Beatrice Offshore Windfarm Limited Construction Operations



Issue Date: 17 June 2019

LF000005-WNO-013: Weekly Notice of Operations - Rev 110

Notice of Operations at Beatrice Offshore Wind Farm

Work Planned for the Period 17.06.2019 to 23.06.2019

Construction of the Beatrice Offshore Wind Farm commenced on the 1st of April 2017. This notice will be updated weekly giving information on the progress and resources involved in the offshore project. The intention is to give an overview of activities and vessels involved. Should anyone have questions regarding the operations, we kindly ask you to put them forward well in advance.

Beatrice Offshore Windfarm Limited (BOWL) is developing the Beatrice Offshore Wind Farm in the 'Outer' Moray Firth on the north-western point of the Smith Bank, approximately 7 nm off the Caithness coastline. The development site will cover an approximate area of up to 130km² and will consist of 84 7MW offshore wind turbines (with a total capacity of 588MW) and two HVAC Offshore Transformer Modules (OTM). Water depths in the area range from approximately 38m below LAT in the south of the field to 60m below LAT in the north. The generated power will be transmitted to the grid via two subsea export / transmission cables with a landfall near Portgordon to the south of the field and grid connection at Blackhillock. The transmission cables cover a route of approximately 38 nm from the wind farm boundary back to the landfall. The Beatrice Offshore Wind Farm development area is highlighted in red below, the OFTW cable corridor in black.

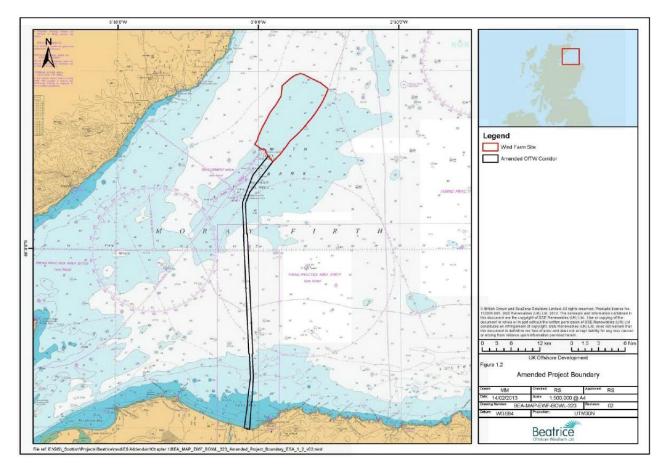


Fig. 1 Beatrice Offshore Wind Farm Location

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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.

| Telephone Number | +44 (0) 3302 020329 |
|------------------------------|---|
| Emergency Contact (24/7) | +44 (0) 7342 028207 |
| Email for Marine Coordinator | mc.bowl@sse.com |
| Address | Grey Coast Building, Harbour Quay, Wick Caithness KW1 5EN |

2. Ongoing Operations

2.1 Foundations – Maintenance & Remedial Operations

Seaway 7's maintenance programme on foundations continues, utilising the crew transfer vessels Rix Cheetah, Green Storm, Rix Lion and Rix Lynx.

| Rix Cheetah | | |
|-------------------------------------|--|--|
| General Description and Dimensions: | Crew Transfer Vessel – 25 x 7 m | |
| Call Sign: | 2GGY7 | |
| MMSI: | 235097312 | |
| Onshore Representative: | Seaway 7 Wick College Building, 1st Floor 1 The Shore, Wick, Caithness, Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | |



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| Green Storm | | |
|-------------------------------------|--|--|
| General Description and Dimensions: | Crew Transfer Vessel – 25.75 x 10.06 m | |
| Call Sign: | 2EXU3 | |
| MMSI: | 235089035 | |
| Onshore Representative: | Seaway 7 Wick College Building, 1st Floor 1 The Shore, Wick, Caithness, Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | |



| Rix Lion | | |
|-------------------------------------|--|--|
| General Description and Dimensions: | Crew Transfer Vessel – 26 x 10 x 2.5 m | |
| Call Sign: | 2HOH3 | |
| MMSI: | 235105282 | |
| Onshore Representative: | Seaway 7 Wick College Building, 1st Floor 1 The Shore, Wick, Caithness, Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | |

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| Rix Lynx | | |
|-------------------------------------|--|--|
| General Description and Dimensions: | Crew Transfer Vessel – 26 x 7.0 x 2.0 m | |
| Call Sign: | 2JGQ6 | |
| MMSI: | 235115745 | |
| Onshore Representative: | Seaway 7 Wick College Building, 1st Floor 1 The Shore, Wick, Caithness, Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | |



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2.2 Offshore Transmission Modules (OTMs) Commissioning Works

Siemens Transmission and Distribution Ltd (STDL) are completing electrical commissioning operations on both OTMs.

