

DOCUMENT REF : NNG-NNG-ECF-NOT-0413



Date of issue:	24/08/2023
Period covered:	16/08/2023 - 30/08/2023
Notice number:	159
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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;

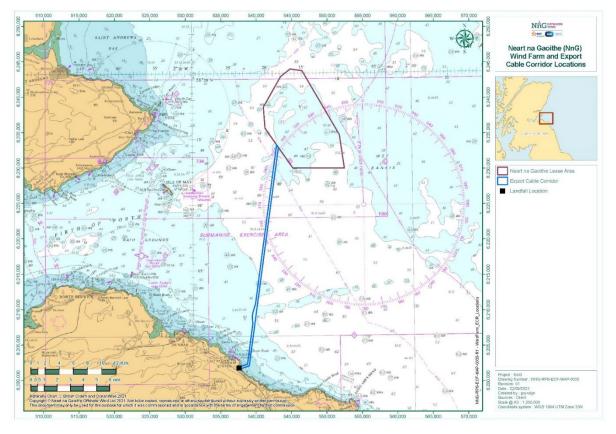
- 1. Guard vessel duties (Section 3.1)
- 2. Pile Installation (Section 3.2)
- 3. South Offshore Substation Commissioning (Section 3.3)

Neart na Gaoithe

- 4. Foundation Drilling and Casing Installation (Section 3.4)
- 5. North Offshore Substation Commissioning (Section 3.5)
- 6. Inter Array Cables Installation Works (Section 3.6)
- 7. Turbine Installation (Section 3.7)
- 8. Inter Array Cable Installation (Pre Lay Grapnel Run Activities) (Section 3.8)

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.





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Figure 1 - Wind Farm Area and Export Cable

Table 1 - Wind Farm Area and Export Cable Coordinates

Neart na Gaoithe

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		

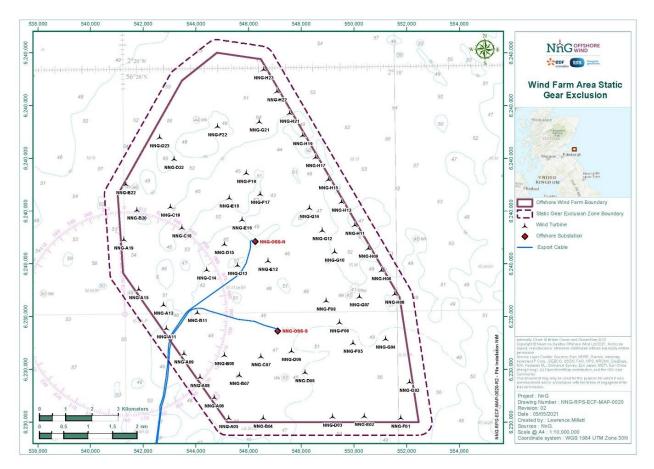


Figure 2 - Wind Farm Area Static Fishing Gear Exclusion

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edf

E53

Energy for generations

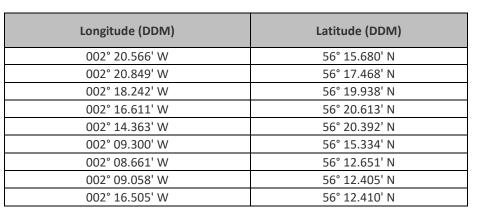


Table 2 - Wind Farm Area Static Fishing Gear Exclusion Coordinates

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: <u>https://nngoffshorewind.info/.</u>

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

NnG %	Veekly Notice of Operations Neart na Gaoithe DOCUMENT REF : NNG-NNG-ECF-NOT-0413				
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

56° 16.446' N

3 Ongoing Operations

002° 15.193' W

NNG-OSS-N

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 <u>https://nngoffshorewind.com/resources/</u>.

