Date of issue:	10/09/2021
Period covered:	01/09/2021 – 15/09/2021
Notice number:	057
Author:	Claire Gilchrist

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 3.1)
2. Pile Installation (Section 3.2)
3. Export Cable Burial Works (Section 3.3)
4. Offshore Seabed Preparation (Section 3.4)
5. Inter-Array Cable Pre-Lay Trenching Works (Section 3.5)

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.

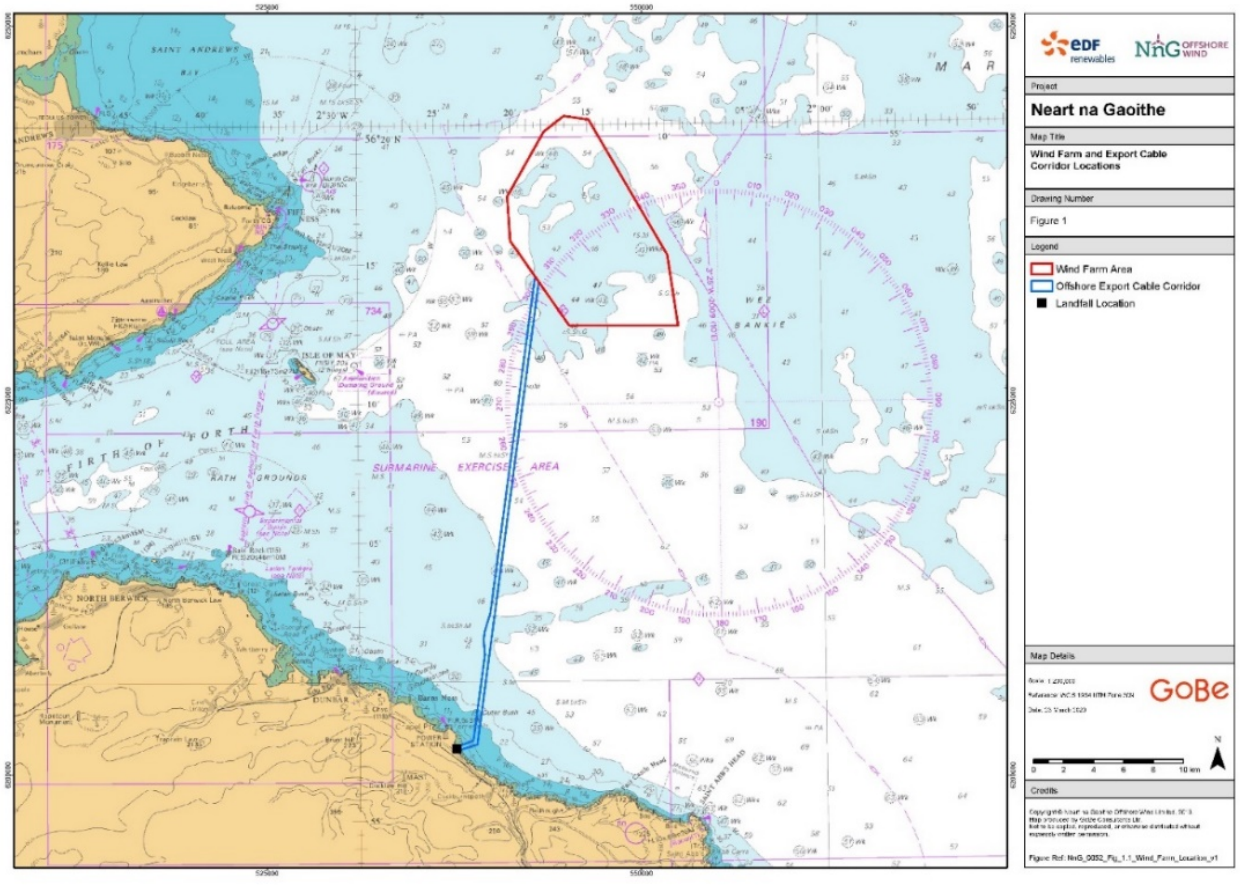


Figure 1 - Wind Farm Area and Export Cable

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

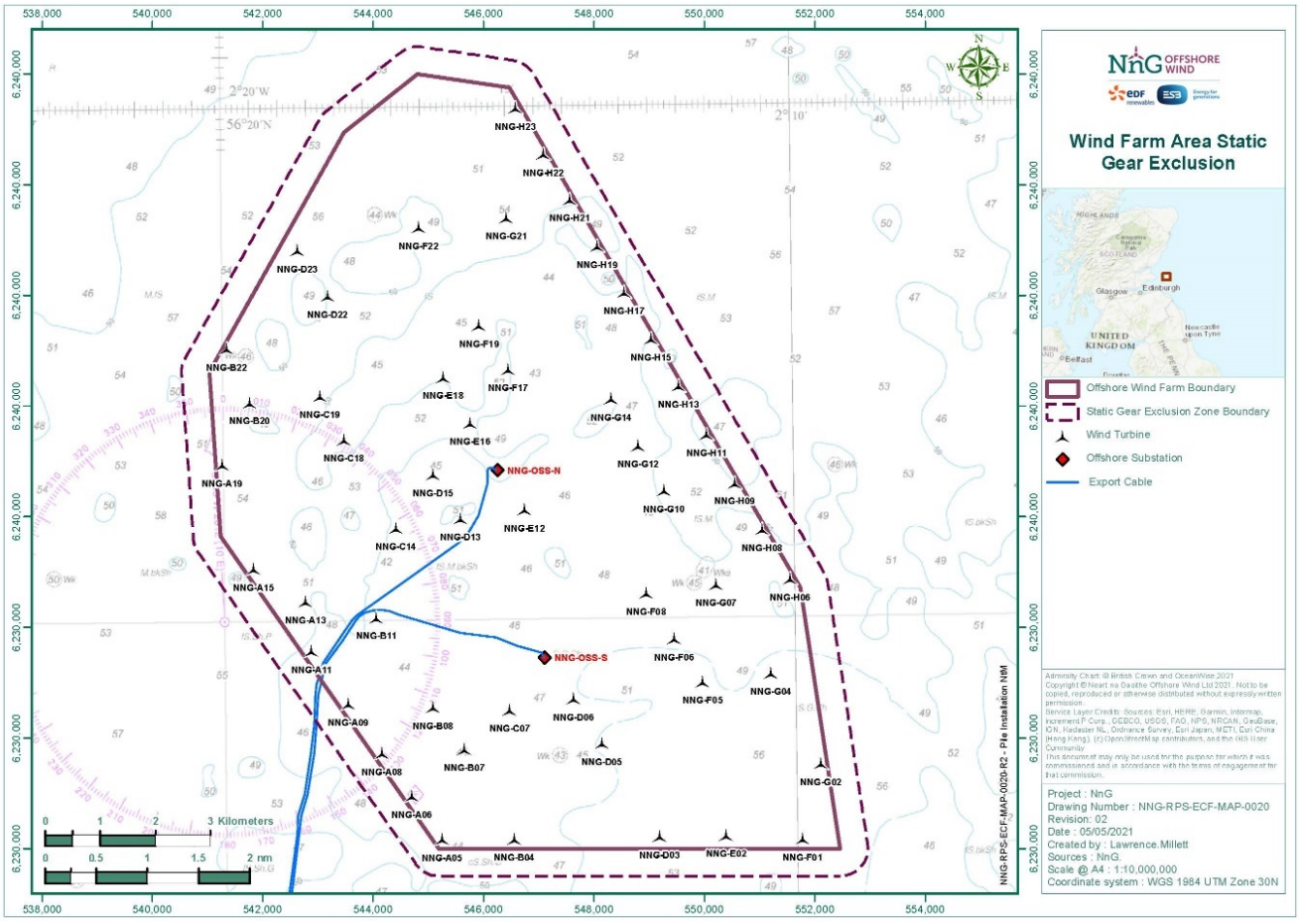


Figure 2 - Wind Farm Area Static Fishing Gear Exclusion

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

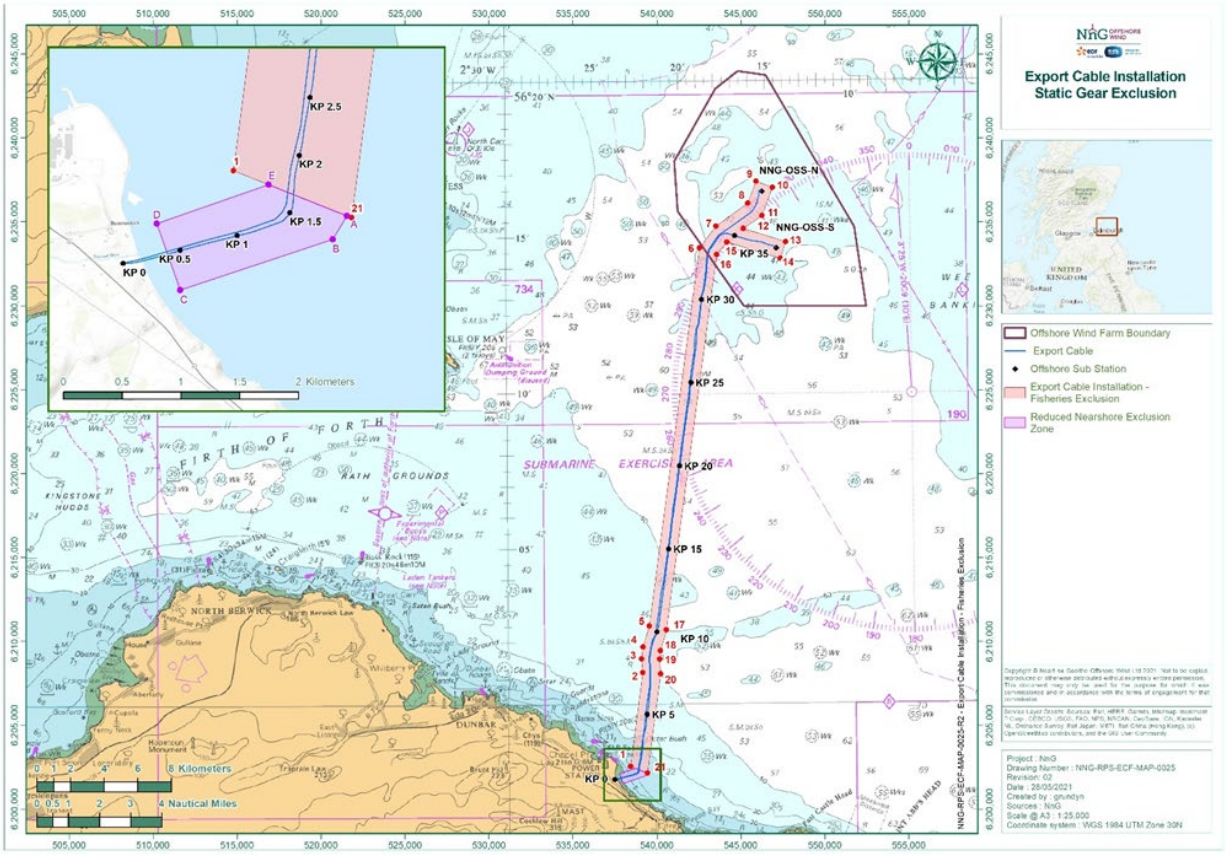


Figure 3 - Export Cable Static Gear Export Cable Exclusion Zone

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
4	2° 22.287' W	56° 01.836' N

ID	Export Cable Static Gear Export Cable Exclusion Zone Coordinates (WGS84)	
