

Date of issue:	23/08/2024
Period covered:	21/08/2024 – 04/09/2024
Notice number:	202
Author:	Shini Chandramohan (shini.chandramohan@nngoffshorewind.com)

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. South Offshore Substation Commissioning (Section 3.2)
3. WTG Remedial Works (Section 3.3)
4. Davit Crane Replacement Campaign (Section 3.4)

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.

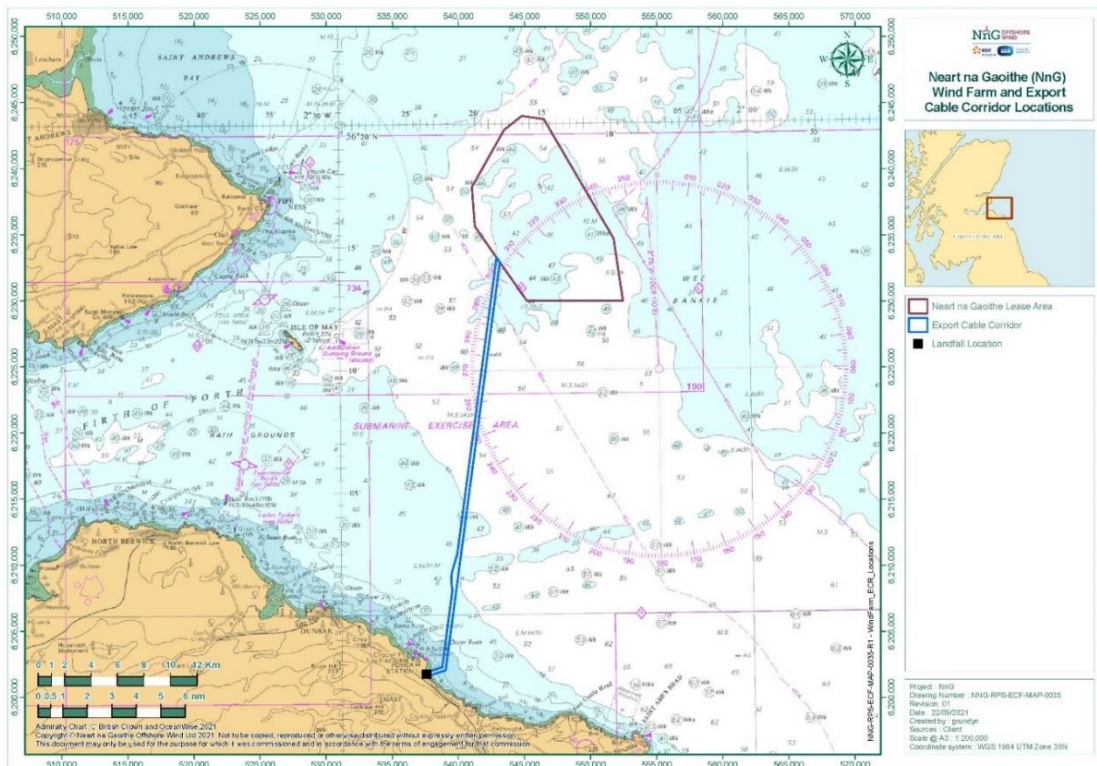


Figure 1 - Wind Farm Area and Export Cable

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

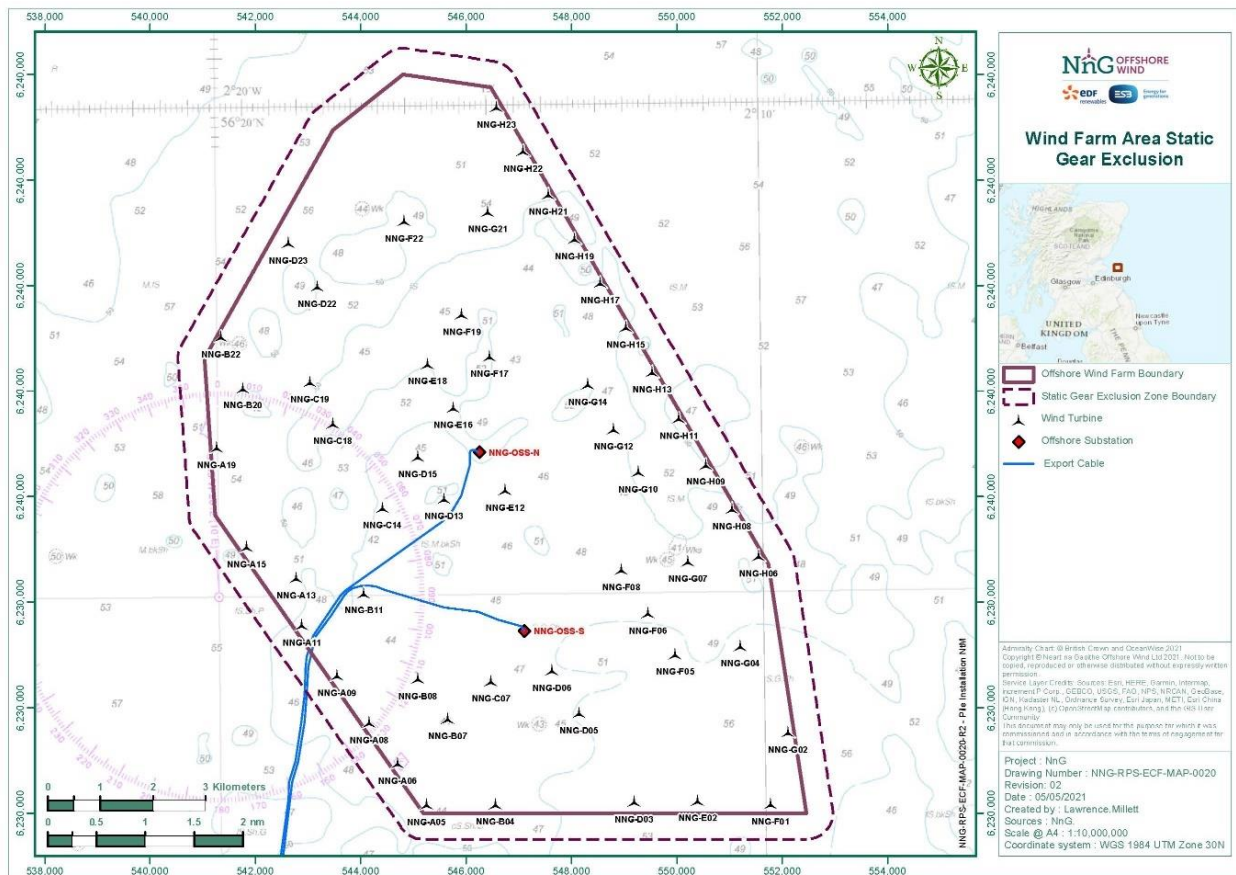


Figure 2 - Wind Farm Area Static Fishing Gear Exclusion

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

2 Completed Operations

2.1 Foundations Installation

Casing and pile installation operations have been successfully completed at the orange shaded locations listed in Table 3. Casing only installation operations have been completed at the grey shaded locations and locations where jacket installation has been completed are shaded green. Locations where turbine installation have been completed are shaded in blue. More information can be found at: <https://nngoffshorewind.info/>.

Table 3 – Centre coordinates of Turbine Locations and Offshore Substation Platforms with completed locations shaded.