The following assets are now under the control of the SSE operational safety rules: EC1, EC2 & EC3. OTM1 &OTM2 and all Strings on site.





Fig. 2 OTM 1

Fig. 3 OTM2

2.2.1 Vessels Involved in Activity

The offshore supply vessel Skandi Constructor acts as a hotel vessel and 'walk to work' service operations vessel (SOV) for the commissioning works on the OTMs, supported by the CTV Dalby Ribble.

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| Skandi Constructor | | |
|-------------------------------------|--|--|
| General Description and Dimensions: | Service Operations Vessel (SOV) L: 120m B: 25m | |
| | D: 7.2m | |
| Call Sign: C6ZH8 | | |
| MMSI: | 311055900 | |
| Onshore Representative: | John Davidson | |
| | Siemens Transmission & Distribution Ltd | |
| | Princess Road Manchester M20 2UR | |
| | Tel +44 1614 466610 | |
| | john.s.davidson@siemens.com | |



| Dalby Ribble | | |
|---|---|--|
| General Description and Dimensions: Crew Transfer Vessel - L:25.75 x B:10 r | | |
| Call Sign: 2IVX5 | | |
| MMSI: | 235113236 | |
| | John Davidson | |
| Onshore Representative: | Siemens Transmission & Distribution Ltd | |
| | Princess Road Manchester M20 2UR | |
| | Tel +44 1614 466610 | |
| | john.s.davidson@siemens.com | |
| | | |



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2.3 Offshore Installation of Wind Turbines

Siemens Gamesa Renewable Energy (SGRE) have now completed the installation and commissioning of 84 x 7.0 MW wind turbines in the Beatrice Offshore Windfarm (BOWL).

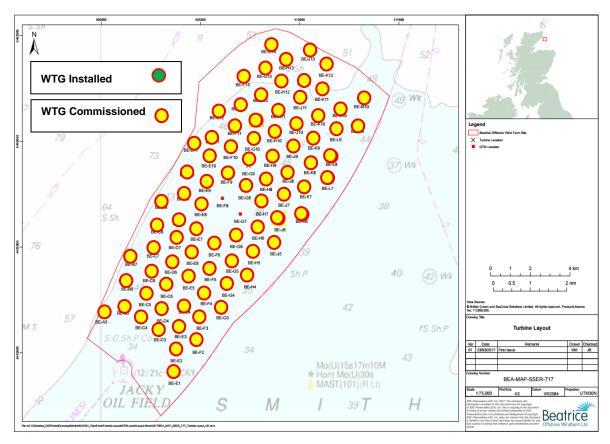


Fig. 4 Locations of WTG in the BOWL Construction Site

Table 1. WTG Installation and Commissioning Progress

Turbine installation completed at: 84 Locations

Turbine commissioning complete at: 84 Locations

| Location ID | Latitude WGS84 | Longitude WGS84 | WTG Installed | WTG Commissioned |
|-------------|----------------|-----------------|---------------|---------------------|
| BE-A5 | 58° 12.471' N | 002° 59.996' W | 30.10.2018 | 12.11.2018 |
| BE-B5 | 58° 12.687' N | 002° 58.873' W | 01.11.2018 | 16.11.2018 |
| BE-B6 | 58° 13.308′ N | 002° 58.664' W | 26.11.2018 | 07.12.2018 |
| BE-B7 | 58° 13.929' N | 002° 58.456' W | 25.11.2018 | 06.12.2018 |
| BE-C4 | 58° 12.307' N | 002° 57.948' W | 26.09.2018 | 09.10.2018 |
| BE-C5 | 58° 12.902' N | 002° 57.749' W | 03.10.2018 | 28.10.2018 |
| BE-C6 | 58° 13.524' N | 002° 57.541' W | 19.10.2018 | 05.11.2018 |
| BE-C7 | 58° 14.144' N | 002° 57.332' W | 10.12.2018 | 30.12.2018 |

