

# NOTICE TO MARINERS

## Notice of activities associated with operations on Beatrice Offshore Wind Farm

Date of Issue	17/04/2022	Notice Number	NTM-BE-00032 Rev 01
---------------	------------	---------------	---------------------

### **BOWL U.S.V. Subsea Survey using XOcean-X15 (UNCREWED).**

#### **Contact Details for Marine Coordination and Fisheries Liaison**

The following contact can provide more information if required:

Telephone Number (Day Operations)	+44 (0) 2392 272104
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	Grey Coast Building Harbour Quay WICK Caithness KW1 5ET

For all fisheries enquiries, please contact the parties listed below:

Primary Contact	Alex Winrow-Giffin - <a href="mailto:alex@brownmay.com">alex@brownmay.com</a> +44 (0) 7760 160039
Secondary Contact	John Watt – <a href="mailto:john.watt@brownmay.com">john.watt@brownmay.com</a> +44 (0) 7590 880746
Address	Brown and May Marine Progress Way Mid Suffolk Business Park Eye, Suffolk IP23 7HU

#### **1. Area of Planned Activity**

On behalf of BOWL, autonomous vessel XOcean X15 will conduct non-intrusive unmanned surveys of all wind farm inter-array cables listed in Table 1 and WTG locations. Operations are due to commence 20<sup>th</sup> April for a duration of circa 7 days on a 24hr basis dependant on weather.

The USV sends real time images and situation awareness data over satellite to a team of operators keeping watch and controlling the vessel remotely 24/7 from a manned control room. A support vessel, which is to be confirmed, will escort the USV from Wick Harbour to open water and be available on standby throughout the campaign.

