

Date of issue:	30/07/2021
Period covered:	21/07/2021 – 04/08/2021
Notice number:	051
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**Construction of the Neart na Gaoithe (NnG) Offshore Wind Farm is ongoing. This notice is updated weekly giving information on the progress and resources involved in the offshore works. The intention is to give an overview of activities and vessels involved. Questions regarding the operations are welcomed.**

Current works include;

1. Guard vessel duties (Section 3)
2. Nearshore pre-cable installation works (Section 3.2)
3. Offshore Seabed Preparation (Section 3.3)
4. Pre-Lay Grapple Run and Export Cable Installation (Section 3.4)
5. Pile Installation (Section 3.6)
6. Commencement of Export Cable Burial Works (Section 3.5)

Planned Operations;

1. Commencement of Inter-Array Cable Pre-Lay Trenching Works (Section 4.1)
2. Recovery of Seabed Hazard at Location NNG-H17 (Section 4.2)

**1 Project Location**

The following tables and figures illustrate the boundaries, safety zones and exclusions applicable to the Neart na Gaoithe wind farm area and export cable corridor.

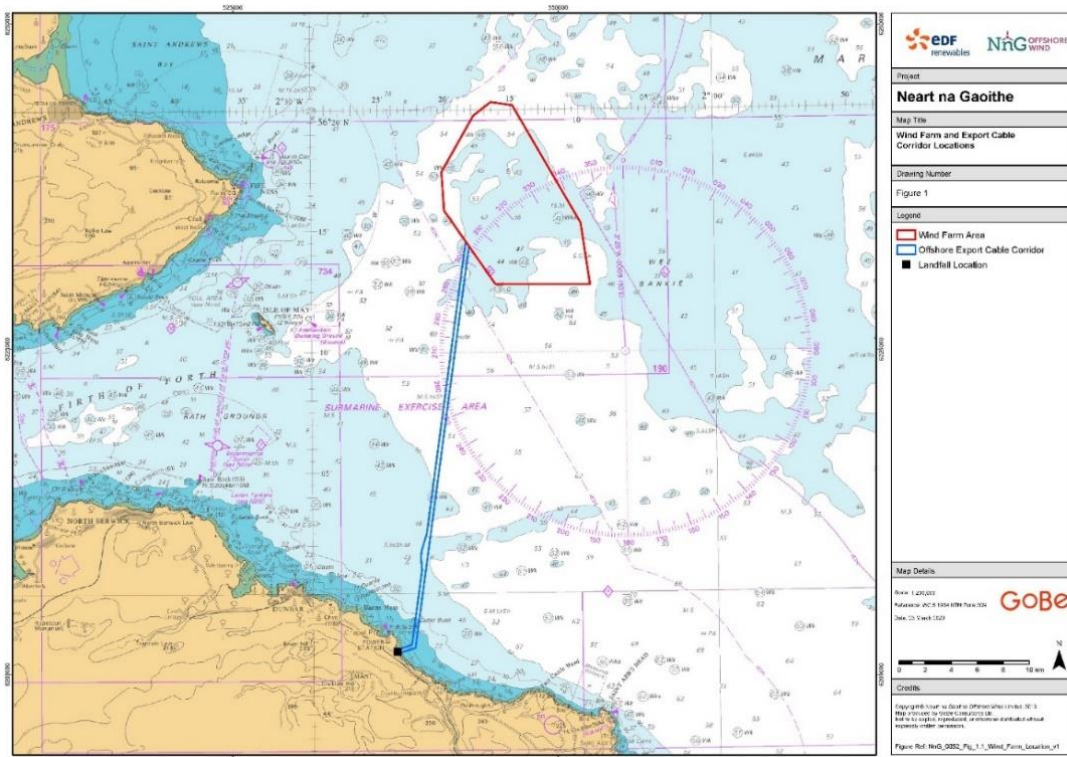


Figure 1 - Wind Farm Area and Export Cable

Table 1 - Wind Farm Area and Export Cable Coordinates

Wind Farm Area Coordinates (WGS84)	
LONGITUDE (DDM)	LATITUDE (DDM)
002° 09.898' W	56° 15.271' N
002° 09.255' W	56° 12.721' N
002° 13.998' W	56° 12.752' N
002° 16.293' W	56° 12.766' N
002° 19.628' W	56° 15.479' N
002° 20.055' W	56° 15.827' N
002° 20.232' W	56° 17.430' N
002° 17.826' W	56° 19.752' N
002° 16.518' W	56° 20.312' N
002° 14.910' W	56° 20.171' N