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| | | of Operations - Rev 1 | | WTG |
|-------------|----------------|-----------------------|---------------|--------------|
| Location ID | Latitude WGS84 | Longitude WGS84 | WTG Installed | Commissioned |
| BE-C8 | 58° 14.766' N | 002° 57.124' W | 21.12.2018 | 07.01.2019 |
| BE-C9 | 58° 15.386' N | 002° 56.915' W | 30.12.2019 | 17.01.2019 |
| BE-D3 | 58° 11.995' N | 002° 57.002' W | 20.08.2018 | 03.09.2018 |
| BE-D4 | 58° 12.497' N | 002° 56.834' W | 28.09.2018 | 11.10.2018 |
| BE-D5 | 58° 13.117' N | 002° 56.626' W | 06.10.2018 | 22.10.2018 |
| BE-D6 | 58° 13.739' N | 002° 56.417' W | 18.10.2018 | 16.11.2018 |
| BE-D7 | 58° 14.359' N | 002° 56.209' W | 15.10.2018 | 28.10.2018 |
| BE-D8 | 58° 14.981' N | 002° 55.999' W | 23.12.2018 | 03.01.2019 |
| BE-D9 | 58° 15.602' N | 002° 55.790' W | 02.01.2019 | 16.01.2019 |
| BE-D10 | 58° 16.223' N | 002° 55.582' W | 15.01.2018 | 28.01.2019 |
| BE-D11 | 58° 16.844' N | 002° 55.373' W | 05.01.2019 | 16.01.2018 |
| BE-E1 | 58° 10.900' N | 002° 56.256' W | 08.10.2018 | 22.10.2018 |
| BE-E2 | 58° 11.470' N | 002° 56.128' W | 02.09.2018 | 15.09.2018 |
| BE-E3 | 58° 12.090' N | 002° 55.920' W | 17.11.2018 | 29.11.2018 |
| BE-E4 | 58° 12.712' N | 002° 55.710' W | 05.11.2018 | 21.11.2018 |
| BE-E5 | 58° 13.333' N | 002° 55.502' W | 08.09.2018 | 19.09.2018 |
| BE-E6 | 58° 13.954' N | 002° 55.293' W | 09.09.2018 | 06.10.2018 |
| BE-E7 | 58° 14.575' N | 002° 55.084' W | 06.09.2018 | 17.09.2018 |
| BE-E8 | 58° 15.196' N | 002° 54.875' W | 14.10.2018 | 29.10.2018 |
| BE-E9 | 58° 15.817' N | 002° 54.665' W | 04.01.2019 | 30.01.2019 |
| BE-E10 | 58° 16.438' N | 002° 54.456' W | 29.01.2019 | 11.02.2019 |
| BE-E11 | 58° 17.059' N | 002° 54.247' W | 02.02.2019 | 12.02.2019 |
| BE-E12 | 58° 17.680' N | 002° 54.037' W | 18.01.2018 | 30.01.2019 |
| BE-F2 | 58° 11.685' N | 002° 55.005' W | 23.07.2018 | 06.08.2018 |
| BE-F3 | 58° 12.306′ N | 002° 54.796' W | 01.09.2018 | 12.09.2018 |
| BE-F4 | 58° 12.927' N | 002° 54.588' W | 15.09.2018 | 28.09.2018 |
| BE-F5 | 58° 13.548' N | 002° 54.378' W | 22.08.2018 | 13.09.2018 |
| BE-F6 | 58° 14.168' N | 002° 54.169' W | 23.08.2018 | 09.08.2018 |
| BE-F9 | 58° 16.031' N | 002° 53.540' W | 01.03.2019 | 13.03.2019 |
| BE-F10 | 58° 16.653' N | 002° 53.330' W | 03.03.2019 | 26.03.2018 |
| BE-F11 | 58° 17.274' N | 002° 53.120' W | 01.12.2018 | 21.12.2018 |
| BE-F12 | 58° 17.894' N | 002° 52.911' W | 20.01.2019 | 06.02.2019 |
| BE-F13 | 58° 18.516' N | 002° 52.701' W | 11.11.2018 | 13.12.2018 |
| BE-G3 | 58° 12.544' N | 002° 53.726' W | 14.08.2018 | 25.08.2018 |
| BE-G4 | 58° 13.142' N | 002° 53.464' W | 12.08.2018 | 24.08.2018 |
| BE-G5 | 58° 13.762' N | 002° 53.254' W | 02.08.2018 | 22.08.2018 |
| BE-G6 | 58° 14.384' N | 002° 53.044' W | 24.07.2018 | 23.08.2018 |
| BE-G8 | 58° 15.625' N | 002° 52.625' W | 24.01.2019 | 05.02.2019 |
| BE-G9 | 58° 16.247' N | 002° 52.415' W | 05.04.2019 | 16.04.2019 |
| BE-G10 | 58° 16.867' N | 002° 52.204' W | 12.02.2019 | 25.02.2019 |
| BE-G11 | 58° 17.488' N | 002° 51.994' W | 16.02.2019 | 28.02.2019 |
| BE-G12 | 58° 18.109' N | 002° 51.784' W | 02.02.2019 | 13.02.2019 |
| BE-G13 | 58° 18.730' N | 002° 51.574' W | 04.12.2018 | 15.12.2018 |
| BE-G14 | 58° 19.351' N | 002° 51.362' W | 25.02.2019 | 19.03.2019 |
| BE-H4 | 58° 13.356' N | 002° 52.339' W | 31.07.2018 | 20.08.2018 |
| BE-H5 | 58° 13.977' N | 002° 52.130' W | 20.07.2018 | 03.08.2018 |

