

# NOTICE TO MARINERS

## Notice to Activities Associated with the Development of Beatrice Offshore Wind Farm

Date of Issue	01 July 2018	Notice Number	LF000005-NTM-049
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Please promulgate the following as a Notice to Mariners:

### BOWL Offshore Installation of wind turbine.

Siemens Gamesa Renewable Energy (SGRE) will supply and install 84 x 7.0 MW wind turbines in the Beatrice Offshore Windfarm (BOWL).

Wind turbine installation and commissioning works will commence offshore during July 2018, with finalization of the installation in spring 2019.

#### 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 (Day Operations)	+44 (0) 3302 020329
Emergency Contact (24/7)	+44 (0) 7342 028207
Email for Marine Coordinator	<a href="mailto:MC.Bowl@sse.com">MC.Bowl@sse.com</a>
Address	Unit 1 Harbour Office Wick Caithness KW1 5HA

#### 2. Area of Planned Activity

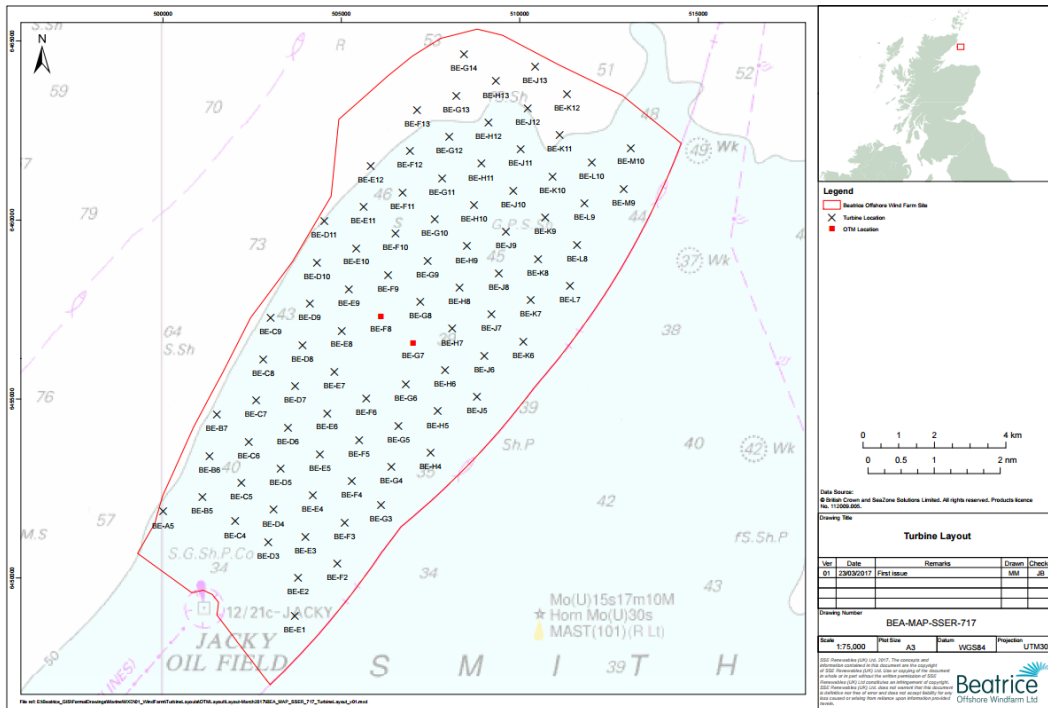


Fig 1. Locations of WTGs in the BOWL construction site

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## 3. Activity Description

On behalf of BOWL, Siemens Gamesa Renewable Energy (SGRE) will supply 84 x SWT -7.0-154, 7MW Wind Turbine Generators to the laydown and assembly yard at Nigg Energy Park, in the Moray Firth.

Following pre-assembly, five sets of WTGs will be loaded onto the Offshore Installation / Jack up Vessel “Pacific Orca”. The vessel will transport the WTGs to the BOWL construction site, installing each of the structures in a pre-programmed installation sequence.

The installation programme will commence in July 2018 and will continue to completion in Spring 2019.

The commissioning works will be carried out using a combination of the Walk to Work (W2W) vessel “Island Crown” and the Crew Transfer Vessels (CTV), “Fob Swath 3” and “Seacat Resolute”.

SGRE will also install and commission the Supervisory Control and Data Acquisition (SCADA) system for the operation of the WTGs.