	LONGITUDE (DDM)	LATITUDE (DDM)
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 Foundations: Casing and Pile Installation

Casing and pile installation operations have been successfully completed at the orange shaded locations listed in Table 4. Casing only installation operations have been successfully completed at the grey shaded locations listed in Table 4 . The co-ordinates of each casing and pile installed, and the stick-up measurement above seabed can be found at: https://nngoffshorewind.info/

Table 4 – Centre coordinates of NnG Turbine Locations and Offshore Substation Platforms with completed locations shaded as appropriate

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
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

ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)	TURBINE ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)
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° 120790’ 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

NnGOWL has completed the HDD supporting works within the nearshore extent of the Export Cable Corridor. Ducting has been installed at HDD1 and HDD2 and both export cables have been installed within the HDD 1 ducts. A surface marker buoy is in the location specified in Table 5.

Table 5 – Surface Marker Buoy Location

LONGITUDE (DDM)	LATITUDE (DDM)	Stick-up
002° 23.282’ W	55° 57.694’ N	N/A

2.3 Removal of a seabed hazard found

Description (NtM 144 Rev 2.0)
During boulder clearance works, the Sartor discovered a seabed hazard within the boundaries of the offshore wind farm. The hazard was identified as an anchor chain, with approximately 25m visible on the seabed surface. A 50-metre exclusion zone was advised around the anchor chain for safety reasons. This seabed hazard has now been removed by the Sartor replacement vessel, Vos Sweet (PCPE) and as such, the safe advisory zone is also removed from the position below.

