

# NOTICE TO MARINERS

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

|               |            |               |              |
|---------------|------------|---------------|--------------|
| Date of Issue | 07/04/2022 | Notice Number | NTM-BE-00032 |
|---------------|------------|---------------|--------------|

### **BOWL U.S.V. Subsea Survey using XOcean-X14 (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<br>Harbour Quay<br>WICK<br>Caithness<br>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><br>+44 (0) 7760 160039  |
| Secondary Contact | John Watt – <a href="mailto:john.watt@brownmay.com">john.watt@brownmay.com</a><br>+44 (0) 7590 880746 |
| Address           | Brown and May<br>Marine Progress Way<br>Mid Suffolk Business<br>Park Eye, Suffolk<br>IP23 7HU         |

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

On behalf of BOWL, autonomous vessel XOcean X14 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.



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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     |

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|               |            |      |       |      |
|---------------|------------|------|-------|------|
| 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 X14 (UNCREWED)                      |   |
|--|---|
| <b>General Description and Dimensions:</b> | 4.5m Uncrewed Surface Vessel  |
| <b>Call Sign:</b>                          | MJCF8   |
| <b>MMSI:</b>                               | 232035680   |
| <b>Onshore Representative:</b>             | Beatrice Offshore Windfarm<br>Grey Coast Building<br>Harbour Quay<br>WICK<br>Caithness, KW1 5ET<br>Martin Sutherland – SSE Renewables<br>Tel: 07384241258<br>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

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- 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 X14 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/>