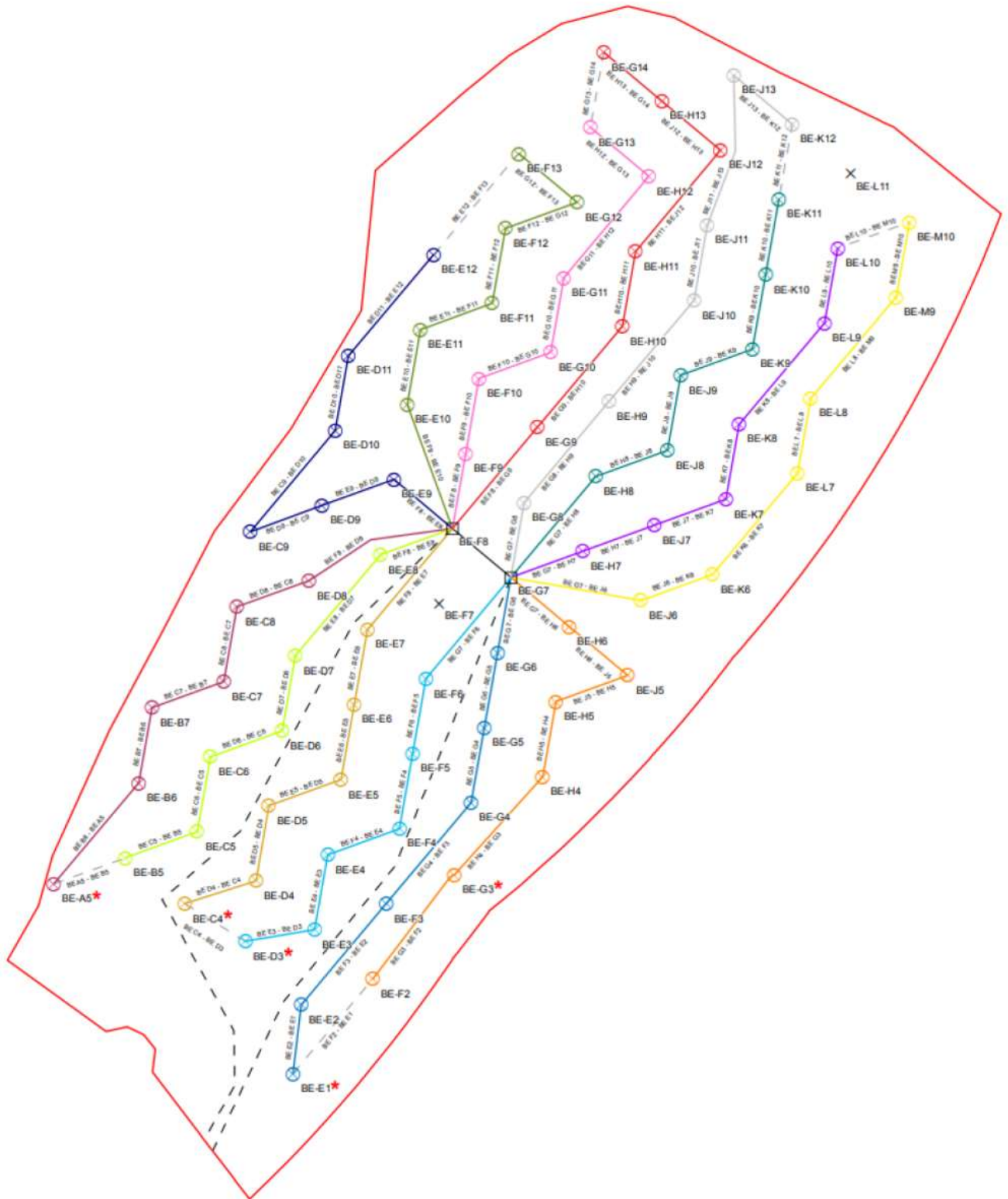


Figure 1- Array Cable Routes for Survey (Scope E)

# NOTICE TO MARINERS – NTM-BE-00032 Rev 01

Table 1- Scope E Cable Survey Routes

Inter-Array Cable	String	KP1 (m)	KP2 (m)	Range(m)
BE-H6-BE-J5	Amber	0.06	1.51	1450
BE-G7-BE-H6	Amber	0.05	1.6	1550
BE-J5-BE-H5	Amber	0.05	1.29	1240
BE-G3-BE-F2	Amber	0.05	1.2	1150
BE-F2 - BE-E1	Amber/Blue	0.05	1.9	1850
BE-G7-BE-G6	Blue	0.03	1.2	1170
BE-G6-BE-G5	Blue	0.05	1.24	1190
BE-G5-BE-G4	Blue	0.05	1.24	1190
BE-F3-BE-E2	Blue	0.05	1.6	1550
BE-G7-BE-F6	Cyan	0.05	2.5	2450
BE-F6-BE-F5	Cyan	0.05	1.24	1190
BE-E4-BE-E3	Cyan	0.05	1.2	1150
BE-E3-BE-D3	Cyan	0.05	1.3	1250
BE-F8-BE-E7	Gold	0.05	2.1	2050
BE-E7-BE-E6	Gold	0.05	1.24	1190
BE-D5-BE-D4	Gold	0.05	1.24	1190
BE-D4-BE-C4	Gold	0.05	1.24	1190
BE-H8-BE-J8	Teal	0.67	1.08	410
BE-G7-BE-H8	Teal	0.05	2.1	2050
BE-F8-BE-E8	Lime	0.05	1.15	1100
BE-E8-BE-D7	Lime	0.05	2.1	2050
BE-D7-BE-D6	Lime	0.05	1.25	1200
BE-D6-BE-C6	Lime	0.05	1.25	1200
BE-C6-BE-C5	Lime	0.05	1.24	1190
BE-C5-BE-B5	Lime	0.05	1.25	1200
BE-G7-BE-H7	Violet	0.05	1.25	1200
BE-H7-BE-J7	Violet	0.05	1.25	1200
BE-J7-BE-K7	Violet	0.05	1.25	1200
BE-F8-BE-D8	Maroon	0.05	1.25	1200
BE-D8-BE-C8	Maroon	0.05	1.35	1300
BE-C8-BE-C7	Maroon	0.05	1.22	1170
BE-B7-BE-B6	Maroon	0.05	1.22	1170
BE-E9-BE-D9	Navy	0.05	1.35	1300
BE-C9-BE-D10	Navy	0.05	2	1950
BE-J6-BE-K6	Yellow	0.03	1.21	1180
BE-K6-BE-L7	Yellow	0.25	2.5	2250
BE-G7-BE-J6	Yellow	0.05	2.25	2200
BE-K8-BE-L9	Violet	1.06	1.92	860
BE-L9-BE-L10	Violet	0.4	0.98	580
BE-L8-BE-M9	Yellow	0.06	0.97	910
BE-L10 - BE-M10	Violet/Yellow	0.03	0.54	510
BE-K7-BE-K8	Violet	0.05	1.225	1175
BE-M9-BE-M10	Yellow	0.05	1.45	1400
BE-A5 - BE-B5	Lime/Maroon	0.05	1.44	1390
BE-F8-BE-E10	Olive	0.05	2.22	2170
BE-E10-BE-E11	Olive	0.05	1.25	1200
BE-E11-BE-F11	Olive	0.05	1.29	1240
BE-F12-BE-G12	Olive	0.05	1.29	1240
BE-K9-BE-K10	Teal	0.05	1.25	1200

