

Ørsted - East Coast Operational Assets

Notice to Mariners

Period of Notice: May 2025

Version: 9

Table of Contents

1	Introduction.....	3
2	Key Contacts	4
3	Amendments from Previous Revision.....	4
4	Notice to Mariners Summary:	5
5	Race Bank – Notice to Mariners	6
5.1	Lighting and Marking Status.....	6
5.2	Other Operations	6
6	Westermøst Rough – Notice to Mariners.....	6
6.1	Lighting and Marking Status.....	6
6.2	Other Operations	6
6.3	Cable Exposures	6
7	Lincs – Notice to Mariners.....	7
7.1	Lighting and Marking Status.....	7
7.2	Other Operations	7
7.2.1	Main Component Exchange	7
8	Gunfleet Sands – Notice to Mariners.....	8
8.1	Lighting and Marking Status.....	8
8.2	Other Operations	8
8.2.1	Subsea Inspections of foundations via ROV	8
8.3	Cable exposure.....	8
9	Hornsea One – Notice to Mariners.....	10
9.1	Lighting and Marking Status.....	10
9.2	Other Operations	10
9.2.1	C23 Requested 200m Risk of Dropped Objects	10
9.2.2	C23 Blade Repair Campaign 500m Safety Zone requested.....	10
9.2.3	Cargo Drone Operations	11
10	Hornsea Two – Notice to Mariners	12
10.1	Lighting and Marking Status.....	12
10.2	Other Operations	12
10.3	H37 Requested 200m Risk of Dropped Objects	12
10.4	Cargo Drone Operations	12
10.4.1	Blade Replacement at H37.....	13
10.4.2	BMU2 Export Cable Repair	13

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
- Westernmost 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 statuses.
- 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.
- Updates on cable burial status where available.



This NtM **will not provide:**

- Information relating to routine maintenance carried out by Crew Transfer Vessels (CTV) or Service Operation Vessels (SOV).
- Any information relating to non-Ørsted-owned assets, e.g. export cables owned by OFTOs.
- Any information relating to Ørsted-owned offshore wind farms that are currently in development or construction, or to offshore wind farms that are not owned by Ørsted.

Subsea Cables

Subsea cables are installed across all offshore wind farms and marked on Admiralty charts. Ørsted-owned subsea cables are also delineated on [KIS-ORCA](https://kis-orca.org/downloads/) charts and are available for download in Fishing Plotter file format <https://kis-orca.org/downloads/>. Mariners should 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 Admiralty charts and in MIN 604 issued by the MCA.

Within a 50m radius of the base of offshore wind turbines and offshore substations cable exposures are relatively common and relatively dynamic. In line with this, it is neither practical nor beneficial for this NtM to promulgate a running commentary detailing evolving cable burial status within these radii. Ørsted recommended that mariners always maintain a safe separation distance of >50m from wind turbines and substations. This NtM details sections of exposed cable that are located outwith these 50m radii. It is important to note that the position and extent of any cable exposures reported within this NtM is limited to the burial status observed when the survey was undertaken. Cable burial status will evolve over time, often rapidly. Mariners should not assume otherwise. Please review the site-specific pages below for further information.

Should mariners require further information, including any data in a Fish Plotter compatible format, please contact the Commercial Fisheries Manager Fisheries@orsted.com.

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:

Lee Thompson Email: LEETH@orsted.com
Callum Vale Email: CAVAL@orsted.com

3 Amendments from Previous Revision

Added/Updated	Removed	Description
10.1/4		T21 Marine Lantern extinguished
	4	T25 Marine Lantern extinguished – Hornsea Two
10.4.2		BMU2 Export Cable Repair
10.4.1		Blade replacement at H37 - Start date amended

4 Notice to Mariners Summary:

Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	S01 Foghorns Inoperable	None	None	
Westermose Rough	OK	None	None	
Lincs	OK	None	Yes	Main Component Exchange*
Gunfleet Sands	OK	None	None	
Hornsea One	A16—Fog Signal inoperable	None	None	Blade repair campaign ** Cargo Drone Operations**
Hornsea Two	T25 – Fog signal inoperable T21 – Marine Lanterns Inoperable	None	Yes	Cargo Drone Operations** Blade Replacement H37** BMU2 Export Cable Repair**

* Formal 500m safety zone in place

° 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.

