

# Notice to Mariners

## WTG Installation Works – SGRE (Cadelar) Wind Orca Vessel April 2024

Moray West Offshore Wind Farm

|                   |  |
|-------------------|--|
| <b>Issue date</b> | 29/03/2024   |
| <b>Version</b>    | 01   |
| <b>Activity</b>   | WTG Installation Works – SGRE (Cadelar) Wind Orca Vessel<br>April 2024 |

## Revision History

| <b>Version</b> | <b>Issue Date</b> | <b>Status</b> | <b>Updates</b> |
|----------------|-------------------|---------------|----------------|
| 01             | 29/03/2024        | Final         | First Issue    |

# 1. Introduction

This notice to mariners is to inform that Moray Offshore Windfarm (West) Limited (Moray West) will be carrying out Wind Turbine Generator Installation Works across the whole of the Moray West site. The Wind Turbine Installation Vessel ‘Wind Orca’ is expected to arrive to site circa 6<sup>th</sup> April 2024. The work comprises of the installation of 60 x WTGs (Wind Turbine Generators) on the already installed Transition Pieces.

The Moray West site is located on the Smith Bank in the Outer Moray Firth, approximately 22.5km from the Caithness coastline. The offshore wind farm site covers an area of approximately 225km<sup>2</sup>. The offshore export cable routes and wind farm site is given in Figure 1:

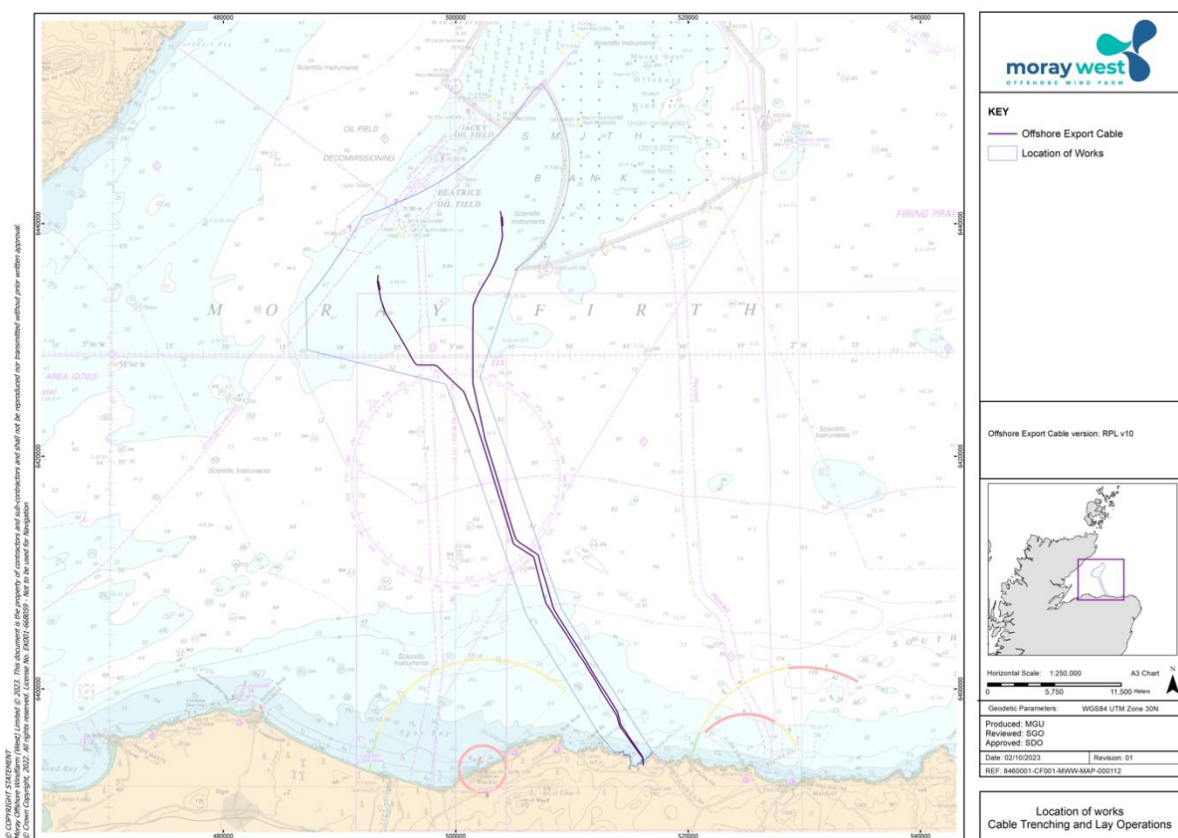


Figure 1. Moray West Wind Farm Site. Location of the cable routes for the works

## 2. Wind Turbine Generator Installation works

The 'Wind Orca' vessel is expected to arrive on site circa 6<sup>th</sup> 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 will be supported by the SOV (Service Offshore Vessel) 'Norwind Breeze' and two CTV's (Crew Transfer Vessels) Fob Swath 3 & Fob Swath5.

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

Figure 2 below shows the wind turbine locations where these works will take place:

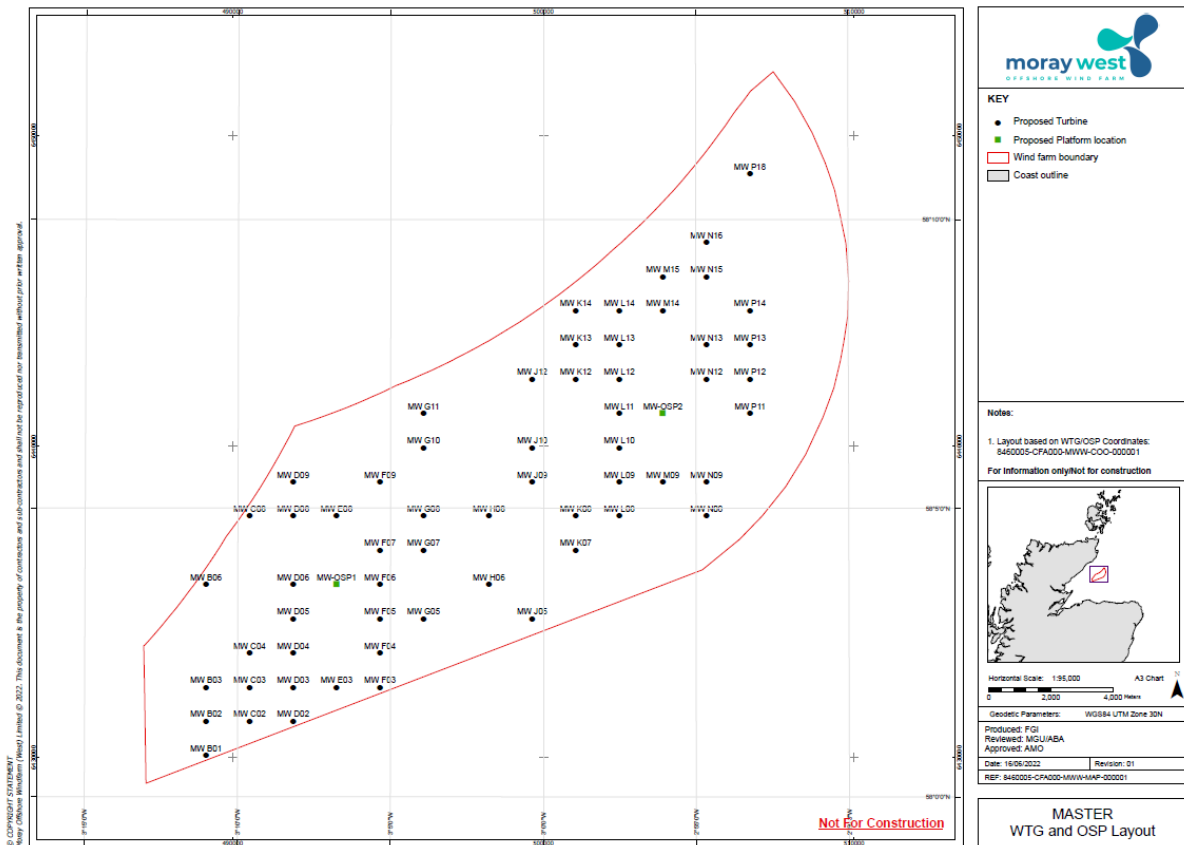


Figure 2. Moray West wind farm site – Location of the works

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     |
| 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 |
| 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 1. Coordinates of proposed works*

### 3. General Safety Advice

Please be aware that, during WTG installation work activities, by virtue of its mode of operation the 'Wind Orca' vessel will be Restricted in their Ability to Manoeuvre (RAM) and will also display appropriate day shapes while conducting remedial protection operations are taking place as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3).

Masters of approaching vessels are therefore requested to maintain their vessels and gears at a minimum safe passing distance from the vessel of 500 metres when it is undertaking work and showing the appropriate shapes and lights in accordance with COLREGs Rule 27 to not compromise the safety of the 'Wind Orca' vessel and their crew, and the ability to undertake its contracted works.

### 4. Vessel Information

The offshore WTG installation operations will be completed by the jack up vessel 'Wind Orca' Supported by the SOV 'Norwind Breeze' and CTV's Fob Swath 3 & Fob Swath 5. Details are provided below.

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

Table 2. Wind Orca & Norwind Breeze details.



Figure 3. 'Wind Orca'— photo of the vessel



Figure 4. 'Norwind Breeze'— photo of the vessel

|                                      |  |   |
|--------------------------------------|--|---|
| <b>Vessel Name</b>                   | Fob Swath 3  | Fob Swath 5   |
| <b>IMO/MMSI Number</b>               | 9672935/21946000   | 0672959/ 219464000  |
| <b>Operating Company</b>             | Offshore Windservice A/S   | Offshore Windservice A/S  |
| <b>Vessel Call Sign</b>              | OJWY2  | OJXA2   |
| <b>Vessel Phone Number and email</b> | Mobile: + 45 21704429<br>Sat: + 45 82132239<br>Email: <a href="mailto:Fob3@odfjellwind.com">Fob3@odfjellwind.com</a> | <b>Mobile: +45 30326614</b><br><b>Sat: +45 82133452</b><br><b>Email: <a href="mailto:fob5@odfjellwind.com">fob5@odfjellwind.com</a></b> |

Table 3. 'Fob Swath 3' & 'Fob Swath 5' details.



Figure 5. 'Fob Swath 3' – photo of the vessel





Figure 6. 'Fob Swath 5' – photo of the vessel

## 5. Developer Contacts Details

Enquiries regarding the contents of this Notice to Mariners should be directed to Moray West team (contact details below).

For fisheries related matters, please contact the Fishery Manager, using the contact details provided below:

### **Offshore WTG Installation - Package Manager**

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Tel : +44 7341 521712

### **Consenting**

Moray West Development Team  
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### **Health, Safety and Other Matters**

Richard Pargeter (Head of HSSE)  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
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Tel: +44 (0) 1315 567602

**Fishing Enquiries**

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 Tel: +44 (0) 7780 191088

Alex Winrow-Giffin, Brown and May Marine (Company Fisheries Liaison Officer)  
 Email: [alex@brownmay.com](mailto:alex@brownmay.com)  
 Tel: +44 (0) 7760 160039

**Moray East Marine Coordination**

| <b>Marine Coordination</b>     | <b>Contact</b>  |
|--------------------------------|---|
| Marine Coordinator – Duty      | +44 (0) 7774 663504<br><a href="mailto:mcc@moraywest.com">mcc@moraywest.com</a> |
| Call sign – Moray West Traffic | VTS CH16 & CH87   |