

Date of issue:	03/06/2021
Subject:	Neart na Gaoithe Offshore Wind Farm: Pre-Lay Grapnel Run and Export Cable Installation
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Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) is due to commence a pre-lay grapnel run (PLGR) and installation of the two export cables within the Neart Na Gaoithe (NnG) Export Cable Corridor. The PLGR is due to begin week commencing 14th June 2021, at the earliest, with the installation of the first export cable commencing thereafter. The PLGR will be completed by the vessel *Norne* (call sign: PCJR), whilst the two export cables will be installed by the cable lay vessel (CLV) *Cable Enterprise* (call sign: 2FOV9).

The PLGR will be completed using a grapnel towed from the vessel. The grapnel will be deployed to retrieve any potential abandoned fishing gear or ships crane wires that may be present along the Export Cable Routes. Any debris recovered to deck will be retained on board the vessel for disposal onshore.

For installation of each cable, laying will commence at the landfall, with the *Cable Enterprise* positioned as close to the horizontal directional drill (HDD) exit pit as possible, given the draught of the vessel. Once the CLV has laid the first approx. 750m of cable, a pull-in winch located onshore will draw this section through the HDD ducts. Once complete, the CLV will begin to lay the cable along the export cable route in the direction of the Wind Farm Area. A number of small rigid-hull inflatable boats (RHIB) and guard vessels will be patrolling the cable corridor, with a Crew Transfer Vessel *Celtic Guardian*, (call sign: 21ZH5) also supporting.

The cable will be buried into the seabed by remotely operated vehicles launched by the *Normand Pacific* (call sign: LAXI7). The burial campaign for the first export cable is expected to commence in late-June; a subsequent Notice to Mariners will be issued prior to this work commencing, with further information.

Area of Operations

Mariners are advised that both the *Norne* and *Cable Enterprise* will be mobilised from Middlesbrough to work within the boundaries of the NnG Export Cable Corridor, illustrated in Figure 1, within the coordinates shown in Table 1.

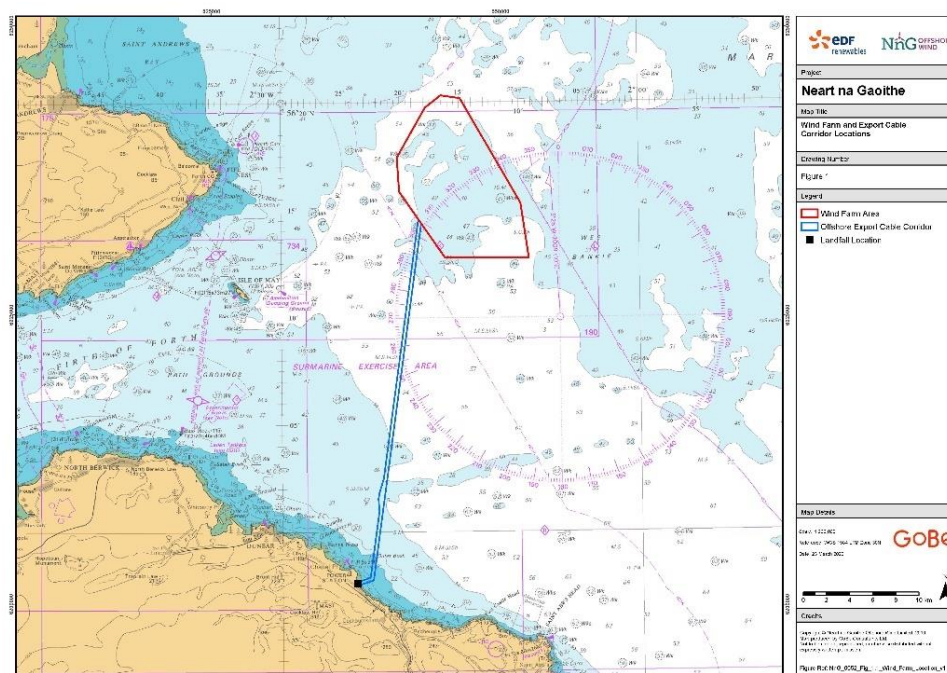


Figure 1 – Export Cable Corridor

Table 1 – Export Cable Corridor Coordinates

Export Cable Corridor Coordinates (WGS84)	
Longitude (DDM)	Latitude (DDM)
2° 22.472' W	55° 57.734' N
2° 23.539' W	55° 57.541' N
2° 23.802' W	55° 57.584' N
2° 23.820' W	55° 57.609' N
2° 23.636' W	55° 57.693' N
2° 22.729' W	55° 57.866' N
2° 21.938' W	56° 00.990' N
2° 21.951' W	56° 01.007' N
2° 22.005' W	56° 01.449' N
2° 22.004' W	56° 01.552' N
2° 21.932' W	56° 01.795' N
2° 21.563' W	56° 02.468' N
2° 18.479' W	56° 14.546' N
2° 18.237' W	56° 14.349' N

Please be aware that by virtue of its mode of operation and the equipment deployed, both the *Norne* and *Cable Enterprise* will at times be Restricted in their Ability to Manoeuvre as defined under COLREGS (International Regulations for Preventing Collisions at Sea 1972, Rule 3).

