

Issue Date	14/04/2023
Activity	Commencement of Floating LiDAR and Metocean Survey Deployment
Notice to Mariners Number	1
Revision	2
Document Reference	MCW-GEN-CSM-NOT-IBR-000001
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## SUMMARY

A floating LiDAR buoy, surface metocean equipment buoys and seabed landers are planned to be deployed at two sites to assist with the development of MachairWind Offshore Wind Farm ('the Project'). The floating LiDAR buoy and metocean equipment will be deployed by Fugro in April 2023 from the Port of Oban. The Forth Warrior vessel (Call Sign: 2JHR8) will be used to deploy the floating LiDAR and Metocean Survey Equipment.

**Mariners are requested to keep a distance of 500 metres from the Site 1 and Site 2 deployment locations.**

## ACTIVITY DESCRIPTION

The floating LiDAR buoy, surface metocean equipment buoys and seabed landers will be deployed at two separate locations. The equipment deployed will gather wind and metocean data which will be used to inform the development of the Project.

The floating LiDAR buoy will be a surface buoy moored to the seabed through a single mooring line to a single anchor point. The metocean buoys will be deployed on the surface and anchored to the seabed by a single mooring line to two ballast anchor points. The seabed lander will be anchored in position. The lander is approximately 1.7 metres in diameter and 0.6 metres in height.

The floating LiDAR buoy will have light marking characteristics comprising FI (5) Y 20s with a nominal range of 5 nautical miles. All surface metocean equipment to be deployed will have AIS installed for safety and navigation purposes. The seabed lander will not have a surface marker.


Equipment details of the floating LiDAR buoy, metocean buoys and seabed lander are provided in this notice to mariners.

## PROGRAMME SCHEDULE

The earliest deployment date of the metocean equipment is the 17<sup>th</sup> April 2023. The expected duration of the metocean deployment is 5 days, 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.

## VESSEL DETAILS

The Forth Warrior will be used to deploy the floating LiDAR and metocean survey equipment. Vessel details are provided in the table below.

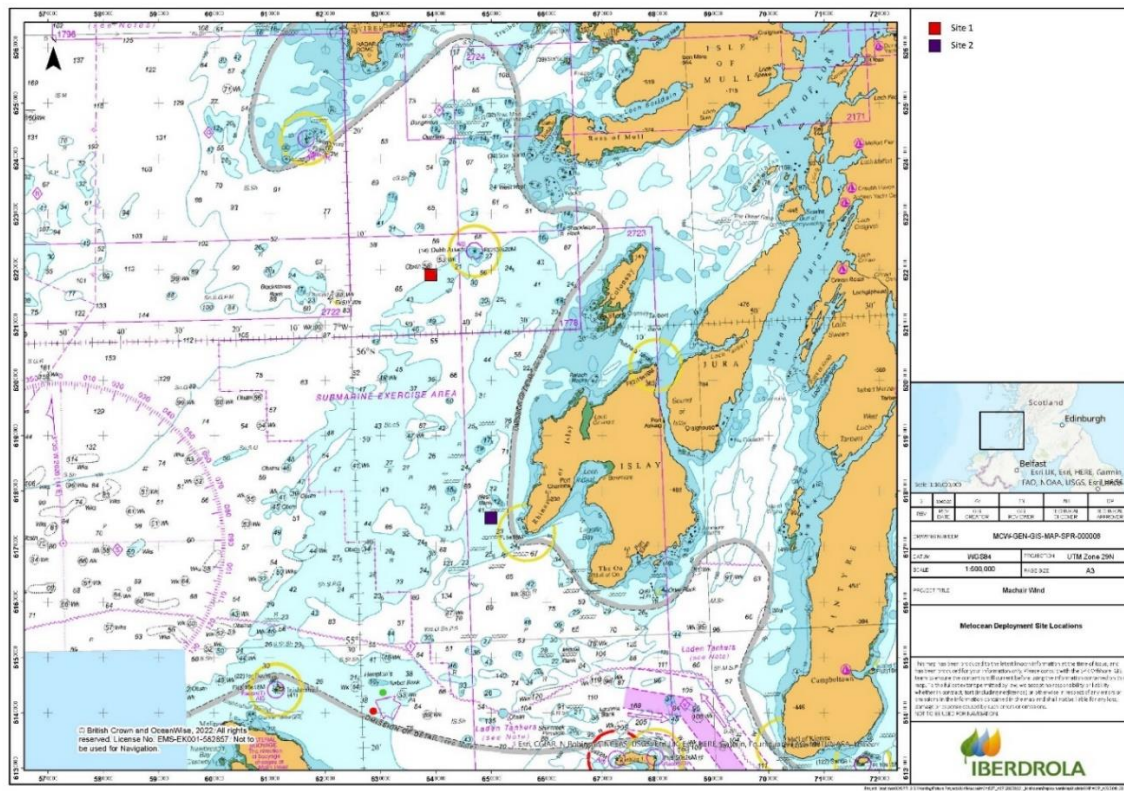
Name of Vessel	Forth Warrior	
Call Sign	2JHR8	
Maritime Mobile Service Identity	235116011	
On Board Contact Details	Contact Name: Vessel Bridge Phone: 07825696702	
Onshore Contact Details	Contact Name: Lucy Knight Phone: 07587429341	

