

### Ørsted - East Coast Operational Assets

### **Notice to Mariners**

### **Period of Notice: February 2021**

**Version: Issue 4** 



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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: <u>http://www.kis-orca.eu/downloads#.XWUTQUxFwjZ</u>. 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: <u>rowoffshorec@orsted.co.uk</u>	Ady Woods Phone: 07468 898948 Email: <u>firwoods@hotmail.com</u>
Westermost Rough	Phone: 07867 674941 Email: <u>wmroffshorec@orsted.co.uk</u>	Guy Pasco Phone: 07880 362082 Email: <u>guy@seascopefisheries.co.uk</u>
Lincs Gunfleet Sands	Phone: 07766443319 Email: <u>lincsoffshorec@orsted.co.uk</u>	Ady Woods Phone: 07468 898948 Email: <u>firwoods@hotmail.com</u> Merlin Jackson Phone: 07989 520484 Email: <u>merlinjackson@btinternet.com</u>
Hornsea One	Phone: 07775005465 Email: <u>HOWoffshoreC@orsted.co.uk</u>	Nick Garside Phone: 07538 827013 Email: <u>nick.garside@live.co.uk</u>

### **Company Fisheries Liaison Officer**

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

Courtney French Email: CONFR@Orsted.co.uk



Site	Lighting and Marking Status	Survey	Jack-Up Vessel	Other Works
Race Bank	ОК	None	None	Subsea inspections
Westermost Rough	ок	None	None	None, Subsea ROV inspections.
Lincs	ОК	None	None	HSS bearing
Gunfleet Sands	ОК	Yes	None	HSS bearing, Above water inspections.
Hornsea One	ок	None	None	Array cable campaign*°, Sub-station maintenance, Above Water Inspections.

#### 3 Notice to Mariners Summary:

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



### 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.

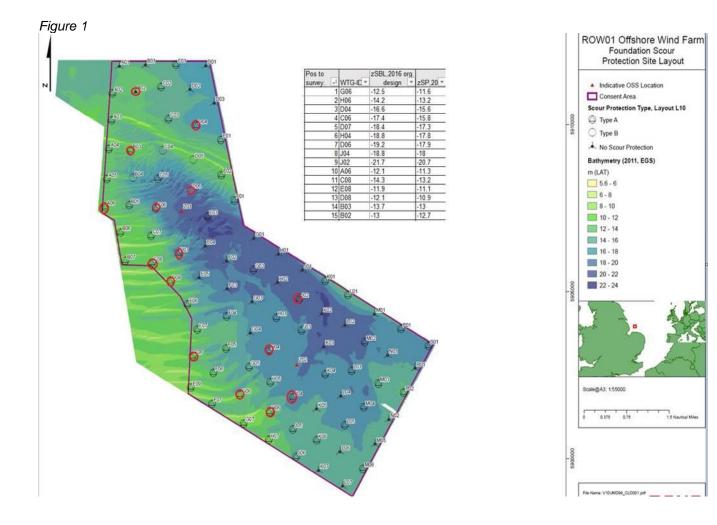
### 4.1.1 Subsea ROV Inspections

On the 17<sup>th</sup> February the HBC Achiever will be on site to conduct subsea inspections by the use of an ROV at the locations shown below. The scope is expected to last around 10 days.

### **Vessel Information**

	General Information	Vessel Picture	
Name	HBC Achiever		
Flag	DENMARK	<b>▲</b>	
Year Built	2014		
IMO/MMSI	9647978 / 219305000		
Call Sign	OWMH2		
Vessel Contact Details			
Bridge	+45 28 56 47 99 / +45 28 56 47 99	HE ALANTA	
Party Chief	Rafal Nierzwicki		
Email	achieverbridge@hbc-tec.dk		







### 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.

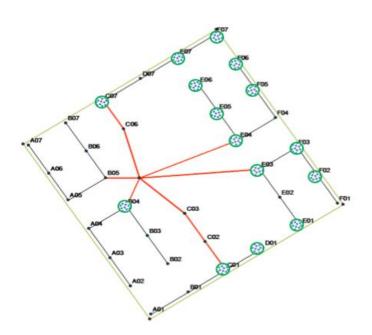
### 5.1.1 Subsea ROV Inspections

On the 25<sup>th</sup> February the HBC Achiever will be on site to conduct subsea inspections by the use of an ROV at the locations shown below. The scope is expected to last around 3 days.

