

# Hornsea 2 Offshore Wind Farm

## WEEKLY STATUS REPORT Including HOW01 Array Cable Repair Campaign

Week Commencing: 24/08/2020 WK 35  
Notice no: 018  
21/08/2020



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# 1. Ørsted Marine and Helicopter Co-ordination Centre (MHCC)

MHCC Routine Enquiries (24 hours)	+44 (0) 207 811 1171
MHCC Emergency Number (24 hours)	+44 (0) 207 811 1170
Email	MHCC_HOW02_ADM@orsted.co.uk

Safety Information – Advisory until Safety Zone application is approved

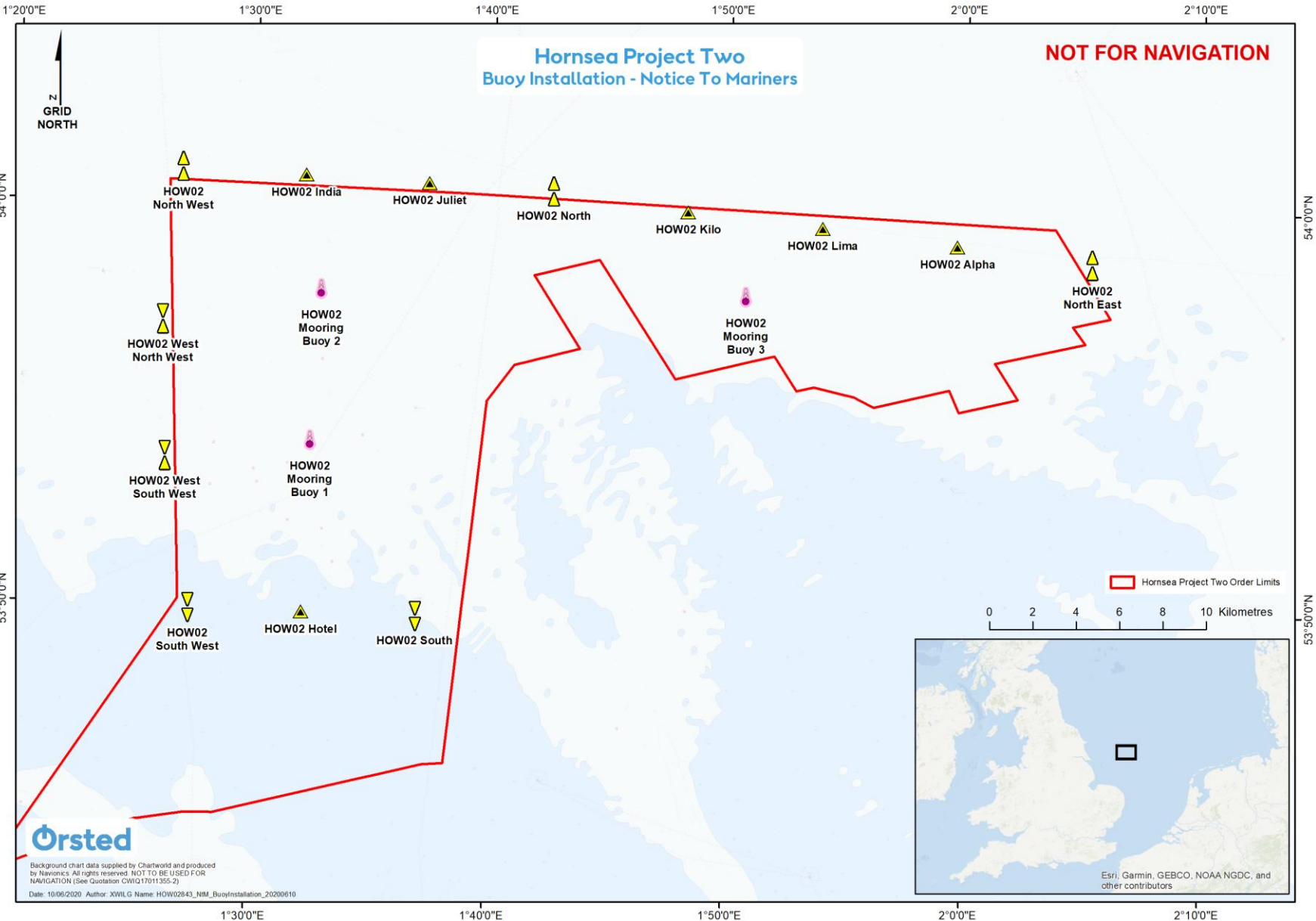
- All vessel not involved in construction activities are requested to keep a 500m safety distance from construction and dive support vessels whilst transiting the area
- All vessels should proceed with caution whilst navigating and/or working in the area and be aware of the statutory 50m safety zone around each fixed asset
- Discrepancies identified between coordinates should be questioned immediately to Ørsted. Information is supplied on a 'not for navigation' basis. All coordinated are WGS84 unless stated otherwise

