Hornsea 2 Offshore Wind Farm

WEEKLY STATUS REPORT
Including HOW01 Array Cable Repair Campaign

Week Commencing: 07/09/2020 WK 37
Notice no: 019
04/09/2020

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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

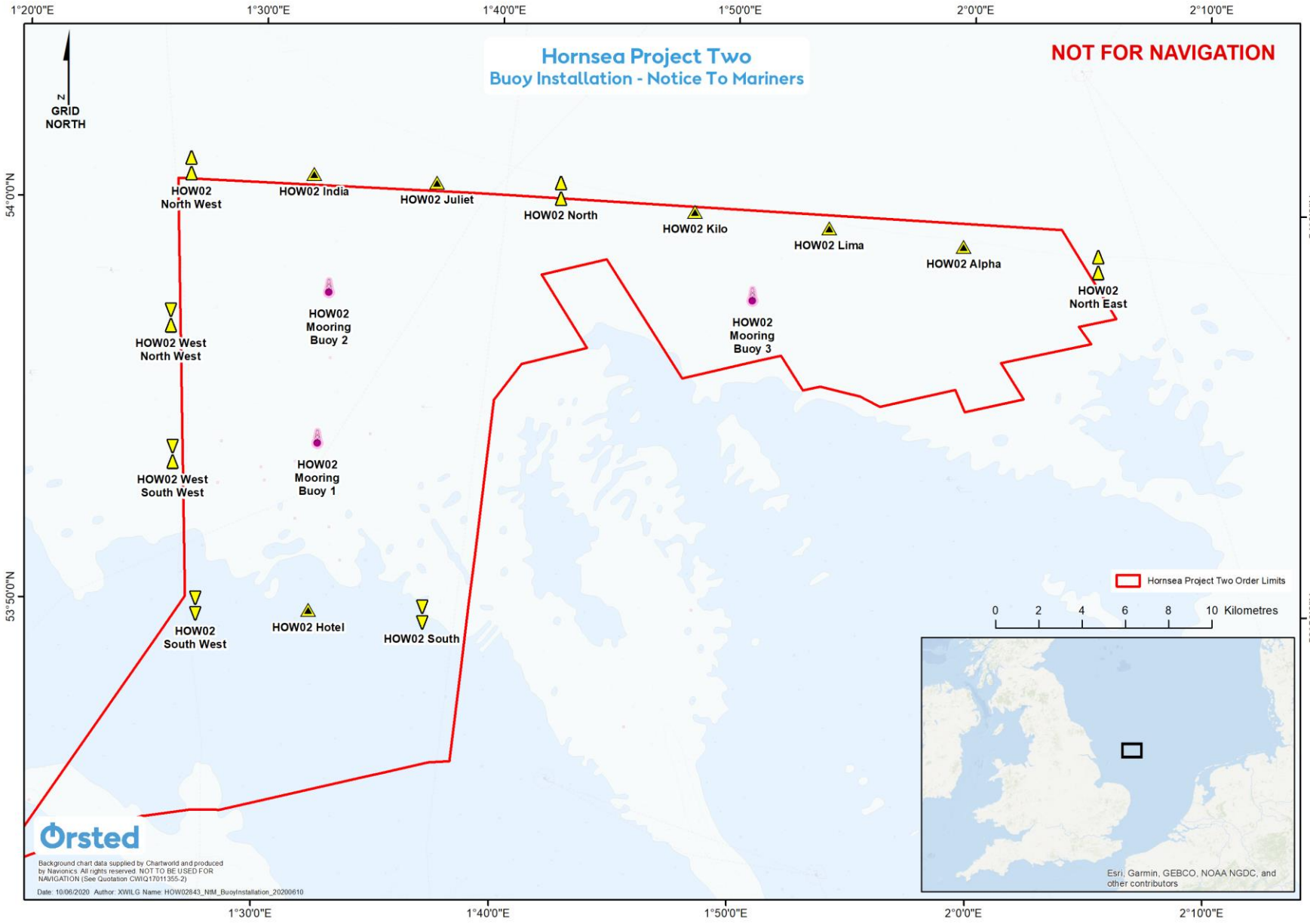
- All vessel not involved in construction activities are requested to keep a 500m safety distance from construction and dive support vessels whilst transiting the area
- All vessels should proceed with caution whilst navigating and/or working in the area and be aware of the statutory 50m safety zone 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