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

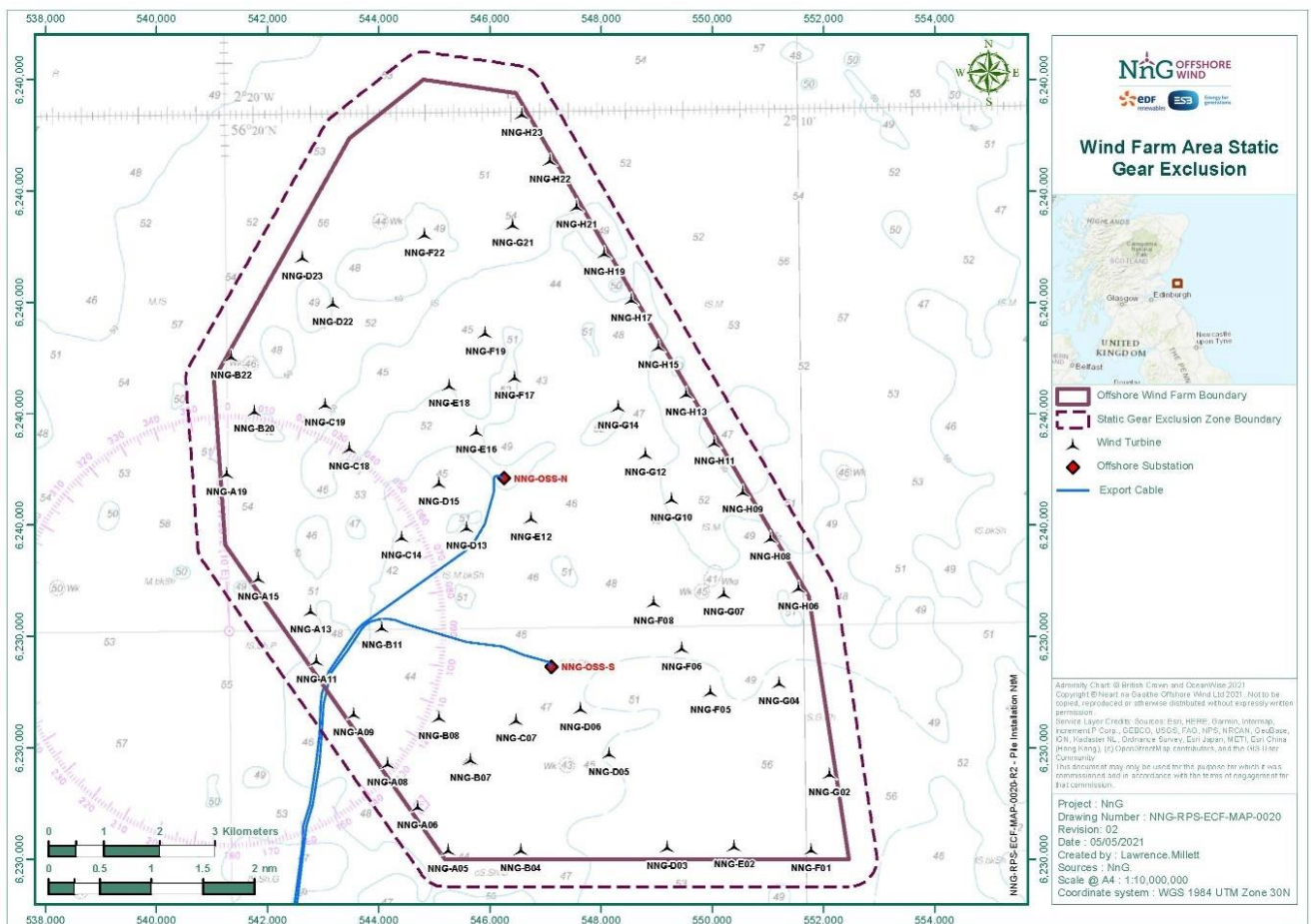


Figure 2 - Wind Farm Area Static Fishing Gear Exclusion

Table 2 - Wind Farm Area Static Fishing Gear Exclusion Coordinates

LONGITUDE (DDM)	LATITUDE (DDM)
002° 20.566' W	56° 15.680' N
002° 20.849' W	56° 17.468' N
002° 18.242' W	56° 19.938' N
002° 16.611' W	56° 20.613' N
002° 14.363' W	56° 20.392' N
002° 09.300' W	56° 15.334' N
002° 08.661' W	56° 12.651' N
002° 09.058' W	56° 12.405' N
002° 16.505' W	56° 12.410' N