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
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

ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)	TURBINE ID	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)
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 Inter- Array Cables Installation & Burial Works

Description (NtM 187 Rev 31.0)		
<p>Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) have completed cable burial activities for the inter-array cables within the Neart na Gaoithe Offshore Wind Farm site. The works commenced on the 8th of January 2024 with the Living Stone vessel. The Living Stone vessel was replaced by the Normand Navigator on the 24th of April and Testing and termination (T&T) of all inter-array cables are currently ongoing. The Normand Navigator vessel left the NnG site on the 24th of May 2024. T&T works will resume on the 10th of June 2024 at the earliest from the <i>MCS Sirocco</i> vessel (call sign: 2FFP4).</p> <p>The <i>HST Millie</i> (call sign: MOAN6) vessel that was acting as crew transfer vessel for the IAC termination and testing works being carried out from the Normand Navigator vessel will return to the WTG commissioning package to support commissioning works on site. The <i>Windcat 37</i> (call sign: 2IDS5) is no longer working on this campaign.</p>		
Vessels	Type / Role	Timescales
MCS Sirocco	Crew Transfer Vessel	Vessel will be supporting the T&T works from the 10 th of June, at the earliest
Area		
Project Location: Wind Farm Area, shown in Table 1 and Figure 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 one guard vessel on site, to cover the Wind Farm Area. There is also currently at least one guard vessel on the Export Cable Corridor until works are complete. 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 4. The guard vessel details are provided in Section 7.1.

Table 4 - Guard Vessel Project Rotation

Guard Vessel	Start Date	End Date	Guard Vessel Area
Seagull	04/08/2024	25/08/2024	Wind Farm Area
Tranquillity	25/08/2024	16/09/2024	Wind Farm Area

3.2 North and South Offshore Substation Commissioning

Description (NtM 177 Rev 22.0)		
<p>Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) that commissioning works of the North and South offshore substation is currently ongoing within the NnG Wind Farm Area. The OSS South transformer installation works will commence on the 22nd of April, at the earliest.</p> <p>Crew Transfer Vessels (CTV); the MCS Sirocco vessel (call sign: 2FFP4) will leave the site on the 7th of June 2024 and be replaced by the Rix Lion (call sign: 2HOH3) from the 8th of June 2024. The Rix Lion will act as CTV for personnel transport to and from the North and South OSS topside.</p> <p>The Forth Engineer (call sign: 2HAL3) and the MCS Kaver will be providing commissioning support for the ongoing work son both OSS South and OSS North until the end of summer 2024.</p> <p>In addition, the project has also onboarded an additional CTV, MCS Boreas (call sign: 2GDR8) to provide general construction support from the 28th of February 2024.</p>		
Vessels	Type / Role	Timescales
MCS Kaver	CTV	OSS commissioning commenced in early June 2022 and will continue throughout 2024.
MCS Boreas	CTV	
Rix Lion	CTV	
Forth Engineer	CTV	
Area		
Project Location: Wind Farm Area, shown in Table 1 and Figure 1		

3.3 WTG Remedial Works

Description (NtM 191 Rev 23.0)

Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) has commenced the installation of offshore wind turbines within the Neart Na Gaoithe (NnG) Wind Farm Area. Offshore Wind Turbine commissioning works commenced in March 2024 and is currently ongoing.

35 wind turbines (+ 3 partially installed turbines) have been installed onto pre-installed jackets in the NnG Wind Farm Area. The turbines were brought to site and installed from the Port of Dundee by the Blue Tern vessel (call sign: 9HA5208) and WTG commissioning was carried out using the HST Swansea call sign (MNGM8) that has been replaced by the HST Millie vessel (call sign: MOAN6) from the 16th September 2023 at the earliest.

The Farra Ciara (call sign: MKPT9) and Farra Emer (call sign: MNDD6) CTVs have left NnG site on the 11th of May 2024. Crew transfer support is provided by the HST Padstow vessel (call sign: MORL8) from the 20th of May 2024.

The Manor Victor CTV (call sign: MLR19) will be supporting the refuelling works for the WTG temporary generators from the 9th November at the earliest. The Windcat 16 (call sign: 2BOO8) has replaced the Windcat 19 (call sign: 2ATD3). The Windcat 16 (call sign: 2BOO8) and Windcat 20 (call sign: 2CQX8) CTVs are assisting with rectification works on the turbine platforms. The Manor Vulcan (call sign: MLRK6) vessel will be replaced by the Manor Venture vessel for additional refuelling support from the 28th of August 2024 to 21st September 2024. The Manor Vulcan vessel will return on the 22nd of September 2024 to replace the Manor Victor vessel.