## 2. HOW02 Deployed navigation aids and buoys

Buoy Name	Longitude (WGS84)	Latitude (WGS84)	Buoy Name	Longitude (WGS84)	Latitude (WGS84)
HOW02 Alpha	1° 59.629' E	53° 59.161' N	HOW02 West South West	1° 26.344' E	53° 53.645' N
HOW02 Hotel	1° 32.225' E	53° 49.820' N	HOW02 West North West	1° 26.152' E	53° 57.041' N
HOW02 India	1° 32.092' E	54° 0.692' N	HOW02 Kilo	1° 48.240' E	53° 59.930' N
HOW02 Juliet	1° 37.306' E	54° 0.542' N	HOW02 Lima	1° 53.935' E	53° 59.573' N
Mooring Buoy 1	1° 32.447' E	53° 53.993' N	HOW02 North East	2° 5.322' E	53° 58.750' N
Mooring Buoy 2	1° 32.808' E	53° 57.757' N	HOW02 North West	1° 26.877' E	54° 0.842' N
Mooring Buoy 3	1° 50.716' E	53° 57.735' N	HOW02 South	1° 37.014' E	53° 49.769' N
HOW02 North	1° 42.544' E	54° 0.395' N	HOW02 South West	1° 27.442' E	53° 49.872' N

Buoy Name	Longitude (WGS84)	Latitude (WGS84)
HOW02 RCS North	0° 55.936' E	53° 38.269' N
HOW02 RCS East	0° 56.357' E	53° 37.897' N
HOW02 RCS West	0° 55.560' E	53° 37.830' N

# HOW02 Demarcation Buoys



# HOW02 RCS Buoys

0°54'0"E

0°56'0"E

0°58'0"E

**Hornsea Project Two**  
Reactive Compensation Station Construction Buoys

**NOT FOR NAVIGATION**

N  
GRID  
NORTH

53°38'0"N

53°38'0"N

HOW02 RCS  
NORTH

HOW02  
RCS WEST

HOW02  
RCS EAST




Buoy Name	Latitude	Longitude
HOW02 RCS NORTH	53° 38,269' N	0° 55,936' E
HOW02 RCS EAST	53° 37,897' N	0° 56,357' E
HOW02 RCS WEST	53° 37,830' N	0° 55,560' E

0 200 400 600 800 1,000 Metres

**Orsted**

Background chart data supplied by Chartworld and produced by Navionics. All rights reserved. NOT TO BE USED FOR NAVIGATION! (See Qualification 017011355-2)

Date: 10-06-2020 Author: MATT J Name: HOW0241\_RCS\_Buoys\_And\_Coords\_20200610

-  Hornsea Project Two Reactive Compensation Station
-  Construction Buoy Position
-  Hornsea Project Two Order Limits



0°54'0"E

0°56'0"E






0°58'0"E

### 3. HOW02 Vessels Operations and Activities

Operations / Package	Vessel(s)	Comments
Construction	MHO Grimsby	Personnel Transfer / Survey
Export Cable Installation	Coastal Challenger Maagd BOKA Falcon MTSL Avocet Ndurance Dutch Power Lingestroom	AHT Transportation Barge Trenching Trials CTV Cable Lay Vessel AHT AHT
Array Cable Installation	Seven Falcon	Boulder Clearance