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| Location ID | Latitude WGS84 | Longitude WGS84 | WTG Installed | WTG |
|-------------|----------------|-----------------|---------------|--------------|
| Location ib | Latitude WOOO4 | - | WIOIIIstalled | Commissioned |
| BE-H6 | 58° 14.598' N | 002° 51.920' W | 19.07.2018 | 01.08.2018 |
| BE-H7 | 58° 15.219' N | 002° 51.709' W | 24.12.2018 | 06.01.2019 |
| BE-H8 | 58° 15.840' N | 002° 51.499' W | 16.08.2018 | 24.11.2018 |
| BE-H9 | 58° 16.461' N | 002° 51.289' W | 17.09.2018 | 24.11.2018 |
| BE-H10 | 58° 17.082' N | 002° 51.079' W | 02.12.2018 | 15.12.2018 |
| BE-H11 | 58° 17.703' N | 002° 50.867' W | 05.02.2019 | 23.02.2019 |
| BE-H12 | 58° 18.324' N | 002° 50.657' W | 23.01.2019 | 03.02.2019 |
| BE-H13 | 58° 18.944' N | 002° 50.446' W | 03.02.2019 | 14.02.2019 |
| BE-J5 | 58° 14.192' N | 002° 51.005' W | 14.07.2018 | 10.08.2018 |
| BE-J6 | 58° 14.812' N | 002° 50.795' W | 13.05.2019 | 25.05.2019 |
| BE-J7 | 58° 15.433' N | 002° 50.585' W | 18.04.2019 | 30.04.2019 |
| BE-J8 | 58° 16.055' N | 002° 50.373' W | 04.03.2019 | 10.04.2019 |
| BE-J9 | 58° 16.675' N | 002° 50.163' W | 06.01.2019 | 19.01.2019 |
| BE-J10 | 58° 17.296' N | 002° 49.952' W | 30.03.2019 | 12.04.2019 |
| BE-J11 | 58° 17.917' N | 002° 49.741' W | 26.12.2018 | 14.01.2019 |
| BE-J12 | 58° 18.538' N | 002° 49.530' W | 20.02.2019 | 21.03.2019 |
| BE-J13 | 58° 19.159' N | 002° 49.319' W | 24.02.2019 | 21.03.2019 |
| BE-K6 | 58° 15.027' N | 002° 49.669' W | 12.05.2019 | 23.05.2019 |
| BE-K7 | 58° 15.648' N | 002° 49.459' W | 10.05.2019 | 21.05.2019 |
| BE-K8 | 58° 16.269' N | 002° 49.247' W | 26.03.2019 | 10.04.2019 |
| BE-K9 | 58° 16.890' N | 002° 49.036' W | 08.04.2019 | 23.09.2019 |
| BE-K10 | 58° 17.510' N | 002° 48.825' W | 30.04.2019 | 16.05.2019 |
| BE-K11 | 58° 18.131' N | 002° 48.614' W | 12.04.2019 | 24.04.2019 |
| BE-K12 | 58° 18.752' N | 002° 48.403' W | 11.04.2019 | 25.04.2019 |
| BE-L7 | 58° 15.862' N | 002° 48.333' W | 22.04.2019 | 03.05.2019 |
| BE-L8 | 58° 16.482' N | 002° 48.122' W | 11.05.2019 | 23.05.2019 |
| BE-L9 | 58° 17.104' N | 002° 47.910' W | 27.04.2019 | 08.05.2019 |
| BE-L10 | 58° 17.724' N | 002° 47.698' W | 29.04.2019 | 11.04.2019 |
| BE-M9 | 58° 17.317' N | 002° 46.784' W | 28.04.2019 | 10.05.2019 |
| BE-M10 | 58° 17.938' N | 002° 46.571' W | 14.05.2019 | 29.05.2019 |

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Fig. 5 Siemens SWT-7.0-154 WTG installed at Beatrice OWF

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2.4 Operations & Maintenance (O & M)

Custody of all Strings has now been transferred from Project Construction to Operations and Maintenance (O & M).

