

Notice to Mariners

Date of Notice	23.10.2017
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Please promulgate the following as a notice to mariners:

Inter Array Cable Pre Lay Grapnel Run (PLGR) campaign

In preparation for the installation of the inter-array cables in the Beatrice Offshore Windfarm construction site, it is a requirement that the cable routes be free from debris. In this respect the work listed here is due to be carried out as described below.

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.

BOWL Marine Coordinator
 Beatrice Offshore Windfarm Limited
 Unit 1
 Harbour Office
 Wick
 Caithness
 KW1 5HA

email: mc.bowl@sse.com
 phone: +44 (0) 3302020329
 web site: www.beatricewind.com

2. Area of Planned Activity

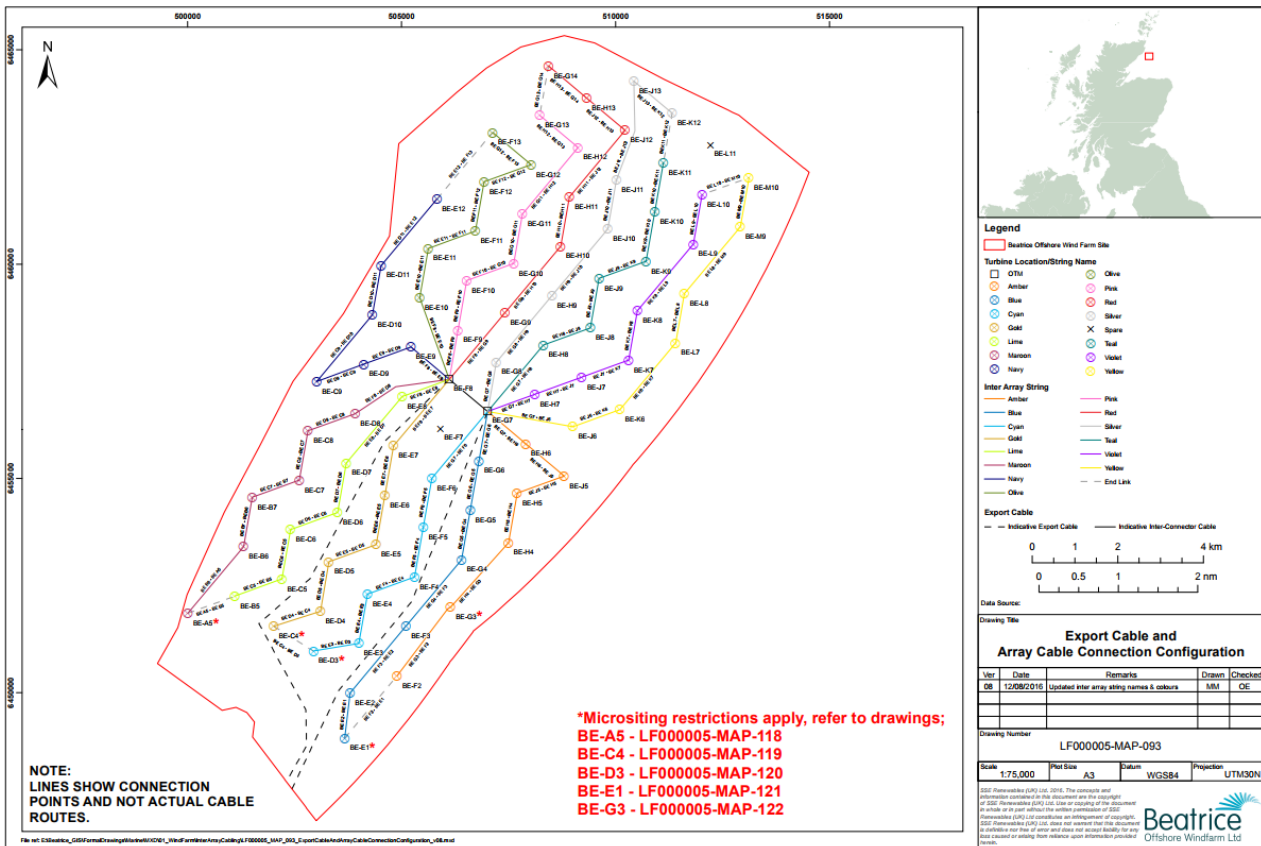


Fig 1 Array Cable connection configuration

3. Vessel Associated with the Activity

The vessel conducting the PLGR operation is the AHTS Blue Alfa

AHTS Blue Alfa	
General Description and Dimensions:	Length overall 65.60 m Breadth moulded 15.00 m Draft max. 5.98 m
Call Sign:	OXUZ2
MMSI:	219189000
On Board Contact:	V-Sat phone: +45 82136047
Offshore Manager / Party Chief:	Captain Mobile: +45 51777025
E-mail:	-
Onshore Representative:	Pia Andersen (pa@bluestarline.com) +45 63600052



4. Activity Description

On behalf of BOWL, Seaway Heavy Lifting will deploy one vessel, the Blue Alfa to carry out the aforementioned work during the period 28/10/2017 – 10/11/2017. To ensure its effectiveness the, this work will be conducted less than 28 days before start of cable installation

Pre-Lay Grapnel Run (PLGR) is to be performed where new power cable will be protected by jetting. This is to ensure that the burial area is clear of debris. The operation has the aim of clearing any debris (such as discarded rope or fishing nets) from the route, to prevent damage to the jetting tool, or any hindrance to the burial.

PLGR will be carried out to a minimum depth of 0.5 m into the seabed, along the centreline of the inter array cable routes. The total length of the cable routes is approximately 140.1 km.

A diagram of the grapnels and arrangement is shown below. There is no weak link in this rigging.



Fig 2 Grapnel Array

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.

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.

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.

6. Dedicated Guard Vessel

At present the Guard Vessels in place at Beatrice Offshore Windfarm Development Site include the Seagull BF72 and Sardonyx II BF206.

Currently Guard Vessels rotate every 21 days with two permanently on location and can be contacted on VHF Ch. 16.

Updates on Guard Vessels on location will be promulgated within the Weekly Notice of Operations.

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.

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/>