

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

Date of Issue	11 <sup>th</sup> September 2017	Notice Number	LF000005-NTM-014
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### Export Cable Installation Stage 1 – Installation of Horizontal Cable Pipes

Under water operations including Diving, Tunnelling & Seabed Preparation.

Work Planned for the Period of 13<sup>th</sup> September 2017 to 1<sup>st</sup> October 2017

#### 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.

Working VHF Channel	N/A
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

Portgordon, near Buckie approximately 420-450m from the Portgordon Beach.

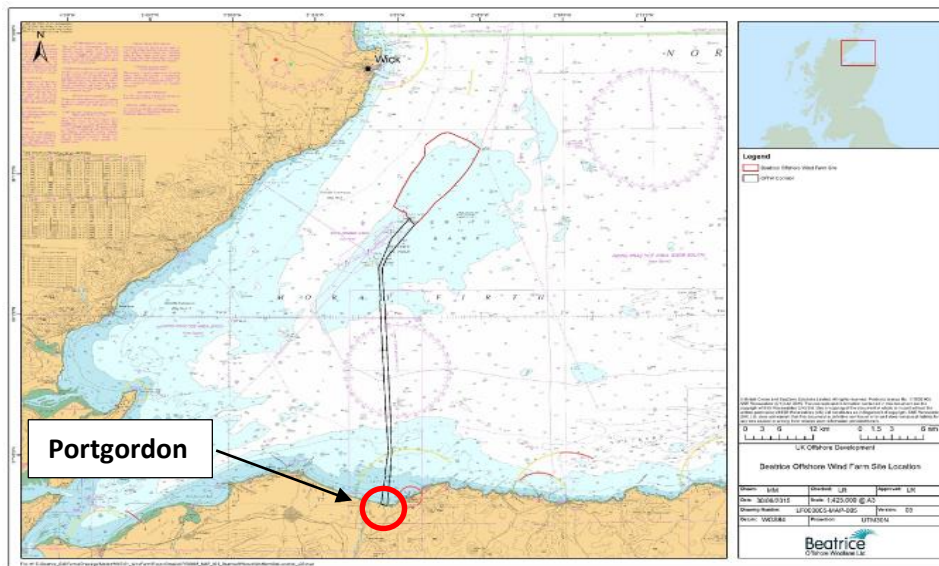


Fig.1 Portgordon work location.

# NOTICE TO MARINERS

Jack Up Barge Location	Latitude WGS84	Longitude WGS84
EC2	57° 40.143'N	003° 02.655'W

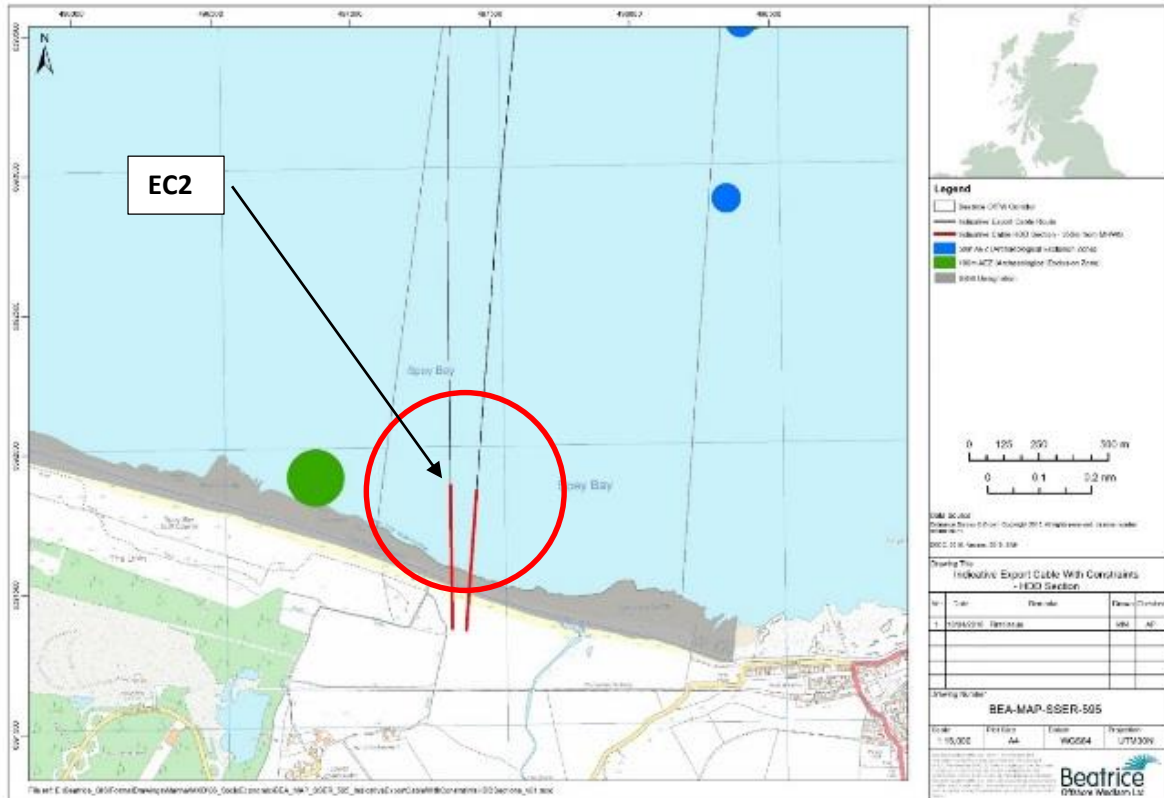


Fig.2 EC2 work location is approximately 420-450m from the Portgordon Beach near Buckie.