The NOS Completer (call sign: 2DLB8) has been replaced by the NOS Seeker (call sign: OUWJ2) from the 4th of July 2024. The NOS Seeker has left NnG site on the 9th of July 2024 and will be replaced by the Farra Lark (call sign: MMAC6) on the 20th of July 2024, at the earliest.

The VOS Stone (call sign: PBMW) and Green Storm (call sign: 2EXU3) vessels have left NnG Site.

Vessels	Type / Role	Timescales
Farra Cliona	Refuelling Vessel	WTG commissioning and remedial works are currently ongoing.
Manor Victor	CTV	
Manor Vulcan	CTV	
HST Millie	WTG Commissioning	
Farra Ciara	CTV	
HST Padstow	Additional CTV	
Farra Lark	Commissioning Support vessel	
Windcat 20	CTV	
Windcat 16	CTV	
Manor Venture	CTV	

Area

Description (NtM 191 Rev 23.0)
<p>Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) has commenced the installation of offshore wind turbines within the Neart Na Gaoithe (NnG) Wind Farm Area. Offshore Wind Turbine commissioning works commenced in March 2024 and is currently ongoing.</p> <p>35 wind turbines (+ 3 partially installed turbines) have been installed onto pre-installed jackets in the NnG Wind Farm Area. The turbines were brought to site and installed from the Port of Dundee by the Blue Tern vessel (call sign: 9HA5208) and WTG commissioning was carried out using the HST Swansea call sign (MNGM8) that has been replaced by the HST Millie vessel (call sign: MOAN6) from the 16th September 2023 at the earliest.</p> <p>The Farra Ciara (call sign: MKPT9) and Farra Emer (call sign: MNDD6) CTVs have left NnG site on the 11th of May 2024. Crew transfer support is provided by the HST Padstow vessel (call sign: MORL8) from the 20th of May 2024.</p> <p>The Manor Victor CTV (call sign: MLR19) will be supporting the refuelling works for the WTG temporary generators from the 9th November at the earliest. The Windcat 16 (call sign: 2BOO8) has replaced the Windcat 19 (call sign: 2ATD3). The Windcat 16 (call sign: 2BOO8) and Windcat 20 (call sign: 2CQX8) CTVs are assisting with rectification works on the turbine platforms. The Manor Vulcan (call sign: MLRK6) vessel will be replaced by the Manor Venture vessel for additional refuelling support from the 28th of August 2024 to 21st September 2024. The Manor Vulcan vessel will return on the 22nd of September 2024 to replace the Manor Victor vessel.</p> <p>The NOS Completer (call sign: 2DLB8) has been replaced by the NOS Seeker (call sign: OUWJ2) from the 4th of July 2024. The NOS Seeker has left NnG site on the 9th of July 2024 and will be replaced by the Farra Lark (call sign: MMAC6) on the 20th of July 2024, at the earliest.</p> <p>The VOS Stone (call sign: PBMW) and Green Storm (call sign: 2EXU3) vessels have left NnG Site.</p>
<p>Project Location: Wind Farm Area, shown in Table 1 and Figure 1</p>

3.4 WTG Installation Works – Davit Crane Replacement Campaign

Description (NtM 183 Rev 13.0)		
<p>phase of installation of offshore wind turbine jackets within the Neart Na Gaoithe (NnG) Wind Farm Area. This phase of jacket installation works commenced on the 2nd of October 2023 and were completed on the 16th of October 2023. All 54 jacket substructures have been installed in the NnG Wind Farm.</p> <p>The Davit cranes on all turbine jacket structures are to be replaced. This campaign is due to commence on the 10th of June 2024 at the earliest from the SIEM Barracuda vessel, call sign (5BZQ3). The vessel is expected to leave the site at the end of September 2024 at the earliest.</p> <p>An additional CTV, Bota Wind 1 (call sign: CQ2088), will be supporting the campaign from the 26th of July 2024, at the earliest.</p>		
Vessels	Type / Role	Timescales
SIEM Barracuda	Davit Crane Replacement Vessel	Remedial works are due to commence on the 10 th of June, at the earliest.
Bota Wind 1	CTV	
Area		
Project Location: Wind Farm Area, shown in Table 1 and Figure 1		

4 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.

