



MORAY WEST WEEKLY NOTICE OF OPERATIONS	Issue Date	12/08/2024
	Ref: WNoO 0080	Rev: 00

Work Planned for the Period 12th August to 18th August 2024

Construction work for Moray West Offshore Wind Farm commenced on the 6th February 2023.

The key aim of the Weekly Notice of Operations is to give a global view of activities and vessels involved. Questions regarding the operations will be welcome preferably well in advance of each construction activity.

Moray West is developing the Moray West Offshore Wind Farm in the Moray Firth. The Moray West Site covers an area of approximately 225 km² on the Smith Bank in the Outer Moray Firth approximately 22 km from the Caithness coastline. The development will consist of 60 offshore wind turbines (WTGs) (with a total capacity of approximately 882 MW) and two Offshore Substation Platforms (OSPs) with associated subsea WTG inter-array cables and an OSP interconnector cable. The generated power will be transmitted to the grid via two subsea export cable circuits that will come ashore at Sandend Bay, which is located on the Aberdeenshire coast at Broad Craig near Sandend Bay, approximately 65 km south of the Moray West Site. There are two underground cable circuits currently under construction from the landfall at Broad Craig to Whitehillock near Keith in Moray where the Moray West onshore substation is under construction. There are also further underground cables being installed between Whitehillock substation and the existing Scottish Hydro Electric Transmission Blackhillock substation. The Moray West offshore development boundary is shown in black on Figure 1 below. Details of location of work activities within this area will be provided as work progresses.

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Figure 1 - Moray West Offshore Development Boundary

It is currently anticipated that weather permitting offshore construction works will be carried out year-round and on a continuous basis (i.e., 24 hours working, seven days a week) unless notified otherwise.

Moray West Marine Coordination Centre in Fraserburgh is manned 24 hours, 7 days per week.



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1. Contact Details for Marine Coordination

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.

Duty MC (24/7)	+44 (0) 7774663504
Emergency Contact (24/7)	+44 (0) 8001488832
Marine Coordinator Email	MCC@moraywest.com
Address	Shore Street, Fraserburgh, AB43 9BR

Table 1: Contact details Marine Coordination

2. Ongoing Works

2.1 Wind Turbine Generator (WTG) Installation Works – Wind Orca

The 'Wind Orca' vessel arrived on site 18th April 2024 to complete offshore Wind Turbine Generator (WTG) installation onto the pre-installed monopile and transition pieces on site. The overall duration is expected to be approximately 6-9 months. The Wind Orca is supported by the SOV (Service Offshore Vessel) 'Norwind Breeze' and two CTV's (Crew Transfer Vessels) Fob Swath 3 & Fob Swath 5.

The above durations include weather contingency; however, the operations may be subject to further extension.

Figure below shows the wind turbine locations where these works will take place:

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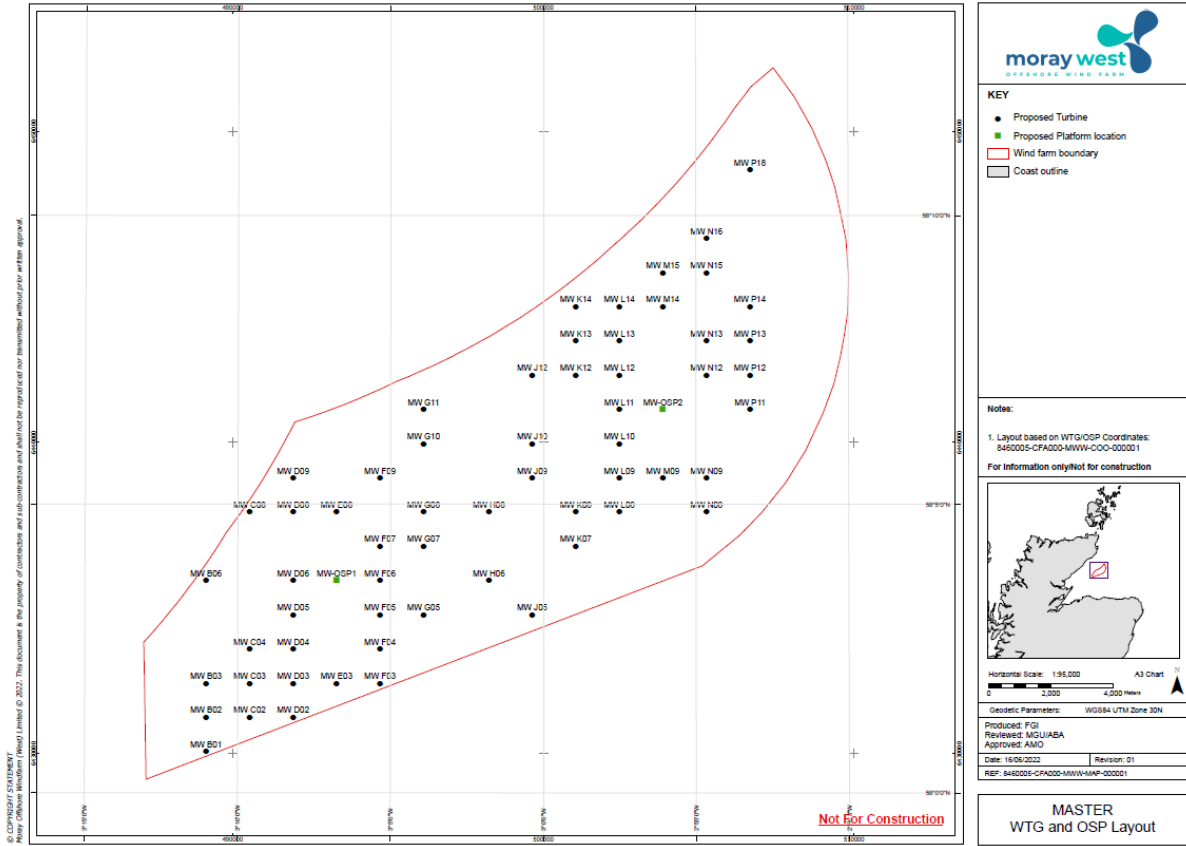


Figure 2 - Moray West wind farm site – Location of the works

The coordinates of the locations presented above are in the below Table.

