

# **Ørsted - East Coast Operational Assets**

## **Notice to Mariners**

**Period of Notice: November 2023**

**Version: 3**

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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: <a href="mailto:rowoffshorec@orsted.com">rowoffshorec@orsted.com</a>	Ady Woods Phone: 07468 898948 Email: <a href="mailto:firwoods@hotmail.com">firwoods@hotmail.com</a>
Westermost Rough	Phone: 07867 674941 Email: <a href="mailto:wmoffshorec@orsted.com">wmoffshorec@orsted.com</a>	Guy Pasco Phone: 07880 362082 Email: <a href="mailto:guy@seascopfisheries.co.uk">guy@seascopfisheries.co.uk</a>
Lincs	Phone: 07766443319 Email: <a href="mailto:lincsoffshorec@orsted.com">lincsoffshorec@orsted.com</a>	Ady Woods Phone: 07468 898948 Email: <a href="mailto:firwoods@hotmail.com">firwoods@hotmail.com</a>
Gunfleet Sands		Merlin Jackson Phone: 07989 520484 Email: <a href="mailto:merlinjackson@btinternet.com">merlinjackson@btinternet.com</a>
Hornsea One	Phone: 07775005465 Email: <a href="mailto:HOWoffshoreC@orsted.com">HOWoffshoreC@orsted.com</a>	Nick Garside Phone: 07538 827013 Email: <a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a>
Hornsea Two	Phone: 07775005465 Email: <a href="mailto:HOW02offshoreC@orsted.com">HOW02offshoreC@orsted.com</a>	Nick Garside Phone: 07538 827013 Email: <a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a>

### Company Fisheries Liaison Officer

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

Lee Thompson

Email: [LEETH@orsted.com](mailto:LEETH@orsted.com)

### 3 Notice to Mariners Summary:

Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	OK	None	No	Drop down camera survey <sup>o****</sup>
Westermost Rough	Ok	None	None	Debris Clearance Survey
Lincs	OK	Yes	None	MBES Survey
Gunfleet Sands	OK	None	Yes	Generator and Gearbox Exchanges <sup>*o</sup>
Hornsea One	OK	None	Yes	Main Bearing Exchange <sup>*o</sup>
Hornsea Two	T29 – Fog signal constantly sounding. T25 Fog Signal inoperative N35 – Fog signal constantly sounding.	Yes	None	MBES Survey

- \* Formal 500m safety zone in place
- o Licensable activity
- \*\* 500m safety distance requested
- \*\*\* 100m 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

#### 4.2.1 Drop down camera survey

Start date: Approximately 13<sup>th</sup> November.


