



Notice to Mariners – Hornsea Project Two

Notice of Wind Turbine Generator (WTG) Installation Works – Vessel Details - 01/10/2021

1. SUMMARY OF OPERATIONS

Activity update:	Vessels mobilising to site
General activity:	WTG Installation – Hornsea Project Two Offshore Wind Farm
Location:	Array area (as shown in Figure 1)
Contractor:	Siemens Gamesa
Updated vessels:	Normand Fortress (further details provided in Section 5)
Proposed start date:	4th October 2021
Proposed end date:	End of works Q4 2021 (intermittent & continual)
Notes:	These works will be carried out alongside ongoing survey and construction activities for Hornsea Project Two.

Mariners are advised that MaxSea and Olex plotter files of the proposed works area can be provided by the Project's Commercial Fisheries Advisors at Brown and May Marine Limited and the Project's onshore fisheries liaison. Contact details are provided in Section 4 of this Notice.

2. HAZARDS & SAFETY

Note that the vessels will have limited manoeuvrability and it is requested that all vessels operating near the vessels maintain a safe distance (at least 500m) and pass all vessels at minimum speed.

Rolling 500m Safety Zones (SZs) will be in place around each wind farm structure when a construction vessel *is* present. When a construction vessel *is not* present, 50m SZs are in place around any wind farm structure that is either partially constructed but not yet commissioned. Note that the Hornsea Two works are marked with construction buoyage as shown in Figure 2.

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the works area that could be damaged or form a hazard to the vessel and its equipment advises the Project's Fishing Industry Liaison of their position and nature. The Project has also requested the clearance of static fishing gear within the boundary shown in Figure 1 and described in Section 6 of this Notice. When works commence a listening watch will be maintained on VHF Channel 12 and 16 when within the appropriate port authority area and will actively transmit an AIS signal.