NNG-OSS-S

002° 14.395' W

56° 14.615' N

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	24/07/2023	14/08/2023	Wind Farm Area
Tranquillity	14/08/2023	04/09/2023	Wind Farm Area

3.2 Pile Installation

Description (NtM 148 Rev 4.0)

In preparation for jacket substructure installation, three piles at each wind turbine location and offshore substation platform will be installed. The Saipem *(S3000)* (call sign: C6SW6) is installing piles into pre-drilled sockets. The *Normand Navigator* (call sign: LASG7) will transfer supporting materials and installation equipment between positions on the seabed adjacent to each foundation location. On arrival at each location, the S3000 will collect and



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Description (NtM 148 Rev 4.0)

utilise this wet-stored equipment during pile installation. Once the three piles have been positioned within the predrilled sockets, grout will be inserted to secure them in place.

The supply vessel *Rem Supporter* (call sign: 5BCN3), will be utilised to transport piles to NnG wind farm, as required. 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 7.2.

Vessels	Type / Role	Timescales
\$3000	Installation Vessel	The pile installation work is anticipated to be completed in 2023.
Normand Navigator	Offshore Construction Vessel	111 2023.
Rem Supporter	Offshore Supply Vessel	
Area		

Project Location: Wind Farm Area, shown in Table 1 and Figure 1

Operational Port: Blyth. On occasion the *S3000* will transit to a location near to the Isle of May to complete pile transfers from the Rem Supporter.

3.3 South Offshore Substation Commissioning

Description (NtM 177 Rev 9.0)

Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) that commissioning works of the South offshore substation is currently ongoing within the NnG Wind Farm Area.

Personnel are being transported to and from the South OSS topside by Crew Transfer Vessel (CTV) the *Rix Lion* (call sign: 2HOH3).

The *MMS Supreme* (call sign: 2HGZ5) vessel will be replacing the *MCS Kaver* vessel (call sign: 2GMB8) as additional crew transfer vessel, if required commencing 26th March 2023. Further details of the vessels involved in the works is provided in Section 8.3.

Vessels	Type / Role	Timescales
Rix Lion	СТV	OSS commissioning commenced in early June 2022 and will continue throughout 2023.

Area

	LONGITUDE (DD.MM.MMM)	LATITUDE (DD.MM.MMM)
NNG-OSS-S	002° 14.395' W	56° 14.615' N

3.4 Drilling and Casing Installation

Description (NtM 178 Rev 5.0)



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Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) is conducting drilling operations and casing installation within the Neart Na Gaoithe (NnG) Wind Farm Area.

Three sockets will be drilled into the seabed and three steel casings installed at each wind turbine location, to in turn enable pile and jacket installation. Ahead of drilling commencing, the S3000 (call sign: C6SW6) will place a subsea template on the seabed, to guide drilling. Drilling and casing installation will then be undertaken from the S7000 (call sign: C6NO5) which is replacing the Blue Tern (call sign: 9HA5208) from 28th April 2023. Drilling operations and casing installation will be supported from the Normand Navigator (call sign: LASG7). A platform supply vessel Rem Supporter (call sign: 5BCN3), is being utilised to transport equipment and casings during the campaign, as required. Further details of the vessels involved in the works is provided in Section 7.4.

Vessels	Type / Role	Timescales		
S7000	Heavy Lift Vessel	The drilling and casing installation campaign is expected		
S3000	Installation Vessel	to continue through to 2023.		
Normand Navigator	OCV			
Rem Supporter	OSV			
Area				
Project Location: Wind Farm Area, shown in Table 1 and Figure 1				
Operational Port: Blyth.				

3.5 North Offshore (OSS-N) Substation Commissioning Works

Description (NtM 177 Rev 7.0)

Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) commenced commissioning of the North offshore substation topside within the Neart Na Gaoithe (NnG) Wind Farm Area.

Commissioning activities for the North offshore substation commenced on the 15th of February 2023. The *VOS Stone* (call sign: PBMW) walk to work vessel is supporting the commissioning works. The contact details for the *VOS Stone* vessel have been updated.

The CTV Rix Lion (call sign: 2HOH3) will continue to support the South offshore substation commissioning activities and will also support the North offshore substation commissioning activities as required.

Further details of the vessels involved in the works is provided in Section 8.3.