### **Vessel Information**

	General Information	Vessel Picture	
Name	HBC Achiever		
Flag	DENMARK		
Year Built	2014		
IMO/MMSI	9647978 / 219305000		
Call Sign	OWMH2		
	Vessel Contact Details		
Bridge	+45 28 56 47 99 / +45 28 56 47 99	HE ADART	
Party Chief	Rafal Nierzwicki		
Email	achieverbridge@hbc-tec.dk		

Figure 2





#### Table 1

Turbine	Latitude	Longitude
B04	53°47.835' N	000°07.701' E
C01	53°46.924' N	000°10.067' E
E03	53°48.464' N	000°10.763' E
E04	53°48.904' N	000°10.228' E
F03	53°48.837' N	000°11.601' E
C07	53°49.426' N	000°07.054' E
D01	53°47.280' N	000°10.927' E
E01	53°47.640' N	000°11.783' E
E05	53°49.329' N	000°09.729' E
F02	53°48.413' N	000°12.113' E
E06	53°49.725' N	000°09.251' E
F05	53°49.687' N	000°10.576' E
E07	53°50.144' N	000°08.744' E
F07	53°50.492' N	000°09.609' E
F06	53°50.083' N	000°10.098' E
A05	53°47.911' N	000°06.369' E

### 6 Lincs – Notice to Mariners

### 6.1 Lighting and Marking Status

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

### 6.1.1 HSS Bearing replacement

On the 16<sup>th</sup> February we will be replacing the HSS bearing on several locations shown in table 1. The work is anticipated to last 14 days.

#### **Vessel Information**

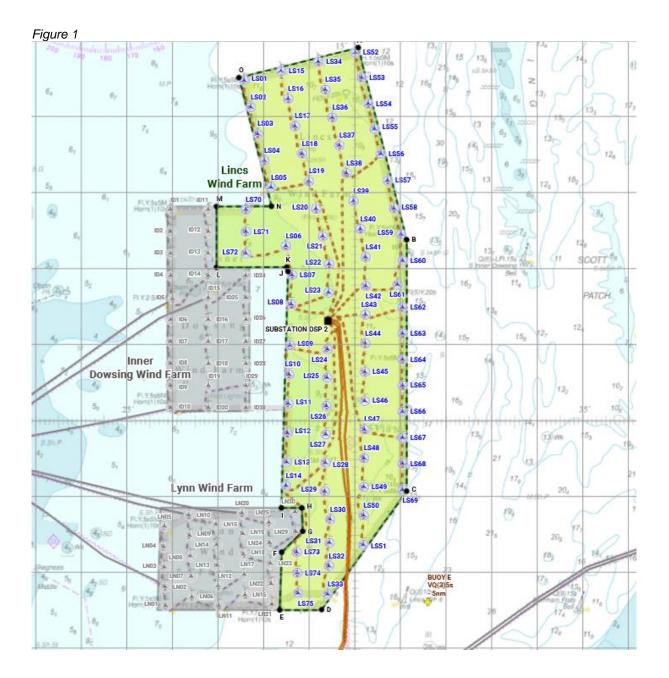
General Information		Vessel Picture	
Name	Ava Sofie	A MARTIN AND A MARTINA AND	
Flag	UK	J.	
Year Built	2013	the second secon	
IMO Number N/A		T	
Call Sign	2GYH5		
Vessel Contact Details		Strange and Strange an	
Bridge	07375548063	AVA SOFIE	
Party Chief	07375548063		
Email	avasofie@tidal-transit.com		

Table 1

WTG ID	Degrees, Decimal Minutes	
	Latitude	Longitude
LS07	LS07 53 11.917N	
LS54	53 12.170N	00 30.293E
LS52	53 14.843N	00 30.010E
LS59	53 12.451N	00 31.016E
LS06	53 12.299N	00 28.487E
LS10	53 10.607N	00 28.556E
LS23	53 11.687N	00 29.424E
LS61	53 11.790N	00 30.048E
LS72	53 12.198N 00 27.611E	







### 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.

### 7.1.1 HSS Bearing Replacement

We are replacing the HSS bearing on several locations shown in table 1. The work is due to last until mid-February.