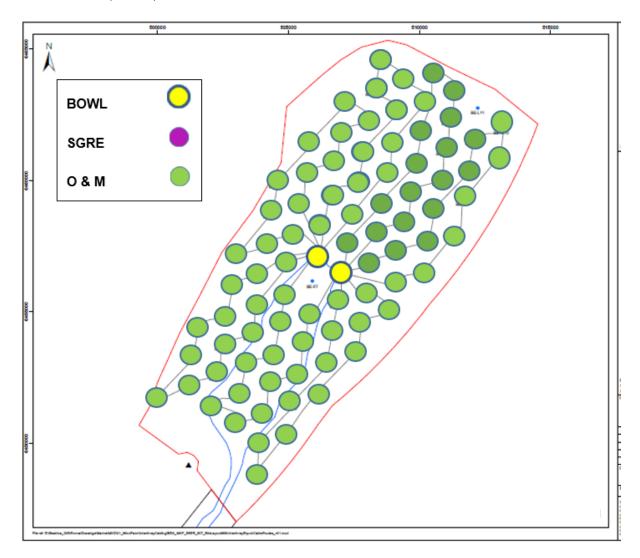


Fig. 6 Custody of Assets Chart

Siemens Gamesa Renewable Energy (SGRE Service) has taken over operational control of the scheduled maintenance and troubleshooting of all WTGs.

To assist them in this regard they have engaged the CTVs Seacat Mischief, Seacat Magic and an Airbus H145 helicopter operated by the German company WIKING Helicopter Service GmbH.

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The helicopter is based in a temporary hanger at Wick airport and will be used to transport SGRE technicians to work on the turbines when conditions to transfer by CTV are exceeded, but flying conditions are within limits.

2.4.1 Vessels & Aircraft Engaged in Activity

| Seacat Mischief | | |
|-------------------------------------|---|--|
| General Description and Dimensions: | Crew Transfer Vessel (CTV) L: 25m / B: 11m | |
| Call Sign: | | |
| MMSI: | | |
| Onshore Representative: | Barry Lucken Offshore Service Manager Beatrice Offshore Windfarm Ltd +44 7921 836268 Barry.lucken@siemensgamesa.com | |
| | - | |



| Seacat Magic | | |
|-------------------------------------|---|--|
| General Description and Dimensions: | Crew Transfer Vessel (CTV) L: 23m / B: 8m | |
| Call Sign: | 2JDI2 | |
| MMSI: | 235114973 | |
| Onshore Representative: | Barry Lucken Offshore Service Manager | |
| | Beatrice Offshore Windfarm Ltd | |
| | +44 7921 836268 | |
| | barry.lucken@siemensgamesa.com | |



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| Wiking Helicopter H145 | | | | |
|-------------------------------------|---|--|--|--|
| General Description and Dimensions: | Airbus H145 Twin Engine, multi-purpose helicopter. LOA 13.63 x 3.29 x 4.00 m – Rotor diameter 11.0 m | | | |
| Call Sign: | WHS2AG 'Wiking Two Alpha Golf' | | | |
| Onshore Representative: | Barry Lucken Offshore Service Manager Beatrice Offshore Windfarm Ltd +44 7921 836268 Barry.lucken@siemensgamesa.com | | | |



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2.5 Cathodic Protection

On behalf of BOWL, Moray First Marine will conduct cathodic protection surveys using a Remotely Operated Vehicle (ROV) at various foundation locations. The work is likely to take up to 3 weeks from 3rd June 2019.

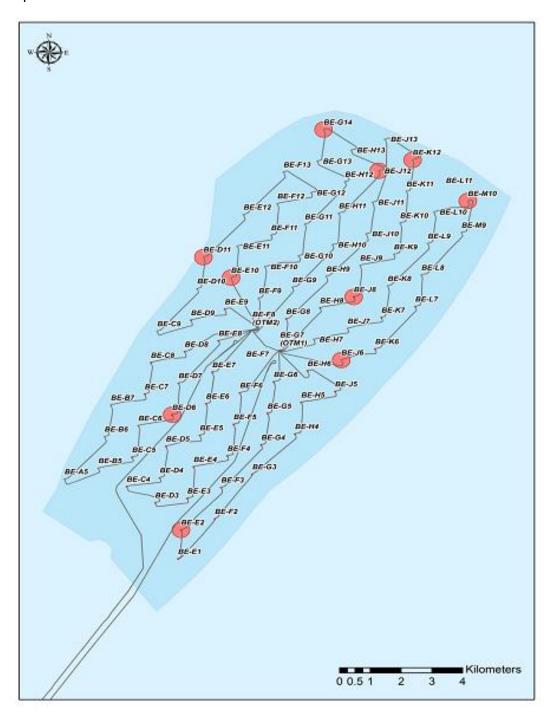


Fig 7. Cathodic Protection Survey Locations

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2.5.1 Vessels Engaged in Activity

