

Ørsted - East Coast Operational Assets

Notice to Mariners

Period of Notice: February 2023

Version: 1

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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
- Hornsea Two

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.com	Ady Woods Phone: 07468 898948 Email: firwoods@hotmail.com
Westernmost Rough	Phone: 07867 674941 Email: wmroffshorec@orsted.com	Guy Pasco Phone: 07880 362082 Email: guy@seascopefisheries.co.uk
Lincs	Phone: 07766443319 Email: lincsoffshorec@orsted.com	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.com	Nick Garside Phone: 07538 827013 Email: nick.garside@live.co.uk
Hornsea Two	Phone: 07775005465 Email: HOW02offshoreC@orsted.com	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:

Lara Leonard
Email: LARLN@Orsted.com

3 Notice to Mariners Summary:

Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	OK	None	None	None
Westermost Rough	OK	None	Yes	Main Bearing replacement ^{o*}
Lincs	OK	None	None	None
Gunfleet Sands	OK	None	Yes	Main bearing replacement ^{**} Generator Exchange ^{o*} SIAW
Hornsea One	A16 – Fog signal inoperative A22 – One light extinguished A22 – Light character Incorrect	None	None	None
Hornsea Two	OK	None	None	None

- * Formal 500m safety zone in place
- ^o 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

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

4.2 Other Operations

Nothing 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

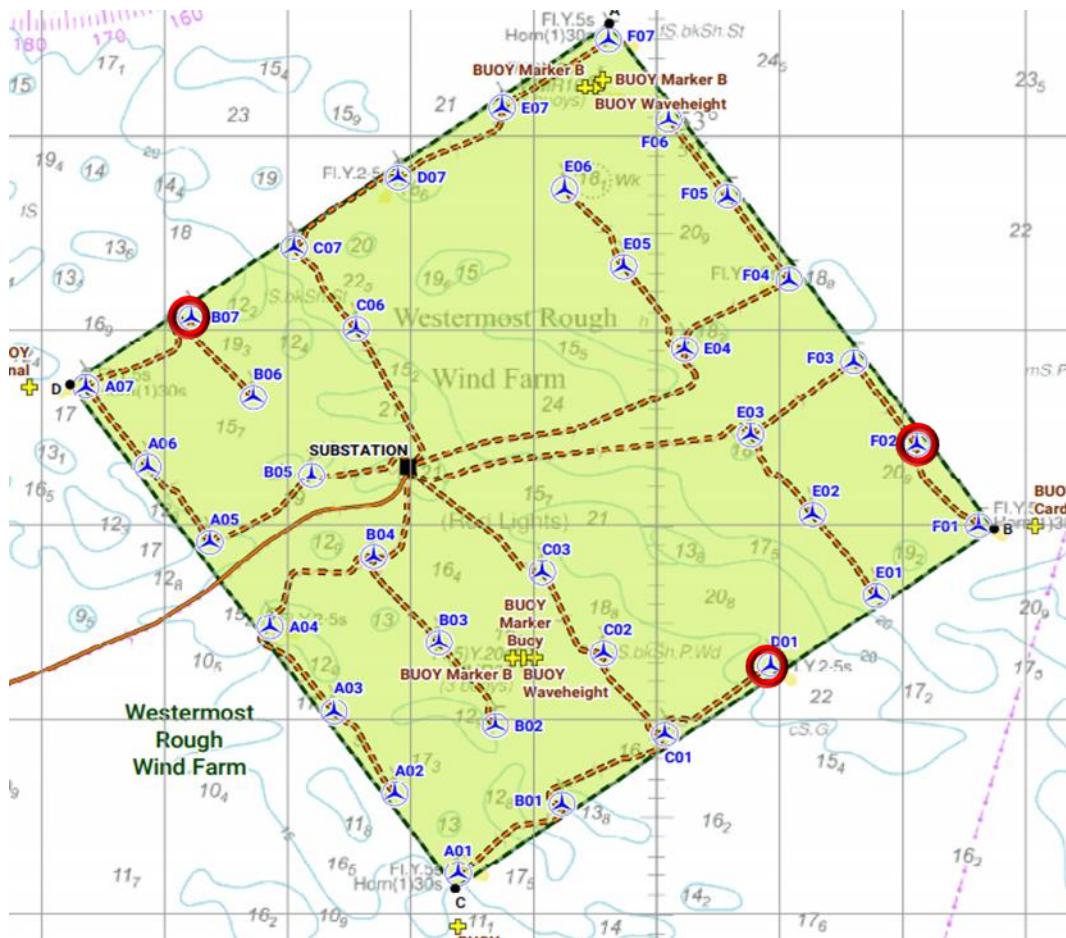
5.2.1 WMR Main Bearing Replacement

Main Bearing Exchange Campaign on Westermost Rough at locations B07 / D01 & F02. Campaign is estimated to start on the 25th of January 2022 for 30 days in total. A 500m exclusion zone will be required whilst the Wind Server is in position at the turbines and whilst jacking up.