Vessel details

General Information		Vessel Picture	
Name	Ava Sofie	A MARTIN AND A MARTINA AND	
Flag	UK	J.	
Year Built	2013	the second secon	
IMO Number N/A		The second secon	
Call Sign	2GYH5		
Vessel Contact Details		Strange and Strange with the second strange with the second strange with the second strange with the second strange strang	
Bridge	07375548063	AVA SOFIE	
Party Chief	07375548063		
Email	avasofie@tidal-transit.com		

Table 1

WTG	Latitude	Longitude
D02	51" 43.359'N	01" 12.478'E
C02	51" 43.565'N	01" 12.299'E
B01	51" 43.517'N	01" 11.464'E
D01	51" 43.103'N	01" 11.822'E
B06	51" 44.797'N	01" 14.744'E
B02	51" 43.773'N	01" 12.120'E
G03	51" 42.994'N	01" 13.671'E

### 7.1.2 Above Water Inspections

We have an ongoing campaign inspecting the WTG structures above water, the campaign is estimated to last into early March.

#### **Vessel Information**

	General Information	Vessel Picture
Name	Master P	
Flag	UK	
Year Built	2014	
IMO Number	Not registered due to size	
Call Sign	2HE07	
Vessel Contact Details		
Bridge	07816 296794	OTS THE REAL PROPERTY OF STREET
Party Chief	ТВС	
Email	masterp@offshoreturbinesservices.co.uk	Bettina Rohbrecht Settina Rohbrecht



### 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.

### 8.2 Other Operations

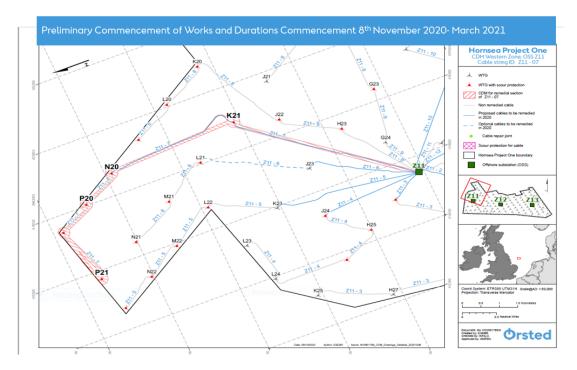
#### 8.2.1 Array cable remedial work

Remedial work will take place on HOW01 in the western section shown on figure 4 below. Work is due to commence on 9<sup>th</sup> November 2020 until February 2021.

There will also be a re-burial campaign in the Eastern section shown in figure 5 and table 1.

Mariners must observe an approved safety zone of 500m whenever The Livingstone, Havila Phoenix, Viking Neptune & Wind Innovation are next to an OSS or WTG. A minimum separation distance of 500m is also requested when the vessel is observed manoeuvring into position.

#### Figure 4





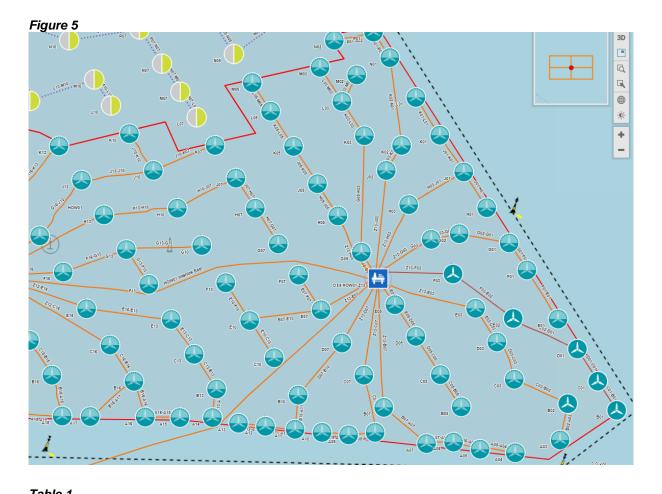


Table 1				
String ID	Burial Vessel	String ID	Burial Vessel	
	Havila Phoenix		Havila Phoenix	
Z13 – C07	01/12/20	B07 – A07	07/12/20	
Z13 – H05	01/12/20	Z13 – B07	08/12/20	
K03 – L03	02/12/20	D07 – B10	09/12/20	
G05 – K03	02/12/20	Z13 – D07	10/12/20	
Z13 – J03	04/12/20	Z13 – E03	01/12/20	
P01 – N02	04/12/20	Z13 - F03	01/12/20	
Z13 – H03	05/12/20	F03 - E02	01/12/20	
D03 – C03	06/12/20			