Wind Turbine Generator Installation – Co-ordinates				
Location ID	UTM30N Easting (m)	UTM30N Northing (m)	WGS84 Latitude	WGS84 Longitude
MW B01	489142.70	6430070.97	58° 0.725' N	3° 11.025' W
MW B02	489142.70	6431170.97	58° 1.318' N	3° 11.028' W
MW B03	489142.70	6432270.97	58° 1.911' N	3° 11.031' W
MW B06	489142.70	6435570.97	58° 3.689' N	3° 11.040' W
MW C02	490542.70	6431170.97	58° 1.320' N	3° 9.606' W
MW C03	490542.70	6432270.97	58° 1.913' N	3° 9.608' W
MW C04	490542.70	6433370.97	58° 2.506' N	3° 9.611' W



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MW C08	490542.70	6437770.97	58° 4.877' N	3° 9.622' W
MW D02	491942.70	6431170.97	58° 1.322' N	3° 8.184' W
MW D03	491942.70	6432270.97	58° 1.915' N	3° 8.186' W
MW D04	491942.70	6433370.97	58° 2.507' N	3° 8.188' W
MW D05	491942.70	6434470.97	58° 3.100' N	3° 8.191' W
MW D06	491942.70	6435570.97	58° 3.693' N	3° 8.193' W
MW D08	491942.70	6437770.97	58° 4.879' N	3° 8.197' W
MW D09	491942.70	6438870.97	58° 5.471' N	3° 8.200' W
MW E03	493342.70	6432270.97	58° 1.916' N	3° 6.764' W
MW E08	493342.70	6437770.97	58° 4.880' N	3° 6.773' W
MW F03	494742.70	6432270.97	58° 1.917' N	3° 5.341' W
MW F04	494742.70	6433370.97	58° 2.510' N	3° 5.343' W
MW F05	494742.70	6434470.97	58° 3.103' N	3° 5.344' W
MW F06	494742.70	6435570.97	58° 3.696' N	3° 5.346' W
MW F07	494742.70	6436670.97	58° 4.288' N	3° 5.347' W
MW F09	494742.70	6438870.97	58° 5.474' N	3° 5.350' W
MW G05	496142.70	6434470.97	58° 3.104' N	3° 3.921' W
MW G07	496142.70	6436670.97	58° 4.289' N	3° 3.923' W
MW G08	496142.70	6437770.97	58° 4.882' N	3° 3.924' W
MW G10	496142.70	6439970.97	58° 6.068' N	3° 3.927' W
MW G11	496142.70	6441070.97	58° 6.660' N	3° 3.928' W
MW H06	498242.70	6435570.97	58° 3.697' N	3° 1.787' W
MW H08	498242.70	6437770.97	58° 4.883' N	3° 1.788' W
MW J05	499642.70	6434470.97	58° 3.105' N	3° 0.363' W
MW J09	499642.70	6438870.97	58° 5.476' N	3° 0.364' W
MW J10	499642.70	6439970.97	58° 6.069' N	3° 0.364' W
MW J12	499642.70	6442170.97	58° 7.254' N	3° 0.364' W
MW K07	501042.70	6436670.97	58° 4.290' N	2° 58.939' W
MW K08	501042.70	6437770.97	58° 4.883' N	2° 58.939' W
MW K12	501042.70	6442170.97	58° 7.254' N	2° 58.938' W
MW K13	501042.70	6443270.97	58° 7.847' N	2° 58.938' W
MW K14	501042.70	6444370.97	58° 8.440' N	2° 58.937' W
MW L08	502442.70	6437770.97	58° 4.883' N	2° 57.515' W
MW L09	502442.70	6438870.97	58° 5.475' N	2° 57.514' W
MW L10	502442.70	6439970.97	58° 6.068' N	2° 57.513' W
MW L11	502442.70	6441070.97	58° 6.661' N	2° 57.513' W

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MW L12	502442.70	6442170.97	58° 7.254' N	2° 57.512' W
MW L13	502442.70	6443270.97	58° 7.847' N	2° 57.511' W
MW L14	502442.70	6444370.97	58° 8.439' N	2° 57.511' W
MW M09	503842.70	6438870.97	58° 5.475' N	2° 56.089' W
MW M14	503842.70	6444370.97	58° 8.439' N	2° 56.084' W
MW M15	503842.70	6445470.97	58° 9.032' N	2° 56.083' W
MW N08	505242.70	6437770.97	58° 4.881' N	2° 54.666' W
MW N09	505242.70	6438870.97	58° 5.474' N	2° 54.665' W
MW N12	505242.70	6442170.97	58° 7.252' N	2° 54.660' W
MW N13	505242.70	6443270.97	58° 7.845' N	2° 54.659' W
MW N15	505242.70	6445470.97	58° 9.031' N	2° 54.656' W
MW N16	505242.70	6446570.97	58° 9.624' N	2° 54.654' W
MW P11	506642.70	6441070.97	58° 6.658' N	2° 53.236' W
MW P12	506642.70	6442170.97	58° 7.251' N	2° 53.234' W
MW P13	506642.70	6443270.97	58° 7.844' N	2° 53.233' W
MW P14	506642.70	6444370.97	58° 8.437' N	2° 53.231' W
MW P18	506642.70	6448770.97	58° 10.808' N	2° 53.223' W

Table 2 – Coordinates of proposed works

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Vessel Name	Wind Orca	Norwind Breeze
IMO/MMSI Number	9601326 / 219029786	9745079/ 257981000
Operating Company	Cadeler	Norwind Offshore
Vessel Call Sign	OZSB2	LAQJ8
Vessel Phone Number and email	<p>Bridge phone number: +45 5167 1381</p> <p>Vessel Manager phone number: Manager: (+45) 2446 0923, Niels R. Nielsen Niels.Nielsen@cadeler.com</p> <p>Assistant: (+45) 2875 8681 Jakob Pedersen jakob.pedersen@cadeler.com</p> <p>Email (for vessel and captain): Master: master.orca@cadeler.com</p> <p>Vessel: wind.orca@cadeler.com</p>	<p>V/Sat +47 239 61183 GSM +47 907 49609</p> <p>Email bridge.breeze@norwindoffshore.com</p>

Table 3 – Vessels Wind Orca & Norwind Breeze

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Figure 3 – Wind Orca

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Figure 4 – Norwind Breeze

Vessel Name	Fob Swath 3	Fob Swath 5
IMO/MMSI Number	9672935/21946000	0672959/ 219464000
Operating Company	Offshore Windservice A/S	Offshore Windservice A/S
Vessel Call Sign	OJWY2	OJXA2
Vessel Phone Number and email	Mobile: + 45 21704429 Sat: + 45 82132239 Email: Fob3@odfjellwind.com	Mobile: +45 30326614 Sat: +45 82133452 Email: fob5@odfjellwind.com

Table 4 – Vessels Fob Swath 3 & Fob Swath 5

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Figure 5 – Fob Swath 3



Figure 6 – Fob Swath 5

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Table 5: Installation Status of Monopiles, TP's & WTG's