| Waterfall | | | | |
|-------------------------------------|-------------------------------------|--|--|--|
| General Description and Dimensions: | Crew Transfer Vessel (CTV) | | | |
| General Description and Dimensions. | L: 25m / B: 11m | | | |
| Call Sign: | 2CBT4 | | | |
| MMSI: | 235071392 | | | |
| | Caroline Carslaw Asset Engineer | | | |
| | Beatrice Offshore Wind Farm Limited | | | |
| Onshore Representative: | T: +44 (0) 141 224 7780 | | | |
| | M: +44 (0) 7469 411 955 | | | |
| | E: caroline.carslaw@sse.com | | | |



2.6 Scientific Equipment

The following table shows the locations of the University of Aberdeen's scientific moorings, which are currently located within the construction site.

| Name | | d coordinates S84 datum) | Characteristics | | |
|------|--------------------------|-----------------------------|------------------------------|--|--|
| 160 | 58°17.648'N 002°49.931'W | | Subsurface with transponder | | |
| 161 | 58°13.000'N 002°56.011'W | | Subsurface with transponder. | | |
| 162 | 58°18.176'N | 002°54.124'W | Subsurface with transponder. | | |
| 164 | 58°12.817'N | 002°51.694'W | Subsurface with transponder | | |
| 146 | 58°15.231'N | 002°53.321'W | Subsurface with transponder | | |
| 150 | 58°16.660'N | 002°51.076′W | Subsurface with transponder | | |

The moorings support sound recording equipment and acoustic loggers that record echolocation clicks of dolphins and porpoises (see images as the foot of this notice) Subsurface moorings fitted with acoustic releases extend no more than three metres vertically from the seabed. Subsurface moorings without acoustic releases extend no more than two metres vertically from the seabed.

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A Notice to Mariners will be issued when the moorings are permanently discontinued.

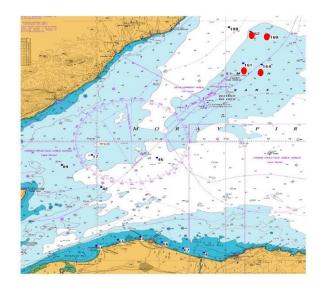
For information and enquiries please contact:

Tim Candido- Barton, Lighthouse Field Station, University of Aberdeen, George Street, Cromarty, Ross-shire, IV11 8YL.

Tel: +44 (0)1381 600548. <u>t.r.barton@abdn.ac.uk</u>



Fig. 8 Examples of equipment that the above moorings support



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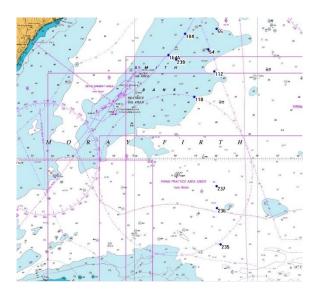


Fig. 9 Scientific equipment locations

3. General Safety Advice

All vessels engaged in the 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.

The Secretary of State has authorised the use of the following safety zones as per Notice to Mariners LF000005-NTM-004.

- 500 metres radius around each wind turbine, offshore transformer module and / or their substructures and foundations comprising the Beatrice Offshore Wind Farm whilst work is being performed as indicated by the presence of construction vessels.
- 2. 50 metres radius around each wind turbine, offshore transformer module and / or their substructure and foundations installed but waiting to be commissioned as part of the Beatrice Offshore Wind Farm.

ALL VESSELS ARE REQUESTED to give all construction and support vessels a wide berth.

MARINERS ARE REMINDED to navigate with caution and keep continued watch on VHF Ch. 70 / 16 when navigating the area.

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The Chart shown on page 19 below, shows the indicative transit routes and site entry gates for vessels entering the construction site from either the port of Wick (North) and Cromarty / Nigg (South) to avoid the highest density areas of static fishing gear.