Vessels	Type / Role	Timescales
Rix Lion	Crew Transfer Vessel	
Area		

Project Location: Wind Farm Area, shown in Table 1 and Figure 1

Operational Port: Blyth. Upon adverse weather conditions, vessels will seek shelter either around Isle of May or within the Firth of Forth.





3.6 Inter Array Cables Installation Works

Neart na Gaoithe

Description (NtM 187 Rev 16.0)

Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) have completed the pre-lay grapnel run (PLGR) for inter-array cables within the Neart na Gaoithe Offshore Wind Farm site. The PLGR activities began on the 10th of August and were completed on the 14th of August. Cable lay is expected to commence on the 25th of August at the earliest.

The PLGR was completed by the vessel *Pacific Dispatch* (call sign: 9VFW6) using a grapnel towed from the vessel. The grapnel was deployed to detect and remove surface debris located on the inter-array cable routes, and at the wind turbine locations. The *Pacific Dispatch* has left the NnG site.

A Cable Lay Vessel, the *Viking Neptun* (call sign: LAYH7), will lay the inter-array cable onto the seabed for this second IAC campaign. Cable lay works are expected to commence on the 25th August at the earliest and take around 4 weeks to complete. The laid cables will be left unburied and unprotected on the seabed until October 2023.

Cable pull-in and termination and testing works will take place from the *CF Explorer*, call sign (5BKK5), from the 27th August at the earliest and last around 7 days.

Cable burial works are due to take place from the 1st October, from the vessel *Living Stone*, call sign (PBXN) and last around 6 weeks.

The crew transfer vessels; *MCS Boreas* (call sign: 2GDR8) and the *Seazip 9* (call sign: PGYL) will be supporting this campaign from the 28th of August, at the earliest.

Vessels	Type / Role	Timescales	
MCS Boreas	Crew Transfer vessel	CTV to support cable installation and will be in field from the 28 th August, at the earliest.	
Seazip 9	Crew Transfer Vessel		
Viking Neptun	Cable lay vessel	Cable lay for the August campaign is expected to commence on the 14 th August and last around 4 weeks.	
CF Explorer	Cable pull-in, termination and testing vessel	Cable pull-in and termination and testing activites are due to recommence on the 20 th August and continue throughout 2023.	
Living Stone	Cable burial vessel	Cable burial is expected to commence on the 1 st October and last around 6 weeks.	
Area			
Project Location: Wind Farm Area, shown in Table 1 and Figure 1			

3.7 Wind Turbine Jacket Installation

Description (NtM 183 Rev 9.0)



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Description (NtM 183 Rev 9.0)

Mariners are advised that Neart na Gaoithe Offshore Wind Farm Limited (NnGOWL) commenced the third phase of installation of offshore wind turbine jackets within the Neart Na Gaoithe (NnG) Wind Farm Area on the 11th of August 2023. This phase of jacket installation works was completed on the 21st of August 2023.

11 three- legged jacket substructures were installed onto pre-installed piles by the *Thialf* vessel (call sign: 3EAA4)in the NnG Wind Farm Area. The jackets were brought directly to site from the location of fabrication by barges; *AMT Crusader, AMT Challenger, AMT CD-1, Ranbarge 1*, and the tug vessels *Atlantic Merlin* (call sign: XJBN), *Manta* (call sign: ORKJ), *Pacific Discovery* (call sign: 9VFL8) and *Maersk Handler* (call sign: OYAX2) were used to support the position of the HTVs during the lifting activities. Prior to jacket installation, the offshore support vessel the *Normand Sentinel* (call sign: LASC7) undertook pile cleaning and pre-jacket installation visual survey via a Remotely Operated Vehicle. All vessels listed here have now departed the NnG site.

The Normand Navigator vessel (call sign: LASG7) remains on site to grout the pile-jacket connections.

Vessels	Type / Role	Timescales		
Normand Navigator	Offshore supply vessel	Normand Navigator remains on site to grout pile- jacket connections.		
Area				
Project Location: Wind Farm Area, shown in Table 1 and Figure 1 Operational Port: TBC				

3.8 Wind Turbine Installation

Description (NtM 191 Rev 6.0)

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. The work began on the 15th of July 2023 and is presently ongoing.