5 Race Bank – Notice to Mariners

5.1 Lighting and Marking Status

S01 Foghorns Inoperable

5.2 Other Operations

No current other operations

6 Westernmost Rough – Notice to Mariners

6.1 Lighting and Marking Status

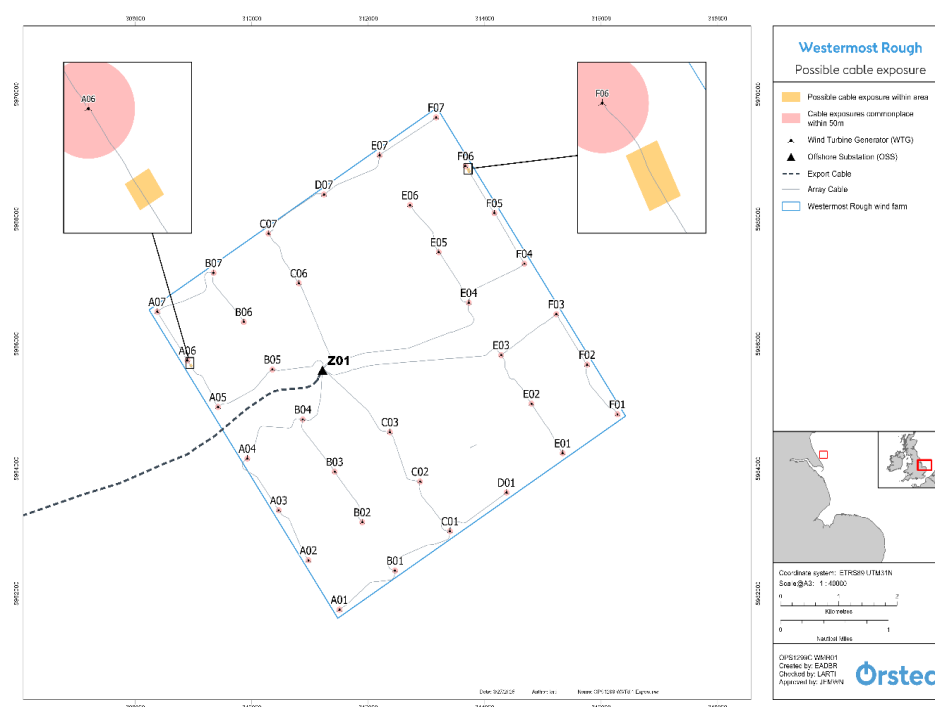
The lighting and/ or navigational warning systems are currently operational. No planned outages

6.2 Other Operations

No current other operations

6.3 Cable Exposures

As shown in the below chart, a survey undertaken in [July-August 2024] identified potential cable exposures at several locations beyond the commonplace exposures within the 50m radius around wind turbine and offshore substation foundations. The position and extent of the cable exposures shown in the below chart is limited to the burial status observed at the time of the survey. Cable burial status evolves over time, often rapidly. Mariners should not assume otherwise. Cable burial status is monitored periodically, and further information will be provided following future survey campaigns. Ørsted advises mariners to maintain care when operating within windfarm array areas.



7 Lincs – 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 Component Exchange

Start date: 1st May 2025.

Duration of work: 30 days (weather dependent)

Description of work: Exchange of components at 4 WTG locations (LS42, LS48, LS62 and LS63), then potentially 2 further locations (LS14 and LS10 or LS70). The works will use a Jack Up Vessel that will be lifted above the sea level and include use of a large crane.

Is this a licensed activity: Yes - covered by existing marine licence.

Safety zone required: Mariners must observe an approved safety zone of 500m whenever J/U Wind Pioneer is attached to a WTG. A minimum separation distance of 500m is also requested when the vessel is observed manoeuvring into position.

Vessel Information

General Information		Vessel Picture
Name	J/U WIND PIONEER	
Flag	Denmark	
Year Built	2010	
MMSI	219017684	
Call Sign	OWLA2	
Vessel Contact Details		
Bridge	+45 82 13 64 04 (VSAT Bridge)	
Master	Henrik Hentze and/or Simon Bové/ Michael Olsen	
Email	master.windpioneer@ziton.eu	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
LS42	53° 11' 46.295" N	000° 30' 14.235" E
LS48	53° 09' 30.264" N	000° 30' 12.061" E
LS62	53° 11' 29.281" N	000° 31' 02.814" E
LS63	53° 11' 08.726" N	000° 31' 02.816" E
LS14	53° 09' 08.482" N	000° 28' 29.347" E
LS10	53° 10' 36.386" N	000° 28' 33.342" E
LS70	53° 12' 46.666" N	000° 27' 36.611" E

8 Gunfleet Sands – Notice to Mariners

8.1 Lighting and Marking Status

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

8.2 Other Operations

8.2.1 Subsea Inspections of foundations via ROV

Start date: 9th May 2025


Duration of work: 10 days (weather dependent)

Description of work: Subsea inspections of foundations with ROV, 8 positions: A01, A03, B01, B06, D04, E05, G02, G08

Is this a licensed activity: No.