5 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. The Guard Vessel skipper is currently acting as the OFLO on site and can be contacted on Ch16. For any other general queries please contact info@nngoffshorewind.com.




6 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 5.






Table 5 – 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

7 Vessels Associated with the Activity

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
7.1 Guard Vessels			
Tranquillity S 	Guard Vessel	Contact Name: David Spouse Email: spousefishing@gmail.com Phone: 01890 530168	Call sign: MJUH9 IMO: N/A MMSI: 235053837
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
7.2 North and South Offshore Substation Commissioning			
Rix Lion 	CTV	Contact name: Ships Master (Will be rotated with shifts) Email: rix.lion@rix.co.uk Phone: +447702 975599	Call sign: 2HOH3 IMO: 9745706 MMSI: 235105282
MCS Boreas	CTV	TBC	Call sign: 2GDR8 MMSI: 235096501

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			IMO: 9679098
<p>MCS Kaver</p> 	CTV	Email: mcskaver@maritimecraft.co.uk	Call sign: 2GMB8 MMSI: 235098572 IMO: 9694165
7.3 Cable Installation for August IAC Campaign (Testing & Termination Works)			
<p>MCS Sirocco</p> 	CTV	Satcom: 0044 (0)1475 830 732 Mobile: 0044 (0)7920 569 689 Email: mcssirocco@maritimecraft.co.uk	Call sign: 2FFP4 IMO: 9643764 MMSI: 235090843
7.4 Davit Crane Replacement Campaign			
<p>SIEM Barracuda</p> 	Davit Crane Replacement Vessel	Contact name: Vessel Master Phone: +4798906307 Bridge-VSAT: +47233	Call sign: 5BZQ3 IMO: 9660114 MMSI: 212253000
<p>Bota Wind 1</p> 	CTV	TBC	Call sign: CQ2088 MMSI: 255915630
7.5 Commencement of Wind Turbine Installation			
<p>HST Millie</p>	Commissioning vessel	Tel: +44 7715 637335 Email: HSTMillie@Puruuswind.com	Call sign: MOAN6 MMSI: 232048990

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
			
<p>HST Padstow</p> 	CTV	<p>Onshore: DPA : Neville Metcalf Contact details: +44 7939 930258 Email address: nmetcalf@purus.com</p>	<p>Call sign: MORL8</p> <p>MMSI: 232052713 IMO: 9947184</p>
<p>Manor Victor</p> 	CTV	TBC	<p>Call sign: MLR19</p> <p>MMSI: 232042483</p> <p>IMO: 9958937</p>
<p>Manor Vulcan</p> 	CTV	<p>Contact name: TBC Email: TBC Phone : TBC</p>	<p>Call sign: MLRK6</p> <p>MMSI: 232042488</p> <p>IMO: 9958925</p>
<p>Farra Lark</p> 	Commissioning Support Vessel	TBC	<p>Call sign: MMAC6</p> <p>MMSI: 232043235</p>

Vessel	Vessel Function	Vessel Contact Details	Vessel Information
<p>Windcat 16</p> 	CTV	TBC	<p>Call sign: 2B008</p> <p>MMSI: 235067955</p> <p>IMO: NA</p>
<p>Windcat 20</p> 	CTV	TBC	<p>Call sign: 2CQX8</p> <p>MMSI: 235075026</p>
<p>Manor Venture</p> 	CTV	TBC	<p>Call sign: MAWI6</p> <p>MMSI: 232007444</p>