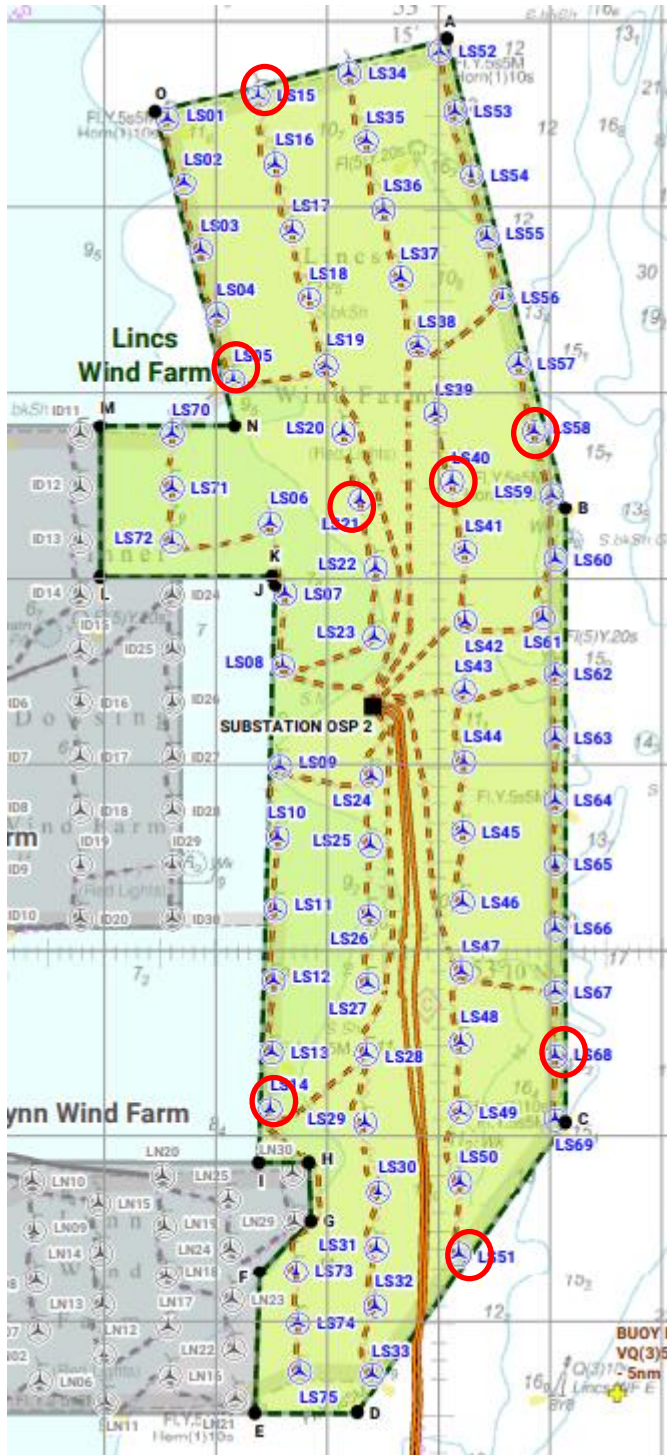
6.2 Other Operations

6.2.1 High Speed Bearing Exchange

On the 16th March we will be carrying out some rectification work on several locations identified below. The Spectrum 3 CTV will be supporting this scope.

Vessel information

General Information		Vessel Picture
Name	Spectrum 3	
Flag	UK	
Year Built	2010	
IMO/MMSI	9609603	
Call Sign	2DXB6	
Vessel Contact Details		
Bridge	07789117779	
Party Chief		
Email	Spectrum3@spectrum-offshore.com	



7 Gunfleet Sands – Notice to Mariners

7.1 Lighting and Marking Status

The lighting and/ or navigational warning systems are currently operational. No planned outages.

7.2 Other Operations

7.2.1 Above water inspections

On the 9th Feb we will commence an inspection campaign with the vessel Commander P. We anticipate the campaign taking 48 days.

Vessel information

General Information		Vessel Picture
Name	Commander P	
Flag	UK	
Year Built		
IMO/MMSI	235097748	
Call Sign	2GIU6	
Vessel Contact Details		
Bridge	+45 30 53 62 33	
Party Chief	+ 447668 23277	
Email	mike@offshoreturbineservices.co.uk	

7.2.1 High Speed Bearing Exchange

On the 11th April we will be carrying out some rectification work on several locations identified below. The Spectrum 3 CTV will be supporting this scope.