Masters of vessels are therefore requested to maintain their vessels and gears at a minimum safe distance from both vessels of 500 metres when they are undertaking their work and showing the appropriate shapes and lights.

An exclusion area of 500m either side of each export cable route for static fishing gear is requested. This is shown in Figure 2 and the coordinates provided in Table 2 overleaf. The existing nearshore exclusion area will also remain in place.

Vessels with bottom-towed gear are requested to be kept clear of a reduced exclusion area once the cable laying commences, which will be notified by the Company Fisheries Liaison Officer.

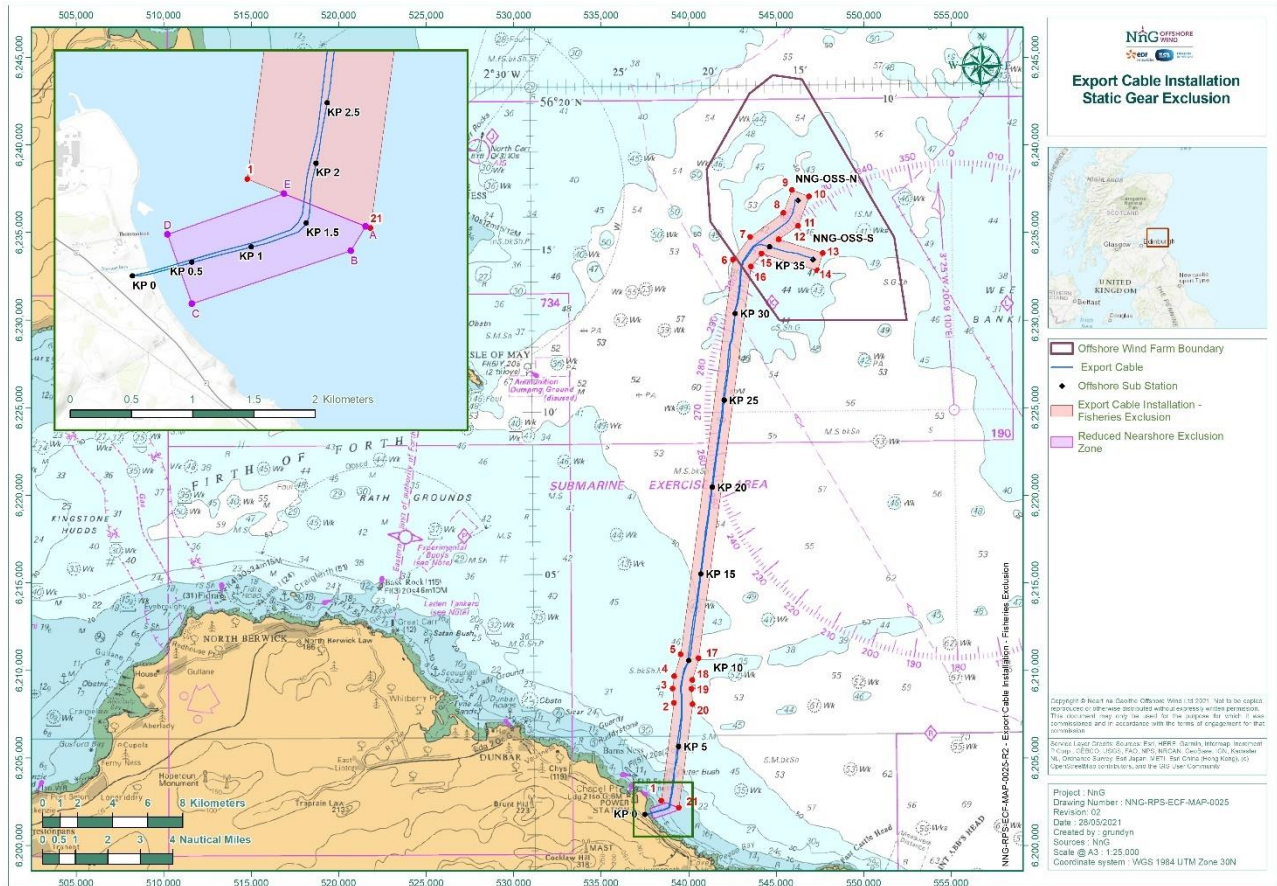


Figure 2 – Export Cable installation Static Gear Export Cable Exclusion Zone

Table 2 – Export Cable installation Static Gear Export Cable Exclusion Zone

ID	Export Cable Installation Static Gear Export Cable Exclusion Zone Coordinates (WGS84)	
	Longitude (DDM)	Latitude (DDM)
1	2° 23.058' W	55° 58.009' N
2	2° 22.314' W	56° 01.014' N
3	2° 22.368' W	56° 01.454' N
4	2° 22.287' W	56° 01.836' N
5	2° 21.917' W	56° 02.512' N
6	2° 18.822' W	56° 14.640' N
7	2° 17.858' W	56° 15.328' N
8	2° 16.012' W	56° 16.061' N
9	2° 15.514' W	56° 16.760' N
10	2° 14.570' W	56° 16.557' N
11	2° 15.194' W	56° 15.662' N
12	2° 16.276' W	56° 15.248' N

ID	Export Cable Installation Static Gear Export Cable Exclusion Zone Coordinates (WGS84)	
	Longitude (DDM)	Latitude (DDM)
13	2° 13.848' W	56° 14.814' N
14	2° 14.159' W	56° 14.275' N
15	2° 17.233' W	56° 14.818' N
16	2° 17.835' W	56° 14.420' N
17	2° 20.930' W	56° 02.383' N
18	2° 21.280' W	56° 01.717' N
19	2° 21.339' W	56° 01.440' N
20	2° 21.287' W	56° 00.971' N
21	2° 22.095' W	55° 57.787' N
ID	Nearshore Exclusion Zone Coordinates (WGS84)	
A	2° 22.132' W	55° 57.796' N
B	2° 22.251' W	55° 57.689' N
C	2° 23.501' W	55° 57.463' N