Installation Status: Green – Complete Light Blue – Ongoing Red – Not Installed			
Asset ID	Monopile Installed	TP Installed	WTG/Topside Installed
MW-B01	10/04/2024	02/05/2024	25/07/2024
MW-B02	01/04/2024	30/04/2024	22/07/2024
MW-B03	21/03/2024	01/05/2024	21/07/2024
MW-B06	18/02/2024	11/04/2024	01/06/2024
MW-C02	06/04/2024	27/04/2024	16/07/2024
MW-C03	20/03/2024	25/04/2024	17/06/2024
MW-C04	04/03/2024	26/04/2024	
MW-C08	18/02/2024	10/04/2024	02/06/2024
MW-D02	07/04/2024	28/04/2024	13/07/2024
MW-D03	30/03/2024	15/03/2024	05/07/2024
MW-D04	20/02/2024	14/04/2024	02/07/2024
MW-D05	12/01/2024	09/04/2024	
MW-D06	20/02/2024	18/03/2024	28/05/2024
MW-D08	19/02/2024	07/04/2024	27/05/2024
MW-D09	24/02/2024	26/03/2024	12/06/2024
MW-E03	08/03/2024	22/04/2024	08/07/2024
MW-E06 (OSP1)	17/11/2023	15/12/2023	18/12/2023
MW-E08	16/02/2024	29/03/2024	20/05/2024
MW-F03	26/02/2024	06/05/2024	31/07/2024
MW-F04	14/03/2024	02/05/2024	26/07/2024
MW-F05	09/03/2024	23/04/2024	18/06/2024
MW-F06	02/03/2024	31/03/2024	12/05/2024
MW-F07	14/02/2024	20/03/2024	
MW-F09	07/03/2024	28/03/2024	19/05/2024
MW-G05	13/03/2024	11/05/2024	01/08/2024
MW-G07	02/12/2023	20/04/2024	21/06/2024
MW-G08	17/03/2024	16/04/2024	22/06/2024
MW-G10	07/03/2024	17/04/2024	26/06/2024
MW-G11	23/02/2024	21/04/2024	27/06/2024
MW-H06	29/03/2024	05/05/2024	04/08/2024
MW-H08	28/03/2024	23/05/2024	
MW-J05	07/03/2024	05/05/2024	05/08/2024
MW-J09	08/04/2024	22/05/2024	
MW-J10	26/03/2024	22/05/2024	

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Installation Status: Green – Complete Light Blue – Ongoing Red – Not Installed			
Asset ID	Monopile Installed	TP Installed	WTG/Topside Installed
MW-J12	09/04/2024	27/05/2024	
MW-K07	11/04/2024	19/05/2024	
MW-K08	26/03/2024	18/05/2024	
MW-K12	15/03/2024	26/05/2024	
MW-K13	13/04/2024	25/05/2024	
MW-K14	18/11/2023	13/05/2024	
MW-L08	16/11/2023	15/05/2024	
MW-L09	12/04/2024	17/05/2024	
MW-L10	07/03/2024	17/05/2024	
MW-L11	09/11/2023	04/05/2024	
MW-L12	10/11/2023	21/05/2024	
MW-L13	17/10/2023	25/05/2024	
MW-L14	01/12/2023	14/05/2024	
MW-M09	14/03/2024	14/05/2024	
MW-M11 (OSP2)	01/11/2023	07/01/2024	10/01/2024
MW-M14	24/02/2024	09/05/2024	
MW-M15	16/10/2023	08/05/2024	
MW-N08	19/12/2023	15/03/2024	
MW-N09	09/11/2023	16/03/2024	
MW-N12	30/11/2023	20/02/2024	11/08/2024
MW-N13	14/10/2023	13/05/2024	
MW-N15	15/02/2024	02/03/2024	30/04/2024
MW-N16	23/10/2023	25/02/2024	23/04/2024
MW-P11	05/12/2023	08/03/2024	
MW-P12	08/02/2024	05/03/2024	
MW-P13	26/11/2023	22/02/2024	02/05/2024
MW-P14	06/12/2023	24/02/2024	10/05/2024
MW-P18	07/02/2024	01/03/2024	21/04/2024

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2.2 Array Cable Installation Works – Vessels Olympic Orion & MMS Crusader

Olympic Orion supported by the MMS Crusader will undertake a scope of works including termination and testing of subsea power cables into the Wind Turbine Generator foundations and Offshore Substation foundations. The vessel works are to take place within the red boundary shown in the figure below.

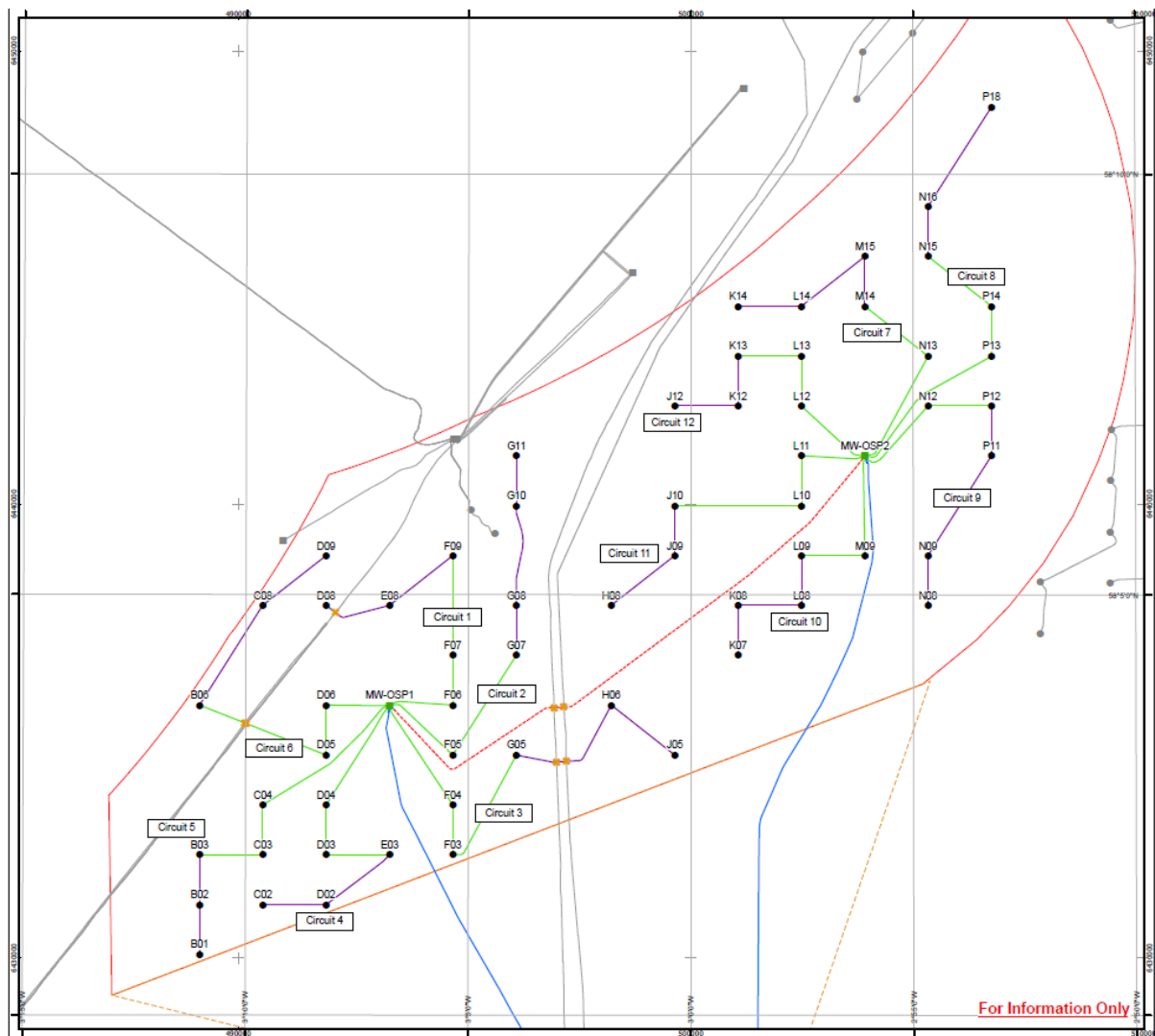


Figure 7 – Moray West Wind Farm site. Location of the cable routes for the works

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The Olympic Orion & MMS Crusader arrived on site 12th March & 4th May 2024 respectively. Work duration is expected to be approximately 5-6 months for these vessels. The coordinates of the work site boundary are presented in the below Table. (these are the same as presented in the figure above):