Figure 1. Proposed Construction Area

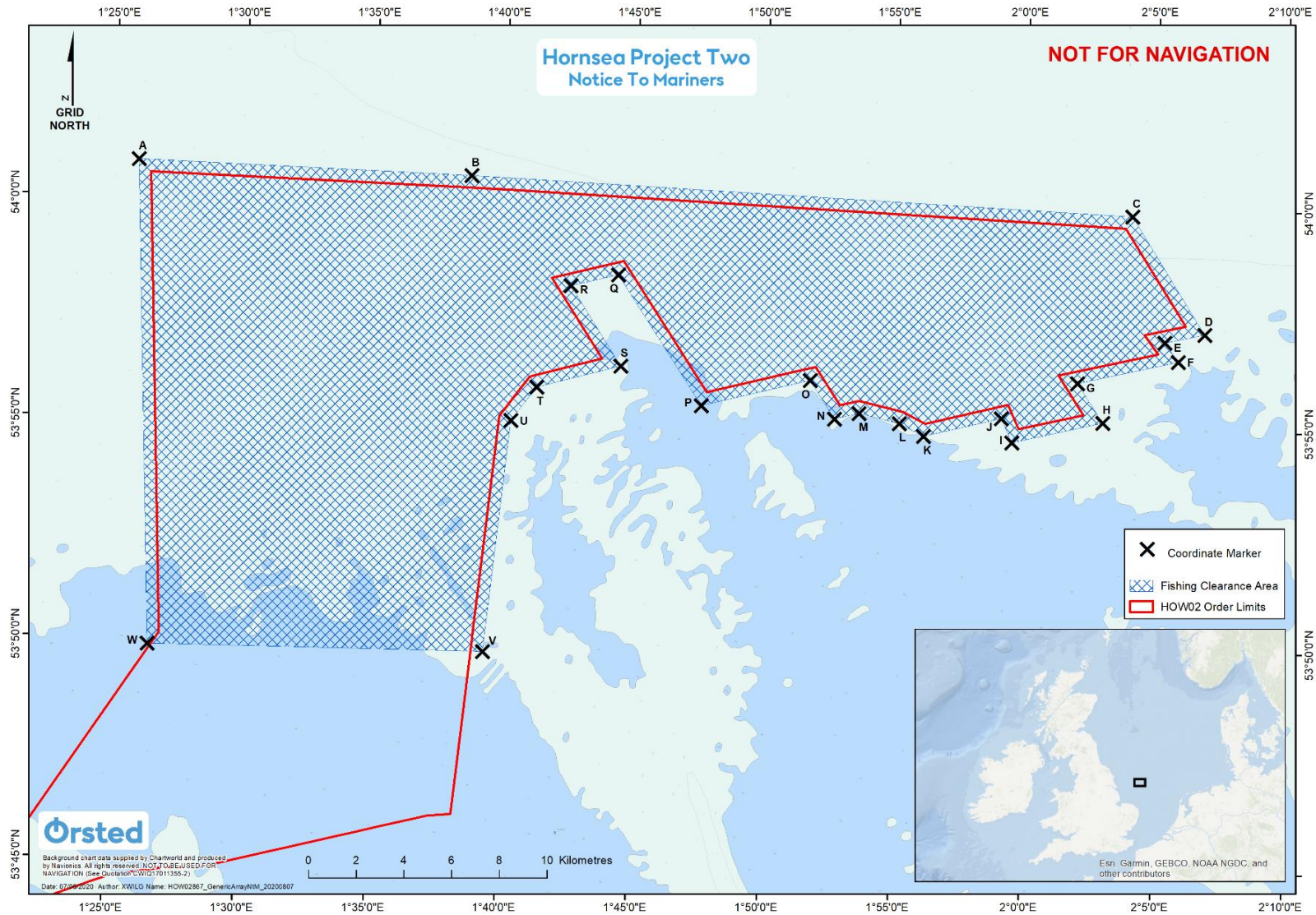
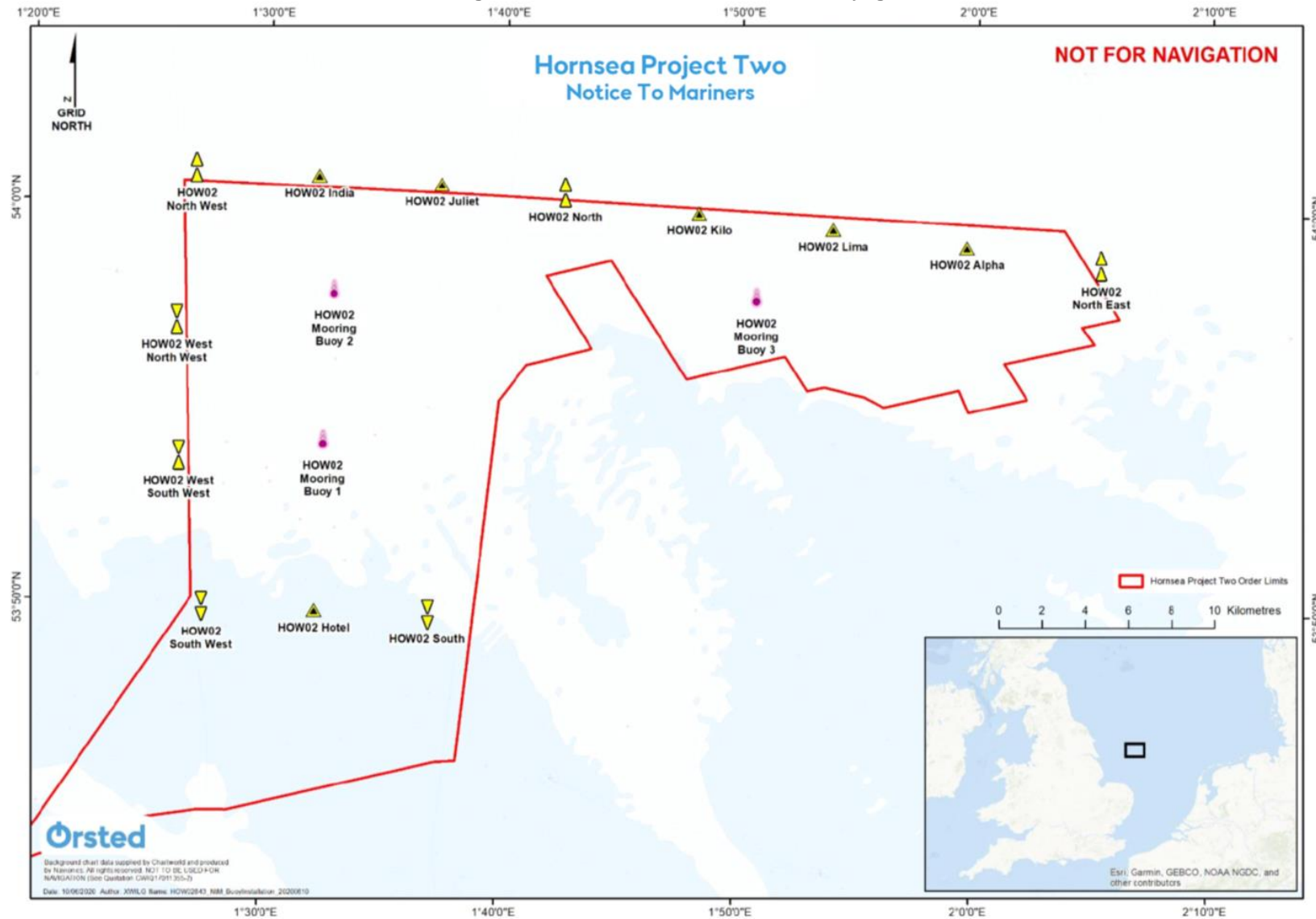