4. Safety Zone Monitoring

Dedicated guard vessels have been utilised during all key construction activities on site, however now that the most vulnerable operations are complete, the guard duties covering the monitoring of Safety Zones, have been re-assigned to the Marine Coordination Centre (MCC) and other on-site vessels. The following conditions apply to ensure continuous monitoring during the remaining construction phase:

- Marine coordination undertaken in Wick from the established MCC, including 24-hour site monitoring via AIS and radar (both OTMs are fitted with AIS, X-band RADAR and marine VHF radios, including Digital Selective Calling (DSC));
- 500m safety zones around any structure where active construction work is ongoing (as denoted by the presence of a construction vessel);
- 50m safety zones around any finished structure up until the point of commissioning;
- All jackets have appropriate temporary or permanent lighting in operation;
- All jackets (both pre-and post-turbine installation) are marked with yellow paint as required;
- The agreed cardinal marks and special marks remain in place and will continue to be in place until the NLB are satisfied that final operational lighting and marking has been commissioned;
- The cardinal marks are broadcasting via AIS;
- Continued compliance with the BOWL Navigational Safety Plan
- The wind farm is marked on the appropriately scaled Admiralty Chart
- Weekly notices of operations and notices to mariners will continue to be issued, and notices will be submitted via Kingfisher bulletins where appropriate.

5. Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine. For any commercial fishery queries please contact:

Jen Miller Tel + 44 (0)1379 872144 Mobile +44 (0)7519 106002 jen.miller@brownmay.com

All vessels are to be aware that there has been increased fishing activity close to the BOWL site and vessels may encounter static fishing gear whilst transiting to and from the site. Vessels sheltering to the South and West of the site should pay particular attention and keep a sharp lookout for such static fishing gear. Vessels are reminded that there are recommended transit routes to site, which should help avoid the areas of known fishing activity. (See chart Page 19)

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6. 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.

7. Website

The official website of Beatrice Offshore Windfarm Limited can be found at:

https://www.beatricewind.com

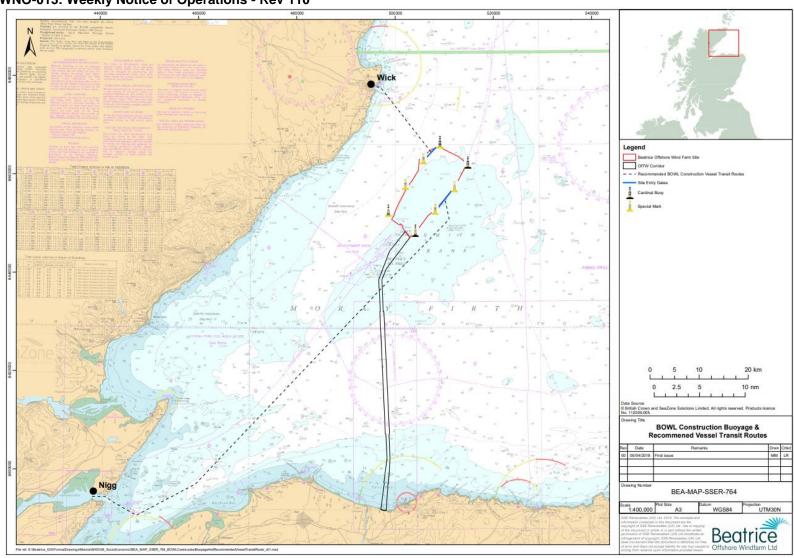
This contains all Notices to Mariners (NtM) published by BOWL and all Weekly Notices of Operations, together with a large amount of general information about the Project.

There is also a Twitter feed at https://twitter.com/beatricewind.

Beatrice Offshore Windfarm Limited Construction Operations



Issue Date: 17 June 2019



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| No P | Vessel Picture | Vessel Name / Flac | Type / Function | Operator | Contact / contact details | Call sign / MMSI / | LOA (m) Beam (m) Draft (m) | Date on Site | Marine Licence applicable |
|------|----------------|----------------------|-------------------------------|---|--|--------------------|-------------------------------|--------------|---------------------------|
| 1 | 58 | Seacat Intrepid | Crew Transfer Vessel / CTV | Seacat Services Ltd | Andrew Link Operations Manager, Seacat Services Ltd 2 Mariners Way, Cowes, Isle of Wight +44 (0)1983 475315 operations@seacatservices.co.uk | 2HWU6 / 235107284 | 27 x 10 x 1.5m | 25.09.2017 | OWF & OFTW |
| 2 | , de | Dalby Ribble | Crew Transfer Vessel / CTV | Seacat Services Ltd | John Davidson Siemens Transmission & Distribution Limited Princess Road Manchester M20 2UR, UK Tel.: +44 1614 466610 john.s.davidson@siemens.com | 2IVX5 / 235113236 | 25.75 x 10.06m | 01.07.2018 | OWF / OFTW |
| 3 | | CTV Seacat Mischief | Crew Transfer Vessel / CTV | Siemens Gamesa Renewable Energy (SGRE) | Barry Lucken Offshore Service Manager Beatrice Offshore Windfarm +44 7921 836268 barry.lucken@siemensgamesa.com | 2IXU5 / 235113651 | 24 x 8m | 15.08.2018 | OWF |
| 4 | | CTV Seacat Magic | Crew Transfer Vessel / CTV | Seacat Services Ltd | Andrew Link Operations Manager, Seacat Services Ltd 2 Mariners Way, Cowes, Isle of Wight +44 (0)1983 475315 operations@seacatservices.co.uk | 2DJI2 / 235114973 | 23 x 8 m | 16.01.2019 | OWF |
| 5 | | CTV Seacat Volunteer | Crew Transfer Vessel / CTV | Seacat Services Ltd | Andrew Link Operations Manager, Seacat Services Ltd 2 Mariners Way, Cowes, Isle of Wight +44 (0)1983 475315 operations@seacatservices.co.uk | 2HCP6 / 235102528 | 24 x 8 x 1.4m | 21.03.2019 | OWF |