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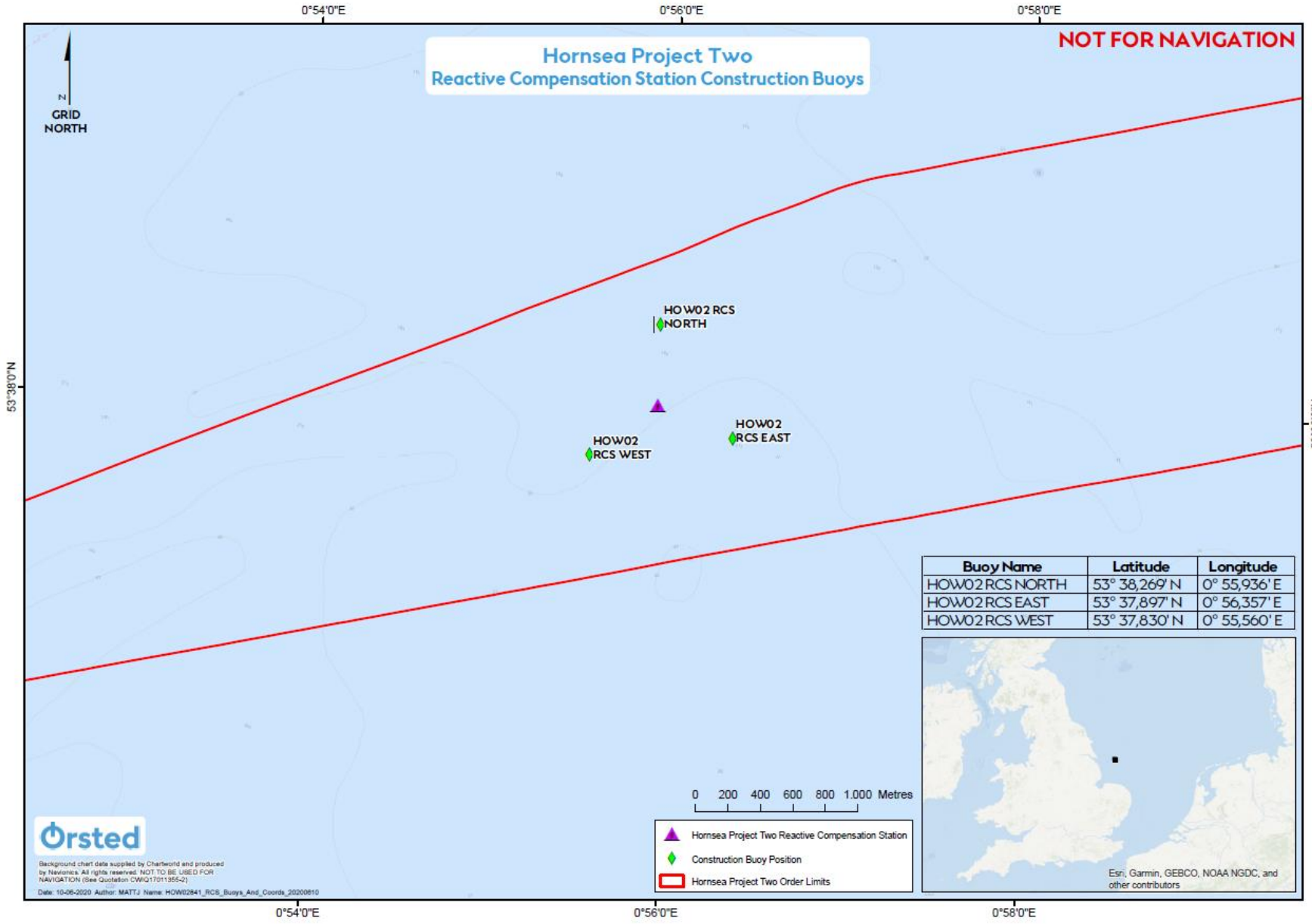
HOW02 RCS Buoys