Table 6 – Work Site Boundary

Windfarm site boundary Coordinates				
Site ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
1	505117	6436040	58° 3.946' N	2° 54.796' W
2	507845	6438790	58° 5.426' N	2° 52.017' W
3	509247	6441560	58° 6.918' N	2° 50.583' W
4	509828	6445010	58° 8.780' N	2° 49.983' W
5	509362	6448300	58° 10.551' N	2° 50.450' W
6	508444	6450480	58° 11.729' N	2° 51.382' W
7	507377	6452080	58° 12.588' N	2° 52.468' W
8	506584	6451400	58° 12.223' N	2° 53.279' W
9	504067	6448160	58° 10.482' N	2° 55.851' W
10	500728	6445090	58° 8.825' N	2° 59.258' W
11	496301	6442410	58° 7.380' N	3° 3.768' W
12	491909	6440620	58° 6.413' N	3° 8.237' W
13	489705	6437070	58° 4.496' N	3° 10.472' W
14	487142	6433650	58° 2.650' N	3° 13.068' W
15	487208	6429170	58° 0.237' N	3° 12.986' W

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Table 7 – Vessels Olympic Orion & MMS Crusader

Vessel Name	Olympic Orion	MMS Crusader
MMSI Number	257786000	235111766
Operating Company	Olympic Shipping AS	MMS Offshore Renewables
Vessel Call Sign	LDEA3	2IPS7
Vessel Phone Number	+47 46299398	+447557272550
Vessel Email Address	orion.captain@olympic.no	mmscrusader@mms-offshore.co.uk



Figure 8 – Olympic Orion

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Figure 9 – MMS Crusader

2.3 Array Cable Installation Works – Heimdal R

Heimdal R arrived on site 7th June and will carry out a scope of work including the installation of armour rock onto the array cables at the Wind Turbine Generator foundations and Offshore Substation foundations. Also, rock will be installation at the 3rd party asset crossing locations and some cable route sections. The rock installation will be by inclined fall pipe method. Work duration is expected to be approximately 3 months.

Vessel Name	Heimdal R
MMSI Number	219031124
Operating Company	Rohde Nielson A/S
Vessel Call Sign	OZHX2
Vessel Phone Number	+ 45 21 70 45 07
Vessel Email Address	heimdal@rohde-nielsen.dk

Table 8: Heimdal R vessel details

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Figure 10 – Heimdal R vessel

2.4 As Built Survey – X Ocean

Surveys will be undertaken by an Uncrewed Surface Vessel (USV) which is planned to sail out of Buckie during August 2024. Operations will take place subject to weather and other operational factors from 12th August 2024 for approximately 1 week.

A support vessel will escort the USV from the active port to clear water.

Although the vessel itself is uncrewed, it is monitored remotely throughout the 24-hour operation, piloted remotely using 360-degree cameras and other navigational aids.

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Figure below indicates the operational area. The survey area boundary is indicated in the Table below. In addition to the survey area, the USV will transit from Buckie to site.

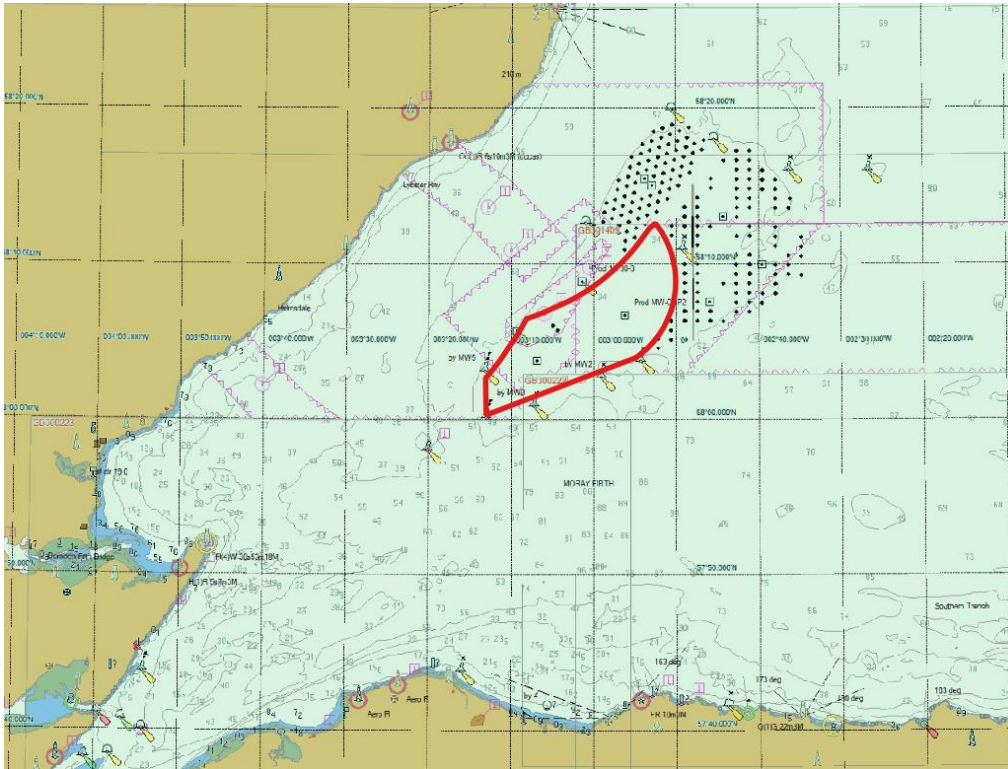


Figure 11 – Operational Area – Outlined in Red

Scope of work includes survey activities around the installed WTG foundations.

The work will be performed by the XOCEAN X-29, with 1x backup vessel, the XOCEAN X-23. Only one vessel will ever be operational at the same time.