Longitude (DDM)	Latitude (DDM))
002° 14.660' W	056° 17.980' N

2.4 Recovery of Marker Buoy Installation

Description (NtM 154 Rev 4.0)		
Mariners are advised that the cardinal marker buoy has been recovered from within the boundaries of the Neart na Gaoithe wind farm following the recovery of the hazard identified in NtM 149. As outlined within Revision 3.0 of NtM 149, issued on the 20/08/2021, a small protrusion remains above the level of the seabed. Mariners are advised to refer to NtM 149 for further information and the location of the remaining hazard.		
Vessels	**Type / Role**	Timescales
Kingdom of Fife	Recovery of cardinal buoy	The installed cardinal buoy has now been recovered.
Area		
Project Location: Wind Farm Area, shown in Table 1.		

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 as of the date of issue, are shaded in blue in Table 6. The guard vessel details are provided in Section 8.1.

Table 6 - Guard Vessel Project Rotation

Guard Vessel	Start Date	End Date	Guard Vessel Area
Seagull	25/08/2021	21/09/2021	Wind Farm Area
Artemis	12/09/2021	30/09/2021	Nearshore Area
Morning Dawn	20/08/2021	16/09/2021	Export Cable
Tranquillity	07/09/2021	26/09/2021	Wind Farm Area/ Export Cable
Courage	15/08/2021	11/09/2021	Export Cable

3.2 Pile Installation

Description (NtM 148 Rev 1.0)		
In preparation for the jacket foundation installation, three piles for each wind turbine location and offshore substation platform will be installed. The piles are being installed by the *Saipem 3000 (S3000)* (call sign: C6SW6) into pre-drilled sockets. Pile installation support is provided by the *Skandi Acergy* (call sign: LAFD7) offshore construction vessel. Information regarding the piles which have been installed to date, is provided at https://nngoffshorewind.info/. A supply vessel will be utilised to transport piles to NnG wind farm, *Peak Belfast*. A Crew Transfer Vessel may also be used to support operations, *Pegasus* (call sign V2ED2). 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 8.2.		
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	
Sea Gull	Platform Supply Vessel	
Peak Belfast	Pile Transfer Vessel	
Pegasus	Crew Transfer Vessel	
Area		
Project Location: Wind Farm Area, shown in Table 1 and Figure 1 Operational Port: Blyth		

3.3 Export Cable Burial Works

Description (NtM 153 Rev 1.0)
An ROV equipped with a jetting tool and mechanical cutting tool is lowered onto the seabed by the *Normand Pacific* 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. 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. Further details of the vessels involved in the works is provided in Section 8.3.

Vessels	**Type / Role**	**Timescales**
Normand Pacific	Cable Burial Vessel	The burial of the first export cable began on 21st June 2021. The burial of the second export cable commenced on 12th August 2021.
Area		
Project Location: Export Cable Route, shown in Table 1 and Figure 1. Operational Port: Middlesbrough		

3.4 Offshore Seabed Preparation

Description (NtM 140 Rev 5.0)		
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 *4*. The initial phase of work was completed by the *Sartor*, with a replacement vessel, *Vos Sweet* (Call Sign: PCPE), commencing work on 10th August. An updated NtM was issued on 1st September, to notify that the *Vos Sweet* will be replaced by the *Sartor* (Call Sign: 3ESV4) from the 6th September 2021, at the earliest. 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. Further details of the vessel involved in the works is provided in Section 8.4.		
Vessels	**Type / Role**	Timescales
Vos Sweet	Offshore Supply Ship	The works are expected to last until December 2021, weather dependent.
Sartor	Offshore Supply Ship	
Area		
Project Location: Wind Farm Area, shown in Table 1 and Figure 1 Operational Port: Montrose		
Map		