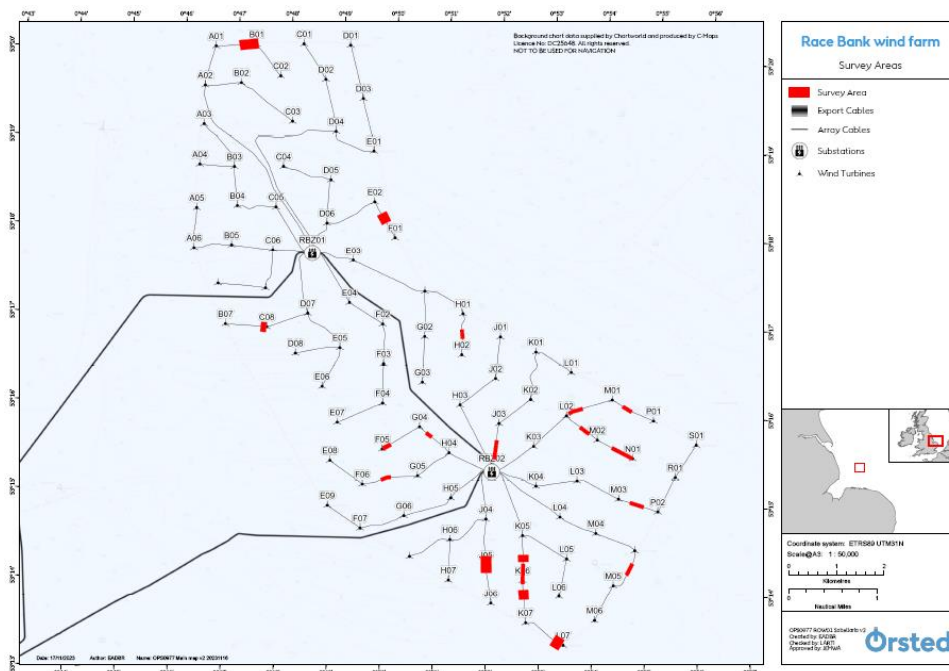
Duration of work scope: Approx 5 days

Description of work: Drop down camera (DDC) survey a various locations shown below.

Is this a licensed activity: Yes

Safety zone required: No, however survey work will include underwater photography at multiple locations (detailed below). Mariners are requested to remain a distance of 250m from “Isla B” when it is observed undertaking this survey work due to the survey equipment that will be in the water. The equipment will be lowered using a frame winch on the aft of the vessel.

General Information		Vessel Picture
<b>Name</b>	Isla B	
<b>Flag</b>	United Kingdom (GB)	
<b>Year Built</b>	1961	
<b>MMSI Number</b>	232007860	
<b>Call Sign</b>	MNVM2	
Vessel Contact Details		
<b>Bridge</b>	+44 (0) 7969559716	
<b>Party Chief</b>	Gary Robinson	
<b>Email</b>	<a href="mailto:Gary.robinson@ocean-ecology.com">Gary.robinson@ocean-ecology.com</a>	

## 5 Westernmost 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 Debris Clearance Survey

300x300m MBES survey around WTG B06 prior to jack-up operation.

Start date: October

Duration of work scope: 1 day

Description of work: 300x300m MBES survey around WTG B06

Is this a licensed activity: Yes/No No

Safety zone required. If Yes what distance? N

#### Vessel Information

General Information		Vessel Picture
Name	Spectrum 1	
Flag	UK	
Year Built	2009	
MMSI Number	235075021	
Call Sign	2CQX3	
Vessel Contact Details		
Bridge	07538 565561	
Party Chief	TBA	
Email	spectrum1@spectrum-offshore.com	