The coordinates of the work site boundary are presented in the below Table. (these are the same as presented in Figure 11 above):

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Windfarm site boundary Coordinates				
Site ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
1	505117	6436040	58° 3.946' N	2° 54.796' W
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4	509828	6445010	58° 8.780' N	2° 49.983' W
5	509362	6448300	58° 10.551' N	2° 50.450' W
6	508444	6450480	58° 11.729' N	2° 51.382' W
7	507377	6452080	58° 12.588' N	2° 52.468' W
8	506584	6451400	58° 12.223' N	2° 53.279' W
9	504067	6448160	58° 10.482' N	2° 55.851' W
10	500728	6445090	58° 8.825' N	2° 59.258' W
11	496301	6442410	58° 7.380' N	3° 3.768' W
12	491909	6440620	58° 6.413' N	3° 8.237' W
13	489705	6437070	58° 4.496' N	3° 10.472' W
14	487142	6433650	58° 2.650' N	3° 13.068' W
15	487208	6429170	58° 0.237' N	3° 12.986' W

Table 9: Coordinates of Windfarm boundary

The survey operations will be completed by the XOCEAN X-29, Support vessel will be the Seacat. Details are provided in Table 2 below, along with the backup vessel (only 1 vessel will be operational at a time).

Vessel Name	X-29	X-23 (backup)	Seacat
MMSI Number	232053990	232044015	914283
Operating Company	XOCEAN	XOCEAN	Seacat
Vessel Call Sign	MOXJ4	MMIM8	2AMV3
Vessel Phone Number	+353 1 223 9950	+353 1 223 9950	+447919132686
Vessel Email Address	usv.supervisor@xocean.com	usv.supervisor@xocean.com	haroldnapier@hotmail.co.uk

Table 10: X-Ocean X-29, X-23 & Seacat vessel details

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Figure 12 – X-29 & X-23



Figure 13 – Seacat

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2.5 Earth Clamp Installation Works – OSP’s

Installation of earthing Clamps at the Moray West Offshore Wind Farm will commence from around 13th August 2024. The work comprises of the installation of 3x earth clamps at each of the J tube cages at OSP 1 and OSP 2. The clamps will be installed using air divers from the moored vessel CRC Galaxy supported by the VB Strathdee and Woodstock 1.

The installation works are to take place within the red boundary shown in the figure below

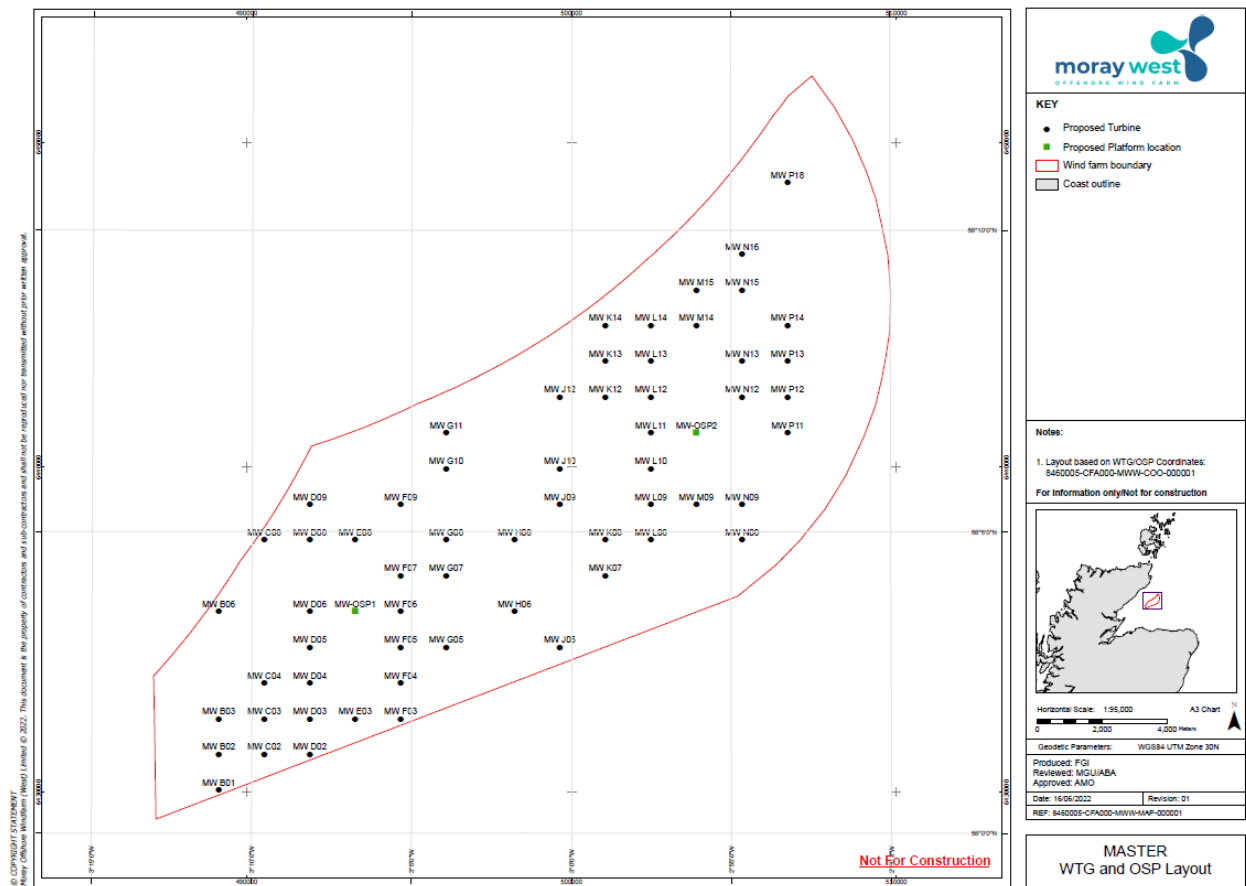


Figure 14 – Moray West wind farm site – Location of the works

The installation works are anticipated to commence around 13th August 2024 and are forecasted to be completed by 16th August 2024. The exact duration and completion date will depend on the weather and progress of the work.

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The scope of installation with CRC Galaxy comprises of the installation of 6x JTC earthing clamps in total split between the two locations (detailed in the table below)

OSP 1 & 2 Co-ordinates				
Location ID	UTM30N Easting (m)	UTM30N Northing (m)	WGS Latitude	WGS Longitude
OSP 1	493342.70	6435570.97	58°03.694'N	003°06.769'W
OSP 2	503842.70	6441070.97	58°06.661'N	002°56.087'W

Table 11 – Coordinates of proposed works

Earth clamp installation will be carried out by CRC Galaxy supported by VB Strathdee & Woodstock 1. (details in below table)

Vessel Name	CRC Galaxy	VB Strathdee	Woodstock 1
MMSI Number	235116253	235059525	235069559
Operating Company	Commercial Rib Charter	Boluda Towage	Caldive Ltd
Vessel Call Sign	2JIT4	2AGW9	2BUY7
Vessel Mobile Number	M: +44 7940238479	M: +44 7753646572	T: +44 1349 853688 M: +44 7519 294273
Vessel Email Address	crcgalaxy@commercialribcharter.co.uk	vbstrathdee@boluda.eu	admin@caldive.co.uk