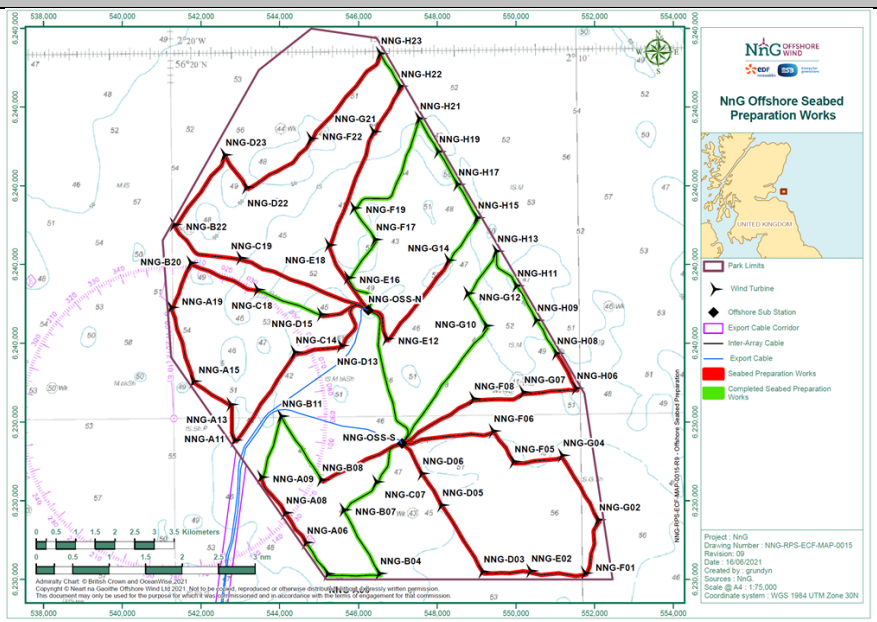
Description (NtM 140 Rev 5.0)


Figure 4 - Wind Farm Area showing Inter-array cable routes where boulder clearance remaining (Red)

3.5 Inter-Array Cable Pre-Lay Trenching Works

Description (NtM 160 Rev 2.0)
From 3rd September 2021 at the earliest, the inter-array cable routes will be trenched by a remotely operated vehicle (ROV) which is deployed and controlled from the *Living Stone.* To date, NnGOWL have completed the pre-trenching survey carried out by the *Guardian,* which has now demobilised. The ROV will be equipped with a jetting tool and mechanical cutting tool to undertake pre-lay trenching works along a number of inter-array cable routes. From 6th September 2021 at the earliest, the *Guardian* will be replaced by *the Libertas,* to complete post-trenching surveys. The *Artimus* will be an additional vessel completing crew transfer operations to/from the Livingstone, also due to mobilise from 6th September 2021 at the earliest. Further details of the vessel involved in the works is provided in Section 8.5.

Vessels	Type / Role	Timescales
Living Stone	Cable Lay Vessel	The inter-array cable pre-lay trenching works commenced on 12th August. The works are expected to be completed at the end of September, weather dependent.
Guardian	Survey Vessel & Crew Transfer Vessel	
Libertas	Survey Vessel & Crew Transfer Vessel	
Artimus	Additional Crew Transfer Vessel	

Area
Project Location: Wind Farm Area, shown in Table 1. Operational Port: Vlissingen, Netherlands & Rosyth, Scotland.

4 Planned Operations

4.1 Nearshore Post-Cable Installation Works

Description (NtM 161 Rev 1.0)		
A dive vessel, *CRC Tempest* (MYUY7) and a crew transfer vessel, *Celtic Guardian* (21ZH5) are due to return to the nearshore area of Thorntonloch to complete some work on the infrastructure at the HDD exit point for each export cable. A flange plate is to be installed by divers working from the Tempest. The Tempest will use a four-point mooring spread for the duration of the work, which is expected to be up to three days. Further details of the vessel involved in the works is provided in Section 8.6.		
Vessels	**Type / Role**	**Timescales**
Tempest	Dive Vessel	The work is expected to start on Tuesday 24th August at the earliest and be completed within three days, weather dependent.
Celtic Guardian	Crew Transfer Vessel/ Guard Vessel	

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 it 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. For any other general queries please contact info@nngoffshorewind.com.

7 Marine Coordination Contact Details

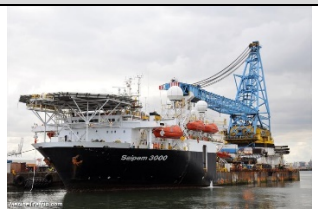
The following contact can provide more information if required. Please note that specific queries can also be addressed to the relevant vessel or shore-based representative. The contact details for the marine coordination centre are indicated in Table 7.