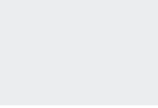



# 4. HOW02 Vessel Update

## Vessels Currently On Site

Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
<b>GUARD VESSELS</b>									
TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
<b>CREW TRANSFER VESSELS</b>									
	MHO Grimsby	219025992	+45 53 65 46 45	<a href="mailto:Mho-Grimsby@mho-co.dk">Mho-Grimsby@mho-co.dk</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	01.04.2020	Construction	04.05.2020
	MTSL Avcocet	235082698	+870 773 061 938	<a href="mailto:mailto:mtsl.avcocet@gardline.com">mailto:mtsl.avcocet@gardline.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	28/07/2020	Export Cable Installation	01.08.2020
<b>OTHER VESSELS</b>									
	Seven Falcon	235084424	+44 1224 568934	<a href="mailto:Sevenfalcon.bridge@subsea7.com">Sevenfalcon.bridge@subsea7.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	21.06.2020	Array Cable Boulder Clearance	20.06.2020
	Ivero	232013165	+870 773 991 015	<a href="mailto:master@ivero.gardline.co.uk">master@ivero.gardline.co.uk</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	20.07.2020	Export Cable Installation	01.05.2020
	BOKA Falcon	205787000	+870 773 308 429	<a href="mailto:bokafalcon-bridge@boskalis.com">bokafalcon-bridge@boskalis.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	02.08.2020	Export Cable Installation	TBC

# HOW02 Vessel Update

Vessels Currently On Site continued.....

Vessel Details			Vessel Communications				Work Schedule		VCC
Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
<b>OTHER VESSELS</b>									
	Coastal Challenger	244913000	+31 85 00 90 585	<a href="mailto:challenger@coastalworkboats.com">challenger@coastalworkboats.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	03.08.2020	Export Cable Installation	29.05.2020
	Maagd	N/A	N/A	<a href="#">N/A</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	03.08.2020	Export Cable Installation	02.08.2020
	Ndurance	209851000	+31 6 51090370	<a href="mailto:Ndurance-Captain@boskalis.com">Ndurance-Captain@boskalis.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	11.08.2020	Export Cable Installation	17.08.2020
	Dutch Power	246607000	TBC	<a href="#">TBC</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	11.08.2020	Export Cable Installation	15.08.2020
	Lingestroom	244016000	+31 612 441 220	<a href="mailto:lingestroom@wijngaarden.com">lingestroom@wijngaarden.com</a>	VHF	Ch. 16 & P1 @ 162.050 MHz	11.08.2020	Export Cable Installation	15.08.2020