**Fig 2.** Siemens SWT-7.0-154 WTG

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## 4. Vessels Associated with the Activity


The vessels involved with the described operation are the Seajacks Hydra and the Island Crown.


<b>Pacific Orca</b>	
<b>General Description and Dimensions:</b>	Offshore Installation / Jack up Vessel 161m x 49m
<b>Call Sign:</b>	5BRE3
<b>MMSI:</b>	210548000
<b>Onshore Representative:</b>	Gert Christensen, Marine Operation Manager Siemens Gamesa Renewable Energy A/S Fiskergade 1-9, 7100 Vejle, Denmark Mobile: +45 24295577 mailto:gert.christensen@siemensgamesa.com



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<b>Island Crown</b>	
<b>General Description and Dimensions:</b>	Accommodation and 'Walk to Work' vessel L:96.8m / B:20m
<b>Call Sign:</b>	LACO8
<b>MMSI:</b>	257245000
<b>Onshore Representative:</b>	Gert Christensen, Marine Operation Manager Siemens Gamesa Renewable Energy A/S Fiskergade 1-9, 7100 Vejle, Denmark Mobile: +45 24295577 mailto:gert.christensen@siemensgamesa.com
	

<b>Fob Swath 3</b>	
<b>General Description and Dimensions:</b>	Crew Transfer Vesel (CTV) L: 25m / B: 11m
<b>Call Sign:</b>	OJWY2
<b>MMSI:</b>	219460000
<b>Onshore Representative:</b>	Gert Christensen, Marine Operation Manager Siemens Gamesa Renewable Energy A/S Fiskergade 1-9, 7100 Vejle, Denmark Mobile: +45 24295577 mailto:gert.christensen@siemensgamesa.com
	

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<b>Seacat Resolute</b>	
<b>General Description and Dimensions:</b>	Crew Transfer Vesel (CTV) L: 25m / B: 11m
<b>Call Sign:</b>	2FWR9
<b>MMSI:</b>	235094873
<b>Onshore Representative:</b>	Gert Christensen, Marine Operation Manager Siemens Gamesa Renewable Energy A/S Fiskergade 1-9, 7100 Vejle, Denmark Mobile: +45 24295577 mailto:gert.christensen@siemensgamesa.com
	

## 5. Crew transfers

Transfers of personnel to Transition pieces (TP), will be carried out either by Island Crown W2W vessel or CTV's.

Transfers of vessel and project crew to/from onshore will be carried out either by CTV or helicopter or where possible during port calls.

## 6. Adverse Weather Conditions

Should adverse weather occur during the installation and commissioning works, the Pacific Orca and the Island Crown will cease operation and hold position until suitable working weather returns. Evacuation from site to a safe port of refuge will only be undertaken during periods of exceptional weather.

## 7. 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.

Use of Safety Zones within the Beatrice Offshore Windfarm Construction Area:

The Secretary of State for Business, Energy and Industrial Strategy (BEIS) has approved the use of safety zones under the Energy Act 2004 for the installation of wind turbines and offshore transformer module  
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foundations/substructures within the Beatrice Offshore Windfarm. The approval was granted on the 17th March 2017.

The Secretary of State has declared Safety Zones under the following terms: During Construction

- 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.
- It is noted that the 500 metre safety zones will roll with the installation activity with no more than two construction vessels working at any one time. Vessels are advised that anchors associated with the construction vessels may extend outside of the 500 metre safety zone.
- A 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.
- Positions of foundations and Wind Turbine Generators installed will be promulgated within the Weekly Notice of Operations.
- Only vessels associated with the Beatrice Offshore Wind Farm construction may enter statutory Safety Zones with prior permission.
- 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.
- Further information on the application of Safety Zones can be obtained from the Marine Coordinator. Users are advised to keep clear of construction activities, including Safety Zones, within the Beatrice Offshore Windfarm construction area in line with Marine Guidance Note 372.

**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.

## 8. Dedicated Guard Vessels

There are two guard vessels stationed, one to the North and one to the South of the construction site. These guard vessels change out on a regular basis.

All vessels can be contacted on VHF CH16 and VHF DSC CH70

## 9. Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine. For any commercial fishery queries please contact: Alex Winrow-Giffin, telephone: +44 (0)1379 872144 and mobile: +44 (0)7760 160039 or email: alex@brownmay.com

## 10. 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.

A copy of this notice can also be found at <https://www.beatricewind.com/>