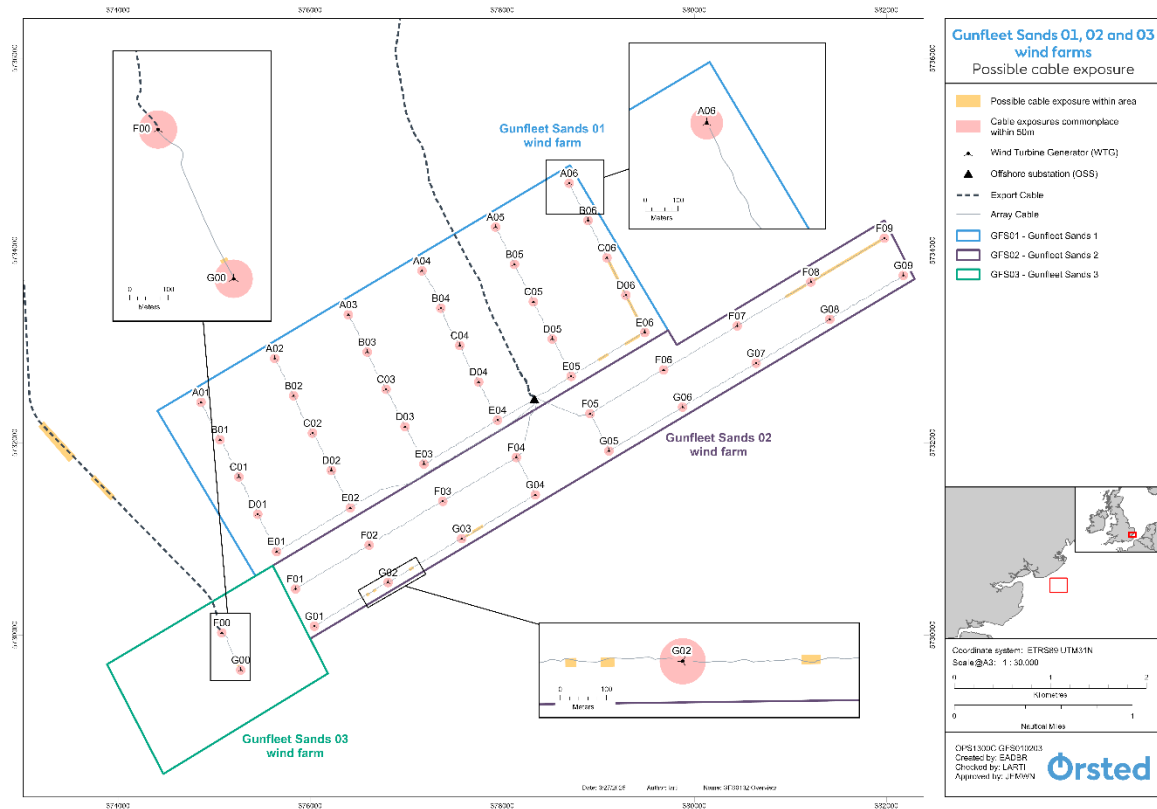
Safety zone required: Mariners are requested to remain safety zone of 250m whenever Farra Emer has the ROV within the water.

Vessel Information

General Information		Vessel Picture
Name:	Farra Emer	
Flag:	United Kingdom	
Year Built:	2022	
MMSI Number:	232046091	
Call Sign:	MNDD6	
Vessel Contact Details		
Bridge:		
Party Chief:		
Email:		

8.3 Cable exposure

As shown in the below chart, a survey undertaken in [July-August 2024] identified potential cable exposures at several locations beyond the commonplace exposures within 50m radius around wind turbine and offshore substation foundations. The position and extent of the cable exposures shown in the below chart is limited to the burial status observed at the time of the survey. Cable burial status evolves over time, often rapidly. Mariners should not assume otherwise. Cable burial status is monitored periodically, and further information will be provided following future survey campaigns. Ørsted advises mariners to maintain care when operating within our windfarm array areas.



As a result of a sedimentary surface and above average flow velocities, bathymetry within the Gunfleet Sands array area is constantly evolving.