General Information		Vessel Picture
Name	Wind Enterprise	
Flag	Denmark	
Year Built		
MMSI Number	219370000	
Call Sign	OZTU2	
Vessel Contact Details		
Bridge	+45 29 81 58 85	
Party Chief	Capt. Jakob Skak Nielsen	
Email	master.windenterprise@ziton.eu	

General Information		Vessel Picture
Name	Fob Swath 10	
Flag	Denmark	
Year Built	2013	
MMSI Number	219027988	
Call Sign	OYMX2	
Vessel Contact Details		
Bridge	+45 40285893	
Party Chief		
Email	Fob10@odfjellwind.com	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
B07	53.8139	000.1035
D01	53.7880	000.1820
F02	53.8009	000.1878



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

Nothing planned.

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 Main Bearing Replacement

The Jack up Vessel Wind Server is currently on site. The scope is to carry out main bearing replacements on locations E04, F04 & F08. A 500m exclusion zone will be required whilst the Wind Server is in position at the turbines and whilst jacking up. CTV Tia Elizabeth

Vessels

General Information		Vessel Picture
Name	WIND SERVER	
Flag	Denmark [DK]	
Year Built	2014	
MMSI Number	219615000	
Call Sign	OWLB2	
Vessel Contact Details		
Bridge		
Party Chief		
Email	projects@ziton.eu	


General Information		Vessel Picture
Name	Tia Elizabeth	
Flag	UK	
Year Built		
MMSI Number	235098384	
Call Sign	2GLJ2	
Vessel Contact Details		
Bridge		
Party Chief		
Email	tiaelizabeth@tidal-transit.com	

WTG ID	Long	Lat
E04	001° 13.96947023' E	51° 43.66431166' N
F04	001° 14.14774691' E	51° 43.45741667' N
F08	001° 16.772' E	51° 44.481' N

7.2.2 Statutory Inspections Above Water

From the 1st February the vessel Commander P will be on site completing WTG inspections, the scope is anticipated to take until the end of March.

Vessel information

General Information		Vessel Picture
Name	Commander P	 <p>photo 11 of 13</p>
Flag	UK	
Year Built		
MMSI	235097748	
Call Sign	2GIU6	
Vessel Contact Details		
Bridge	07807007849	
Party Chief		
Email	commanderp@offshoreturbineservices.co.uk	

7.3 Cable exposure

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

WGS84 Degrees, decimal Minutes						
ID	ArrayCableID	Length_m	StartCoord_Longitude	StartCoord_Latitude	EndCoord_Longitude	EndCoord_Latitude
GFS_MBES_T0_01-UnidentifiedOther	F08-F09	13.4	1° 17.383' E	51° 44.721' N	1° 17.396' E	51° 44.723' N
GFS_MBES_T0_02-CableExposure	F08-F09	790.93	1° 16.787' E	51° 44.486' N	1° 17.376' E	51° 44.718' N
GFS_MBES_T0_03-CableExposure	F07-F08	533.19	1° 16.562' E	51° 44.401' N	1° 16.726' E	51° 44.466' N
GFS_MBES_T0_04-CableExposure	F06-F07	25.25	1° 16.059' E	51° 44.203' N	1° 16.075' E	51° 44.210' N