Table 7 - 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:	nng.mc@smchse.com
Address:	NnG Offshore Wind Farm Marine Coordination Centre Gunsgreen Basin Eyemouth TD14 5SD

8 Vessels Associated with the Activity

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
8.1 Guard Vessels			
Tranquillity S 	Guard Vessel	Contact name: Vessel Master Email: spousekeil@yahoo.com Phone: +44 (0) 1346 454758	Call sign: MJUH9 IMO: N/A MMSI: 235053837
Artemis 	Guard Vessel	Contact name: Vessel Master Email: concordebf47@aol.com Phone: +44 (0) 7949 663790 / +44 (0) 1261 455461	Call sign: MVIX5 IMO: 9119713 MMSI: 233975000
Seagull 	Guard Vessel	Contact name: Vessel Master Email: seagullbf74@gmail.com Phone: +44 (0) 1261 878040 / +44 (0) 7895 919100	Call sign: MVBO2 IMO: 9112545 MMSI: 233714000
8.2 Pile Installation			
Saipem 3000 (S3000)	Pile Installation	Contact name: Vessel Master Email: captain.s3000@saipem.com Phone: +39 02 010 24650	Call sign: C6SW6 IMO: 8309165 MMSI: 311516000

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
Skandi Acergy 	Offshore Construction Vessel	Contact name: Vessel Master Email: Acergy.captain@acergy.dof.no Phone V-Sat: +47 23 67 54 04	Call sign: LAFD7 IMO: 9387217 MMSI: 257691000
Sea Gull 	Platform Supply Vessel (PSV)	NnG Client Representative S3000-Rep@nngoffshorewind.com	Call sign: LAGK8 IMO: 9692624 MMSI: 257504000
Peak Belfast 	Pile Transfer Vessel	Capt. F.B.Zeinstra peakbelfast@peakgroup.nl +31 (0) 651184147 (24hr)	Call sign: PBPZ IMO: 9544891 MMSI: 246403000
Pegasus 	Crew Transfer Vessel	Contact name: Ben Stokes Email: Benjamin.Stokes@saipem.com Phone: +44 7833 479 546	Call sign: V2ED2 IMO: 9433743 MMSI: 305389000
8.3 Export Cable Burial			
Morning Dawn 	Guard Vessel – Export Cable Installation	Contact name: Vessel Master Email: bridge@morning-dawn.co.uk Phone: + 33 640 047722 / +44 1779 400158	Call sign: MHEU3 IMO: 8701416 MMSI: 232253000

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
Courage 	Guard Vessel – Export Cable Installation	Contact name: Vessel Master Email: couragesh170@gmail.com Phone: +44 1261 877295 / +44 7766 833463	Call sign: MJDL4 IMO: 8712568 MMSI: 233308000
Normand Pacific 	Export Cable Burial Vessel	Knut Ove Emberland knut.ove.emberland@solstad.com +47 5285 9553 / +47 9132 2633	Call sign: LAXI7 IMO: 9087312 MMSI: 372633000
8.4 Boulder Relocation Operations			
Sartor 	Offshore Supply Ship – Boulder Clearance	Bob Kingdom bobk@hughes-subsea.com +44(0) 7956 222203 (24hr)	Call sign: 3ESV4 IMO: 9601522 MMSI: 246609000
Vos Sweet 	Offshore Supply Ship – Boulder Clearance	Bob Kingdom bobk@hughes-subsea.com +44(0) 7956 222203 (24hr)	Call sign: PCPE IMO: 9601522 MMSI: 246609000
8.5 Inter-Array Cable Pre-Lay Trenching Works			
Artimus 	Crew Transfer / Survey Vessel	Vessel Master Artimus@cwind.global +44 (0) 7930676570	Call sign: 2IUG3 IMO: NA MMSI: 235112846
Living Stone	Cable Lay Vessel – Inter-Array Cable Pre-Trenching	Vessel Captain Captain.Livingstone@deme-group.com 0049 4215172191983	Call sign: PBXN IMO: 9776925 MMSI: 244010952

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
Libertas 	Survey & Crew Transfer Vessel	Vessel Master libertas@braveheartmarine.com 0031 650626941 (24 hour)	Call sign: PCVF IMO: NA MMSI: 244663000
8.6 Nearshore Post-Cable Installation Works			
Tempest 	Dive Support Vessel	Contact name: Rob Merrix Email: crctempest@commercialribcharter.co.uk	Call sign: MYUY7 IMO: NA MMSI: 232003835
Celtic Guardian 	Crew Transfer Vessel	Contact name: Vessel Master Iain Hill Email: Iaian.hill@specialisedmarinesupport.com	Call sign: 21ZH5 IMO: NA MMSI: 235114006