# NOTICE TO MARINERS

## 3. Vessels Associated with the Activity

The vessels that are involved with the described operation are the Jack-up Barge **Haven Seariser 1**, the **Forth Constructor** a Multicat work vessel and the Crew Transfer Vessel the **Skua**.

Haven Seariser 1	
<b>General Description and Dimensions:</b>	Jack Up Barge, L:29.6 / B:17.07 / D:2.44
<b>Call Sign:</b>	N/A
<b>MMSI:</b>	N/A
<b>Onshore Representative:</b>	Øyvind Haug BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09



MV Skua	
<b>General Description and Dimensions:</b>	Crew Transfer Vessel, L:10.5m B:3.51m D:1.1m
<b>Call Sign:</b>	N/A
<b>MMSI:</b>	N/A
<b>Onshore Representative:</b>	Øyvind Haug BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09



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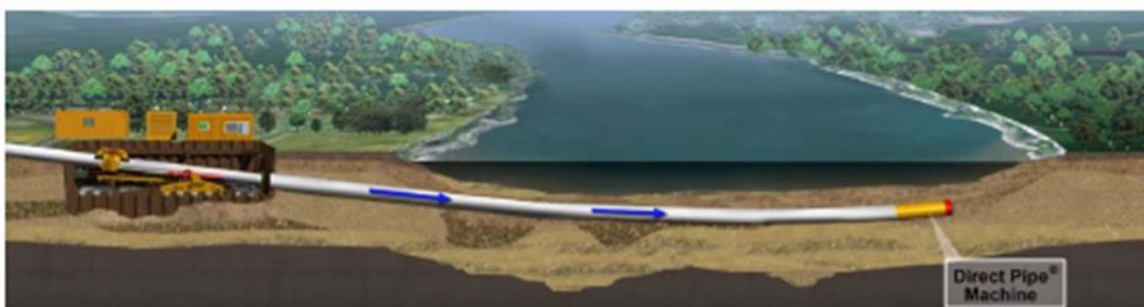
Forth Constructor	
General Description and Dimensions:	Multicat Work Vessel.L:28.50m B:9.45m D:4.27m
Call Sign:	GXAD
MMSI:	235004217
Onshore Representative:	Øyvind Haug BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09



## 4. Activity Description

BOWL intends to install the export cables beneath Portgordon Beach. Pre-installed horizontal cable pipes require to be installed from the shoreline to an offshore exit point. These pipes are installed using a micro-tunnelling machine pushed through the ground beneath the seabed. At the exit points approximately 420-450m offshore, the removal of the Tunnelling tool and excavation works associated with this operation will take place. During this period Diving & Underwater operations shall be conducted.

The micro-tunnelling machine and pipeline behind it are pushed into the ground from onshore by a pipe thruster from a launch pit. The cutting wheel at the machines head breaks down and removes the material as it is directed along the determined route beneath the seabed.

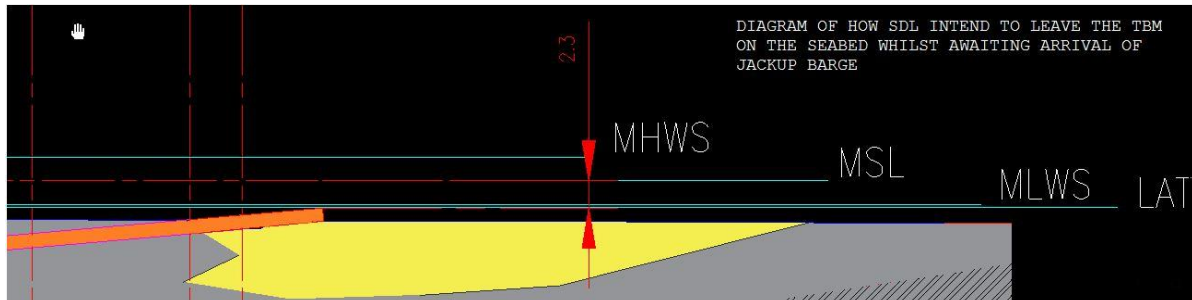


**Fig.3 Direct Pipe Drilling.**

LF000005-NTM-007 Notice to Mariners\_ Direct Pipe Export Cable Entry Points at Portgordon

# NOTICE TO MARINERS

The drill machine is disconnected once it reaches the appropriate distance offshore and is recovered by divers or crane barge once it reaches the outfall. The pipe opening is then sealed to prevent sediment entering the pipeline.



**Fig.4 Direct Pipe Pop Out.**

## 5. 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.

Whilst diving operations are ongoing from the Haven Seariser 1 it would be prudent for all vessels in the area to give the Haven Seariser 1 a wide berth of at least 500m, the support vessel will be used to monitor the area and warn other sea area users.

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 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 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.

# NOTICE TO MARINERS

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.

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 as necessary.

## **6. Dedicated Guard Vessel**

N/A but the Crew Transfer Vessel "Skua" and Multicat Vessel "Forth Constructor" will be in attendance alongside the Jack-up barge Haven Seariser 1. All vessels can be contacted on VHF CH16.

## **7. 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

## **8. 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/>