Hornsea 2 Offshore Wind Farm

WEEKLY STATUS REPORT

Ørsted

Week Commencing: 07/12/2020 WK 50
Notice no: 033
Issued on 4th December 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

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

During Construction

- 'Rolling' 500m Safety Zones (SZs) around each wind farm structure and / or their foundations when a construction vessel ***is*** present
- Pre-commissioning 50m SZs around any wind farm structure which is either partially constructed but not yet commissioned where a construction vessel ***is not*** present.

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 Guard Vessel Details

EMSWIND

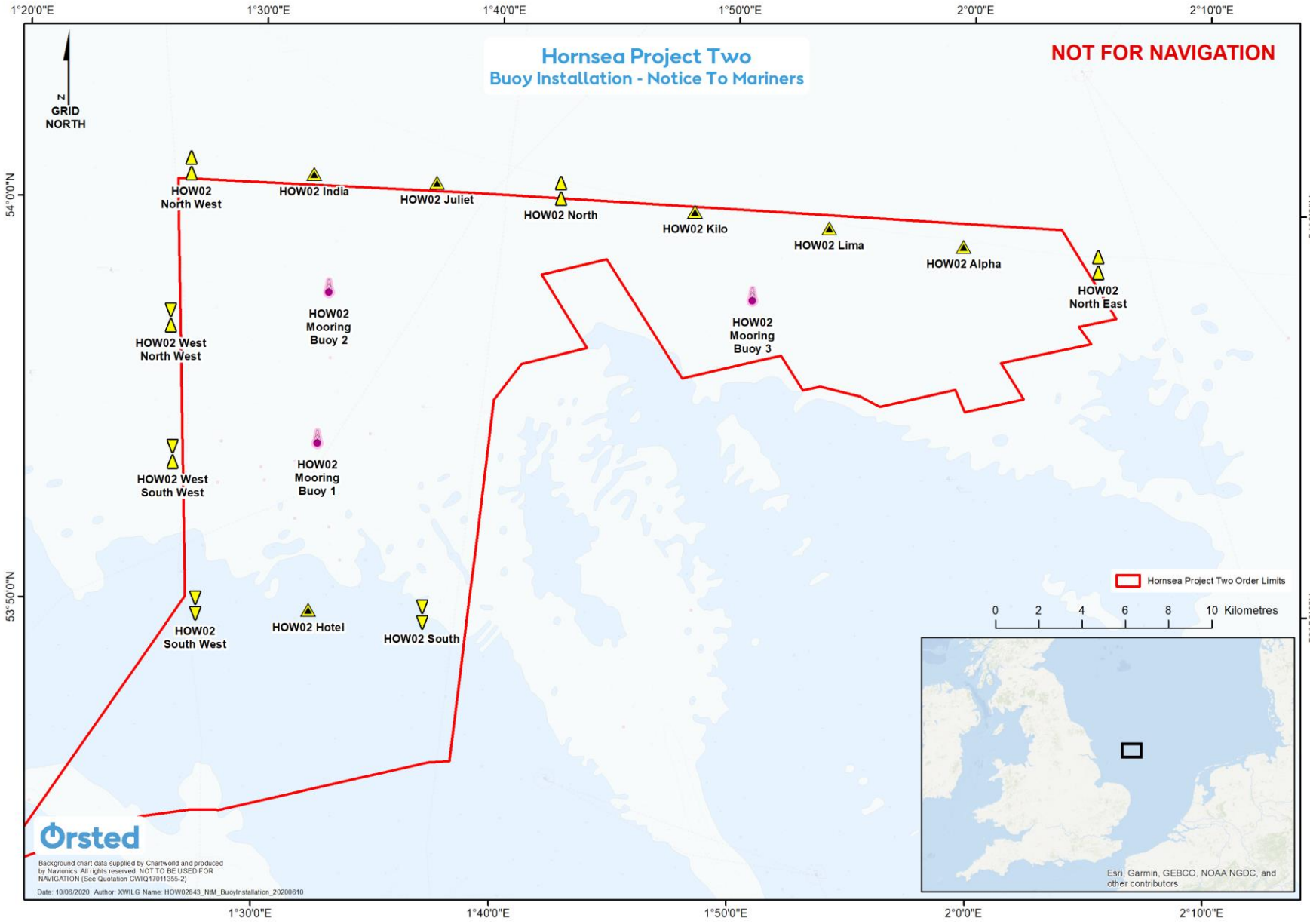
Bridge: +31 255 787 008
Iridium: +8 816 777 626
Mobile: +34 697676216
emswind@DBconnect.nl
IMO No: 9824540
Call sign: C6DX8
MMSI: 311000812

