**Notice to Mariners**

**Daniel Wise**
Innovation Centre
Hatston
01856 851641
d.wise@orbitalmarine.com

ORBITAL MARINE POWER

**NOTES**

**Coordinate System: World Geodetic System 1984 [WGS84]**
**Marine Licence – 07168/20/0**

**Details of works programme including period & purpose**

## O2 Tidal Turbine Tow and Berthing Operations:

**Vessel: C Horizon –Operated by Leask Marine Call sign MOSX6**
**O2 Turbine AIS AtoN MMSI No :** 992351345
**O2 Turbine AIS AtoN Name :** O2 Tidal Turbine
**Support vessels: Straumr; Efja**

**Operations:** Berthing O2 turbine at Berth 3 Hatston, turbine movements within berth 3 area
**Dates: November 20th through to November 22nd**

**Positions of maximum extent of projected works**

This position marks the O2 turbine where the tow will commence from **Inganess Bay**

**58° 58.249'N 002° 53.860'W**

Towing route through Shapinsay Sound. into Kirkwall Bay via the String into Hatston Berth 3. The Mooring off Crow Ness will be used during operations to switch berthing orientation and for weather contingency.

**Details of lights, buoys and other navigational aids**

Length of tow <200m.

**O2 Marking at Mooring / Hatston Berth 3**

The turbine will be predominantly yellow in colour and has a freeboard of 1.5m.

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|---|---|---|
| **Character of Light** | **:** | 2 x synchronised Fl. Y. 3s |
| **Range of Light** | **:** | 3 nautical miles |
| **Elevation of Light** | **:** | 5 metres above waterline |
| **Note (Light)** | **:** | One light at each end of the device (72m) |
| **Colour of Device** | **:** | Yellow above the waterline |
| **AIS AtoN MMSI No** | **:** | 992351345 |
| **AIS AtoN Name** | **:** | O2 Tidal Turbine |

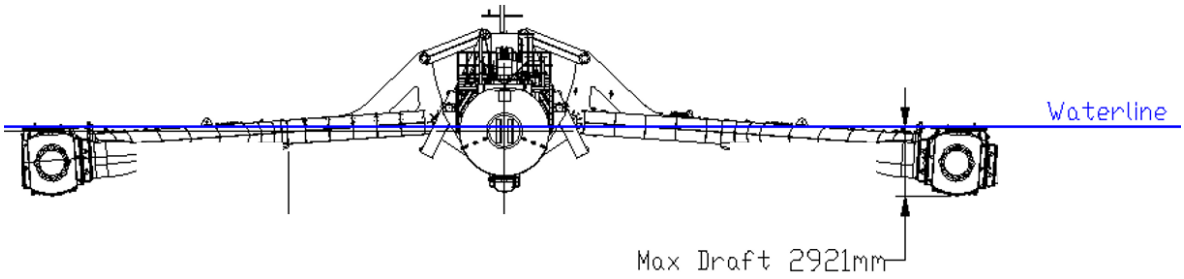
Two radar reflectors situated at either end of the turbine to provide a clear radar presence.

**Details of any areas to be avoided**


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Towing/berthing configuration will have blades removed giving a total beam of 40m

40m beam






**INSTRUCTIONS TO VESSELS**

VTS will be informed of all movements.

Vessel will maintain listening watch on CH16 and CH11 at all times.

Please give the operations a wide berth and reduce vessel wake when in vicinity of berth 3 at Hatston during operations.

Mariners are asked to pass the area adjacent to Hatston Berth 3 at such a speed as to create minimal wake during where Diving operation and Lifting Operations will be undertaken.

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| **Name:** | Daniel Wise | **Contact** | d.wise@orbitalmarine.com | **Date:** | 19/11/2026 |