## 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 MBES Survey

Start date: Mid-October

Duration of work scope: 7 days

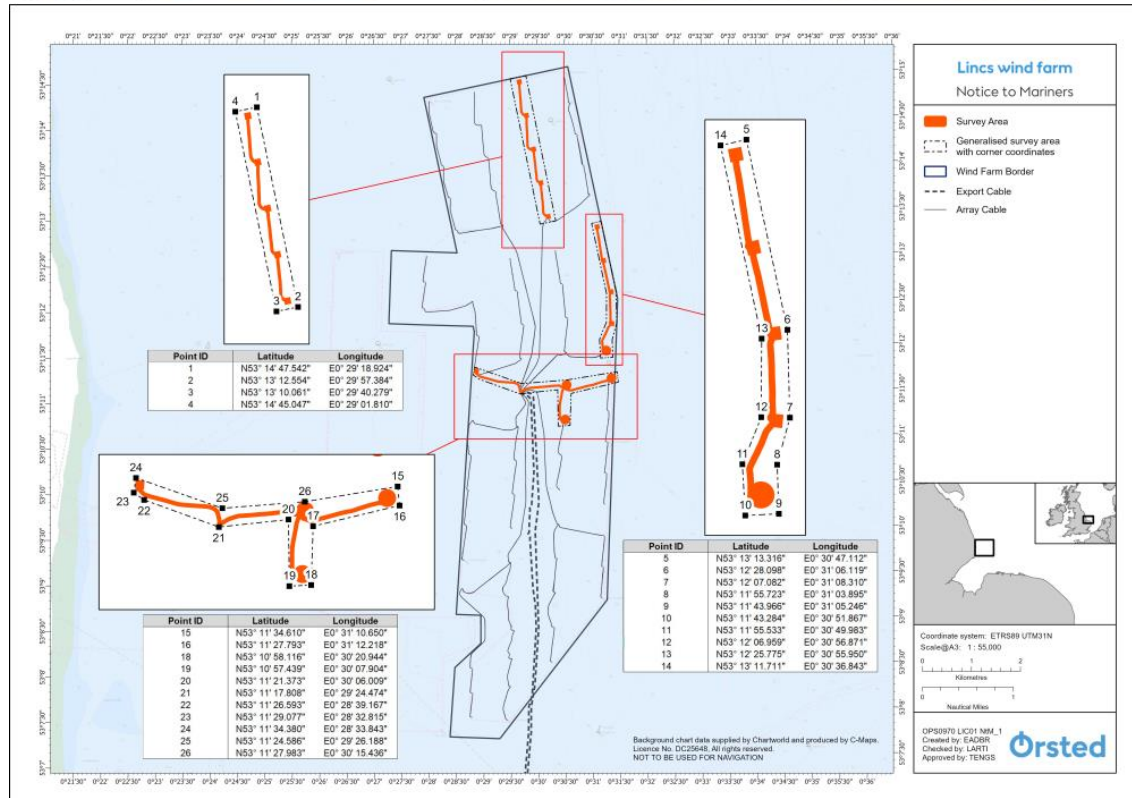
Description of work: MBES survey on selected WTG's and IAC's

Is this a licensed activity: Yes/No

Safety zone required. If Yes what distance? No

#### Vessel Information

General Information		Vessel Picture
Name	Deep Volans	
Flag	Netherlands	
Year Built	2008	
MMSI	245583000	
Call Sign	PETL	
Vessel Contact Details		
Bridge	GSM: +31610740045	
Party Chief	TBD	
Email	<a href="mailto:Deepvolans@deepbv.nl">Deepvolans@deepbv.nl</a>	



## 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 Generator and Gear Box Exchanges

Generator and Gearbox Exchange Campaign on Gunfleet Sands at locations A01, E05 & F06 and G09. Campaign is estimated to start Early November for 14 days.

Mariners must observe an approved exclusion zone of 500m whenever Wind Pioneer is on location at A01, E05, F06 and G09. A minimum separation distance of 500m is also requested when the vessel is observed manoeuvring into position.