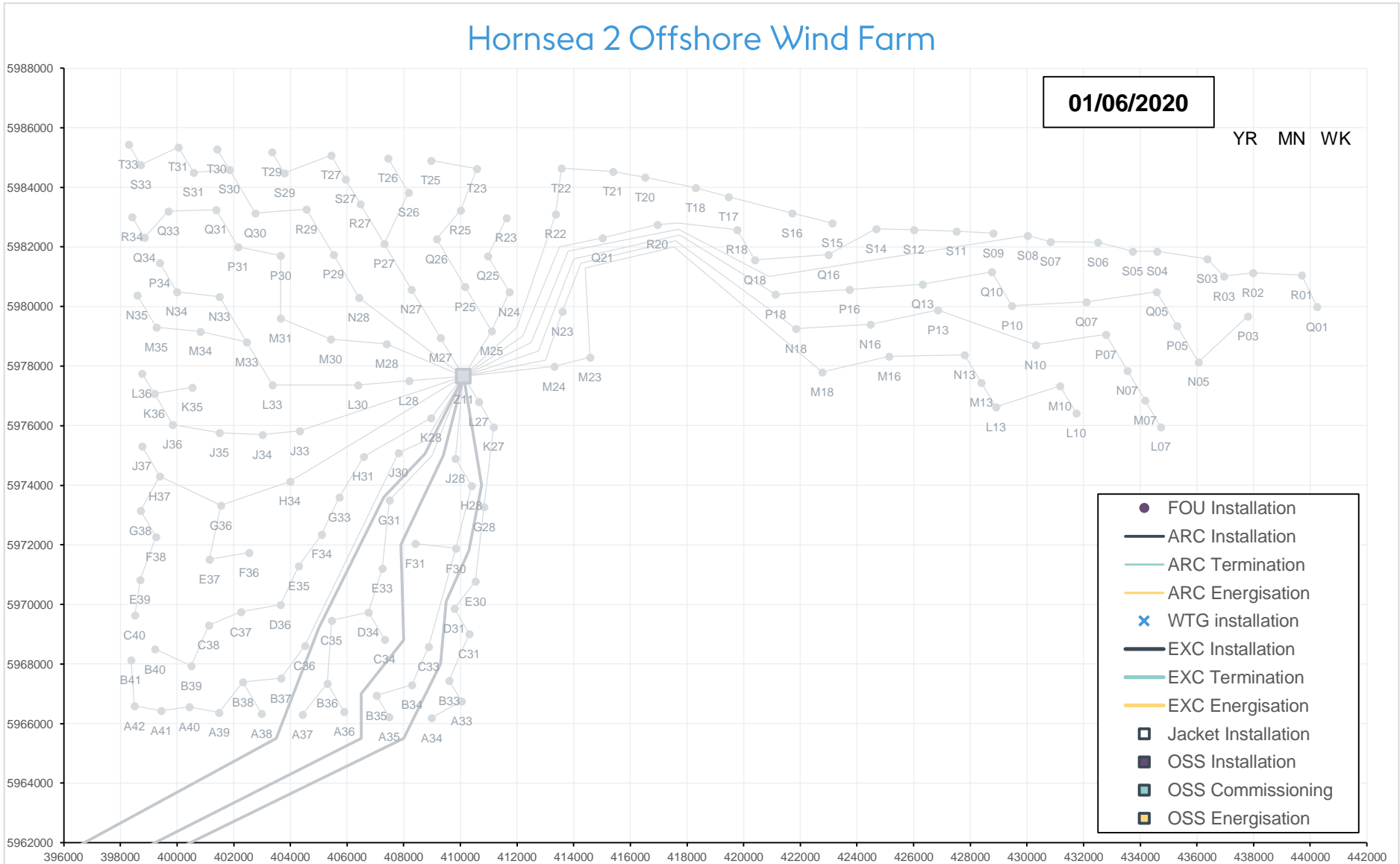
# 5. HOW02 Vessel Update

## Vessels Due On Site

Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package

# 6. HOW02 Installation Status

## Hornsea 2 Offshore Wind Farm



## 7. HOW02 Current Scope of Works

### Export Cable Installation

- MTSL Avocet – Crew Transfers
- Maagd – Transportation barge
- Coastal Challenger – AHT and PLGR vessel
- Boka Falcon – Trenching vessel
- Ndurance – Cable Lay at inter-tidal zone
- Dutch Power – AHT for Ndurance
- Lingestroom – AHT for Ndurance

### Array Cable Installation

- Seven Falcon – Boulder Clearance work

### Construction

- MHO Grimsby – Survey

## 8. HOW02 Notice to Mariners currently open

NtM Title	Document No	Description
HOW02_OFF_EX_NtM Boulder Clearance and Trial Trenching	05970048_F	Notice of Boulder Clearance and Trial Trenching
HOW02_OFF_EX 1009 NtM Titan Endeavour 200220	05891344_A	Notice of Geophysical Survey
HOW02_OFF_EX NtM MHO Grimsby 200605	05988141_B	Notice of Geophysical Survey
HOW02_OFF_EX_NtM Notification of UXO	06063171_I	Notice of Further cUXO Identified
HOW02_OFF_EX_NtM Transponder and Metocean Buoy Deployment	06197107_C	Notice of measurement buoy deployment
HOW02_OFF_EX_NtM Commencement of Export Cable Works	06196988_B	Notice of Export Cable Installation
HOW02_OFF_EX_NtM Export Cable Installation Works	06239336_F	Notice of Export Cable Installation Activities
HOW02_OFF_EX_NtM Deployment of Construction Buoys	06230743_C	Construction Demarcation Buoy Deployment
HOW02_OFF_EX_NtM Export Cable Beach_Nearshore Works	06362764_C	Notice of Intertidal Works Update
HOW02_OFF_EX_NtM WTF Foundation Installation Works	06478167_A	Notice of Foundation Installation Works – Commencement of Scour protection Installation
HOW02_OFF_EX_NtM Array Cable Installation Works	06478166_A	Notice of Array Cable Installation Works – Commencement of PLGR

<https://doreco.orsted.dk/share/page/site/wp-ap-how02/document-details?nodeRef=workspace://SpacesStore/b0c65e93-8b03-4e84-863f-68f55b4d8fd5>

## 9. HOW02 Safety Zones

The Safety Zone Application is still in process for HOW02


This will be updated at a later date. If there are any questions regarding safety zones please contact MHCC