8 Hornsea One – Notice to Mariners

8.1 Lighting and Marking Status

A16 – Fog signal inoperative

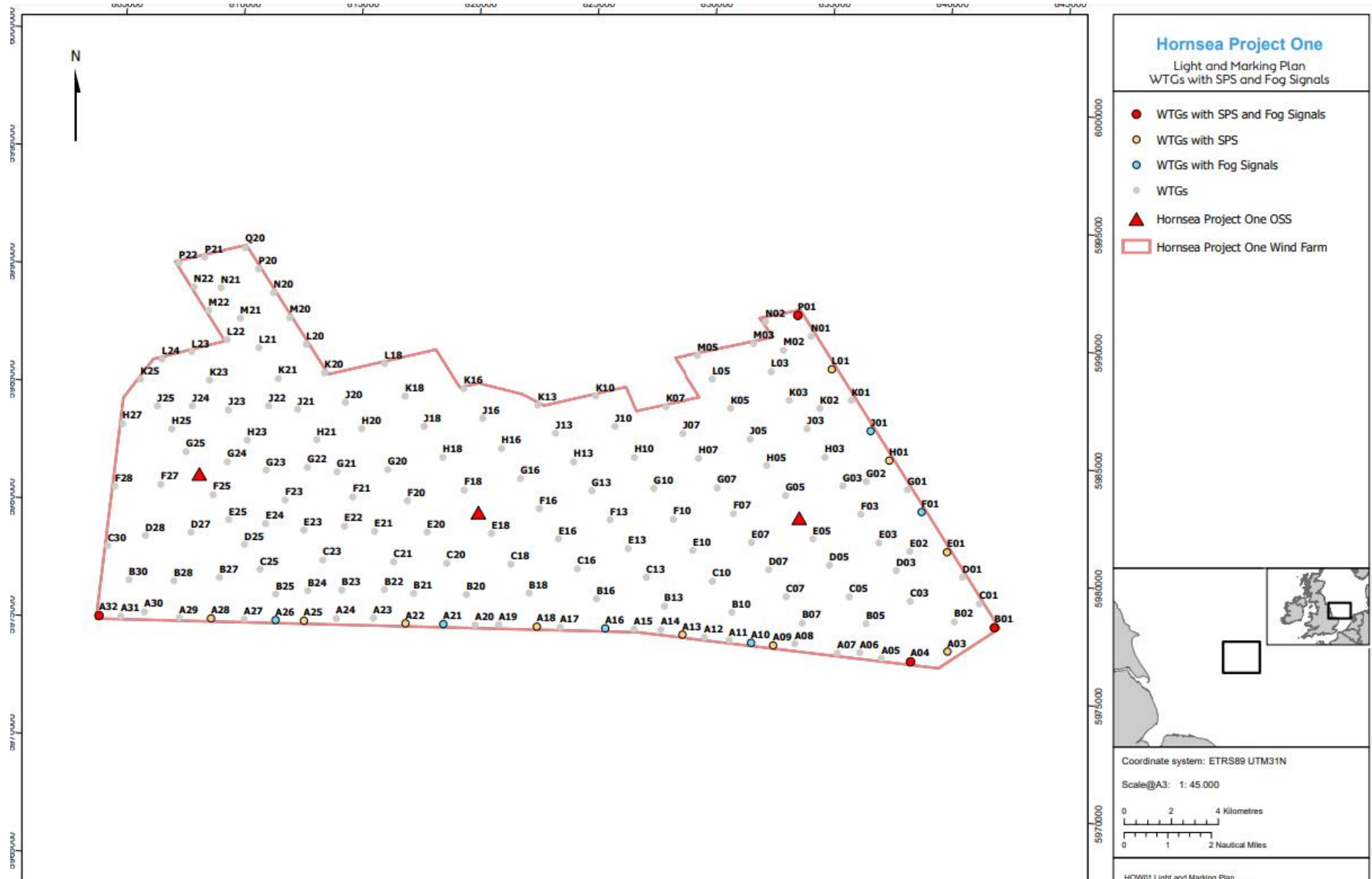
A22 – One light extinguished and 1 light incorrect character

There are no other planned outages.

Mariners are advised that the marine navigation lighting and foghorns on turbines situated on the Hornsea Project One / Two adjoining perimeter have now been extinguished. Marine navigation lighting will now alight the combined perimeter of Hornsea Project One and Two.

Please see the table below showing the locations where the foghorns/marine navigation lighting has been discontinued (indicated with an X)

Turbine	Marine Navigation Lights	Foghorns
K25	X	
Q20	X	X
C30	X	X
H27	X	X
P22	X	X
L20		X
K16		X
K10		X
M05		X



8.2 Other Operations

Nothing planned.

9 Hornsea Two – Notice to Mariners

9.1 Lighting and Marking Status

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

9.2 Other Operations

Nothing Planned.