9 Hornsea One – Notice to Mariners

9.1 Lighting and Marking Status

A16 - Fog signal inoperable.

Turbines situated on the Hornsea Project One / Two adjoining perimeter.

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

9.2 Other Operations

9.2.1 C23 Requested 200m Risk of Dropped Objects


Due to increased potential of dropped objects following damage located on a blade during routine inspections. Mariners are requested to remain at least 200m away from turbine C23.

9.2.2 C23 Blade Repair Campaign 500m Safety Zone requested

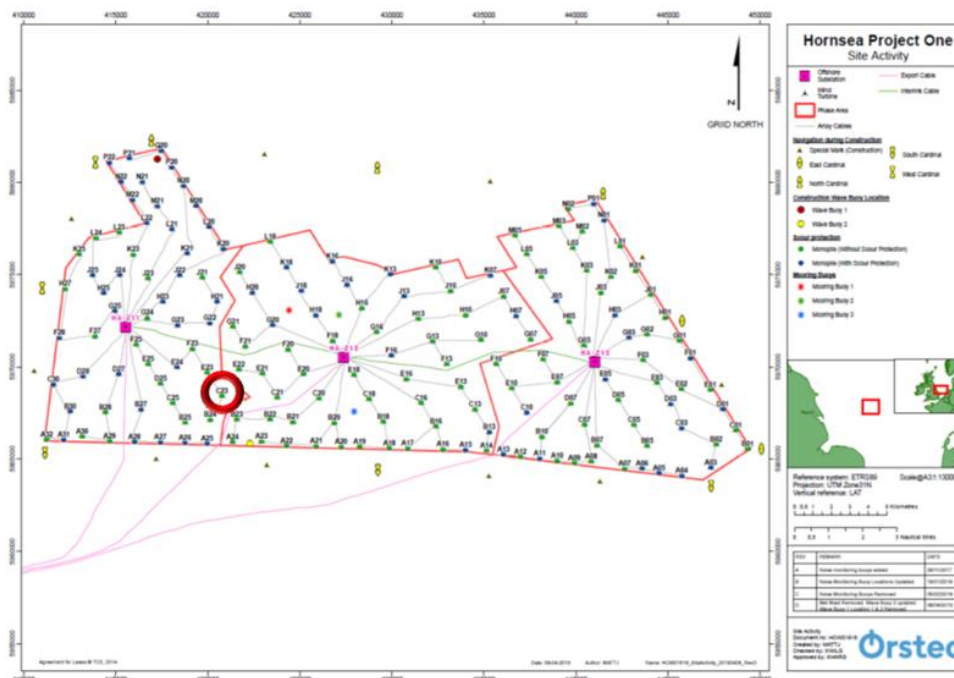
Mariners are requested to remain a distance of 500m when it is observed undertaking Rope Access works and where the vessel is pushed against a WTG. Campaign runs from the 30th of April for a duration of 12 days.

Start date:	30th April 25
Duration of work scope:	12 Days
Description of work:	C23 Blade Repair
Is this a licensed activity: Yes/No	
Safety zone required.	
If Yes what distance?	50m

Vessel Information


General Information		Vessel Picture
Name:	Northern Ocean	
Flag:	Denmark	
Year Built:	2018	
MMSI Number:	219034659	
Call Sign:		
OUS12		
Bridge:	162.050 MHz	
Party Chief:	122.230 MHz	
Email:	ocean.master@n-o-s.eu	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
C23	53° 51' 30.170" N	001° 47' 42.830" E



9.2.3 Cargo Drone Operations

Start date:	30/5/2025
Duration of work scope:	5 weeks
Description of work:	Cargo deployment from vessel to all wind turbines in both HOW01 & HOW02 using cargo drone.
Is this a licensed activity: Yes/No	No
Safety zone required. If Yes what distance?	Mariners are requested to remain a distance of 500m from vessel Haltball Star & Cargo Drones when they observed undertaking Cargo Drone Operations at a Wind Turbine.