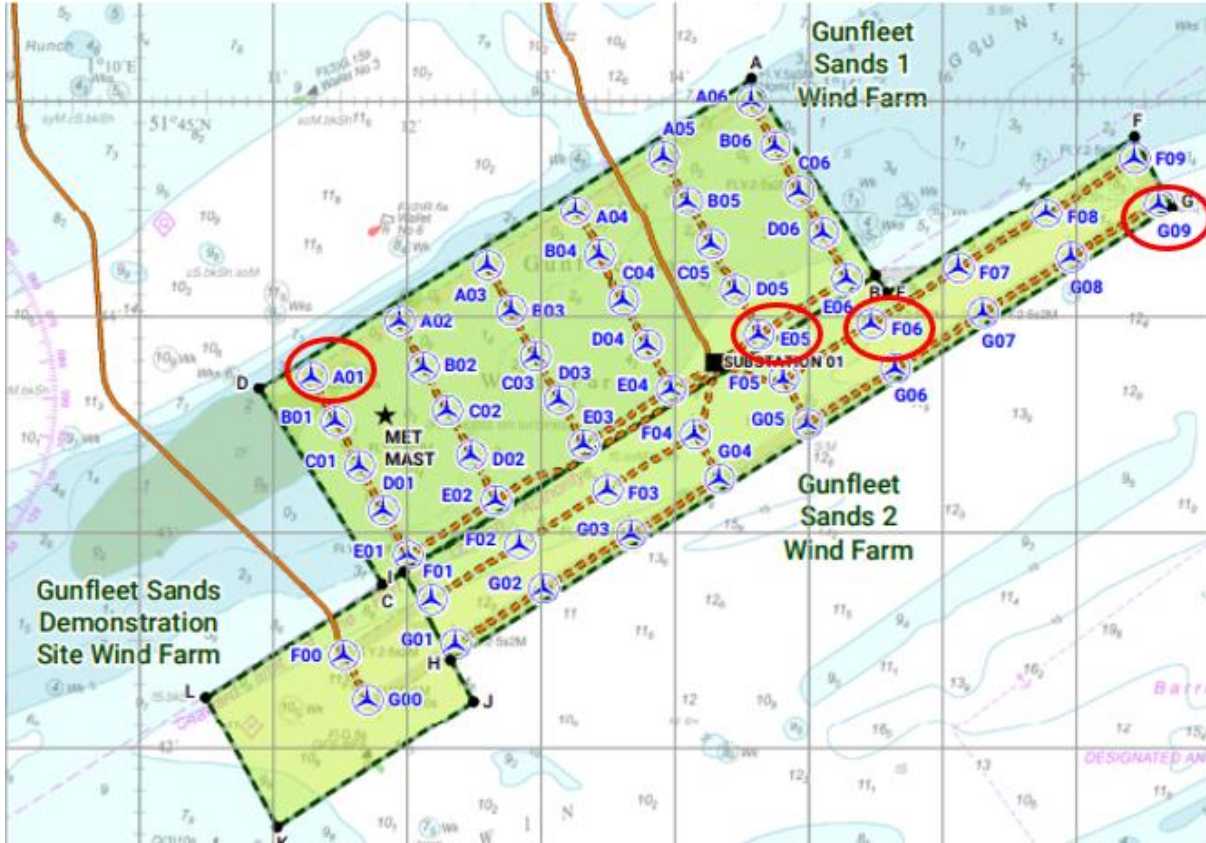
The Eden Rose CTV will be supporting this project.

#### Vessel Information

General Information		Vessel Picture
Name	Wind Pioneer	
Flag	Denmark	
Year Built	2010	
MMSI Number	219017684	
Call Sign	OWLA2	
Vessel Contact Details		
Bridge	+45 21 82 21 80	
Party Chief	Master: Michael olesen or Henrik Hertze	
Email	Master.windpioneer@ziton.eu	

General Information		Vessel Picture
Name	Eden Rose	
Flag	UK	
Year Built	2011	
MMSI	235092732	
Call Sign	2FNN5	
Vessel Contact Details		
Bridge	07852125057	
Party Chief	Jim Grierson	
Email	edenrose@tidal-transit.com	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
A01	51° 43.72379569' N	001° 11.28486667' E
E05	51° 43.92025376' N	001° 11.28486667' E
F06	51° 43.96934018' N	001° 15.45988728' E
G09	51° 44.53054719' N	001° 17.60718599' E



### 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_TO_01-UnidentifiedOther	F08-F09	13.4	1° 17.383' E	51° 44.721' N	1° 17.396' E	51° 44.723' N
GFS_MBES_TO_02-CableExposure	F08-F09	790.93	1° 16.787' E	51° 44.486' N	1° 17.376' E	51° 44.718' N
GFS_MBES_TO_03-CableExposure	F07-F08	533.19	1° 16.562' E	51° 44.401' N	1° 16.726' E	51° 44.466' N
GFS_MBES_TO_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