### **Vessel Information**

	General Information	Vessel Picture
Name	Havila Phoenix	
Flag	Bahamas	
Year	2009	
MMSI	311000229	and the second se
Call	C6BD2	and daugice
Vessel Contact Details		BALLER AND
Bridge	TBC	I MULA HIGHE OF B
Party	ТВС	
Chief		
Email	bridge.phoenix@havilaship.com	

0	General Information	Vessel Picture
Name	Living Stone	
Flag	NL	<b>#</b> . N
Year Built	2018	
MMSI	244010952	
Call Sign	9776925	
Vessel Contact Details		
Bridge	+4942151721919	
Party Chief	TBC	
Email		

	General Information	Vessel Picture
Name	Wind Innovation	
Flag	United Kingdom	<b>.</b> ↓
Year	1999	
MMSI	235113838	
Call	2IYP3	
Vessel C	ontact Details	
Bridge	<u>+45</u> 69669981	wind inneredea
Party Chief	TBC	c-bed FLOATING HOTELS
Email	<u>Bridge.wi@c-bed.com</u>	



	General Information	Vessel Picture		
Name	Viking Neptun	6		
Flag	Norway	15-		
Year Built	2015			
MMSI	258789000			
Call Sign	LAYH7			
	Vessel Contact Details			
Bridge	TBC			
Party Chief	ТВС			
Email	bridge.viking-neptun@eidesvik.no			