General Information		Vessel Picture
Name:	Haltball Star	
Flag:	Norway	
Year Built:	1975	
MMSI Number:	258129000	
Call Sign:	LAWW3	
Vessel Contact Details		
Bridge:	: +4790528328	
Party Chief:	Roy Kvernoe roy@haltbakkbunkers.no	
Email:	hstar@haltbakkbunkers.no	

10 Hornsea Two – Notice to Mariners

10.1 Lighting and Marking Status

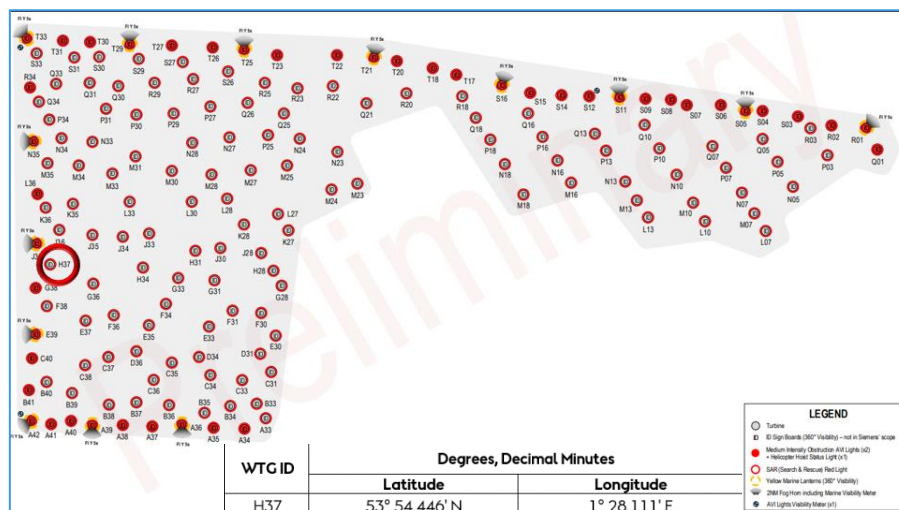
T25 Fog Signal inoperable
T21 Marine Lantern extinguished.

10.2 Other Operations

No Current projects/operations ongoing

10.3 H37 Requested 200m Risk of Dropped Objects

Due to increased potential of dropped objects following damage located on a blade during routine inspections. Mariners are requested to remain at least 200m away from turbine H37.



10.4 Cargo Drone Operations

Start date:	30/5/2025
Duration of work scope:	5 weeks
Description of work:	Cargo deployment from vessel to all wind turbines in both HOW01 & HOW02 using cargo drone.
Is this a licensed activity: Yes/No	No
Safety zone required. If Yes what distance?	Mariners are requested to remain a distance of 500m from vessel Haltball Star & Cargo Drones when they observed undertaking Cargo Drone Operations at a Wind Turbine.

General Information		Vessel Picture
Name:	Haltball Star	
Flag:	Norway	
Year Built:	1975	
MMSI Number:	258129000	
Call Sign:	LAWW3	
Vessel Contact Details		
Bridge:	: +4790528328	
Party Chief:	Roy Kvernoe roy@haltbakkbunkers.no	
Email:	hstar@haltbakkbunkers.no	

10.4.1 Blade Replacement at H37

Start date:	06/06/2025
Duration of work scope:	2 days
Description of work:	Blade replacement on HOW 2 H37
Is this a licensed activity: Yes/No	
Safety zone required. If Yes what distance?	500m

Vessel Information


General Information		Vessel Picture
Name:	Blue Tern	
Flag:	Malta	
Year Built:	2012	
MMSI Number:	215644000	
Call Sign:	9HA5208	
Vessel Contact Details		
Bridge:	As below	
Party Chief:	As below	
Email:	master.blt@fredolsen.com	

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
H37	53° 54' 26.729" N	1° 28' 6.654" E

10.4.2 BMU2 Export Cable Repair

Start date:	14.06.2025
Duration of work scope:	Until 01.07.2025 (estimated) Weather dependant. Campaign runs from the 14 th of June for a duration of 17 days.
Description of work:	<p>Export cable repair</p> <p>Cable recovery, cable jointing and cable laying including use of control flow excavator, cable stabilisation (rock bags)</p> <p>An HV failure has been detected on the export cable, BMU2 circuit, at approximately 27.8 km from the RCS, approx. 38km from shore, at Kilometer Point KP 37,920. Water depth is approx. 17m. The position is near the Viking Link cable crossing at approx. KP 38,500.</p>
Is this a licensed activity: Yes/No	Yes
Mariners to Note	Mariners are requested to remain a distance of 500m whilst the vessel is undertaking works.

Vessel Information

General Information		Vessel Picture
Name:	Skandi Inventor	
Flag:	Denmark	
Year Built:	2018	
MMSI Number:	219366000 (IMO 973935)	
Call Sign:	OYRS2	
Vessel Contact Details		
Bridge:	+45 8988 8147	
Party Chief:	+45 8988 8146	
Email:	inventor@dofgroup.com	