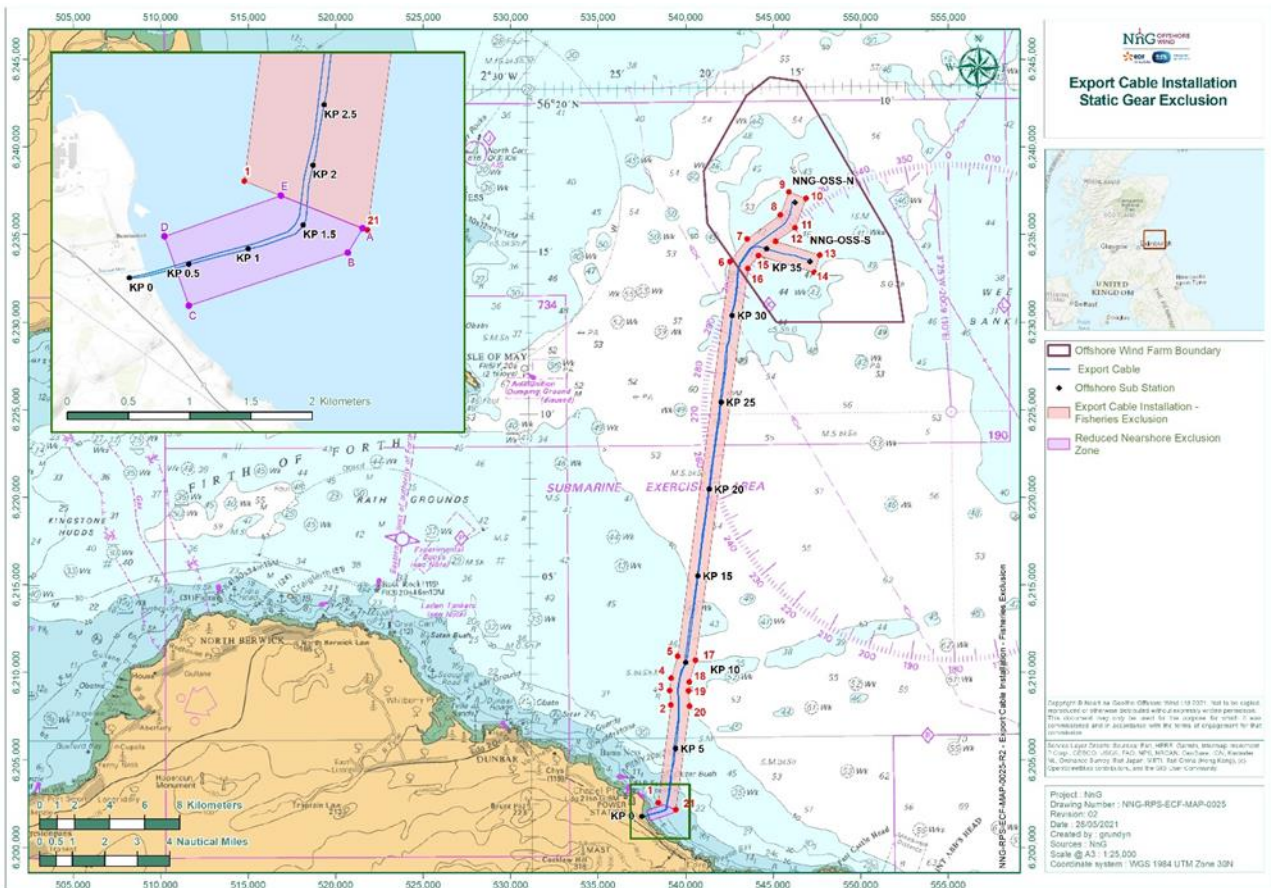


Figure 3 - Export Cable Static Gear Export Cable Exclusion Zone

Table 3 - Export Cable Static Gear Exclusion Zone Coordinates

ID	Export Cable 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



ID	Export Cable Static Gear Export Cable Exclusion Zone Coordinates (WGS84)	
	LONGITUDE (DDM)	LATITUDE (DDM)
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
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

## 2 Completed Operations

### 2.1 Drilling and Casing Installation

Casing installation operations have been successfully completed at the locations listed in Table 4 (shaded Grey). The coordinates of each casing installed, and the casing stick-up (above seabed) can be found at: <https://nngoffshorewind.info/>

Table 4 - Coordinates of NnG Turbine Locations and Offshore Substation Platforms. Anticipated locations of work (green highlight) – complete locations are shaded (grey)

ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)	TURBINE ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)
NNG-A13	002° 18.580' W	56° 15.153' N	NNG-F22	002° 16.536' W	56° 18.785' N
NNG-A11	002° 18.489' W	56° 14.668' N	NNG-F19	002° 15.487' W	56° 17.828' N
NNG-A09	002° 17.845' W	56° 14.153' N	NNG-F17	002° 14.978' W	56° 17.394' N
NNG-A08	002° 17.267' W	56° 13.665' N	NNG-F08	002° 12.603' W	56° 15.198' N

ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)	TURBINE ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)
NNG-A06	002° 16.755' W	56° 13.248' N	NNG-F06	002° 12.129' W	56° 14.751' N
NNG-A05	002° 16.231' W	56° 12.822' N	NNG-F05	002° 11.632' W	56° 14.330' N
NNG-B22	002° 19.921' W	56° 17.623' N	NNG-G21	002° 14.988' W	56° 18.873' N
NNG-B20	002° 19.521' W	56° 17.097' N	NNG-G14	002° 13.181' W	56° 17.095' N
NNG-B11	002° 17.341' W	56° 14.989' N	NNG-G12	002° 12.715' W	56° 16.640' N
NNG-B08	002° 16.365' W	56° 14.109' N	NNG-G10	002° 12.270' W	56° 16.197' N
NNG-B07	002° 15.822' W	56° 13.695' N	NNG-G07	002° 11.379' W	56° 15.279' N
NNG-B04	002° 14.964' W	56° 12.817' N	NNG-G04	002° 10.435' W	56° 14.405' N
NNG-C19	002° 18.293' W	56° 17.155' N	NNG-G02	002° 09.572' W	56° 13.520' N
NNG-C18	002° 17.882' W	56° 16.725' N	NNG-H23	002° 14.806' W	56° 19.943' N
NNG-C14	002° 16.984' W	56° 15.858' N	NNG-H22	002° 14.322' W	56° 19.488' N
NNG-C07	002° 15.017' W	56° 14.076' N	NNG-H21	002° 13.865' W	56° 19.043' N
NNG-D23	002° 18.666' W	56° 18.572' N	NNG-H19	002° 13.397' W	56° 18.588' N
NNG-D22	002° 18.135' W	56° 18.127' N	NNG-H17	002° 12.932' W	56° 18.134' N
NNG-D15	002° 16.321' W	56° 16.376' N	NNG-H15	002° 12.466' W	56° 17.677' N
NNG-D13	002° 15.848' W	56° 15.946' N	NNG-H13	002° 11.997' W	56° 17.214' N
NNG-D06	002° 13.894' W	56° 14.179' N	NNG-A19	002° 20.015' W	56° 16.490' N
NNG-D05	002° 13.417' W	56° 13.744' N	NNG-A15	002° 19.484' W	56° 15.474' N
NNG-D03	002° 12.421' W	56° 12.828' N	NNG-F01	002° 09.915' W	56° 12.079' N
NNG-E18	002° 16.122' W	56° 17.324' N	NNG-H11	002° 11.513' W	56° 16.740' N
NNG-E16	002° 15.658' W	56° 16.874' N	NNG-H09	002° 11.027' W	56° 16.263' N
NNG-E12	002° 14.720' W	56° 16.029' N	NNG-H08	002° 10.555' W	56° 15.808' N
NNG-E02	002° 11.251' W	56° 12.829' N	NNG-H06	002° 10.079' W	56° 15.324' N
NNG-OSS-N	002° 15.193' W	56° 16.446' N	NNG-OSS-S	002° 14.395' W	56° 14.615' N

## 2.2 Export Cable Landfall – HDD Marine Works

As of 4<sup>th</sup> March 2021, NnGOWL has completed the HDD supporting works within the nearshore extent of the Export Cable Corridor. Ducting has been installed at HDD1 and HDD2. The first export cable has been installed within HDD 1, with the second due to be installed in July. The position and stick-up above seabed for HDD 2 is provided in Table 5. A surface marker buoy is in place to notify of this.