Figure 2. Hornsea Two Construction Buoyage



3. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Project Two requirements. A further notice will be issued when works are complete.

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to:

Project Manager (Ørsted) (Office hours only)	Henrik Sønderholm	
	Tel: +4599556966	E-mail: HENSO@orsted.dk
Project Manager (DEME Offshore) (Office hours only)	Jorgen Van Bael (Rock Placement Scope)	
	Tel: +31 76 513 7252	E-mail: Van.Bael.Jorgen@deme-group.com
Project Manager (SGRE) (Office hours only)	James Perry (WTG Installation Scope)	
	Tel: +44 7808 825255	E-mail: james.perry@siemensgamesa.com

4. FISHERIES LIAISON

Onshore Fisheries Liaison is provided by Nick Garside and Sophie Farenden who can be contacted on:

E-mail: nick.garside@live.co.uk	Mob: +44 (0) 7538 827013
Email: sophie.farenden@brownmay.com	Mob: +44 (0)7525 128344




An Offshore Fisheries Liaison Officer is on board the Emswind Guard Vessel and Boka Falcon, contactable on VHF channel 16, if required. Please refer to the Hornsea Two Project Environmental Monitoring and Management Plan (PEMMP) (Ørsted Doc. Ref.: 00464250) for further details of personnel roles and responsibilities involved in the project.





In the event the Offshore or Onshore Fisheries Liaison is not contactable please direct fisheries enquiries related to the works to the Ørsted Company Fisheries Liaison Officer:





Company Fisheries Liaison Officer – Courtney French	Tel: +44 (0)7796 447372	E-mail: CONFR@orsted.co.uk
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5. VESSELS

Operations will be conducted by the relevant vessels as provided below. Additional vessels may mobilise to site as required. Contact can be made directly with the vessels, where necessary, using the contact details listed below. This Notice will be updated with further contact details once confirmed. Client and contractor contact details are provided in Section 3 and 4 of this NtM.

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
<p data-bbox="342 341 499 368">Rollingstone</p> 	<p data-bbox="663 341 853 368">Rock installation</p>	<p data-bbox="898 341 1200 440">Mobile: +31 656 225 733 VSAT Bridge: +49 421 5172191 93 5</p>	<p data-bbox="1223 341 1608 405">captain.rollingstone@ships.deme-group.com</p>	<p data-bbox="1691 341 1769 368">PHYR</p>	<p data-bbox="1850 341 1984 368">245746000</p>
<p data-bbox="327 609 515 636">Sea Challenger</p> 	<p data-bbox="663 609 790 673">JUV WTG Installation</p>	<p data-bbox="898 609 1200 708">Mobile: +45 5213 9580 SAT (Bridge): +49 4215 172 191 011</p>	<p data-bbox="1223 609 1585 673">Captain.SeaChallenger@deme-group.com</p>	<p data-bbox="1691 609 1787 636">OWLQ2</p>	<p data-bbox="1850 609 1984 636">219019002</p>
<p data-bbox="349 916 492 943">Sea Installer</p> 	<p data-bbox="663 916 790 979">JUV WTG Installation</p>	<p data-bbox="898 916 1200 1015">Mobile: +45 52 13 95 19 SAT (Bridge): +49 42 151 721 91131</p>	<p data-bbox="1223 916 1554 979">Captain.SeaInstaller@deme-group.com</p>	<p data-bbox="1691 916 1787 943">OYPY2</p>	<p data-bbox="1850 916 1984 943">219456000</p>