## ACTIVITY AREA

The metocean equipment will be deployed at the following locations:

Location	Equipment	Latitude	Longitude
Site 1	Floating Lidar Buoy	56° 5.922'N	6° 45.891'W
	Metocean Midi Buoy	56° 5.598'N	6° 45.909'W
	Seabed Lander	56° 5.765'N	6° 46.189'W
Site 2	Metocean Wavescan Buoy	55° 41.787'N	6° 36.859'W
	Seabed Lander	55° 42.110'N	6° 36.839'W

The metocean equipment will be deployed 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

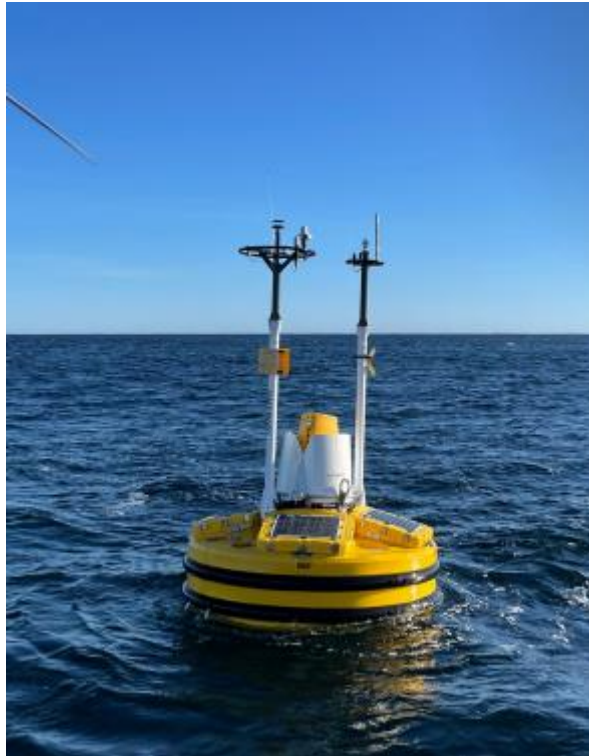
### FISHERIES LIAISON OFFICER

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

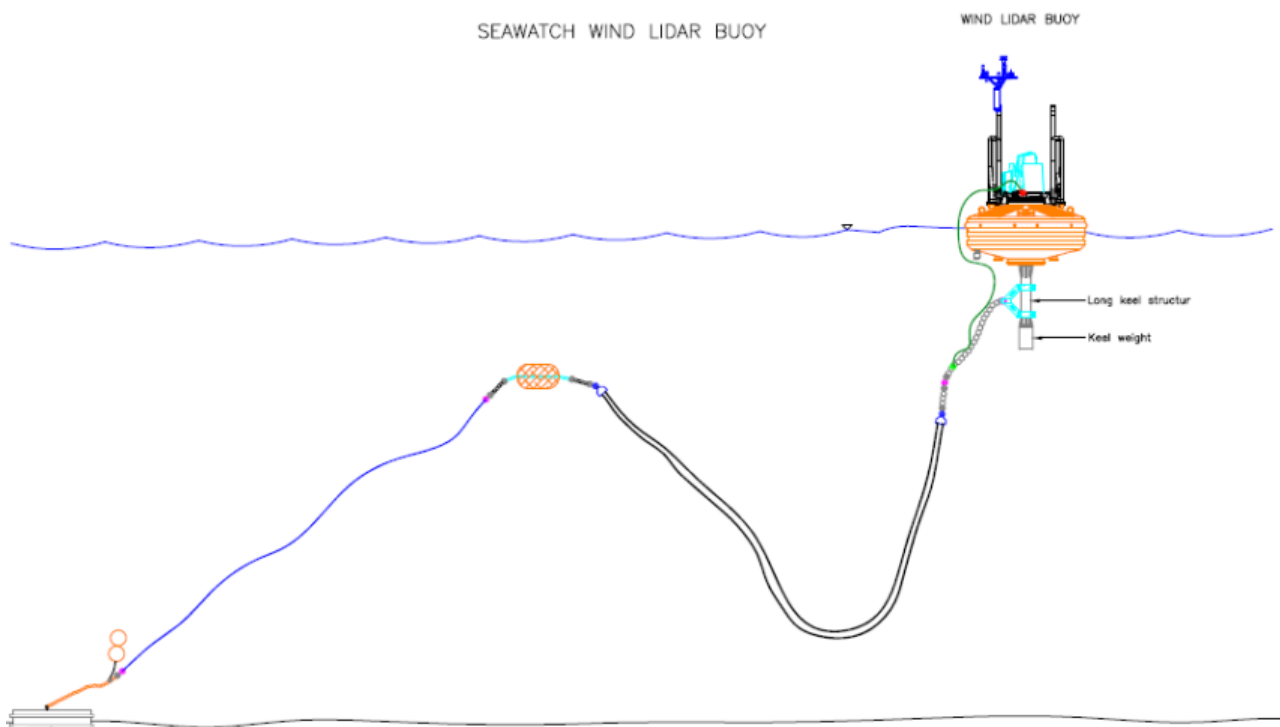
Due to the limited deployment duration, there will not be an offshore fisheries liaison officer aboard the vessel.