Table 5 - HDD Ducting Stick up and location

Exit Pit	LONGITUDE (DDM)	LATITUDE (DDM)	Stick-up
HDD 2	002° 23.282' W	55° 57.694' N	Approx. 1.50m

**2.3 Completion of Triaxys Waverider Buoys Maintenance**

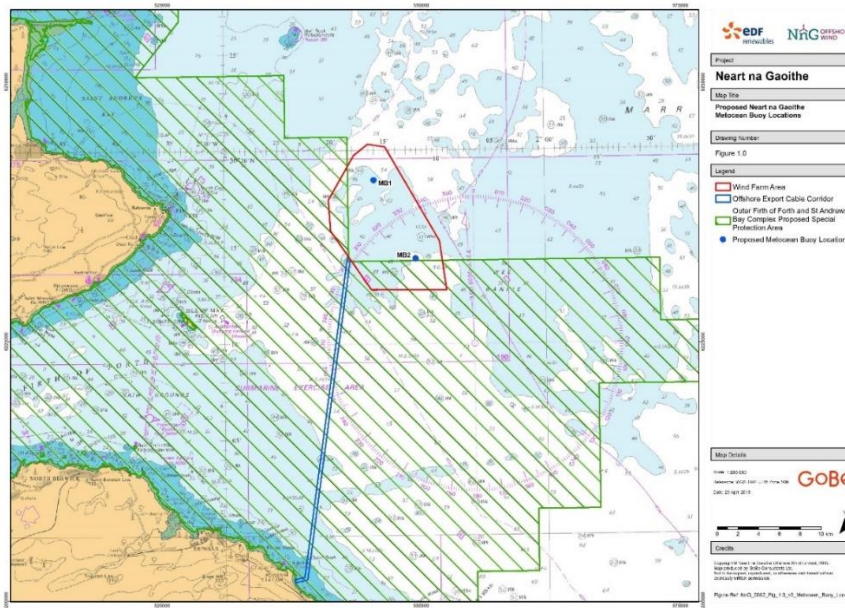
As of 26<sup>th</sup> July 2021, Mariners are advised that maintenance has successfully been completed at the two triaxys waverider buoys deployed within the Near na Gaoithe Wind Farm Area, show in Figure 4. The locations of the waverider buoys have been slightly revised following the recovery and redeployment, those in Table 6 should be referred to.

**Area of Operations**

The as-laid positions of the two waverider buoys are indicated by the coordinates in Table 6.

*Table 6 – Triaxys Waverider Buoys Coordinates*

Triaxys Waverider Buoy	Longitude (DDM) (WGS84)	Latitude (DDM) (WGS84)
MB 1 (North)	002° 15.981' W	56° 18.466' N
MB 2 (South)	002° 12.124' W	56°14.345' N



*Figure 4 – Location of Triaxys Waverider Buoys*

**3 Ongoing Operations**

This section outlines the ongoing operations in the Project Areas, for full details regarding the activity, the applicable Notice to Mariners (NtM) can be found on our website at <https://nngoffshorewind.com/resources/>.

**3.1 Guard Vessels**

SFF Services has been appointed by NnGOWL to provide guard vessels during the Construction of NnG Offshore Wind Farm. Apart from times of extreme weather, there will always be at least two guard vessels on site, to cover the Wind Farm Area and Export Cable Corridor. The guard vessel’s primary duty is security of the construction site by informing and warning non-construction vessels of the ongoing activities and associated Safety Zones. The guard vessels present on site for the duration of this weekly notice of operations are shaded in blue in Table 7.

Table 7 - Guard Vessel Project Rotation

Guard Vessel	Start Date	End Date	Guard Vessel Area
Seagull	23/07/2021	19/08/2021	Wind Farm Area
Artemis	07/07/2021	03/08/2021	Nearshore Area
Tranquillity	04/08/2021	09/08/2021	Wind Farm Area
Morning Dawn	18/07/2021	14/08/2021	Export Cable
Courage	13/07/2021	09/08/2021	Export Cable

The guard vessel details are provided in Section 8.1.