D	2° 23.687' W	55° 57.769' N
E	2° 22.772' W	55° 57.943' N

Schedule

The PLGR and cable installation works is due to begin on the first export cable week commencing 14th June 2021, weather dependent. The same works on the second export cable is due to begin in mid-July 2021. It is anticipated that the PLGR and cable installation works on both cables will be completed in August, weather dependant.

Construction works will be carried out on a continuous basis (i.e. 24-hour working, seven days a week), unless notified otherwise.

For updates on the progress of the works, information will be provided in the Weekly Notice of Operations available on the NnG project website: <https://nngoffshorewind.com/downloads/>.

Vessels Associated with the Activity

Table 3 - Norne Vessel Details

Vessel name:	Norne
Vessel role:	Pre-Lay Grapnel Run Vessel
Call sign:	PCJR
Maritime Mobile Service Identity:	245460000
On board contact:	Contact name: Vessel Master Email: norne@koerts-its.eu Phone: +44 203 1309591
Onshore representative:	Contact name: R. Koerts

Email: dpa@koerts.eu

Phone: +31 (6) 12343464



A spearpoint grapnel will be used by the *Norne*, which will consist of a shank with five prongs with reinforced tips. The grapnel will be 1.5m in length and 0.9m wide, with a total weight of 250kg (shown in Figure 3). The spearpoint grapnel will be connected to the *Norne* by a towing wire, and both gifford and rennie chain grapnels (shown in Figure 4).



Figure 3 - Spearpoint Grapnel

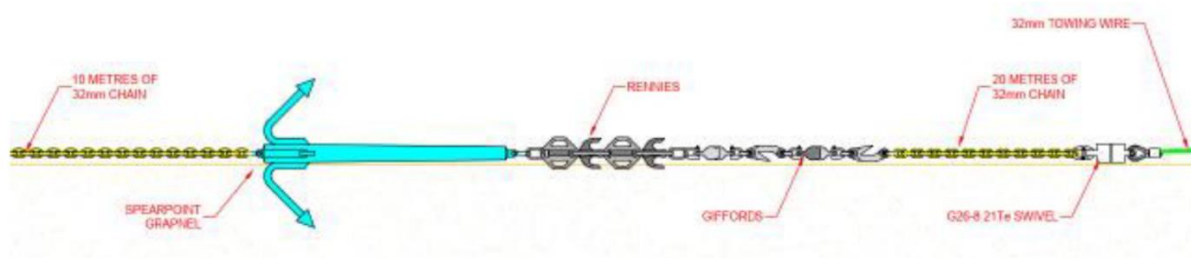


Figure 4 - Grapnel Train

Table 4 – Cable Enterprise Vessel Details

Vessel name:	Cable Enterprise
Vessel role:	Cable Installation Vessel
Call sign:	2FOV9
Maritime Mobile Service Identity:	235093018
On board contact:	Contact name: Vessel Master Email: ce.master@prysmiangroup.com Phone: +44 779 8764403