3. 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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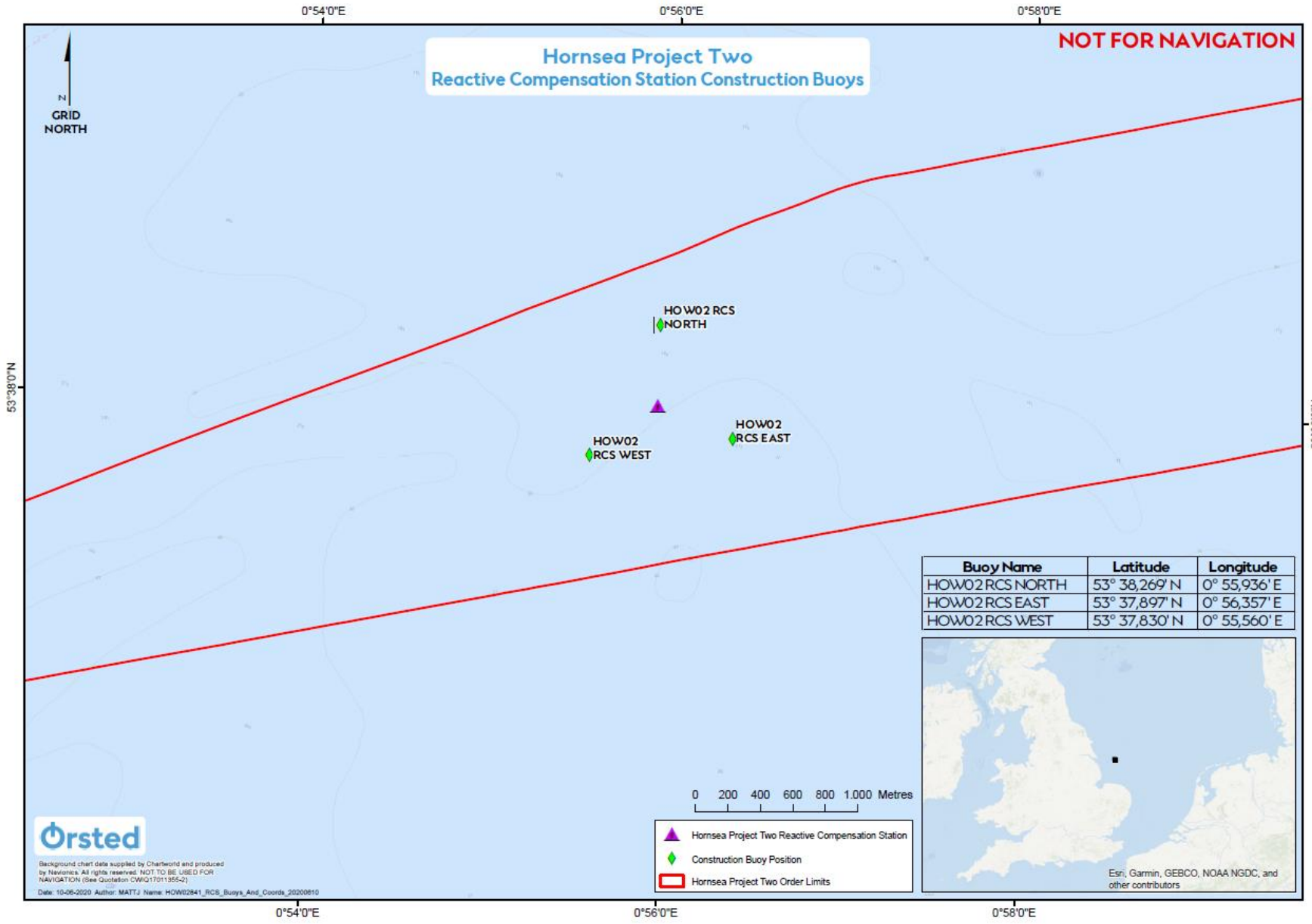
HOW02 RCS Buoys



4. HOW02 Vessels Operations and Activities

Operations / Package	Vessel(s)	Comments
Construction	MHO Grimsby MHO Esbjerg Emswind	Personnel Transfer / Survey Personnel Transfer Guard Vessel
Export Cable Installation	BOKA Falcon MTSL Falcon Ndurance NG Worker Adorne Isla B Defiant Ability Adventure Resilient Karelle	Trenching Trials CTV Cable Lay Vessel CFE WorksVessel Guard Vessel Guard Vessel Guard Vessel Guard Vessel Guard Vessel Guard Vessel Guard Vessel
Foundations	Innovation	Foundation Installation