Wind turbines will be installed onto pre-installed jackets in the NnG Wind Farm Area. The turbines will be brought to site and installed from the Port of Dundee by the *Blue Tern* vessel (call sign 9HA5208) and WTG commissioning will be carried out using the *HST Swansea* call sign (MNGM8). The *Farra Ciara* call sign (MKPT9) crew transfer vessel (CTV) will be supporting the turbine installation campaigns. The *Channel Chieftain VI* CTV (call sign 9HB8741) will be replaced by the *Green Storm* (call sign: 2EXU3) from the 28th of August 2023, at the earliest. The *Green Storm* will be carrying out refuelling works for the WTG temporary generators.



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Description (NtM 191 Rev 6.0)				
Vessels	Type / Role	Timescales		
Blue Tern	Installation vessel	Turbine Installation works will be carried out from the 7 th		
HST Swansea	Commissioning vessel	of July at the earliest.		
Farra Ciara	СТV			
Green Storm	СТV			
Area				
Project Location: Wind Farm Area, shown in Table 1 and Figure 1				
Operational Port: Dundee				

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 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.

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: <u>Nng.FLO@naturalpower.com</u>. An Offshore Fisheries Liaison Officer is present on the *Saipem 3000* and can be contacted on Ch16. For any other general queries please contact <u>info@nngoffshorewind.com</u>.



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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

7.1 Guard Vessels Tranquillity S Guard Vessel Contact Name: David Spouse Call sign: MJUH9 Email: spousefishing@gmail.com IMO: N/A Phone: 01890 530168 MMSI: 23505383 Seagull Guard Vessel Contact name: Vessel Master Call sign: MVBO2 Email: seagullbf74@gmail.com IMO: 9112 Phone: +44 (0) 1261 878040 / +44 (0) 7895 MMSI: 233714000	7
Seagull Guard Vessel Contact name: Vessel Master Call sign: MVBO2 Email: seagullbf74@gmail.com IMO: 9112 Phone: +44 (0) 1261 878040 / +44 (0) 7895 IMO: 9112 MMUH9 IMO: N/A MJUH9 IMO: N/A MMUH9 IMO: N/A MMUH9 IMO: N/A Phone: 01890 530168 MMSI: MMUH9 IMO: 9112 MMSI: MMSI:	7
Seagull Guard Vessel Contact name: Vessel Master Call sign: MVBO2 Email: seagullbf74@gmail.com IMO: 9112 Phone: +44 (0) 1261 878040 / +44 (0) 7895 IMO: 9112 MMSI: MMSI:	7
Seagull Guard Vessel Contact name: Vessel Master Call sign: MVBO2 Email: seagullbf74@gmail.com IMO: 9112 Phone: +44 (0) 1261 878040 / +44 (0) 7895 MMSI:	
Email: seagullbf74@gmail.com MVBO2 Phone: +44 (0) 1261 878040 / +44 (0) 7895 1MO: 9112 919100 MMSI:	545
Phone: +44 (0) 1261 878040 / +44 (0) 7895 IMO: 9112 919100 MMSI:	545
Phone: +44 (0) 1261 878040 / +44 (0) 7895 919100 MMSI:	545
919100 MMSI:	
)
7.2 Pile Installation	
Saipem 3000 (S3000)PileContact name: Vessel MasterCall sign:	
Installation C65W6	
Email: <u>captain.s3000@saipem.com</u> IMO: 8309	165
	102
Phone: +39 02 010 24650 MMSI:	
31151600)
Rem SupporterType:Contact name: Master of Rem SupporterCall sign:	
Platform Email: captain@supporter.remoffshore.no 5BCN3	
Supply Vessel Phone (FBB) : +870773946639 IMO:	
(PSV) 9482330	