Vessel information

General Information		Vessel Picture
Name	Spectrum 3	
Flag	UK	
Year Built	2010	
IMO/MMSI	9609603	
Call Sign	2DXB6	
Vessel Contact Details		
Bridge	07789117779	
Party Chief		
Email	Spectrum3@spectrum-offshore.com	

Coordinates

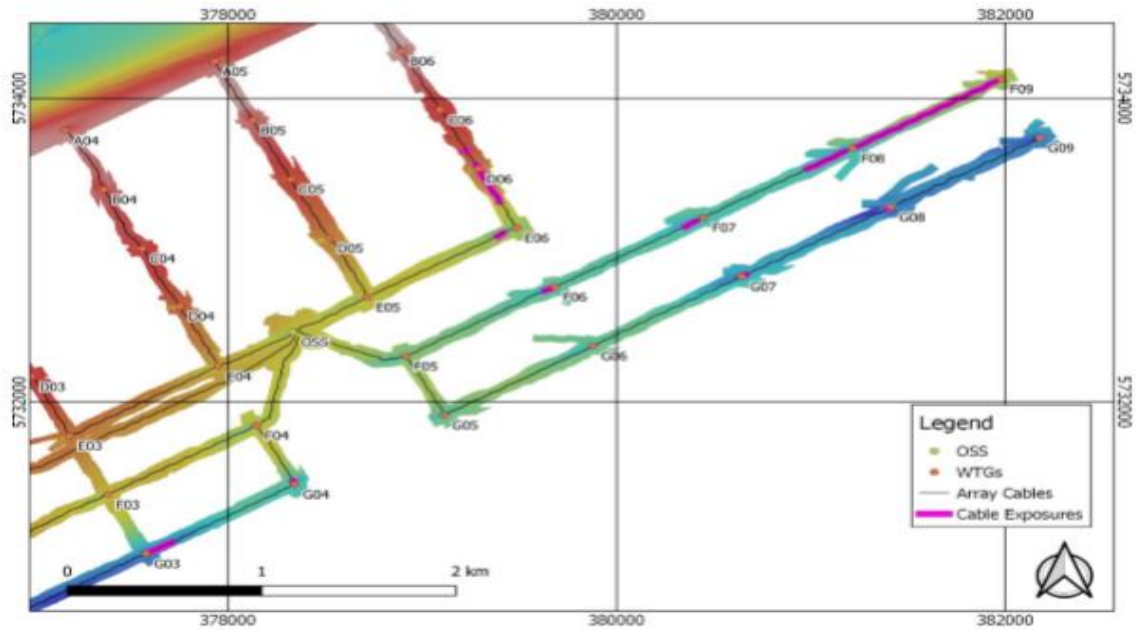
WINDFARM	TURBINEID	WGS84 (Deg, decimal Minutes)	
		LONGITUDE	LATITUDE
GFS01	C02	001° 12.29913815' E	51° 43.56607477' N
GFS02	F09	001° 17.42810506' E	51° 44.73736528' N

7.3 Cable exposure

There are subsea cables currently exposed as shown on the below chart and coordinates.

Array cable	Nearest WTG	Distance from WTG to start exposure [m]	Exposure length [m]	Coordinates start exposure		Coordinates end exposure	
				X	Y	X	Y
F06-F07	F07	53.9	73.9	380400.9	5733188.0	380341.2	5733147.0
F07-F08	F08	52.4	216.1	381166.3	5733649.0	380982.7	5733538.0
F08-F09	F08	28.1	827.9	381238.4	5733685.0	381942.3	5734108.0
G03-G04	G03	19.9	129.8	377595.9	5731011.0	377708.3	5731074.0
G07-G08	G07	15.4	5.8	380657.0	5732835.0	380662.0	5732838.0
G07-G08	G08	6.5	11.0	381404.9	5733280.0	381395.3	5733275.0

Table 5-1; Array cable exposures detected in GFS0102



8 Hornsea One – Notice to Mariners

8.1 Lighting and Marking Status

H27 Foghorn is currently inoperative.

8.2 Other Operations

8.2.1 A03 Generator exchange.

Commencing 8th March for a duration of 10 days there will be a generator exchange on wind turbine A03 at Hornsea 1. This will be completed by Jack Up vessel Wind Enterprise, the vessel requires mariners maintain a 500m safety exclusion zone at all times.

General Information		Vessel Picture
Name	Wind Enterprise	
Flag	Denmark	
Year Built		
MMSI Number	219370000	
Call Sign	OZTU2	
Vessel Contact Details		
Bridge	+45 61 37 26 73	
Party Chief		
Email	Master.windenterprise@ziton.eu	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
A03	54°49.363'N	02°11.584'E