5. HOW02 Vessel Update

Vessels Currently On Site

Vessel Details			Vessel Communications				Work Schedule		VCC
Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
GUARD VESSELS									
	Emswind	311000812	+31 255 787 008	emswind@DBconnect.nl	VHF	Ch. 16 & P1 @ 162.050 MHz	01.10.2020	Construction	30.09.2020
	Adorne	232023203	+0044 1723430719	gvadorne@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	05.09.2020	Export Cable Installation	04.09.2020
	Isla B	232007860	+44 7415 940054	islabbridge@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	25.09.2020	Export Cable Installation	24.09.2020
	Defiant	233651000	+ 44 (0) 1261455459	gvdefiant@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	25.10.2020	Export Cable Installation	20.10.2020
	Ability	235014666	+44 (0) 1346 490737	kmsability@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	27.10.2020	Export Cable Installation	27.10.2020
	Adventure	235109237	+44 (0) 1947 750717	gvadventure@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	27.10.2020	Export Cable Installation	28.10.2020
	Karelle	234325000	+447770823004	KMSKarelle@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	01.11.2020	Export Cable Installation	31.10.2020
	Resilient	232711000	+44 (0) 2841140788	gvresilient@gmail.com	VHF	Ch. 16 & P1 @ 162.050 MHz	27.10.2020	Export Cable Installation	28.10.2020

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
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
	MHO Esbjerg	219023786	+45 82136423	MHO-Esbjerg@mho-co.dk	VHF	Ch. 16 & P1 @ 162.050 MHz	28/07/2020	Construction	13.11.2020
	MTSL Falcon	235090347	07917477648	mtsl.falcon@gardline.com	VHF	Ch. 16 & P1 @ 162.050 MHz	23.11.2020	Export Cable Installation	21.11.2020
CONSTRUCTION VESSELS									
	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
	BOKA Falcon	205787000	+870 773 308 429	bokafalcon-bridge@boskalis.com	VHF	Ch. 16 & P1 @ 162.050 MHz	02.08.2020	Export Cable Installation	01.04.2020
	Innovation	218781000	+49 421 944 024 1750	Chiefmate.Innovation@deme-group.com	VHF	Ch. 16 & P1 @ 162.050 MHz	05.10.2020	Foundation Installation	02.10.2020

HOW02 Vessel Update
Vessels Currently On Site continued.....