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 MCS Sirocco Ndurance Lingestroom Ivero Adorne	AHT Transportation Barge Trenching Trials CTV Cable Lay Vessel AHT Survey Guard Vessel
Array Cable Installation	Wilson Adriatic	Pre Lay Grapnel Run
Foundations	Rollingstone Flintstone	Scour Protection Installation Scour Protection Installation

4. HOW02 Vessel Update
Vessels Currently On Site

Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
GUARD VESSELS									
TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
CREW TRANSFER VESSELS									
	MHO Grimsby	219025992	+45 53 65 46 45	Mho-Grimsby@mho-co.dk	VHF	Ch. 16 & P1 @ 162.050 MHz	01.04.2020	Construction	04.05.2020
	MSC Sirocco	235090843	+44 7920 569 689	mcssirocco@mariimecraft.co.uk	VHF	Ch. 16 & P1 @ 162.050 MHz	26.08.2020	Export Cable Installation	25.08.2020
OTHER VESSELS									
	Seven Falcon	235084424	+44 1224 568934	Sevenfalcon.bridge@subsea7.com	VHF	Ch. 16 & P1@ 162.050 MHz	21.06.2020	Array Cable Boulder Clearance	20.06.2020
	Ivero	232013165	+870 773 991 015	master@ivero.gardline.co.uk	VHF	Ch. 16 & P1 @ 162.050 MHz	20.07.2020	Export Cable Installation	01.05.2020
	BOKA Falcon	205787000	+870 773 308 429	bokafalcon-bridge@boskalis.com	VHF	Ch. 16 & P1 @ 162.050 MHz	02.08.2020	Export Cable Installation	TBC
	Maagd	N/A	N/A	N/A	VHF	Ch. 16 & P1 @ 162.050 MHz	03.08.2020	Export Cable Installation	02.08.2020

HOW02 Vessel Update

Vessels Currently On Site continued.....