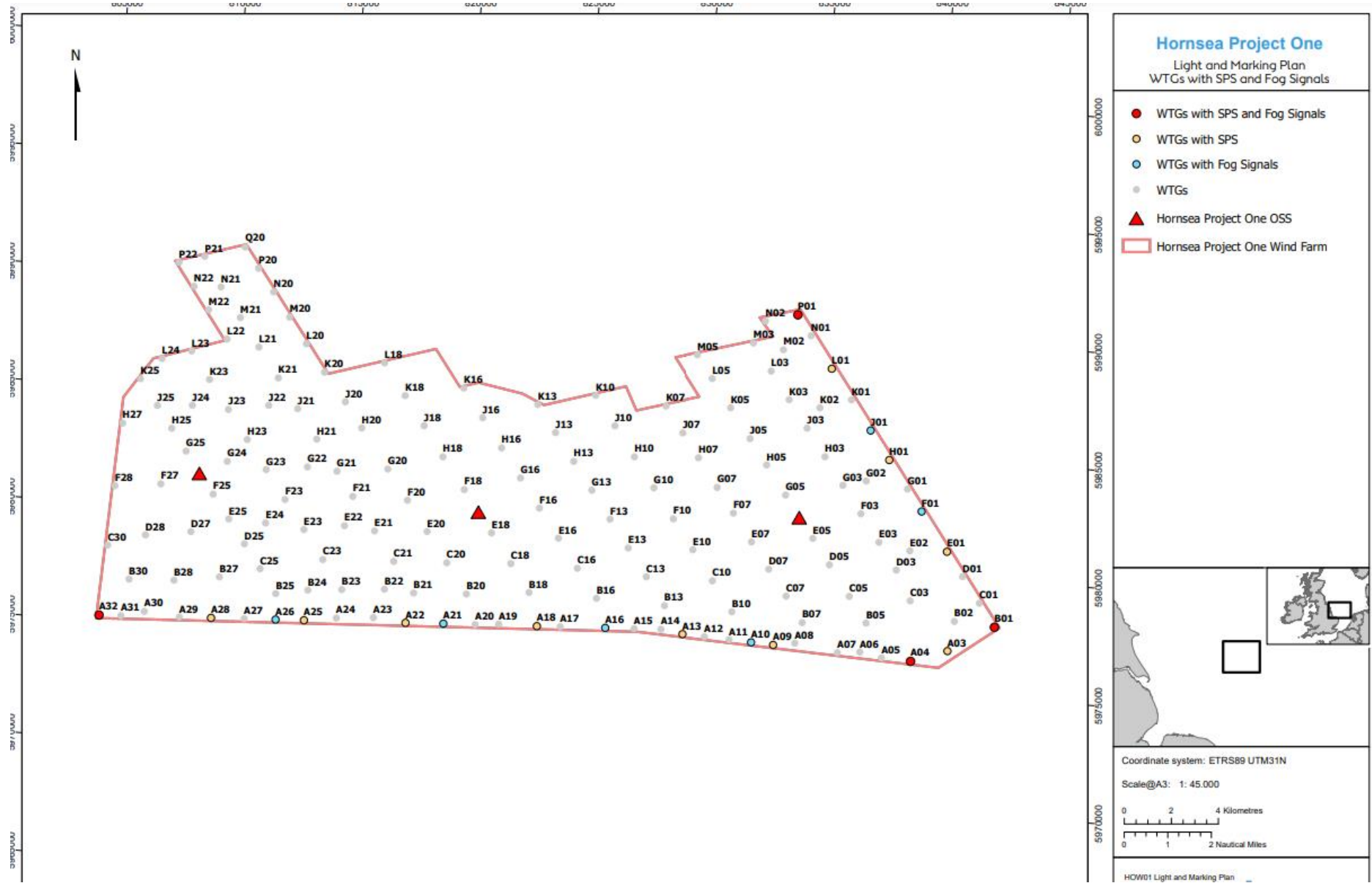
### 8.1 Lighting and Marking Status

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

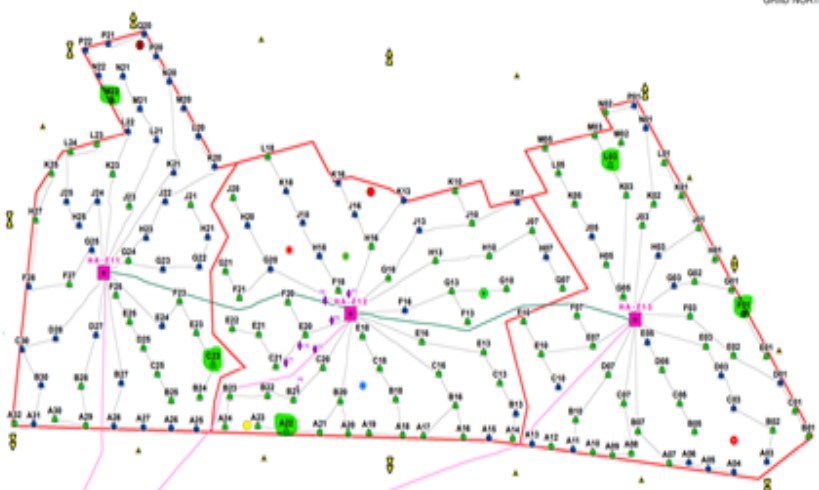
### 8.2.1 Main Bearing Exchange

Main Bearing Exchange Campaign on Hornsea 01 at A22, C23, M22,F01,L03. Campaign is estimated to start Early November for 30 days approx. A 500m exclusion zone will be required whilst the Jack Up vessel is in position at the turbines and whilst jacking up and down.

Mariners must observe an approved exclusion zone of 500m whenever Wind Enterprise is attached to C23, M22 and A22. A minimum separation distance of 500m is also requested when the vessel is observed manoeuvring into position.