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| No Pof | Vessel Picture | Vessel Name / Flac | Type / Function | Operator | Contact / contact details | _ | LOA (m) Beam (m) Draft (m) | Date on Site | Marine Licence applicable |
|--------|----------------|--------------------|------------------------------------|---------------|--|---------------------------------|-------------------------------|--------------|---------------------------|
| 6 | | Skandi Consrtuctor | Service Operations Vessel / SOV | DOF ASA Group | John Davidson Siemens Transmission & Distribution Limited Princess Road Manchester M20 2UR, UK Tel.: +44 1614 466610 iohn.s.davidson@siemens.com | C6ZH8 / 311055900 / 9431642 | 120 x 25 | 21.03.2019 | OFTW |
| 7 | | Rix Cheetah | Crew Transfer Vessel / CTV | Seaway 7 | Wick College Building 1st Floor, 1 The Shore, Wick Caithness Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | 2GGY7 / 235097312 IMO | 25 x 7m | 15.04.2019 | OWF |
| 8 | | Green Storm | Crew Transfer Vessel / CTV | Seaway 7 | Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | 2EXU3 / 235089035 / 9638240 | 25 x 10 m | 26.04.2019 | OWF |
| 9 | | Rix Lion | Crew Transfer Vessel / CTV | Seaway 7 | Wick College Building 1st Floor, 1 The Shore, Wick Caithness Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | 2HOH3 / 235105282 IMO9745706 | 26 x 10 x 2.5m | 06.05.2019 | OWF |
| 10 | | Rix Lynx | Crew Transfer Vessel / CTV | Seaway 7 | Wick College Building 1st Floor, 1 The Shore, Wick Caithness Scotland Email. beatrice-mc@subsea7.com Rene Alferink Tel + 31 630 405584 Vincent Van Velzen Tel + 31 630 406174 | 2JGQ6 / 235115745 IMO9802358 | 26 x 7.0 x 2.0m | 07.05.2019 | OWF |

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| No Pof | Vessel Picture | Vessel Name / Flag | Type / Function | Operator | Contact / contact details | Call sign / MMSI / IMO ▼ | LOA (m) Beam (m) Draft (m) | Date on Site | Marine Licence applicable |
|--------|--|--------------------|-------------------------------|----------------------|--|-----------------------------|-------------------------------|--------------|---------------------------|
| 11 | | Dalby Aire | Crew Transfer Vessel / CTV | Seacat Services Ltd | Andrew Link Operations Manager, Seacat Services Ltd 2 Mariners Way, Cowes, Isle of Wight +44 (0)1983 475315 operations@seacatservices.co.uk | 2GHE4 / 235097362 | 19 x 8 m | 07.05.2019 | OWF |
| 12 | | Tenacity | Crew Transfer Vessel / CTV | Coastal Charters Ltd | Stephen J Beadsmoore Coastal Charters Ltd of o SB Engineering Joseph Noble Road Lillyhall Ind. Estate Workington Cumbria CA14 4JX Tel 01900 871471 email: coastalcharters@waveaccess.co.uk | 2HPF8 / 235105502 | 24 x 4 m | 13.05.2019 | OWF |
| 13 | Section of the sectio | Waterfall | Workboat, UK MCA Cat.2 C | Moray First Marine | Caroline Carslaw Asset Engineer Beatrice Offshore Windfarm 1 Waterloo Street Glasgow G2 6AY caroline.carslaw@sse.com Tel +44 141 224 7780 | 2CBT4 / 235071392 | 15 x 6m | 03.06.2019 | OWF |