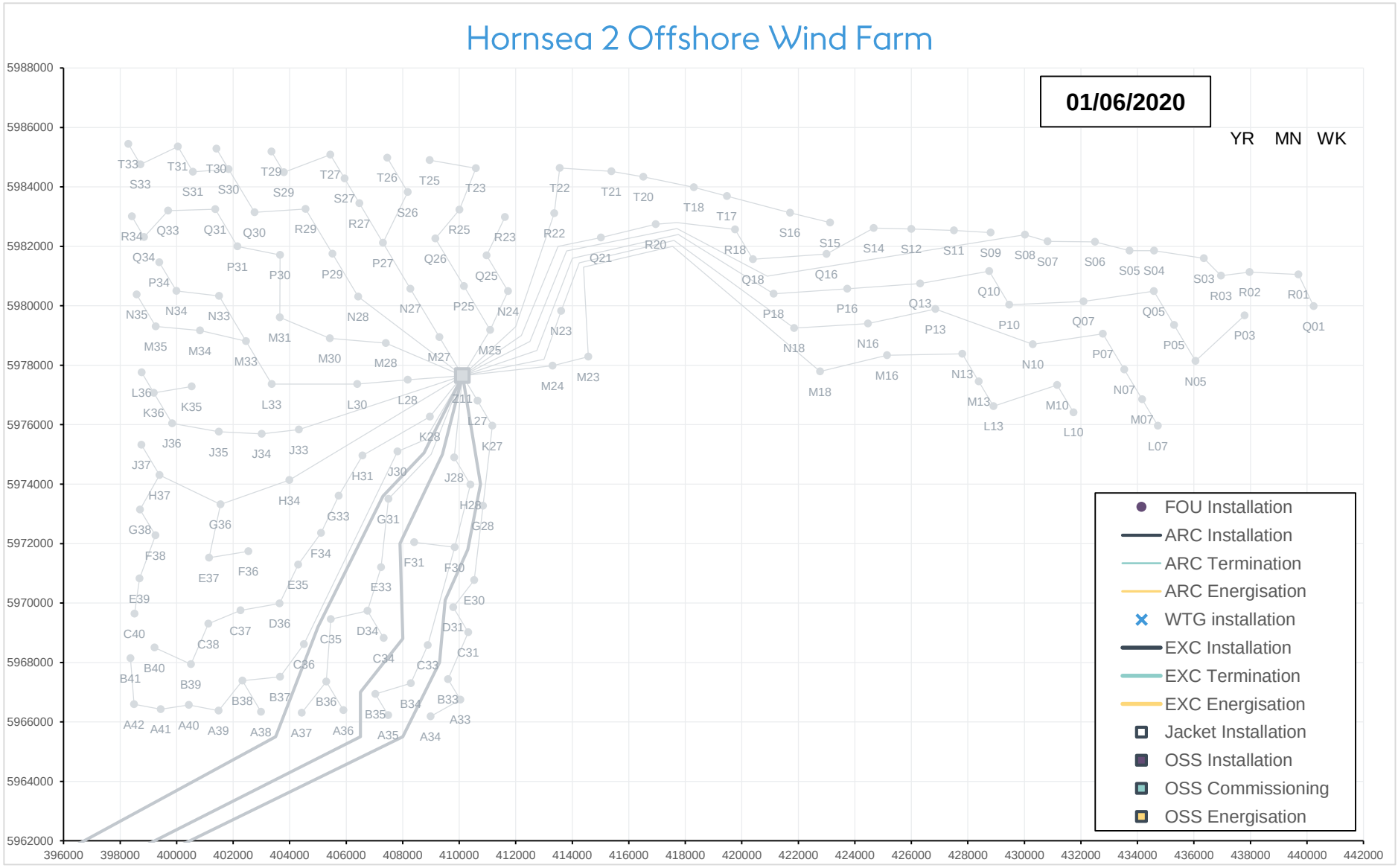
Vessel Details			Vessel Communications				Work Schedule		VCC
Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
OTHER VESSELS									
	Coastal Challenger	244913000	+31 85 00 90 585	challenger@coastalworkboats.com	VHF	Ch. 16 & P1 @ 162.050 MHz	03.08.2020	Export Cable Installation	29.05.2020
	Lingestroom	244016000	+31 612 441 220	lingestroom@wijngaarden.com	VHF	Ch. 16 & P1 @ 162.050 MHz	11.08.2020	Export Cable Installation	15.08.2020
	Ndurance	209851000	+31 6 51090370	Ndurance-Captain@boskalis.com	VHF	Ch. 16 & P1 @ 162.050 MHz	11.08.2020	Export Cable Installation	17.08.2020
	Rollingstone	245746000	+31 6 53 22 57 33	Captain.Rollingstone@deme-group.com	VHF	Ch. 16 & P1 @ 162.050 MHz	01.09.2020	Foundations	TBC
	Flintstone	245861000	+31 65 1957354	captain.flintstone@deme-group.com	VHF	Ch. 16 & P1 @ 162.050 MHz	05.09.2020	Foundations	TBC
	Adorne	232023203	+0044 1723430719	gvadorne@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	05.09.2020	Export Cable Installation	TBC

5. HOW02 Vessel Update

Vessels Due On Site

Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package
	Wilson Adriatic	219166000	+45 9292 6182	TBAdriaticBridge@wilsonoffshore.comC	VHF	Ch. 16 & P1 @ 162.050 MHz	TBC	Array Cable Installation
	Merel - G	374011000	+31 108 906 674	operations@rederijgroen.nl	VHF	Ch. 16 & P1 @ 162.050 MHz	TBC	OSS Installation

6. HOW02 Installation Status



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7. HOW02 Current Scope of Works

Export Cable Installation
- MCS Sirocco – Crew Transfers
- Maagd – Transportation barge
- Coastal Challenger – AHT and PLGR vessel
- Boka Falcon – Trenching vessel
- Ndurance – Cable Lay at inter-tidal zone
- Lingestroom – AHT for Ndurance
- Ivero – Survey Far shore Export Cable
- Adorne – Cable Guard Vessel

Array Cable Installation
- Wilson Adriatic – Pre Lay Grapnel Run

Construction
- MHO Grimsby – Survey

Foundations
- Rollingstone – Scour Protection
- Flintstone – Scour Protection

8. HOW02 Notice to Mariners currently open

NtM Title	Document No	Description
HOW02_OFF_EX_NtM Boulder Clearance and Trial Trenching	05970048_G	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
Cable Lay Vessel									
	Livingstone	244010952	+ 49421 5172 191987	Captain.Livingstone@ships.deme-group.com	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC
SOV									
	Skandi Constructor	31055900	+870 765 085 648	constructor.captain@constructor.dof.no	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC
Crew Transfer Vessel									
	World Scirocco	219018007	+45 82132308	Scirocco@wm-offshore.com	VHF	Ch. 16 & P1@ 162.050 MHz	24.08.2020	Array Cable Repair	TBC