Onshore representative:	Contact name: Stefano Dalmasso Email: sdalmasso@seaworldmanagement.com Phone: +377 678 632642
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Table 5 - Celtic Guardian Vessel

Vessel name:	Celtic Guardian
Vessel role:	Crew Transfer Vessel
Call sign:	21ZH5
Maritime Mobile Service Identity:	235114006
On board contact:	Contact name: Vessel Master – Iain Hill Email: iain.hill@specialisedmarinesupport.com Phone: 07540 944992
Onshore representative:	Contact name: Steven Foster Phone: +44 (0) 7425 623377
 <p>© BERNARD HILLY MarineTraffic.com</p>	

Table 6 - Morning Dawn Guard Vessel

Vessel name:	Morning Dawn
Vessel role:	Guard Vessel
Call sign:	MHEU3


Vessel name:	Morning Dawn
On board contact:	Contact name: Vessel Master Email: bridge@morning-dawn.co.uk Phone: + 33 640 047722 / +44 1779 400158
	

Table 7 – Courage Guard Vessel


Vessel name:	Courage
Vessel role:	Guard Vessel
Call sign:	MJDL4
On board contact:	Contact name: Vessel Master Email: couragesh170@gmail.com Phone: +44 1261 877295 / +44 7766 833463
	

Table 8 - Shemarah II Guard Vessel

Vessel name:	Shemarah II
Vessel role:	Guard Vessel
Call sign:	MVRR7
On board contact:	Contact name: Vessel Master Email: donaldmoodie@moodiemarine.com Phone: +44 131 202 9850 / +44 7774 810625

Vessel name:	Shemarah II
	

An additional two guard vessels are currently on site supporting the Neart na Gaoithe Offshore Wind Farm construction. The guard vessels will be two of the below, which can be contacted as follows, if required:

Table 9 - Seagull Guard Vessel


Vessel name:	Seagull
Vessel role:	Guard Vessel
Call sign:	MVBO2
On board contact:	Contact name: Vessel Master Email: seagullbf74@gmail.com Phone: +44 (0) 1261 878040 / +44 (0) 7895 919100
	

Table 10 - Artemis Guard Vessel

Vessel name:	Artemis
Vessel role:	Guard Vessel
Call sign:	MVIX5
On board contact:	Contact name: Vessel Master Email: concordeb47@aol.com Phone: +44 (0) 7949 663790 / +44 (0) 1261 455461



Vessel name:	Artemis
	

Table 11 - Tranquillity S Guard Vessel

Vessel name:	Tranquillity S
Vessel role:	Guard Vessel
Call sign:	MJUH9
On board contact:	Contact name: Vessel Master Email: spousekeil@yahoo.com Phone: +44 (0) 1346 454758
	

Port of Operation

The *Norne* and *Cable Enterprise* will both mobilise from Middlesbrough, UK.

Adverse weather conditions

Upon adverse weather conditions, if the *Norne* and *Cable Enterprise* are not able to hold on position, they will seek shelter or return to Port within the Firth of Forth.

General Safety Advice

Construction activities are ongoing within the boundaries of the Neart na Gaoithe Offshore Wind Farm. Mariners are advised to refer to the NnG Weekly Notice of Operations where up to date information regarding activities on site is broadcast. A copy of this notice and the Weekly Notice of Operations can also be found at <https://nngoffshorewind.com/downloads/>

Marine Coordination Contact Details

The following contact can provide more information if required. Please note that specific queries can also be addressed to the relevant vessel or shore based representative.

Table 12 - Marine Coordination Contact Details

Telephone number (daytime):	+44 (0) 1890 751415 (use Emergency contact only until further notice)
Emergency contact (24/7):	+44 (0) 7508 421406
Email:	nng.mc@smchse.com
Address:	NnG Offshore Wind Farm Marine Coordination Centre, Gunsreen Basin, Eyemouth, TD14 5SD

Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Natural Power. For any commercial fishery queries please contact the NnG company Fisheries Liaison Officer (CFLO) Peter Berney, telephone: +44 (0)7391 402387 or email: NnG.FLO@naturalpower.com. An Offshore Fisheries Liaison Officer (OFLO) will be present on both the *Norne* and *Cable Enterprise* and can be contacted via VHF Channel 16.

Distribution List

A central list of recipients is maintained by the company Fisheries Liaison Officer; if you are not the appropriate recipient of these notices, or do not wish to receive the notices in the future, please contact us at NnG.FLO@naturalpower.com.

A copy of this notice can also be found at <https://nngoffshorewind.com/>