### 3.2 Nearshore pre-cable installation works

Description (NtM 138 Rev 4.0)		
<p>The <i>C57 Red Squirrel</i> is working along the East export cables routes within the nearshore area to excavate a trenches within which the second export cable will be laid, alongside a team of divers.</p> <p>The Crew Transfer Vessel is also supporting with periodic minor surveys of the route. Further details of the vessels involved in the works is provided in Section 8.2.</p> <p>Vessels are requested to remain at least 500 metres away from the <i>C57 Red Squirrel</i>. Static fishing gear is requested to remain removed from the exclusion area, shown in Table 3 and Figure 3.</p>		
Vessels	Type / Role	Timescales
Capall Mara	Jack up Barge	The pre-enabling construction works are ongoing, and are expected to last until August 2021, weather dependent.
C57 Red Squirrel	Jack up Barge	
Forth Trojan	C57 Tug	
Forth Drummer	C57 Tug	
Battler	C57 Tug	
Celtic Guardian	CTV	
Tempest	Dive Vessel	
Wavedancer II	CTV	
Area		
<p>Project Location: Nearshore Area of the Export Cable Route, shown in Table 3 and Figure 3</p> <p>Operational Port: Eyemouth / Burntisland</p>		

**3.3 Offshore Seabed Preparation**

Description (NtM 140 Rev 2.0)		
<p>A single vessel, is undertaking the remaining boulder relocation operations in preparation for installation of the inter array cables in the Wind Farm Area, shown in Figure 5. The <i>Sartor</i> has demobilised and will be replaced by the <i>Sar Fame</i> (Call Sign: C6UL5) from 5th August at the earliest.</p> <p>Relocation of boulders in areas of inter array cable infrastructure is a critical pre-construction activity to reduce significant Health and Safety risks to the construction phase. Boulders will be relocated a short distance from their existing position only.</p> <p>Further details of the vessel involved in the works is provided in Section 8.6.</p>		
Vessels	Type / Role	Timescales
Sar Fame	Offshore Supply Vessel	The works are expected to last until December 2021, weather dependent.
Area		
<p>Project Location: Wind Farm Area, shown in Table 1 and Figure 1</p> <p>Operational Port: Montrose</p>		
Map		

Figure 5 - Wind Farm Area showing Inter-array cable routes where boulder clearance remaining (Red)



### 3.4 Pre-Lay Grapnel Run and Export Cable Installation

Description (NtM 147 Rev 1.0)		
<p>The PLGR has been completed using a grapnel towed from the vessel over both export cable routes. The West Export Cable has been installed by the cable lay vessel (CLV) <i>Cable Enterprise</i> (2FOV9). The Cable Enterprise returned to site on 27<sup>th</sup> July to install the second export cable. The cable has been installed through the Horizontal directional drill ducts and is currently being laid along the export cable route in the direction of the Wind Farm Area. It is expected that this will be complete by Monday 2<sup>nd</sup> August.</p> <p>An exclusion area of 500m either side of each export cable route for static fishing gear is requested, shown in Table 3 and Figure 3. Vessels with bottom-towed gear are requested to be kept clear of a reduced exclusion area communicated by the Company Fisheries Liaison Officer.</p> <p>Further details of the vessels involved in the works is provided in Section 8.4.</p>		
Vessels	Type / Role	Timescales
Norne	Pre-Lay Grapnel Run	The works are expected to be complete in September 2021.
Cable Enterprise	Cable Lay Vessel	
Celtic Guardian	Crew Transfer Vessel	
Area		
<p>Project Location: Wind Farm Area and Export Cable Route, shown in Table 1 and Figure 1</p> <p>Operational Port: Middlesbrough / Rosyth</p>		

### 3.5 Export Cable Burial Works

Description (NtM 153 Rev 1.0)		
<p>An ROV equipped with a jetting tool and mechanical cutting tool is lowered onto the seabed to undertake burial works. A jetting tool is used for burial operations in softer ground conditions, whilst the mechanical cutting tool is used for burial operations in harder ground conditions. Following the burial of the two export cables, the ROV will complete a post burial survey of the export cables to ensure the target burial depth has been achieved and that the cable protection is in situ.</p> <p>An exclusion area of 500m either side of each export cable route for static fishing gear is requested. The existing nearshore exclusion area will also remain in place, shown in Table 3 and Figure 3. Vessels with bottom-towed gear are requested to be kept clear of a reduced exclusion area as notified by the Company Fisheries Liaison Officer.</p> <p>Further details of the vessels involved in the works is provided in Section 8.5.</p>		
Vessels	Type / Role	Timescales
Normand Pacific	Cable Burial Vessel	The burial of the first export cable began on 21 <sup>st</sup> June 2021. The burial of the second export cable is due to begin week commencing 2 <sup>nd</sup> August 2021 at the earliest.
Area		
<p>Project Location: Export Cable Route, shown in Table 1 and Figure 1.</p> <p>Operational Port: Middlesbrough</p>		

### 3.6 Pile Installation

Description (NtM 148 Rev 1.0)		
<p>In preparation for the jacket foundation installation, three piles for each wind turbine location and offshore substation platform will be installed. The piles will be installed by the <i>Saipem 3000 (S3000)</i> (call sign: C6SW6) into pre-drilled sockets. Pile installation support is provided by the <i>Skandi Acergy</i> (call sign: LAFD7) offshore construction vessel.</p> <p>A supply vessel will be utilised to transport piles to NnG wind farm, <i>Peak Belfast</i>. A Crew Transfer Vessel may also be used to support operations, <i>Pegasus</i> (call sign V2ED2).</p> <p>The 500m static fishing gear exclusion zone around the Wind Farm Area remains, as shown in Figure 2 and Table 2. Further details of the vessels involved in the works is provided in Section 8.3.</p>		
Vessels	Type / Role	Timescales
Saipem 3000	Pile Installation Vessel	The pile installation work is anticipated to be completed by mid-December 2021, weather dependant.
Skandi Acergy	Offshore Construction Vessel	
Peak Belfast	Pile Transfer Vessel	
Pegasus	Crew Transfer Vessel	
Area		
<p>Project Location: Wind Farm Area, shown in Table 1 and Figure 1</p> <p>Operational Port: Blyth</p>		