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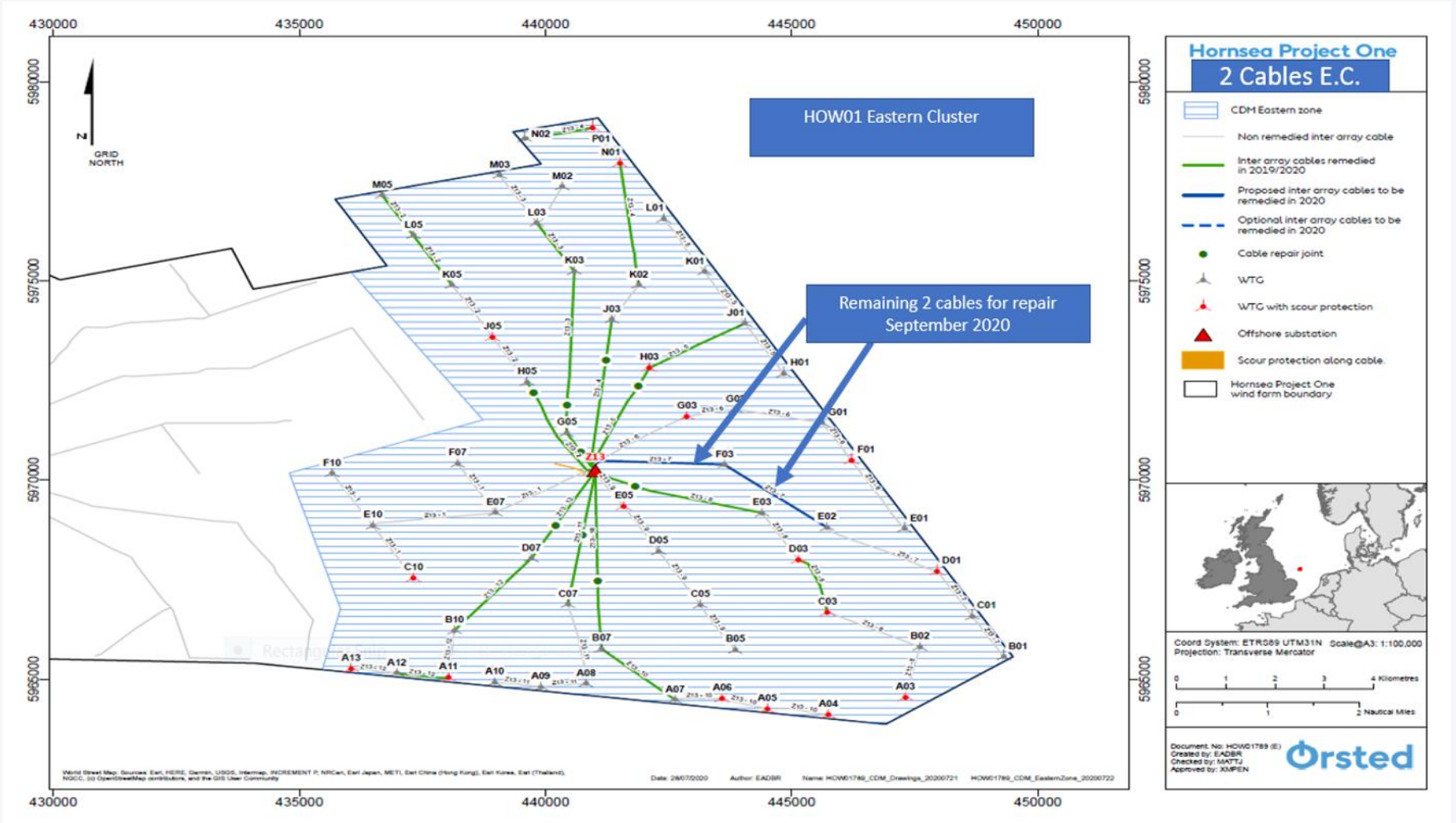
10.1 HOW01 Scope of Works