### Figure 5 HOW01 coordinates

ID	Structure	Latitude	Longitude				
A03	WTG	53° 49' 36.362" N	2° 11' 58.401" E				
A04	WTG	53° 49' 21.635" N	2° 10' 32.853' E				
A05	WTG	53° 49' 25.952" N	2° 9' 25.058" E				
A06	WTG	53° 49' 33,690" N	2° 8' 34.653° E				
A07	WTG	53° 49' 32.464" N	2° 7' 42.469" E				
80A	WTG	53° 49' 44.789" N	2° 6' 3.244" E				
409	WTG	53° 49' 41.917" N	2° 5' 12.846" E				
A10	WTG	53° 49' 45.144" N	2° 4' 21.583' E				
A11	WTG	53° 49' 48.364' N	2° 3' 30.317" E				
A12	WTG	53° 49' 51.969" N	2° 2' 32.812" E	C30	WTG	53° 51' 44.759" N	1° 39' 21.566*
A13	WTG	53° 49' 55.157" N	2° 1' 41.865* E	D01	WTG	53° 51' 19.036" N	2° 12' 31.748*
A14	WTG	53° 50' 1.402" N	2º 0' 51.654" E	D03	WTG	53° 51' 27.125" N	2° 9' 57.215" 8
A15	WTG	53° 50' 1.857" N	1° 59' 49.102" E	D05	WTG	53° 51' 33.204" N	2º 7 21.543"
A16	WTG	53° 50' 2.288" N	1° 58' 42.072" E	D07	WTG	53° 51' 26.092" N	2° 5' 0.231" E
A17	WTG	53° 50' 2.970" N	1° 56' 57.238* E	D25	WTG	53° 51' 49,986" N	1º 44' 39,770"
A18	WTG	53° 50' 3.298" N	1° 56' 3.042" E	D27	WTG	53° 52' 5.499" N	1º 42' 34.723"
A19	WTG	53° 50' 5.340" N	1º 54' 34.121" E	D28	WTG	53° 51' 59.883" N	1º 40' 49.047"
420	WTG	53° 50' 4.153" N	1° 53' 39.481" E	E01	WTG	53° 51' 53.062" N	2° 11' 54.701"
A21	WTG	53° 50' 4.804" N	1° 52' 25.513" E	E02	WTG	53° 51' 53.838" N	2° 10' 28.350"
A22	WTG	53° 50' 5.059' N	1° 50' 57.533" E	E03	WTG	53° 52' 5.000" N	2º 9' 15.872* 1
A23	WTG	53° 50' 11.478" N	1º 49' 42.519" E	EO5	WTG	53° 52' 9.257" N	2° 6' 42.135"
A24	WTG	53° 50' 10.027" N	1º 48' 16.430" E	E07	WTG	53° 52' 3.296" N	2° 4' 19.517" 8
A25	WTG	53° 50' 6.274" N	1º 47' 1.273" E	E10	WTG	53° 51' 51.400" N	2° 2' 3.364" E
A26	WTG	53° 50' 6.589" N	1° 45' 55.315' E	E13	WTG	53° 51' 52.670" N	1° 59' 32.740"
A27	WTG	53° 50' 6.928" N	1º 44' 42.213" E	E16	WTG	53° 52' 4.770" N	1° 56' 50.156*
A28	WTG	53° 50' 7.271" N	1° 43' 25.130" E	E18	WTG	53° 52' 10.657" N	1° 54' 14.317"
A29	WTG	53° 50' 7.587" N	1º 42' 11.275" E	E20	WTG	53° 52' 11.164" N	1° 51' 44,332"
A30	WTG	53° 50' 14.642' N	1º 40' 49.816' E	E21	WTG	53° 52' 10.815" N	1° 49' 42.004"
A31	WTG	53° 50' 8.135" N	1° 39' 55.428" E	E22	WTG	53° 52' 17.258' N	1° 48' 31.781* 1
A32	WTG	53° 50' 8.329" N	1° 39' 4.642" E	E23	WTG	53° 52' 11.044" N	1° 46' 57.697"
B01	WTG	53° 50' 9.901" N	2° 13' 47.045" E	E24	WTG	53° 52' 19.198" N	1° 45' 28.085'