## 4 Planned Operations

### 4.1 Commencement of Inter-Array Cable Pre-Lay Trenching Works

Description (NtM 160 Rev 1.0)		
<p><b>Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) are due to commence pre-lay trenching works along a number of inter-array cable routes within the Neart Na Gaoithe (NnG) Wind Farm Area, ahead of the installation of cables at a later date.</b></p> <p>Once a pre-trenching survey is complete and the routes are confirmed clear of any seabed obstructions, an ROV equipped with a jetting tool and mechanical cutting tool will be deployed to commence pre-lay trenching works. The ROV will be guided to the inter-array cable routes and commence cutting operations along the seabed. The <i>Guardian</i> will complete a post trenching survey to monitor the trenching depth.</p> <p>From the 6<sup>th</sup> September 2021 at the earliest, the <i>Libertas</i> will be an additional vessel completing survey and crew transfer operations.</p> <p>Further details of the vessel involved in the works is provided in Section 8.7.</p>		
Vessels	Type / Role	Timescales

Description (NtM 160 Rev 1.0)		
Living Stone	Cable Lay Vessel	The inter-array cable pre-lay trenching works is due to begin week commencing 2 <sup>nd</sup> August 2021 at the earliest, weather dependant. The pre-lay trenching works will be undertaken between August 2021 and September 2021.
Guardian	Survey Vessel & Crew Transfer Vessel	
Libertas	Survey Vessel & Crew Transfer Vessel	From 6 <sup>th</sup> September 2021 at the earliest, the Libertas will be an additional vessel completing survey and crew transfer operations.
Area		
Project Location: Wind Farm Area, shown in Table 1.		
Operational Port: Vlissingen, Netherlands & Rosyth, Scotland.		

**4.2 Recovery of Seabed Hazard at Location NNG-H17**

Description (NtM 149 Rev 2.0)				
<p>Mariners are advised that the S7000 is returning to Neart na Gaoithe (NnG) Offshore Wind Farm to recover the equipment previously left on the seabed. The recovery operation is expected to take place from Saturday 31<sup>st</sup> July at the earliest, weather dependant.</p> <p>The equipment has been deposited at Wind Turbine Generator (WTG) location NNG-H17, within the boundaries of the NnG offshore wind farm area. The coordinates for the temporary hazard are indicated in Table 8.</p> <p>The deposit occurred during drilling and casing installation operations from the Saipem 7000. The item is marked by a Guard Vessel and an exclusion zone is implemented. Navigation warnings will be issued until the item is recovered.</p> <p>Further details of the vessel involved in the works is provided in Section 8.8.</p>				
Vessels	Type / Role	Timescales		
S7000	Seabed Hazard Recovery	The recovery operation will be performed by the S7000 upon return to the NnG offshore wind farm area in late Quarter 3/early Quarter 4 2021.		
Area				
Project Location: Wind Farm Area, shown in Table 1.				
Coordinates				
<i>Table 8 - NnG Dropped Object Details</i>				
	LONGITUDE (DMM)	LATITUDE (DMM)	MAX. HEIGHT ABOVE SEABED	MIN. DEPTH BELOW LAT*
Dropped Object	2° 12.9492758' W	56° 18.1335714' N	38.23 m	12.12 m

**5 General Safety Advice**

All vessels engaged in the construction activity will exhibit appropriate lights and shapes prescribed by the International Regulations for Preventing Collisions at Sea; relative to their operations. All vessels engaged in the activity will also

transmit an Automatic Identification System (AIS) message. Mariners are requested to navigate with caution and keep continued watch on VHF Ch. 16, when navigating the area.

Please be aware that by virtue of their mode of operation and the equipment deployed vessels will be Restricted in their Ability to Manoeuvre (RAM) 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 these vessels of 500 metres when it is undertaking its work and showing the appropriate shapes and lights in accordance with COLREGs Rule 18.

Use of Safety Zones within the Neart na Gaoithe Offshore Wind Farm Construction Area is as follows:

- Mandatory “rolling” 500 metres (m) Safety Zones will be established around each wind farm structure (turbines and Offshore Substation Platforms (OSP)) and/or their foundations whilst construction works are in progress, as indicated by the presence of a construction vessel. Up to ten of these Safety Zones may be active at any given time.

The duty Guard Vessels and Marine Coordination Centre will be responsible for monitoring and policing the Safety Zones; and can be contacted directly for advice. Users are advised to keep clear of construction activities, including Safety Zones.

## 6 Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by the Company Fisheries Liaison Officer. For any commercial fishery queries please contact: Peter Berney, telephone: +44 (0)7391 402387 or email: [NnG.FLO@naturalpower.com](mailto:NnG.FLO@naturalpower.com). For any other general queries please contact [info@nngoffshorewind.com](mailto:info@nngoffshorewind.com).

## 7 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. The contact details for the marine coordination centre are indicated in Table 9.