Table 12 – CRC Galaxy, VB Strathdee & Woodstock 1 vessel details

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Figure 15 – CRC Galaxy



Figure 16 – VB Strathdee

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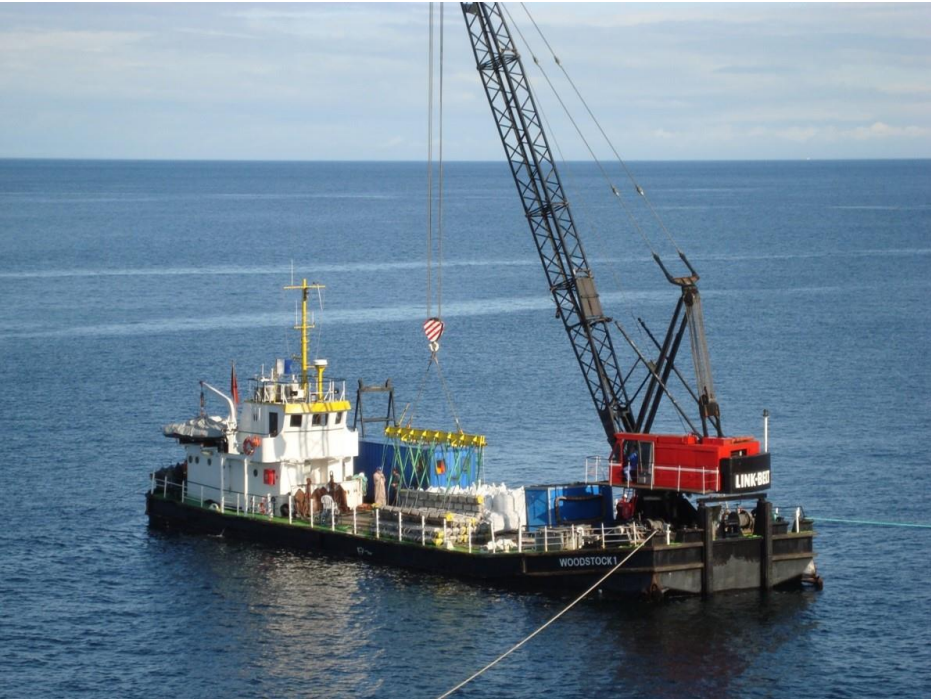


Figure 17 – Woodstock 1

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3. Completed Works

3.1 All Marine HDD works on HDD1, and HDD2 completed 22/03/2023 and marker buoy removed December 2023.

Weather Buoy in position Latitude: 57° 41.5409'N, Longitude: 002° 43.7323'W has been removed 25th March 2024.

3.2 Moray West Construction Markers

Moray West has completed the deployment of seven construction buoys (MW1 – MW7) around the outer perimeter of the Moray West site. The marker buoys will remain in place until after construction of the Moray West Wind Farm is complete. The co-ordinates for the as-built marker buoys are provided in the table below.

Table 13 – Marker Buoy Locations and Specifications

Construction Buoyage Positions and Specifications				
Buoy	ID	Location		Light and Top Mark Specification
Special Mark	MW1	58° 03' 410" N	002° 54' 140" W	<ul style="list-style-type: none"> Pillar shaped with a yellow 'x' shaped topmark Exhibiting a Fl Y 5s light character
Special Mark	MW2	58° 02' 400" N	002° 59' 010" W	<ul style="list-style-type: none"> Pillar shaped with a yellow 'x' shaped topmark Exhibiting a Fl Y 5s light character
Special Mark	MW3	58° 00' 500" N	003° 07' 100" W	<ul style="list-style-type: none"> Pillar shaped with a yellow 'x' shaped topmark Exhibiting a Fl Y 5s light character
South Cardinal	MW4	58° 00' 040" N	003° 12' 560" W	<ul style="list-style-type: none"> Pillar shaped with a south cardinal shaped topmark Exhibiting a V Quick (Q) (6) + L Fl 10s W light character.
West Cardinal	MW5	58° 03' 020" N	003° 13' 040" W	<ul style="list-style-type: none"> Pillar shaped with a west cardinal shaped topmark Q (9) 15s or V Quick (9) 10s W light

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Construction Buoyage Positions and Specifications				
Buoy	ID	Location		Light and Top Mark Specification
Special Mark	MW6	58° 06' 380" N	003° 08' 120" W	<ul style="list-style-type: none"> Pillar shaped with a yellow 'x' shaped topmark Exhibiting a Fl Y 5s light character
Special Mark	MW7	58° 09' 300" N	003° 00' 230" W	<ul style="list-style-type: none"> Pillar shaped with a yellow 'x' shaped topmark Exhibiting a Fl Y 5s light character

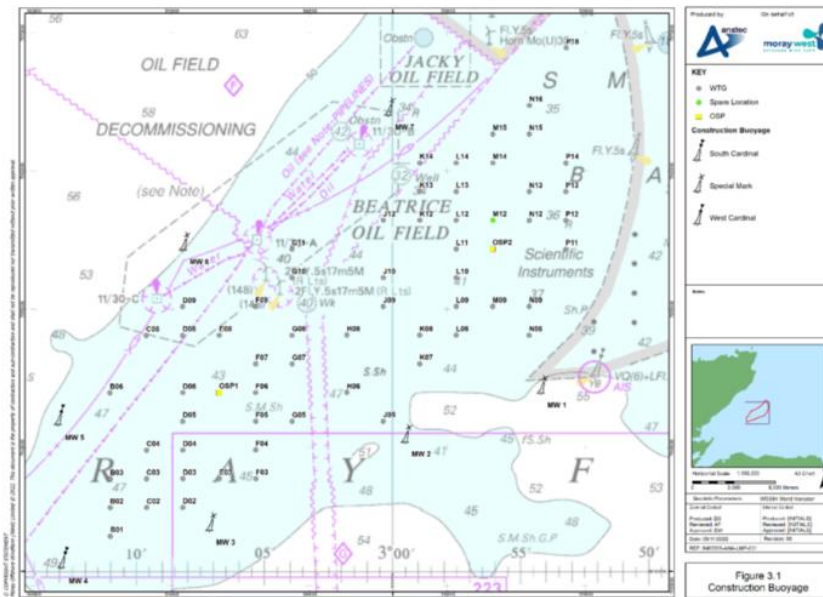


Figure 18 - Layout of demarcation Buoyage

3.3 OEC PLGR completed by Nexans Skagerrak 20/07/2023.

3.4 Scour protection Completed on all 62 locations by Rockpiper 03/08/2023.

3.5 PAM deployment completed by MV Waterfall 25/08/2023 (see table below)

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Table 14 - Deployed moorings PAM