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
Fob Swath 9 	CTV	VSAT: +45 32 23 37 71 Mobile: +45 29 12 00 88	fob9@outlook.dk	OYKP2	219027989
Acta Auriga 	SOV	VSAT: TBC Mobile: +31 615255593	captain@actaauriga.com	PDEI	244090781
WEM 3 	CTV, Genset refuel	Mobile: +441916220712 SAT: +441916220712	wem3@wemmarine.com	MIZL8	232035320
Manor Venture 	CTV	Mobile: +44(0)7407 345854 SAT: +44 2031290607	venture@mreltd.co.uk	MAWI6	235007444

Vessel Name / Image	Vessel Type / Function	Vessel Tel.	Vessel E-mail	Call Sign	MMSI
Horizon Star 	Walk to Work Vessel / Support Vessel	VSAT: +1 (902) 703 1888 Mob: +1 (709) 770-3275	bridgestar@horizonmaritime.com captainstar@horizonmaritime.com	8PBC8	314559000
Island Crown 	SOV WTG Commissioning	Mob: + 47 46 28 07 93 Sat: +47 23 67 42 98	captain@crown.islandoffshore.com bridge@crown.islandoffshore.com amt@islandoffshore.com	LACO8	257245000
Manor Endurance 	WTG Commissioning Support	+447398 144840/ +4420 31291569	endurance@mreltd.co.uk	MIDM7	232030193
Normand Fortress 	SOV WTG Commissioning	Mob: + 47 52856012 SAT: +47 52856045	master@fortress.solstad.com	LIKW3	258537000

6. COORDINATES

Rock placement works:

WTG Position	Longitude (WGS84)	Latitude (WGS84)
N10	1° 56' 16.325" E	53° 57' 7.311" N

Wind Farm Array (Figure 1):

Coordinate Marker	Longitude (WGS84)	Latitude (WGS84)
A	1° 25' 51.462" E	54° 0' 48.311" N
B	1° 38' 38.382" E	54° 0' 34.663" N
C	2° 4' 1.621" E	53° 59' 52.681" N
D	2° 6' 50.713" E	53° 57' 13.578" N
E	2° 5' 19.157" E	53° 57' 1.913" N
F	2° 5' 50.608" E	53° 56' 36.173" N
G	2° 1' 59.723" E	53° 56' 5.632" N
H	2° 2' 58.547" E	53° 55' 12.083" N
I	1° 59' 29.954" E	53° 54' 43.789" N
J	1° 59' 5.229" E	53° 55' 16.550" N
K	1° 56' 7.241" E	53° 54' 51.044" N
L	1° 55' 10.769" E	53° 55' 8.053" N
M	1° 53' 38.216" E	53° 55' 20.976" N
N	1° 52' 41.920" E	53° 55' 12.914" N
O	1° 51' 45.091" E	53° 56' 4.428" N
P	1° 47' 35.573" E	53° 55' 28.005" N
Q	1° 44' 19.681" E	53° 58' 23.722" N
R	1° 42' 30.720" E	53° 58' 7.653" N
S	1° 44' 29.061" E	53° 56' 19.862" N
T	1° 41' 16.484" E	53° 55' 49.096" N
U	1° 40' 18.524" E	53° 55' 3.210" N
V	1° 39' 23.089" E	53° 49' 48.866" N
W	1° 26' 33.640" E	53° 49' 51.105" N

