

# NOTICE TO MARINERS

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

Date of Issue	18th December 2017	Notice Number	LF000005-NTM-034 Rev 01
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Please promulgate the following as a Notice to Mariners:

### **BOWL Export Cable EC1. Rock Emplacement Operations**

The rock emplacement campaign for the installation of the first of two export cables (EC1) in the Beatrice Offshore Windfarm export corridors and construction site will commence around 21st December 2017.

The installation of rock protection will be restricted to KP67 to KP63 within the array, and KP32 to KP39.2 and KP10.8 to KP3.3 in the export cable corridor.

The estimated duration of work associated with the rock placement campaign is 10 days un-weathered.

An update to this Notice will be issued once the 'as laid' data is available.

#### **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

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## 2. Area of Planned Activity

The following figure shows the area of the planned activity.

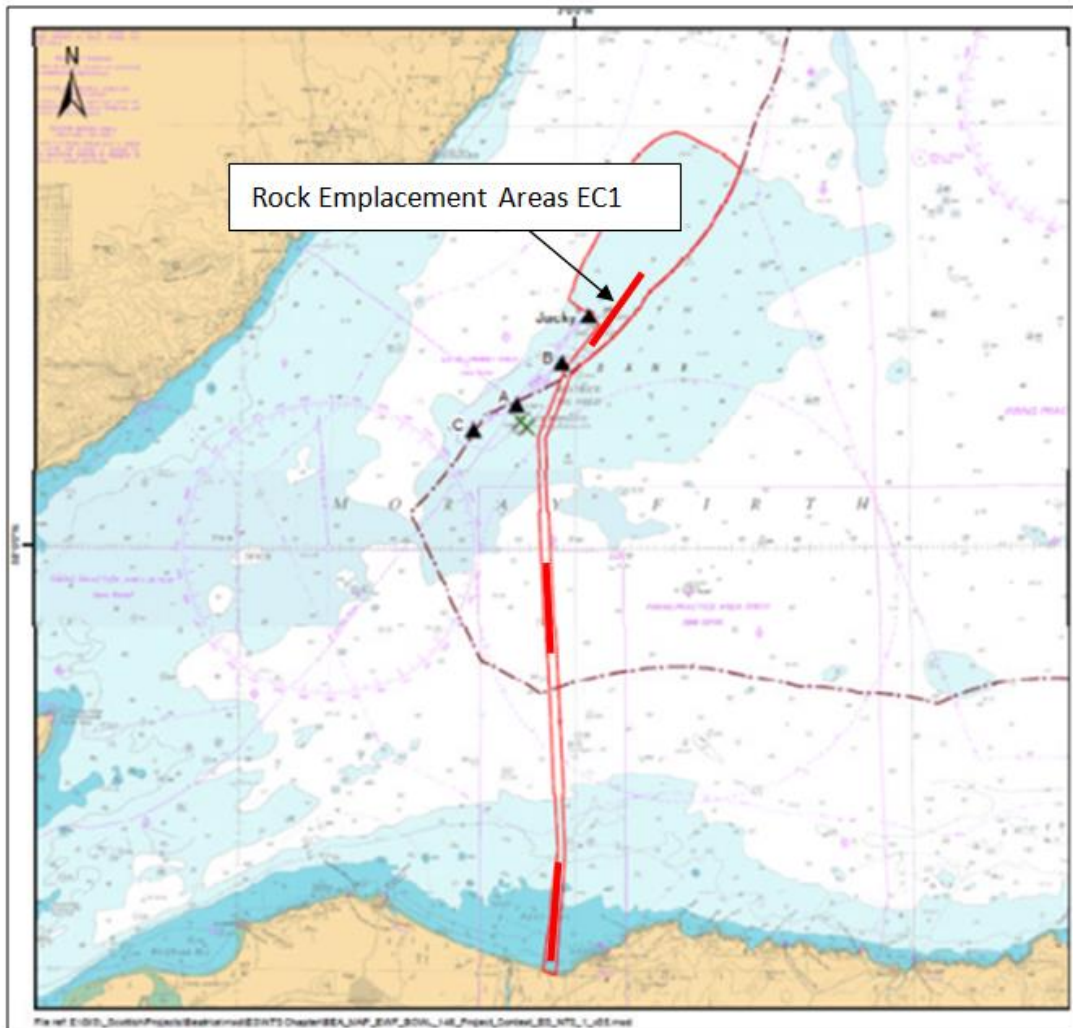


Fig. 1 The locations of rock emplacement operations for cable EC1 are shown in red.

## 3. Activity Description

On behalf of BOWL, Nexans Norway AS using the FPV Rockpiper, will install 8” grade rock in the following KP intervals:

Start KP	End KP	Start Lat / Long	End Lat / Long	Comments
3.358	10.753	57° 41.636' N 003° 02.168' W	57° 45.782' N 003° 02.168' W	Nearshore
32.547	39.173	057° 57.304' N 003° 02.193' W	58° 00.868' N 003° 02.515' W	Includes inline joint
63.061	67.000	58° 12.506' N 002° 54.856' W	58° 14.447' N 002° 53.353' W	Within array area

WGS84, UTM Zone 30N

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The rock emplacement operation will be supported by guard vessel Seagull / BF74 between KP 4 to KP 11, and by the guard vessel Morning Dawn / PD359 in the Southern sector of the wind farm array. After rock emplacement is completed, the guard vessel between KP 3.3 to KP 11 will be released.

The guard vessel within the wind farm array will remain until the pull-in operations at the exposed wet stored cable-end close to the Offshore Transmission Module (OTM) commence. This is planned for January 2018.


#### 4. Vessels Associated with the Activity


The vessels that are associated with the described operation are the FPV Rockpiper and the guard vessels Seagull / BF74 and Morning Dawn / PD359.

FPV Rockpiper	
<b>General Description and Dimensions:</b>	Rock dumper L:158.6m / B:36m
<b>Call Sign:</b>	5BML3
<b>MMSI:</b>	209449000
<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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GV Seagull BF74	
<b>General Description and Dimensions:</b>	Guard Vessel, L:27.41m / B: 8.52m / D: 4.9m
<b>Call Sign:</b>	MVB02
<b>MMSI:</b>	233714000
<b>Onshore Representative:</b>	Øyvind Haug BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09
	

GV Morning Dawn PD359	
<b>General Description and Dimensions:</b>	Guard vessel, L 44.98m, B9.00 m,
<b>Call sign</b>	MHEU3
<b>MMSI</b>	232253000
<b>Onshore representative</b>	Øyvind Haug – Nexans Norway AS BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09
	

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## 5. Crew transfers

None anticipated.

## 6. Adverse Weather Conditions

Should adverse weather occur during the rock emplacement, the FPV Rockpiper will cease rock emplacement activities, recover the fall pipe, and remain on station until suitable working weather resumes.

The operational limits for the FPV Rockpiper during trenching operations are listed below:

Weather limit	Rock emplacement <20m WD	Rock emplacement >20m WD	Standby Onsite
Max Wind Force	11-16 knots	35 knots	40-50 knots
Max Wave Height, Hs	1.0 m	3.0 m	3.0 – 4.0 m

## 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 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.



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- 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.

**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

Seagull / BF74 will be in attendance between KP 3.3 to KP11.00. Morning Dawn / PD359 will remain in the South of the array operational area to protect the wet-stored cable end. Guard vessels may vary during operations.

All vessels can be contacted on VHF CH16

## 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](mailto: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.

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