BO2	WTG	53° 50' 17.294" N	2° 12' 13.611" E	E25	WTG	53° 52' 23.825" N	1° 44' 2.344"
B05	WTG	53° 50' 13.568" N	2° 8' 48,444" E	F01	WTG	53° 52' 48.086" N	2° 10' 54.639"
B07	WTG	53° 50' 13.231" N	2º 6' 19.895" E	F03	WTG	53° 52' 43.967" N	2° 8' 33.310" 8
B10	WTG	53° 50' 26.838" N	2° 3' 35.969" E	F07	WTG	53° 52' 42.594" N	2° 3' 36.484"
B13	WTG	53° 50' 33.950" N	2° 0' 59.064" E	F10	WTG	53° 52' 33.673" N	2° 1' 17.023" E
B16	WTG	53° 50' 42.731" N	1° 58' 20.716" E	F13	WTG	53° 52' 32.023" N	1° 58' 49.544'
B18	WTG	53° 50' 49.438" N	1º 55' 43.634" E	F16	WTG	53° 52' 45.823" N	1° 56' 5.028" 8
B20	WTG	53° 50' 46.022" N	1° 53' 18.081" E	F18	WTG	53° 53' 9.705" N	1° 53' 9.308" 8
B21	WTG	53° 50' 46.266" N	1º 51' 15.197" E	F20	WTG	53° 52' 53.727" N	1° 50' 57.418*
B22	WTG	53° 50' 50.737" N	1° 50' 7.208" E	F21	WTG	53° 52' 57.834" N	1° 48' 50.122"
B23	WTG	53° 50' 49.291" N	1° 48' 27.938" E	F23	WTG	53° 52' 51.913' N	1º 46' 12.540"
B24	WTG	53° 50' 47.725" N	1º 47' 9.129' E	F25	WTG	53° 52' 57.661" N	1° 43' 24.901"
B25	WTG	53° 50' 42.299" N	1° 45' 54.571" E	F27	WTG	53° 53' 10.480" N	1° 41' 22.750*
B27	WTG	53° 51' 3.865" N	1º 43' 42.917" E	F28	WTG	53° 53' 6.724" N	1° 39' 35.969"
B28	WTG	53° 50' 58.198" N	1° 41' 57.356" E	G01	WTG	53° 53' 18.707" N	2° 10' 21.214"
B30	WTG	53° 50' 58.492" N	1° 40' 12.842" E	G02	WTG	53° 53' 29.078" N	2° 8' 44.887"
COI	WTG	53° 50' 42.749" N	2° 13' 11.280" E	C03	WTG	53° 53' 22.930" N	2° 7' 50.725"
C03	WTG	53° 50' 44.945" N	2º 10' 30.295" E	G05	WTG	53° 53' 8.418" N	2° 5' 37.418" 1
C05	WTG	53° 50' 50.038" N	2° 8' 8.696" E	C07	WTG	53° 53' 17.692' N	2° 2' 58.029"
207	WTG	53° 50' 49.261" N	2° 5' 41.602" E	G10	WTG	53° 53' 15.940" N	2° 0' 30.655*
C10	WTG	53° 51' 9.122" N	2° 2' 49.679" E	G13	WTG	53° 53' 11.371" N	1° 58' 6.326"
C13	WTG	53° 51' 13.312' N	2° 0' 15.913" E	G16	WTG	53° 53' 26.870" N	1° 55' 19.875'
C16	WTG	53° 51' 23.712" N	1º 57' 35.260" E	G20	WTG	53° 53' 36.285' N	1° 50' 10.477*
C18	WTG	53° 51' 28.777' N	1° 55' 0.387" E	G21	WTG	53° 53' 32.086" N	1° 48' 12.302*
C10 C20	WTG	53° 51' 28.596" N	1° 52' 31.220" E	G22	WTG	53° 53' 37.322" N	1° 47' 3.356" 1
C20	WTG	53° 51' 29.321" N	1° 50' 27.756* E	G23	WTG	53° 53' 32.777" N	1º 45' 27.359'
441	the second s	53° 51' 30.170" N	1° 47' 42.830" E	G24 G25	WTG WTG	53° 53' 43.034" N 53° 53' 56.193" N	1° 43' 56.495" 1° 42' 20.081"
C23	WTG						