Table 9 - Marine Coordination Contact Details

Telephone number (daytime operations):	+44 (0)7508421406 / +44 (0)1890 751415
Emergency contact (24/7):	+44 (0)7508421406 / +44 (0)1890 751415
Email:	<a href="mailto:nng.mc@smchse.com">nng.mc@smchse.com</a>
Address:	NnG Offshore Wind Farm Marine Coordination Centre Gungreen Basin Eyemouth TD14 5SD






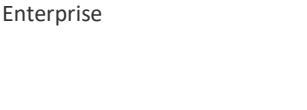
## 8 Vessels Associated with the Activity






Vessel	Vessel Function	Vessel Contact Details	Vessel Information
<b>8.1 Guard Vessels</b>			
Tranquillity S	Guard Vessel	Contact name: Vessel Master Email: <a href="mailto:spousekeil@yahoo.com">spousekeil@yahoo.com</a> Phone: +44 (0) 1346 454758	Call sign: MJUH9 IMO: N/A MMSI: 235053837









Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
Artemis 	Guard Vessel	Contact name: Vessel Master Email: <a href="mailto:concordebf74@aol.com">concordebf74@aol.com</a> Phone: +44 (0) 7949 663790 / +44 (0) 1261 455461	Call sign: MVIX5 IMO: 9119713 MMSI: 233975000
Seagull 	Guard Vessel	Contact name: Vessel Master Email: <a href="mailto:seagullbf74@gmail.com">seagullbf74@gmail.com</a> Phone: +44 (0) 1261 878040 / +44 (0) 7895 919100	Call sign: MVBO2 IMO: 9112545 MMSI: 233714000
<b>8.2 Nearshore pre-cable installation works</b>			
C57 Red Squirrel 	Nearshore Jack-Up Barge	Contact name: Vessel Master Email: <a href="mailto:C57@abcomarine.co.uk">C57@abcomarine.co.uk</a> Phone: +47 4768 8807	Call sign: J8B5722 IMO: NA MMSI: 377744000
Forth Trojan 	Tug	Contact name: Alan Henderson Email: <a href="mailto:AHenderson@briggsmarine.com">AHenderson@briggsmarine.com</a> Phone: +44 1592 871 906 / +44 7736 496 708	Call sign: 2FYM4 IMO: 9126948 MMSI: 235095311
Battler	Tug	Contact name: Sean Harrington Email: <a href="mailto:sean@atlantictowage.com">sean@atlantictowage.com</a> Phone: +353 (0) 8685 95701	Call sign: MGH9 IMO: 9157959 MMSI: 235021512






Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
<p>MTS Viking</p> 	Tug	<p>Contact name: Lorna Emmet</p> <p><a href="mailto:lornaemmet@abconearshore.co.uk">lornaemmet@abconearshore.co.uk</a></p> <p>+44 (0) 7889 584593</p>	<p>Call sign: MCYN9</p> <p>IMO: 9844227</p> <p>MMSI: 232015091</p>
<p>Forth Drummer</p> 	Tug	<p>Contact name: Alan Henderson</p> <p>Email: <a href="mailto:AHenderson@briggsmarine.com">AHenderson@briggsmarine.com</a></p> <p>Phone: +44 1592 871 906 / +44 7736 496 708</p>	<p>Call sign: 2FIG9</p> <p>IMO: 9676917</p> <p>MMSI: 235091503</p>
<p>Celtic Guardian</p> 	Crew Transfer Vessel and Survey Vessel	<p>Contact name: Vessel Master – Iain Hill</p> <p>Email: <a href="mailto:iain.hill@specialisedmarinesupport.com">iain.hill@specialisedmarinesupport.com</a></p> <p>Phone: 07540 944992</p>	<p>Call sign: 21ZH5</p> <p>IMO: NA</p> <p>MMSI: 235114006</p>
<p>Wavedancer II</p> 	Crew Transfer Vessel	<p>Contact name: Vessel Master</p> <p>Email: <a href="mailto:Gary@divestay.co.uk">Gary@divestay.co.uk</a></p> <p>Phone: +44 (0) 7966 052614</p>	<p>Call sign: MPBU3</p> <p>IMO: NA</p> <p>MMSI: 235020574</p>
<p>Tempest</p> 	Dive Support Vessel	<p>Contact name: Rob Merrix</p> <p>Email: <a href="mailto:rcrtempest@commercialribcharter.co.uk">rcrtempest@commercialribcharter.co.uk</a></p>	<p>Call sign: MYUY7</p> <p>IMO: NA</p> <p>MMSI: 232003835</p>





Vessel	Vessel Function	Vessel Contact Details	Vessel Information
<b>8.3 Pile Installation</b>			
Saipem 3000 (S3000) 	Pile Installation	Contact name: Vessel Master Email: <a href="mailto:captain.s3000@saipem.com">captain.s3000@saipem.com</a> Phone: +39 02 010 24650	Call sign: C6SW6 IMO: 8309165 MMSI: 311516000
Skandi Acergy 	Offshore Construction Vessel	Contact name: Vessel Master Email: <a href="mailto:Acergy.captain@acergy.dof.no">Acergy.captain@acergy.dof.no</a> Phone V-Sat: +47 23 67 54 04	Call sign: LAFD7 IMO: 9387217 MMSI: 257691000
Peak Belfast 	Pile Transfer Vessel	Capt. F.B.Zeinstra <a href="mailto:peakbelfast@peakgroup.nl">peakbelfast@peakgroup.nl</a> +31 (0) 651184147 (24hr)	Call sign: PBPZ IMO: 9544891 MMSI: 246403000
Pegasus 	Crew Transfer Vessel	Contact name: Ben Stokes Email: <a href="mailto:Benjamin.Stokes@saipem.com">Benjamin.Stokes@saipem.com</a> Phone: +44 7833 479 546	Call sign: V2ED2 IMO: 9433743 MMSI: 305389000
<b>8.4 Pre-Lay Grapnel Run &amp; Export Cable Installation</b>			
Norne 	Pre-Lay Grapnel Run	Contact name: Vessel Master Email: <a href="mailto:norne@koerts-its.eu">norne@koerts-its.eu</a> Phone: +44 203 1309591	Call sign: PCJR IMO: 9612806 MMSI: 245460000
Cable Enterprise 	Cable Lay Vessel	Contact name: Vessel Master Email: <a href="mailto:ce.master@prysmiangroup.com">ce.master@prysmiangroup.com</a>	Call sign: 2FOV9 IMO: 8645806