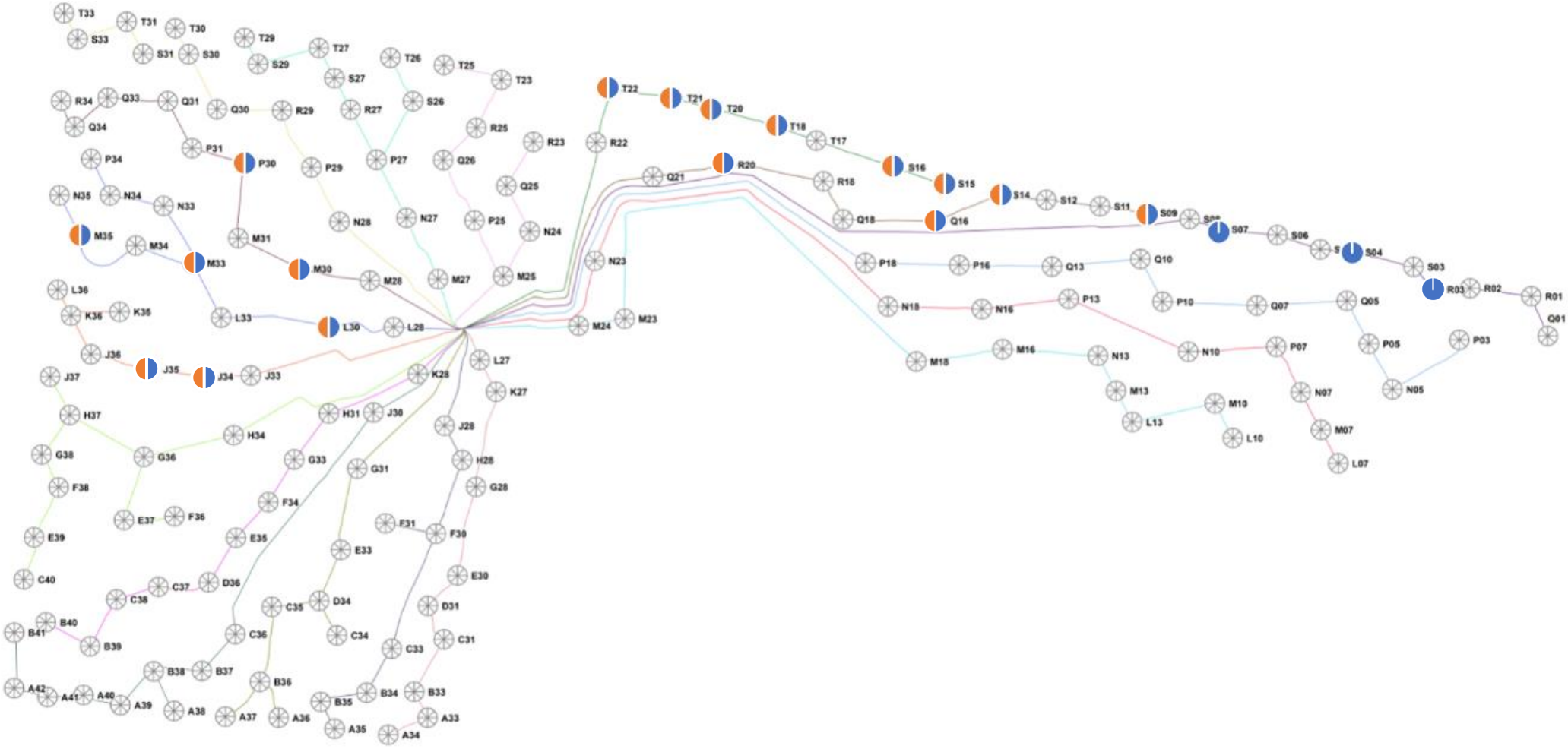
Vessel Details			Vessel Communications				Work Schedule		VCC
Vessel Picture	Vessel Name	MMSI	Contact Number	Email	Type	Frequencies Monitored	Start / Arrival	Package	VCC Issued
OTHER VESSELS									
	NG Worker	247440700	+393429976700	ngworker@nextgeosolutions.com	VHF	Ch. 16 & P1 @ 162.050 MHz	04.11.2020	Export Cable Installation	04/11/2020