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Vessel	Vessel	Vessel Contact Details	Vessel
	Function		Information
	Function:		MMSI:
	Transport		209051000
	supplies to		
	NnG offshore		
1	wind farm.		
0 Jan Sectre MarineTreffic.com			
7.3 Offshore Substation Commis	-	Γ	
Rix Lion	CTV	Contact name: Ships Master (Will be rotated	Call sign:
		with shifts)	2HOH3
*			IMO: 9745706
The second s		Empile rivelion Orive on the	1010. 3743700
Charles I		Email: <u>rix.lion@rix.co.uk</u>	MMSI:
			235105282
		Phone: +447702 975599	
7.4 Commencement of Drilling a	nd Casing Install	ation	
Saipem 7000 (S7000)	Heavy Lift	Contact name: NnG Client Representative	Call sign:
	Vessel	Email: S7000-Rep@nngoffshorewind.com	C6NO5
The second se			IMO: 8501567
			NANACI
			MMSI: 309461000
			309401000
NanineTraffic.com			
7.5 Cable Installation for August IAC Can			•
MCS Boreas	Crew Transfer		Call sign:
	Vessel		2GDR8
Annual Contraction of		Captain Phone: +44 7876 861 748	
A.C.		VSAT Phone: +44 1475 830 689	MMSI:
Contraction of the Contraction o		Email: mcsboreas@maritimecraft.co.uk	235096501
MCC BORRAN			
© Eddy Daconte			
MarineTraffic.com			
Seazip 9			
JCuzip J	Crew Transfer	Captain Phone: +31 6 22 00 96 26	Call sign: PGYL
Sculp 5	Crew Transfer Vessel		_
L		VSAT Phone: +31 70 2170110	MMSI:
			_
		VSAT Phone: +31 70 2170110	MMSI:
		VSAT Phone: +31 70 2170110	MMSI:
		VSAT Phone: +31 70 2170110	MMSI:
		VSAT Phone: +31 70 2170110	MMSI:
Byricolas GUERNI MarineTraffic.com		VSAT Phone: +31 70 2170110	MMSI:
evicolas GUERIN NarineTraffic.com		VSAT Phone: +31 70 2170110 Email: PGYL@SeaZip.com	MMSI:
Bylicolas GUERIN	Vessel	VSAT Phone: +31 70 2170110 Email: PGYL@SeaZip.com Contact name: Mobile Captain	MMSI: 245662000
e viicolas GUERIN Marine Traitic, com	Vessel Cable lay	VSAT Phone: +31 70 2170110 Email: PGYL@SeaZip.com Contact name: Mobile Captain Email: <u>Captain.VikingNeptun@deme-</u>	MMSI: 245662000 Call sign: LAYH7
e viicolas GUERIN Marine Traitic, com	Vessel Cable lay	VSAT Phone: +31 70 2170110 Email: PGYL@SeaZip.com Contact name: Mobile Captain	MMSI: 245662000 Call sign:



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Vessel	Vessel	Vessel Contact Details	Vessel
	Function		Information
Permard Demons		Phone: +4797469156	
CF Explorer	Cable pull-in, termination and testing vessel	TBC	Call sign: 5BKK5 MMSI: 209816000
Living Stone	Cable burial vessel	TBC	Call sign: PBXN MMSI: 244010952
7.6 Commencement of Wind Turbine	Installation		
Blue Tern	Installation vessel	Contact name: Blue Tern Master Email: <u>master.blt@fredolsen.com</u> Phone: +47 5100 5334 or +47 5120 6200	Call sign: 9HA5208 MSSI: 215644000
HST Swansea	Commissioning vessel	Contact details tbc	Call sign: MNGM8 MMSI: 232046426
Farra Ciara	СТV	Contact name: Vessel master Email: <u>ciara@farramarine.com</u> Phone : +44 (0) 7742 554 947	Call sign:VRUG4 MMSI: 232039877



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Vessel	Vessel Function	Vessel Contact Details	Vessel Information
		Contact name: TBC Email: <u>TBC</u> Phone : TBC	2EXU3 MMSI: 235089035
7.7 Wind Turbine Jacket Installation Ca			
Normand Navigator	Piling Grouting Vessel	Contact name: Master of Normand Navigator Email: master@navigator.solstad.com Phone (Iridium) : +881677102711	Call sign: LASG7 IMO: 9687356 MMSI: 257794000