

Issue Date	10/07/2023
Activity	Maintenance of Floating LiDAR and Metocean Equipment
Notice to Mariners Number	3
Revision	1
Document Reference	MCW-GEN-PMG-COM-IBR-000003
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## SUMMARY

A floating LiDAR buoy, surface metocean equipment buoys and seabed landers were deployed at two sites to assist with the development of MachairWind Offshore Wind Farm ('the Project') between 28<sup>th</sup> April – 29<sup>th</sup> April 2023. Scheduled maintenance works on the floating LiDAR buoy and metocean equipment will be undertaken by Fugro no earlier than the 17<sup>th</sup> July 2023. Details of the vessel that will be used to complete these maintenance works will be communicated at a later date in a revision of this notice to mariners.

**Mariners are requested to maintain a distance of 500 metres from the deployed equipment and maintenance vessel**

## ACTIVITY DESCRIPTION

The floating LiDAR buoy, surface metocean equipment buoys and seabed landers will be temporarily retrieved to the deck of the vessel to enable scheduled maintenance works to be completed. The Floating LiDAR buoy and metocean equipment will then be redeployed as close to the initial deployment locations as possible. A revision of this notice to mariners will be distributed providing confirmation of the deployment coordinates following the maintenance works. The maintenance vessel will be stationary on site when undertaking the maintenance works.

The Floating LiDAR buoy, Metocean Midi Buoy and Metocean Wavescan Buoy are all surface buoys, tethered to the sea bed with single mooring lines. The Seabed Lander is a frame anchored on the seabed, approximately 1.7 m diameter and 0.6 m high.

The Floating LiDAR buoy, Metocean Midi Buoy and Metocean Wavescan Buoy have light marking characteristics comprising FI (5) Y 20s with a nominal range of 5 nautical miles.

Surface equipment at Site 1 are transmitting their locations via AIS. **Site 2 metocean Wavescan buoy is not currently transmitting its position via AIS.**

## PROGRAMME SCHEDULE

The earliest maintenance date of the metocean equipment is the 17<sup>th</sup> July 2023. The expected duration of the maintenance activities is twelve to twenty four hours at each site, weather dependant.

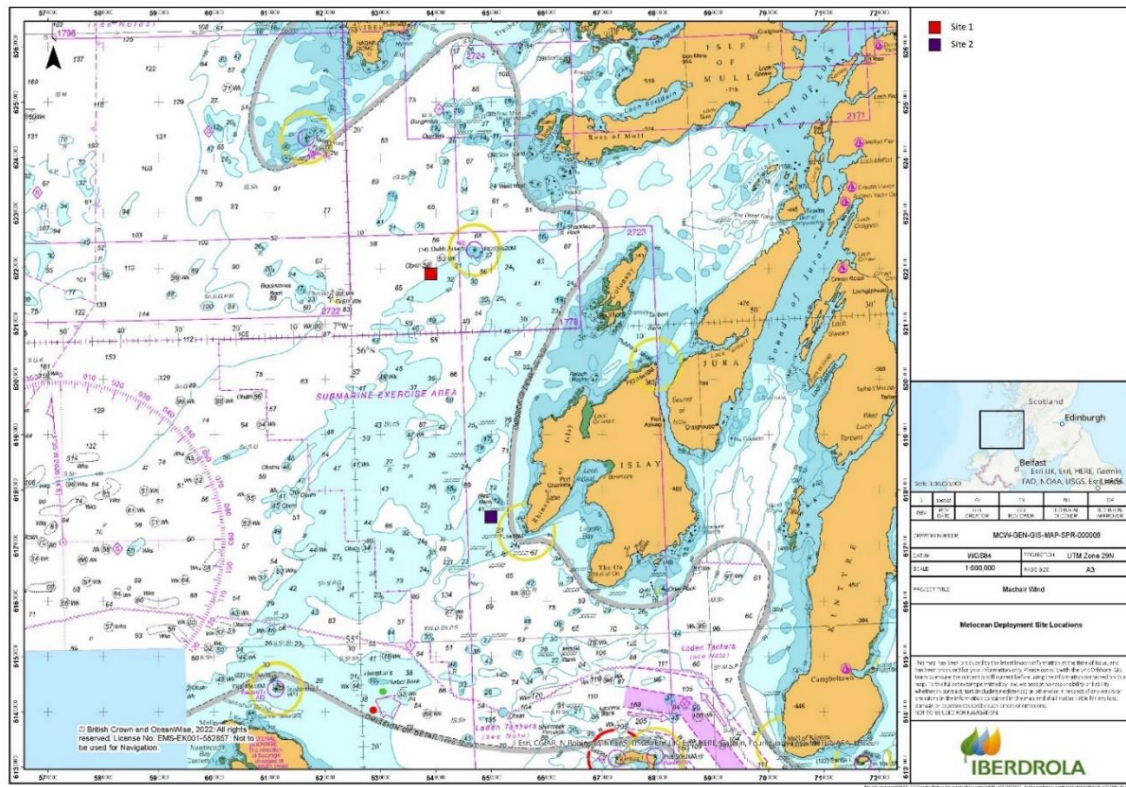
The metocean equipment will initially be deployed for twelve months with an additional twelve months to be decided on the conclusion of the first deployment campaign. An additional notice to mariners will be distributed if an additional twelve month deployment is confirmed.

## ACTIVITY AREA

The metocean equipment to be maintained is deployed at the following locations:

Location	Equipment	Latitude	Longitude
Site 1	Floating Lidar Buoy	56° 5.919'N	6° 45.893'W
	Metocean Midi Buoy	56° 5.598'N	6° 45.910'W
	Seabed Lander	56° 5.769'N	6° 46.170'W
Site 2	Metocean Wavescan Buoy	55° 41.779'N	6° 36.854'W
	Seabed Lander	55° 42.114'N	6° 36.842'W

The metocean equipment to be maintained is located at Site 1 and Site 2 as indicated in the figure below:



## FISHERIES LIAISON CONTACT DETAILS

The Fisheries Liaison Officers (FLO) will be the following contacts from Brown and May Marine Limited:

### FISHERIES LIAISON OFFICER

Name	Zoe Lawrence
Phone Number	07923 138175
Email	Zoe@brownmay.com
Address	C/O Progress Way. Mid Suffolk Business Park, Eye, Suffolk. IP23 7HU

### FISHERIES LIAISON OFFICER

Name	Jonathan Keer
Phone Number	07850 604851
Email	jonathan@brownmay.com
Address	C/O Progress Way. Mid Suffolk Business Park, Eye, Suffolk. IP23 7HU

Due to the limited deployment duration, there will not be an offshore fisheries liaison officer aboard the vessel.

## NOTICE TO MARINERS DISTRIBUTION LIST

A list of recipients for the Notice to Mariners is kept by the Project Team. If you wish to be added to this list, please contact the personnel whose contact details are set out on Page 1 of this Notice.