Current HOW02 Active Safety Zones

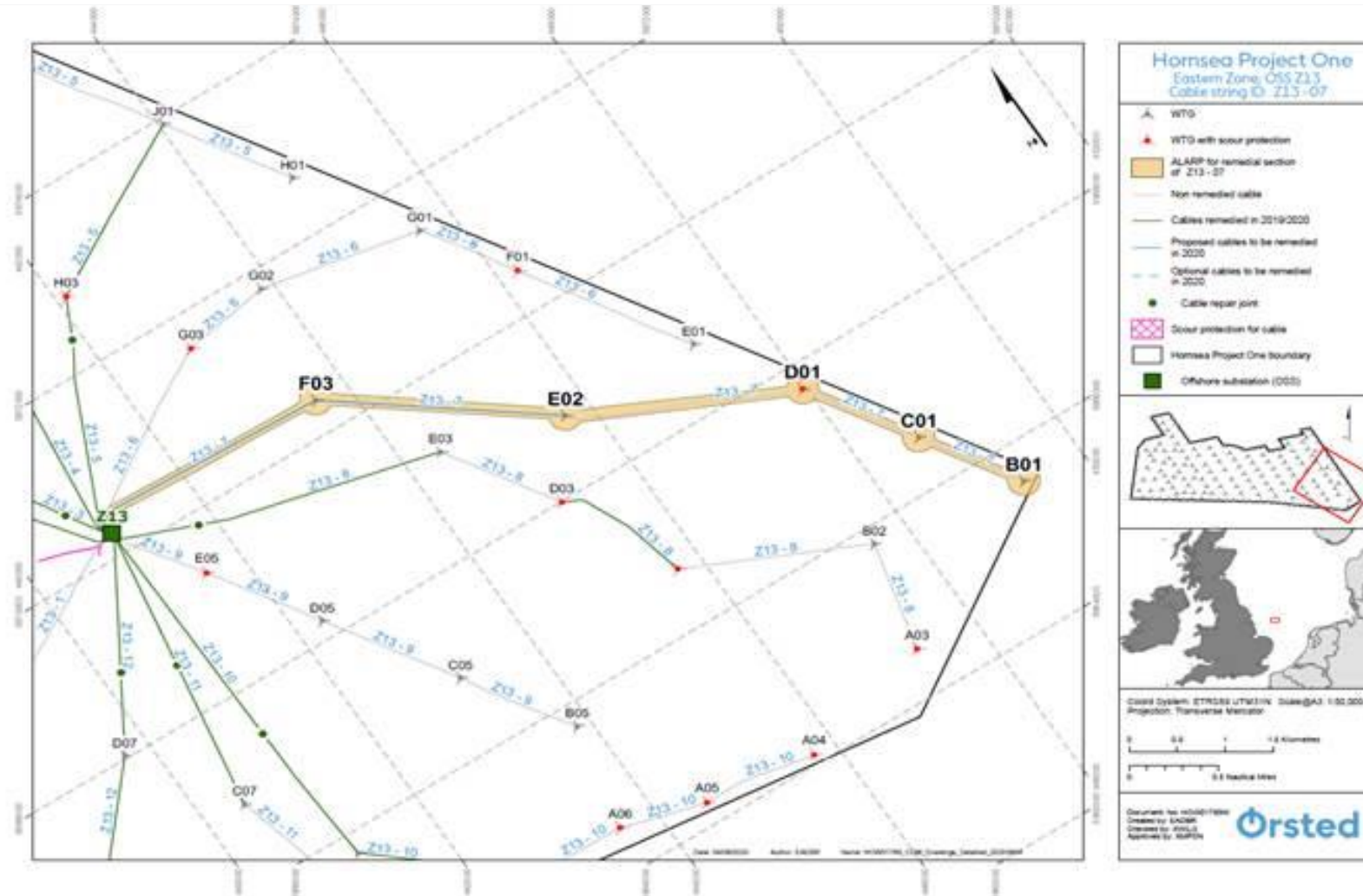
Asset	Size	Duration

# 10. HOW01 Array Cable Repair Campaign

## - Vessels on site...

Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
<b>Cable Lay Vessel</b>									
	Livingstone	244010952	+ 49421 5172 191987	<a href="mailto:Captain.Livingstone@ships.deme-group.com">Captain.Livingstone@ships.deme-group.com</a>	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC
<b>SOV</b>									
	Skandi Constructor	31055900	+870 765 085 648	<a href="mailto:constructor.captain@constructor.dof.no">constructor.captain@constructor.dof.no</a>	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC
<b>Crew Transfer Vessel</b>									
	World Scirocco	219018007	+45 82132308	<a href="mailto:Scirocco@wm-offshore.com">Scirocco@wm-offshore.com</a>	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC

# 10.1 HOW01 Scope of Works



# HOW01 Scope of Works continued...