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
		Phone: +44 779 8764403	MMSI: 235093018
Celtic Guardian 	Crew Transfer Vessel	Contact name: Vessel Master – Iain Hill  Email: <a href="mailto:iain.hill@specialisedmarinesupport.com">iain.hill@specialisedmarinesupport.com</a>  Phone: 07540 944992	Call sign: 21ZH5  IMO: NA  MMSI: 235114006
Morning Dawn 	Guard Vessel – Export Cable Installation	Contact name: Vessel Master  Email: <a href="mailto:bridge@morning-dawn.co.uk">bridge@morning-dawn.co.uk</a>  Phone: + 33 640 047722 / +44 1779 400158	Call sign: MHEU3  IMO: 8701416  MMSI: 232253000
Courage 	Guard Vessel – Export Cable Installation	Contact name: Vessel Master  Email: <a href="mailto:couragesh170@gmail.com">couragesh170@gmail.com</a>  Phone: +44 1261 877295 / +44 7766 833463	Call sign: MJDL4  IMO: 8712568  MMSI: 233308000
Shemarah II 	Guard Vessel – Export Cable Installation	Contact name: Vessel Master  Email: <a href="mailto:donaldmoodie@moodiemarine.com">donaldmoodie@moodiemarine.com</a>  Phone: +44 131 202 9850 / +44 7774 810625	Call sign: MVRRF  IMO: 9120889  MMSI: 232007650
Clyde Adventurer  NA	Crew Transfer Vessel/ Survey Vessel	Contact name: Lorna Emmet  <a href="mailto:lornaemmet@abconearshore.co.uk">lornaemmet@abconearshore.co.uk</a>  +44 (0) 7889 584593	Call sign: 2AYV6  IMO: NA  MMSI: 235064053
Celtic Nomad	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a>  +44 (0) 7540 944992 (24hr)	Call sign: 2FYF4  IMO: NA  MMSI: 235095248



Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
<p>Celtic Mara</p> 	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992 (24hr)	Call sign: 2GLP3 IMO: NA MMSI: 235098447
<p>Celtic Voyager</p> 	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992 (24hr)	Call sign: 2AXB3 IMO: NA MMSI: 235063646
<p>Celtic Trader</p> 	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992 (24hr)	Call sign: 2IQW5 IMO: NA MMSI: 235112043
<p>Celtic Explorer</p> 	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992 (24hr)	Call sign: NA IMO: NA MMSI: NA
<p>Celtic Wanderer</p> 	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992 (24hr)	Call sign: NA IMO: NA MMSI: NA
<p>Celtic Navigator</p>	Cable Lay Support Vessel	<a href="mailto:info@specialisedmarinesupport.com">info@specialisedmarinesupport.com</a> +44 (0) 7540 944992	Call sign: NA IMO: NA

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
		(24hr)	MMSI: NA
<p>Cantium</p> 	Cable Lay Support Vessel	<a href="mailto:daniel@charterRIBs.com">daniel@charterRIBs.com</a> 07770 382 920 (24hr)	Call sign: MGRL3 IMO: NA MMSI: 232026063
<p>CRC Argosy</p> 	Cable Lay Support Vessel	<a href="mailto:info@commercialribcharter.co.uk">info@commercialribcharter.co.uk</a>	Call sign: 2IHL8 IMO: NA MMSI: 235109792
<b>8.5 Export Cable Burial</b>			
<p>Normand Pacific</p> 	Export Cable Burial Vessel	Knut Ove Emberland <a href="mailto:knut.ove.emberland@solstad.com">knut.ove.emberland@solstad.com</a> +47 5285 9553 / +47 9132 2633	Call sign: LAXI7 IMO: 9491977 MMSI: 257743000
<b>8.6 Boulder Relocation Operations</b>			
<p>Sar Fame</p> 	Boulder Clearance	Contact name: Vessel Master Email: <a href="mailto:fame.captain@hvessel.com">fame.captain@hvessel.com</a> Phone: +47 482 83 728	Call sign: C6UL5 MMSI: 311947000

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
<b>8.7 Inter-Array Cable Pre-Lay Trenching Works</b>			
<p>Living Stone</p> 	<p>Cable Lay Vessel – Inter-Array Cable Pre-Trenching</p>	<p>TBC</p>	<p>Call sign: PBXN IMO: 9776925 MMSI: 244010952</p>
<p>Guardian</p> 	<p>Survey &amp; Crew Transfer Vessel</p>	<p>Vessel Master <a href="mailto:guardian@braveheartmarine.com">guardian@braveheartmarine.com</a>  0031 652786409</p>	<p>Call sign: PCFJ IMO: NA MMSI: 244750806</p>
<p>Libertas</p> 	<p>Survey &amp; Crew Transfer Vessel</p>	<p>Vessel Master <a href="mailto:libertas@braveheartmarine.com">libertas@braveheartmarine.com</a>  0031 650626941 (24 hour)</p>	<p>Call sign: PCVF IMO: NA MMSI: 244663000</p>
<b>8.8 Recovery of Seabed Hazard at Location NNG-H17</b>			
<p>Saipem 7000</p> 	<p>Heavy Lift Vessel</p>	<p>Contact name: Vessel Master  Email: <a href="mailto:s7000.captain@saipem.com">s7000.captain@saipem.com</a></p>	<p>Call sign: C6NO IMO: 8501567 MMSI: 309461000</p>