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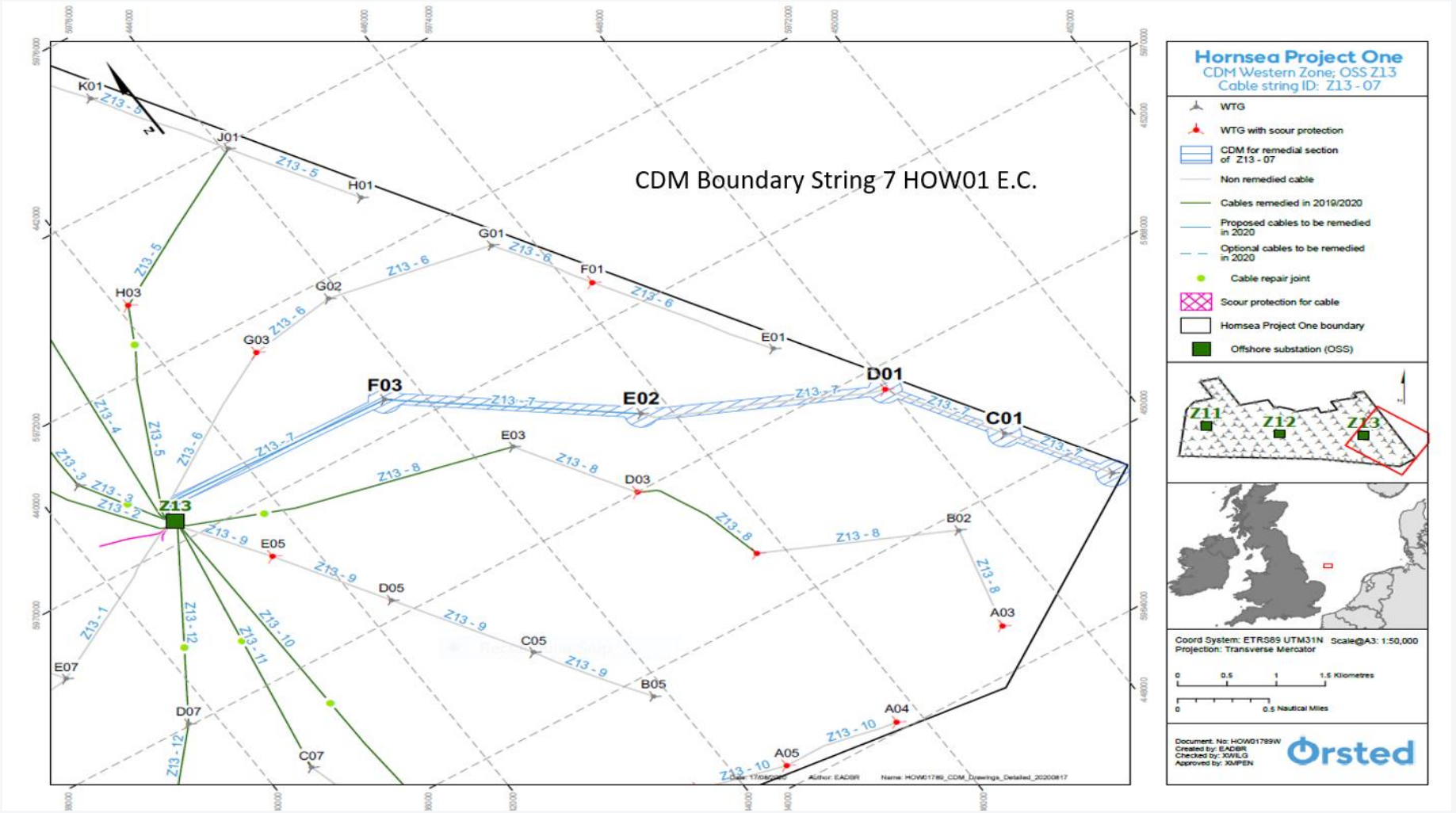
HOW01 Scope of Works continued...



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