PAM Deployment Locations				
Name	Coordinates (WGS84 datum)		Characteristics	Windfarm site
48	58° 04.022' N	3° 07.497' W	Subsurface	Moray West
49	58° 04.560' N	3° 01.140' W	Subsurface	Moray West
50	58° 06.360' N	2° 57.090' W	Subsurface	Moray West
52	58° 11.100' N	2° 51.300' W	Subsurface	Moray West
159	58° 09.357' N	2° 52.500' W	Subsurface	Moray West
280	58° 01.104' N	3° 09.270' W	Subsurface	Moray West
371	58° 01.920' N	3° 12.540' W	Subsurface	Moray West
372	58° 02.506' N	3° 11.040' W	Subsurface	Moray West
373	58° 03.100' N	3° 09.614' W	Subsurface	Moray West
374	58° 02.400' N	3° 07.170' W	Subsurface	Moray West
375	58° 04.590' N	3° 06.060' W	Subsurface	Moray West
376	58° 05.190' N	3° 04.620' W	Subsurface	Moray West
377	58° 03.696' N	3° 03.921' W	Subsurface	Moray West
378	58° 06.000' N	3° 03.360' W	Subsurface	Moray West
379	58° 05.476' N	3° 01.788' W	Subsurface	Moray West
380	58° 06.068' N	3° 01.788' W	Subsurface	Moray West
381	58° 06.661' N	3° 00.364' W	Subsurface	Moray West
382	58° 06.661' N	2° 58.938' W	Subsurface	Moray West
383	58° 05.476' N	2° 58.939' W	Subsurface	Moray West
384	58° 07.428' N	2° 58.230' W	Subsurface	Moray West
385	58° 09.042' N	2° 57.252' W	Subsurface	Moray West
386	58° 07.254' N	2° 56.084' W	Subsurface	Moray West
387	58° 07.847' N	2° 56.084' W	Subsurface	Moray West
388	58° 10.216' N	2° 56.083' W	Subsurface	Moray West
389	58° 09.474' N	2° 55.716' W	Subsurface	Moray West
390	58° 08.502' N	2° 54.960' W	Subsurface	Moray West
391	58° 07.980' N	2° 53.802' W	Subsurface	Moray West
392	58° 09.786' N	2° 53.418' W	Subsurface	Moray West
393	58° 10.218' N	2° 51.888' W	Subsurface	Moray West

3.6 UXO Disposal works completed by Glomar Wave 01/09/2023.

3.7 Boulder relocation works completed by Olympic Electra and Glomar Wave 04/09/2023.

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3.8 IAC PLGR and Pre-lay Survey Operations completed by Seaway Aimery 10/10/2023.

3.9 Offshore export cables laid and trenched 29/02/2024.

Table 15 - OEC Corridor Boundary Coordinates

OEC Boundary Coordinates				
Site ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
1	515668	6393410	57° 40.960' N	2° 44.235' W
2	516608	6394120	57° 41.339' N	2° 43.286' W
3	515577	6393950	57° 41.250' N	2° 44.324' W
4	516508	6394460	57° 41.524' N	2° 43.385' W
5	513708	6396550	57° 42.657' N	2° 46.197' W
6	514749	6397040	57° 42.916' N	2° 45.147' W
7	513398	6397550	57° 43.197' N	2° 46.505' W
8	514389	6398220	57° 43.556' N	2° 45.505' W
9	507318	6407200	57° 48.403' N	2° 52.612' W
10	508831	6407280	57° 48.448' N	2° 51.084' W
11	506281	6411070	57° 50.491' N	2° 53.652' W
12	507304	6412020	57° 51.002' N	2° 52.616' W
13	504602	6412190	57° 51.097' N	2° 55.348' W
14	505635	6413170	57° 51.620' N	2° 54.302' W
15	501742	6421330	57° 56.023' N	2° 58.236' W
16	503027	6421600	57° 56.167' N	2° 56.933' W
17	500291	6425260	57° 58.142' N	2° 59.704' W
18	501026	6426100	57° 58.592' N	2° 58.959' W
19	502008	6426290	57° 58.695' N	2° 57.963' W
20	498120	6427350	57° 59.266' N	3° 01.908' W
21	498509	6428270	57° 59.765' N	3° 01.513' W
22	496426	6427460	57° 59.323' N	3° 03.626' W
23	496879	6428360	57° 59.809' N	3° 03.168' W
24	493163	6433130	58° 02.379' N	3° 06.948' W
25	494102	6433470	58° 02.564' N	3° 05.994' W
26	501048	6433140	58° 02.387' N	2° 58.935' W
27	502019	6432900	58° 02.257' N	2° 57.948' W

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28	492944	6435870	58° 03.853' N	3° 07.175' W
29	493774	6435810	58° 03.824' N	3° 06.331' W
30	503507	6438800	58° 05.437' N	2° 56.431' W
31	504499	6438660	58° 05.363' N	2° 55.422' W
32	503378	6441240	58° 06.751' N	2° 56.560' W
33	504289	6441290	58° 06.779' N	2° 55.632' W

3.10 Removal of marker buoy at landfall, HDD Bell mouths, concrete mattresses and rock bags at HDD exit points nearshore.

3.11 Installation of OSP 1 J Tube Cage, TP and Topside on 18/12/2023

3.12 Installation of OSP 2 J Tube Cage, TP and Topside on 10/01/2024

3.13 OEC 1 Terminated OSP 1 by Nexans Aurora 19/02/2024.

3.14 OEC 2 Terminated OSP 2 by Nexans Aurora 23/02/2024.

3.15 OEC 1 & 2 Remedial protection completed (Except HDD exit areas) 20/03/2024.

3.16 Monopile installation completed 13/04/2024.

3.17 Transition Piece Installation completed 27/05/2024.

3.18 Array Cables laid 20/06/2024.

3.19 Array Cables Buried 02/07/2024.

3.20 MW8 & MW9 Wave rider buoys removed 31/07/2024.

4. Upcoming works

5. Guard Vessels

Kinnaird Marine Limited has been appointed by Moray West to provide guard vessels during the Construction campaign. Apart from times of extreme weather, there will always be at least one guard vessel on station. 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. Mariners are requested to navigate with caution and keep continued watch on VHF Ch. 16, 87 and 73 when navigating the area.

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5.1 Guard Vessel – Solstice

GV Solstice



TYPE	Guard Vessel	OPERATOR	Kinnaird Marine Services
IMO	8953033	LOA	21m
MMSI NUMBER	233486000	BEAM	6 m
CALLSIGN	MPFN7	DRAUGHT	3.6 m
FLAG	UK	DATE ON SITE	6/11/2023
CONTACT TEL	01346 518035	LICENCES	Windfarm, OFTI & OSP Marine Licences

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5.2 Guard Vessel – Ability

GV Ability



TYPE	Guard Vessel	OPERATOR	Kinnaird Marine Services
IMO	8644785	LOA	23.14m
MMSI NUMBER	235014666	BEAM	6.63m
CALLSIGN	MDFW3	DRAUGHT	3.2m
FLAG	UK	DATE ON SITE	17/09/2023
CONTACT TEL	01346 518035	LICENCES	Wind Farm, Marine licences

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5.3 Guard Vessel – Bountiful

GV Bountiful



TYPE	Guard Vessel	OPERATOR	Kinnaird Marine Services
IMO	8699871	LOA	22m
MMSI NUMBER	232004846	BEAM	7m
CALLSIGN	MJLF4	DRAUGHT	3.6m
FLAG	UK	DATE ON SITE	17/09/2023
CONTACT TEL	01346 518035	LICENCES	Wind Farm, Marine licences

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6. Crew Transfer Vessels/Offshore Support

Please be advised that Moray West Offshore Windfarm will be utilising CTVs (Crew Transfer Vessels) to support offshore works on the Moray West offshore Wind Farm. The CTVs will be transiting daily from Buckie.