H03	WTG	53° 54' 1.889" N	2° 7' 8.119' E
HOS	WTG	53° 53' 49.595" N	2° 4' 52 339' E
H07	WTG	53° 53' 58.250" N	2° 2' 13.562" E
H10	WTG	53° 53' 58 203' N	1º 59' 44.261" E
H13	WTG	53° 53' 50.715" N	1° 57' 23.085" E
HIG	WTG	53° 54' 7.913" N	1º 54' 34.697" E
HIB	WTG	53° 53' 54.332" N	1° 52' 18.349' E
		53° 54' 32,240" N	
H20	WTG	and the second se	1º 49' 8.214" E
H21	WTG	53° 54' 15.717' N	1º 47' 23.896' E
H23	WTG	53° 54' 13.636' N	1° 44' 42.152" E
H25	WTG	53° 54' 27.208" N	1° 41' 45.708' E
H27	WTG	53° 54' 33.076' N	1º 39' 51.158" E
101	WTG	53° 54' 38.756" N	2° 8' 53.756' E
103	WTG	53° 54' 40.844" N	2° 6' 25.490" E
105	WTG	53° 54' 25.489' N	2° 4' 13.018" E
J07	WTG	53° 54' 32.071" N	2° 1' 36.460" E
JIO	WTG	53° 54' 40.460' N	1° 58' 57.842° E
J13	WTG	53° 54' 30.055' N	1º 56' 39.821" E
J10	WTG	53° 54' 48.951" N	1º 53' 49.494" E
J18	WTG	53° 54' 36.702" N	1º 51' 33.414" E
J20	WTG	53° 55' 7.841" N	1° 48' 29.133" E
J21	WTG	53° 54' 57.164" N	1º 46' 38.273" E
122	WTG	53° 55' 1.037" N	1º 45' 30.774" E
		53° 54' 54.490" N	1° 43' 50.922" E
J23	WTG		
J24	WTG	53° 54' 59.363° N	1º 42' 32.793' E
J25	WTG	53° 54' 58.220" N	1º 41 11.321 E
K01	WTG	53° 55' 20.531" N	2° 8' 8.070° E
K02	WTG	53° 55' 9.158' N	2° 6' 54.890' E
K03	WTG	53° 55' 19.794" N	2° 5' 42.840" E
K05	WTG	53° 55' 7.572" N	2° 3' 20.888" E
K07	WTG	53° 55' 8.764" N	2° 0' 56.185" E
K10	WTG	53° 55' 22.065" N	1° 58' 12.108" E
K13	WTG	53° 55' 8.466" N	1° 55' 57.552" E
K16	WTG	53° 55' 29.495" N	1º 53' 4.806' E
K18	WTG	53° 55' 17.753' N	1° 50' 48.118" E
K20	WTG	53° 55' 47.974" N	1º 47' 39.416" E
K21	WTG	53° 55' 39,082" N	1° 45' 51.890" E
K23	WTG	53° 55' 35.340" N	1º 43' 11.000' E
K25	WTG	53° 55' 34.661" N	1º 40' 30.893* E
LOI	WTG	53° 50' 3.134" N	2° 7' 21.448" E
		53° 55' 58.740" N	
L03	WTG	and the second se	2° 5' 0.167" E
LOS	WTG	53° 55' 47.400" N	2° 2' 43.201' E
L18	WTG	53° 50' 2.272" N	1° 49' 58.901" E
L20	WTG	53° 56' 26.853° N	1º 46' 56.064' E
L21	WTG	53° 56' 21.088" N	1° 45' 5.390" E
L22	WTG	53° 50' 31.415' N	1º 43' 50.684' E
L23	WTG	53° 56' 14.047" N	1° 42' 28.756" E
L24	WTG	53° 50' 3.070" N	1° 41' 20.144" E
M02	WTG	53° 56' 28.418" N	2° 5' 28.078" E
M03	WTG	53° 56' 37.189" N	2° 4' 18.012' E
M05	WTG	53° 56' 19,915' N	2° 2' 7.514" E
M20	WTG	53" 57' 2.945" N	1* 46' 15.897' E
M21	WTG	53° 57' 1.186' N	1º 44' 20.968" E
M22	WTG	53° 57 11.249' N	1° 43' 6.483" E
N01	WTG	53° 56' 48.110" N	2° 6' 32.147' E
N02	WTG	53° 57' 7.493' N	2° 4' 45.238' E
N20	WTG	53° 57' 37.337' N	1° 45' 37.518" E
N21	WTG	53° 57' 42.938" N	1º 43' 34.081" E
N22	WTG	53° 57' 43.069' N	1º 42' 31.534' E
P01	WTG	53° 57 16.754' N	2° 6' 0.804" E
P20	WTG	53° 58' 9.550" N	1º 45' 1.601" E
P21	WTG	53° 58' 24.599" N	1º 42' 55.249' E
P22	WTG	53° 58' 15.790" N	1º 41 55.576' E
	WTG	53° 58' 38.484' N	1° 44' 29.435" E
Q20	OSS	1º 42' 51.851' E	53° 53' 26.979" N
Z11			
Z12	OSS	1° 53' 42.938" E	53° 52' 40.210' N
Z13	OSS	2° 06' 09.807" E	53° 52' 38.856' N
Z01	RCS	0° 56' 09.864' E	53° 37' 39.301" N

#### 8.2.2 Offshore substation routine maintenance

On the 10<sup>th</sup> February the Normand Jarl will be on site for 2-3 weeks conducting routine maintenance on all of the sub-station platforms.

#### Vessel details

	General Information	Vessel Picture
Name	Normand Jarl	ALL PLACE ALL
Flag	Norwegian	2 North Hand
Year Built	2013	
IMO/MMSI	9661170	
Call Sign	LACE8	
	Vessel Contact Details	an a start starting and the starting
Bridge	+4746280495	2 4, 0 8
Party Chief	Frederik Nielsen	
Email	master@jarl.solstad.com	

#### 8.2.3 Above Water Inspection

On the 10<sup>th</sup> February the Normand Jarl will be on site for 2-3 weeks conducting routine maintenance on several locations, the locations are yet to be determined.

### Vessel details

	General Information	Vessel Picture
Name	MCS Pampero	a service of the serv
Flag	GB	Par I have a state of the second state of the
Year Built	2012	
IMO/MMSI	9678628	
Call Sign	2FKV2	
	Vessel Contact Details	
Bridge	01475 830709	A REPART
Party Chief	Jordan Horne	
Email	mcspampero@maritimecraft.co.uk	0 c.brouwer Unite To ffe com