6. HOW02 Vessel Update

Vessels Due On Site

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

7. HOW02 Installation Status



Monopile Installed	
MP & TP Installed	

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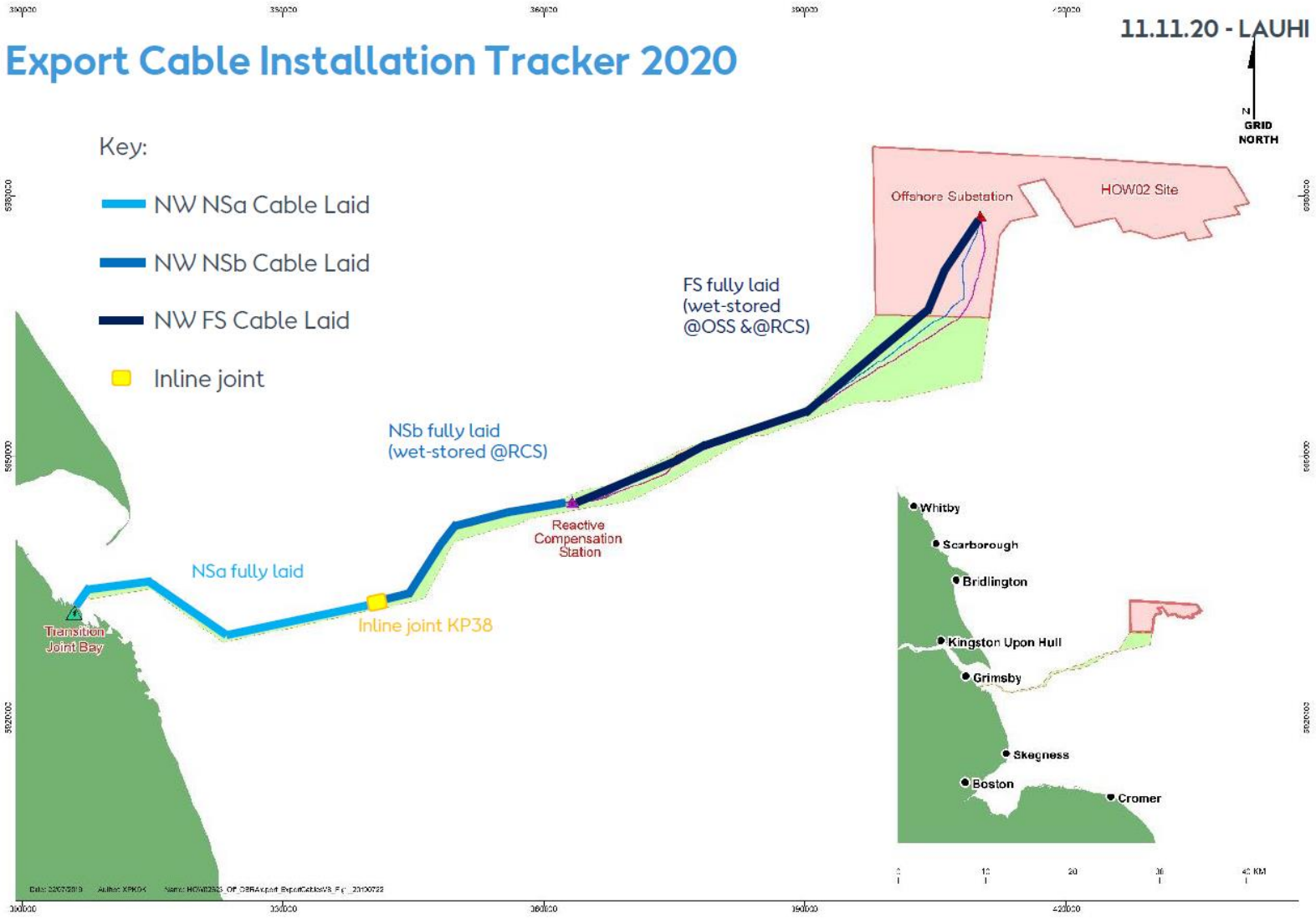
7. HOW02 Installation Status continued



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8. HOW02 Current Scope of Works

Export Cable Installation
- MTSL Falcon – Crew Transfers
- Boka Falcon – Trenching vessel
- Ndurance – Cable Lay at inter-tidal zone
- Adorne – Cable Guard Vessel
- Isla B – Cable Guard Vessel
- Defiant – Cable Guard Vessel
- Ability – Cable Guard Vessel
- Adventure – Cable Guard Vessel
- Resilient – Cable Guard Vessel
- Karelle – Cable Guard Vessel
- NG Worker– CFE Works Vessel

Construction
- MHO Grimsby – Survey / Personnel Transfer
- MHO Esbjerg – Personnel Transfer
- Emswind – HOW02 Guard Vessel

Foundations
- Innovation – MP and TP Installation

9. HOW02 Notice to Mariners currently open

NtM Title	Document No	Description
HOW02_OFF_EX_NtM Boulder Clearance and Trial Trenching	05970048_H	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_E	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_I	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_C	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
HOW02_OFF_EX_NtM OSS RCS Installation	06523452_D	Notice of Foundation Installation Activities – Commencement of OSS and RCS Jacket Installation

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

10. HOW02 Safety Zones

If there are any questions regarding safety zones please contact MHCC or HOW02 Ops Support

– **During Construction**

- 'Rolling' 500m Safety Zones (SZs) around each wind farm structure and / or their foundations when a construction vessel ***is*** present
- Pre-commissioning 50m SZs around any wind farm structure which is either partially constructed but not yet commissioned where a construction vessel ***is not*** present.

Current HOW02 Active Safety Zones

Asset	Size	Duration
HB Z11	50m	Until further notice
HB Z01	50m	Until further notice
Innovation	500m	Until further notice
S14	50m	Until further notice
S09	50m	Until further notice
P30	50m	Until further notice
R20	50m	Until further notice

HOW02 Safety Zones Continued

Asset	Size	Duration
T18	50m	Until further notice
T20	50m	Until further notice
S07	50m	Until further notice
T21	50m	Until further notice
T22	50m	Until further notice
S04	50m	Until further notice
S15	50m	Until further notice
J35	50m	Until further notice
S16	50m	Until further notice
L30	50m	Until further notice
M35	50m	Until further notice
J34	50m	Until further notice

HOW02 Safety Zones Continued

Asset	Size	Duration
M33	50m	Until further notice
M30	50m	Until further notice
Q16	50m	Until further notice