6.1 Crew Transfer Vessel – Farra Roisin



Vessel Name	Farra Roisin
MMSI Number	232049709
Operating Company	Farra Marine
Vessel Call Sign	MODU3
Vessel Mobile Phone Number	+44(0)7394660054
Vessel Email Address	roisin@farramarine.com

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6.2 Crew Transfer Vessel – Farra Ciara



Vessel Name	Farra Ciara
MMSI Number	232039877
Operating Company	Farra Marine
Vessel Call Sign	MKPT9
Vessel Mobile Phone Number	+44(0)7742554947
Vessel Email Address	ciara@farramarine.com

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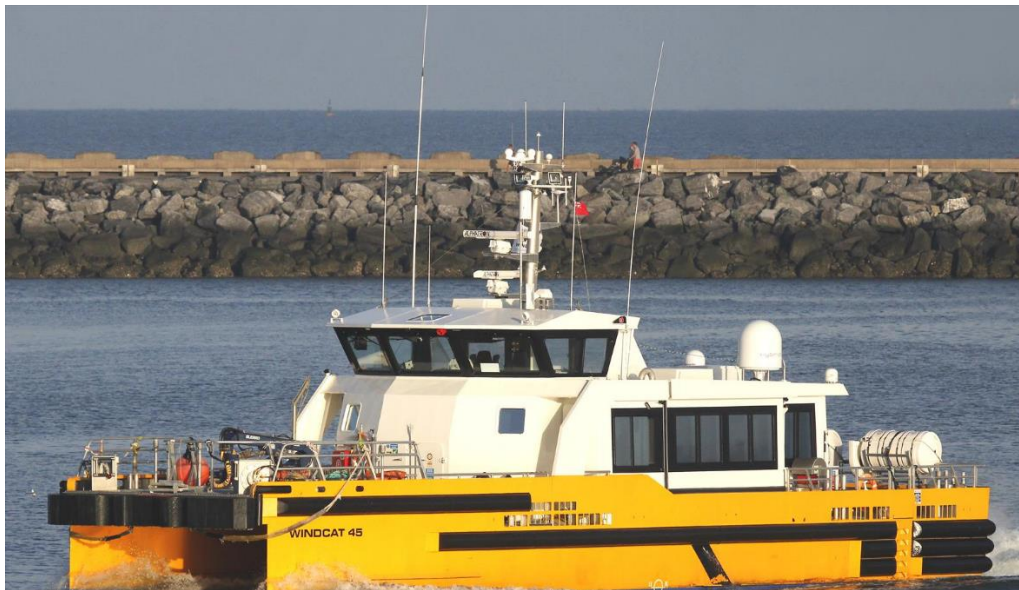
6.3 Crew Transfer Vessel - Windcat 17



Vessel Name	Windcat 17
MMSI Number	235070402
Operating Company	Windcat Workboats
Vessel Call Sign	2BYDS
Vessel Mobile Phone Number	+44 7825135740
Vessel Email Address	Windcat17@windcatworkboats.com

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6.4 Crew Transfer Vessel – Windcat 45



Vessel Name	Windcat 45
MMSI Number	232024430
Operating Company	Windcat Workboats
Vessel Call Sign	MCGP8
Vessel Mobile Phone Number	+44 7825021035
Vessel Email Address	Windcat45@windcatworkboats.com

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6.5 Crew Transfer Vessel – Windcat 57



Vessel Name	Windcat 57
MMSI Number	232053452
Operating Company	Windcat Workboats
Vessel Call Sign	MOUX2
Vessel Mobile Phone Number	+447484943471
Vessel Email Address	Windcat57@windcatworkboats.com

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6.6 Crew Transfer Vessel – HST Ella



Vessel Name	HST Ella
MMSI Number	232036844
Operating Company	Purus HST
Vessel Call Sign	MJN14
Vessel Mobile Phone Number	07548967056
Vessel Email Address	hstella@purus.com

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7 General Safety Advice

Please be aware that by virtue of their mode of operation and the equipment deployed, some construction 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 27.

In order to not compromise the safety of the project vessels and their crew, and each vessel's ability to undertake its contracted works, fishermen who have static fishing gears deployed within the defined Moray West site(see Figure 1) are requested to provide the coordinates of such deployed gears in DMS and details of whether the surface markers used are visible at all states of visibility to Alex Winrow-Griffin (Brown & May Marine) using the contact information in the Fisheries Liaison section below (Section 58 of the Merchant Shipping Act 1995).

Fishermen who have static gears deployed beyond 12 nm are reminded that static gear must be marked in accordance with Commission Implementing Regulation (EU) No. 404/2011 (<https://www.gov.uk/guidance/markings-of-fishing-gear-retrieval-and-notification-of-lost-gear#marking-of-fishing-gear>). Static gears deployed within 12 nm should be marked in accordance with The Marking of Creels (Scotland) Order 2020 (<https://www.legislation.gov.uk/ssi/2020/168/made/data.pdf>).

All mariners are requested to give all construction and support vessels a safe passing distance and contact the vessel on VHF CH16 to ascertain what distance is required dependant on their ongoing operation.

Mariners are requested to navigate with caution, to use all means appropriate to aid safe navigation as defined under COLREGs Rule 27, and keep continued watch on VHF Ch. 16, 87 and 73 when navigating the area.

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8 Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine (Moray West Company Fisheries Liaison Officer). For any non-urgent commercial fishery queries please contact Brown and May Marine or Moray West's Commercial Fisheries Manager. Note that they are only available during standard office hours and may not be able to provide immediate responses. For queries requiring an immediate response please contact either the Moray West Marine Coordinator or an Offshore Fisheries Liaison Officer:

- **Moray West Company Fisheries Liaison Officer (CFLO)**
Alex Winrow-Giffin - Brown and May Marine Ltd.
Email: alex@brownmay.com
Tel: +44 1379 872148 / + 44 7760 160039
- **Moray West Commercial Fisheries Manager**
Iain McMyn
Email : iain.mcmym@oceanwinds.com
Tel : +44 7780 191088
- **Offshore Fisheries Liaison Officer**
Currently deployed onboard Guard Vessels

9 Distribution List

The distribution of this notice is as per email recipient's header. A central list of recipients is maintained by the Marine Coordinator; if you are not the appropriate recipient of these notices, or do not wish to receive the notices in the future, please contact us at the address included in Section 1 of this notice.

10 Moray West Website

The official website of Moray Offshore Windfarm (West) Limited can be found at:

<https://www.moraywest.com/current-works/offshore-works>

This website will contain all Notices to Mariners (NtMs) published by Moray West during the construction phase of the project, Weekly Notices of Operations and general information about the project.