## NOTICE TO MARINERS – NTM-BE-00032 Rev 01

BE-K10-BE-K11	Teal	0.05	1.257	1207
BE-D10-BE-D11	Navy	0.05	1.24	1190
BE-D11-BE-E12	Navy	0.05	2.1	2050
BE-G10-BE-G11	Pink	0.05	1.23	1180
BE-G11-BE-H12	Pink	0.05	2.5	2450
BE-G13-BE-G14	Pink	0.05	1.23	1180
BE-E12-BE-F13	Olive/Navy	0.05	2.1	2050
BE-H11-BE-J12	Red	0.39	2.03	1640
BE-J12-BE-H13	Red	0.15	0.81	660
BE-J13-BE-K12	Silver	0.08	1.43	1350
BE-F8-BE-G9	Red	0.05	2.2	2150
BE-G9-BE-H10	Red	0.05	2.1	2050
BE-H10-BE-H11	Red	0.05	1.25	1200
BE-H13-BE-G14	Red	0.05	1.49	1440
BE-G8-BE-H9	Silver	0.05	2.5	2450
BE-J11-BE-J13	Silver	0.05	2.42	2370

2. Vessel associated with this Activity

XOcean X15 (UNCREWED)	
<b>General Description and Dimensions:</b>	4.5m Uncrewed Surface Vessel
<b>Call Sign:</b>	MJCG3
<b>MMSI:</b>	232035682
<b>Onshore Representative:</b>	Beatrice Offshore Windfarm Grey Coast Building Harbour Quay WICK Caithness, KW1 5ET Martin Sutherland – SSE Renewables Tel: 07384241258 Email: Martin.Sutherland@sse.com



3. General Safety Advice

Operations will take place subject to weather.

Safety precautions: the USV is equipped with the following to make it conspicuous to other marine traffic:

- AIS
- Navigational Lights and Sound Signal
- Active Radar Reflector

# NOTICE TO MARINERS – NTM-BE-00032 Rev 01

- Superstructure painted yellow

A support vessel will escort the USV from Wick Harbour to open water and be available on standby throughout the campaign.

Although the vessel is unmanned, it is crewed 24/7, piloted remotely using 360 degree cameras and other navigational aids.

**ALL VESSELS ARE REQUESTED** to give XOcean X15 a wide berth whilst surveying. Seafarers are asked to avoid contact with the vessel and be aware of the operational area during this period.

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

## 4. 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 Tel Mobile +44 (0) 7760 160039 [alex@brownmay.com](mailto:alex@brownmay.com)

John Watt Tel Mobile +44 (0) 7590 880746 [john.watt@brownmay.com](mailto:john.watt@brownmay.com)

## 5. 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/>