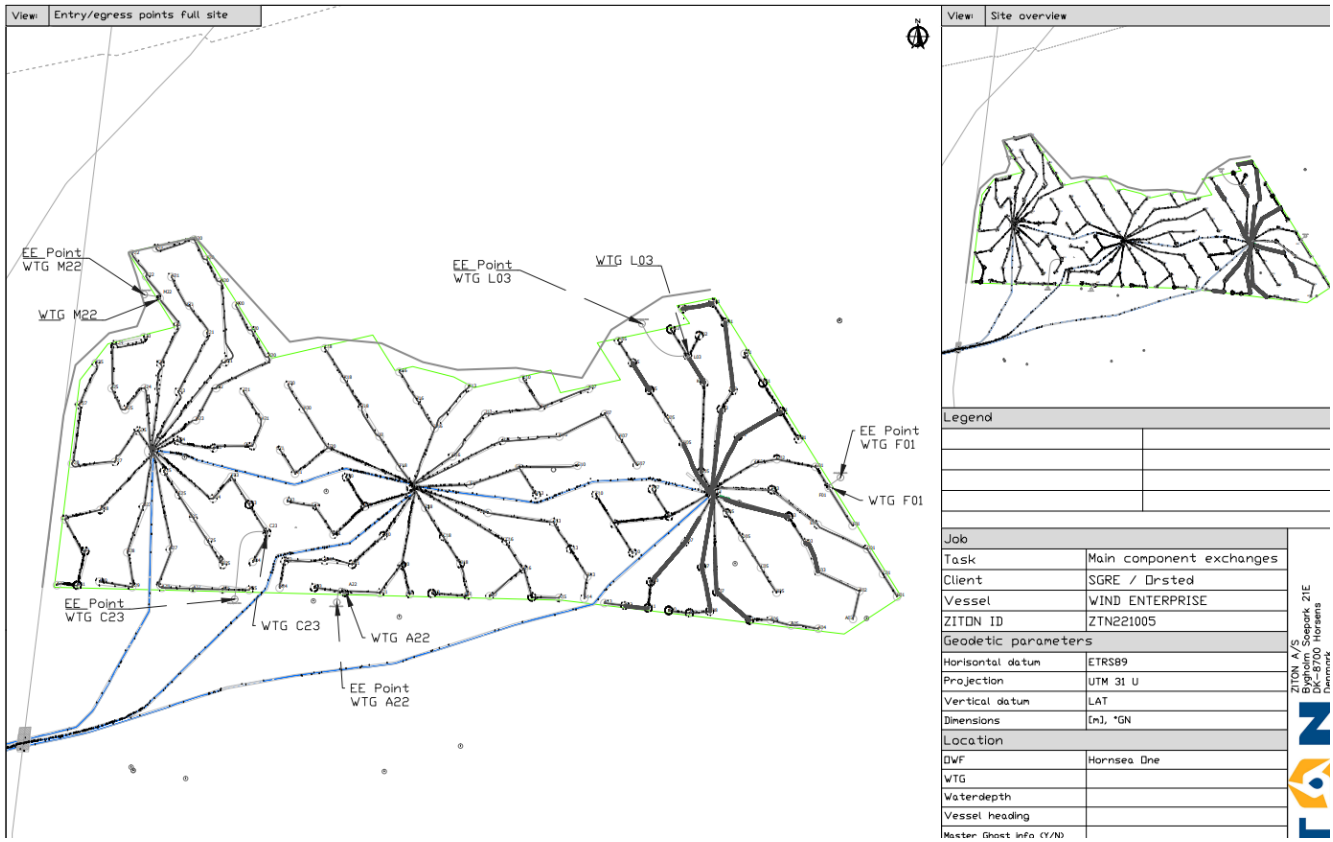
General Information		Vessel Picture
<b>Name</b>	Wind Enterprise	
<b>Flag</b>	Denmark	
<b>Year Built</b>	2011	
<b>MMSI Number</b>	219370000	
<b>Call Sign</b>	OZTU2	
Vessel Contact Details		
<b>Bridge</b>	+45 29 81 58 85	
<b>Email</b>	<a href="mailto:Master.windenterprise@ziton.eu">Master.windenterprise@ziton.eu</a>	

Coordinates example



WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
A22	53°50' 5.059" N	01°50' 57.533" E
C23	53°51' 30.170" N	01°47' 42.830" E
M22	53°57' 11.249" N	01°43' 6.43" E
F01	53°52' 48.086" N	02°10' 54.639" E
L03	53°55' 58.740" N	02°5' 0.167" E

Entry points for Wind Enterprise.



## 9 Hornsea Two – Notice to Mariners

### 9.1 Lighting and Marking Status

T29 fog signal is constantly sounding, this will be investigated at the earliest opportunity.

T25 fog signal is inoperative.

N35 fog signal is constantly sounding, this will be investigated at the earliest opportunity.

### 9.2 Other Operations

### 9.2.1 MBES Survey

Start date: Mid-September  
 Duration of work scope: 2 weeks  
 Description of work: Full site MBES survey incl. EC's to KP. 7  
 Is this a licensed activity: Yes/No  
 Safety zone required. If Yes what distance? No

#### Vessel Information

General Information		Vessel Picture
Name	Deep Breaker	
Flag	Panama	
Year Built	1956	
MMSI	371150000	
Call Sign	HP4641	
Vessel Contact Details		
Bridge	GSM: +31615367813 SAT: +31208085042	
Party Chief	TBD	
Email	<a href="mailto:breakersurvey57@gmail.com">breakersurvey57@gmail.com</a>	

General Information		Vessel Picture
Name	Deep Volans	
Flag	Netherlands	
Year Built	2008	
MMSI	245583000	
Call Sign	FETL	
Vessel Contact Details		
Bridge	GSM: +31610740045	
Party Chief	TBD	
Email	<a href="mailto:Deepvolans@deepbv.nl">Deepvolans@deepbv.nl</a>	