## EQUIPMENT FIGURES

### FLOATING LIDAR BUOY



### FLOATING LIDAR BUOY MOORING CONFIGURATION

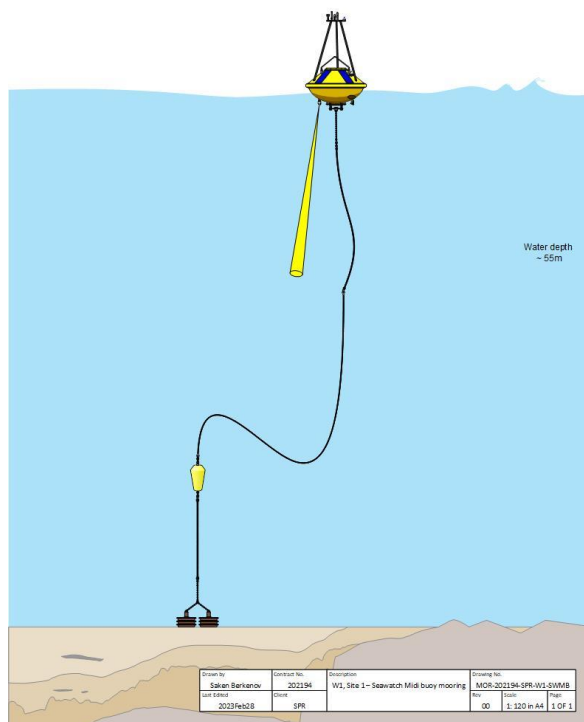


### METOCEAN MIDI BUOY

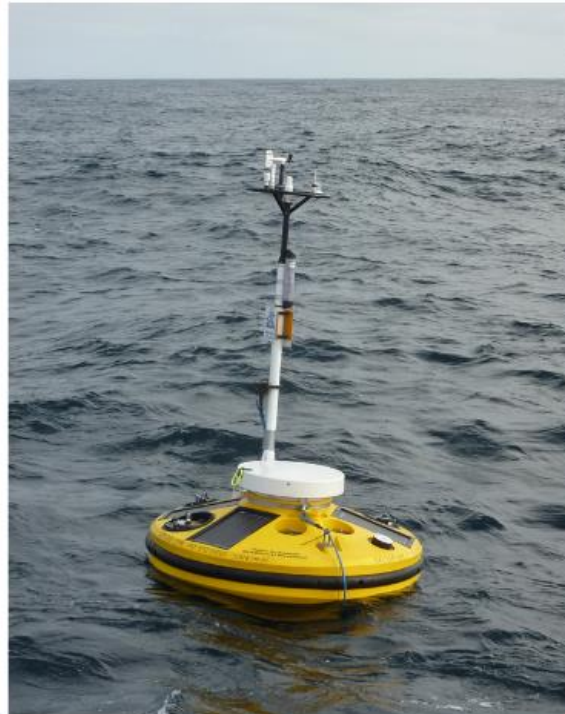


### METOCEAN MIDI BUOY MOORING CONFIGURATION

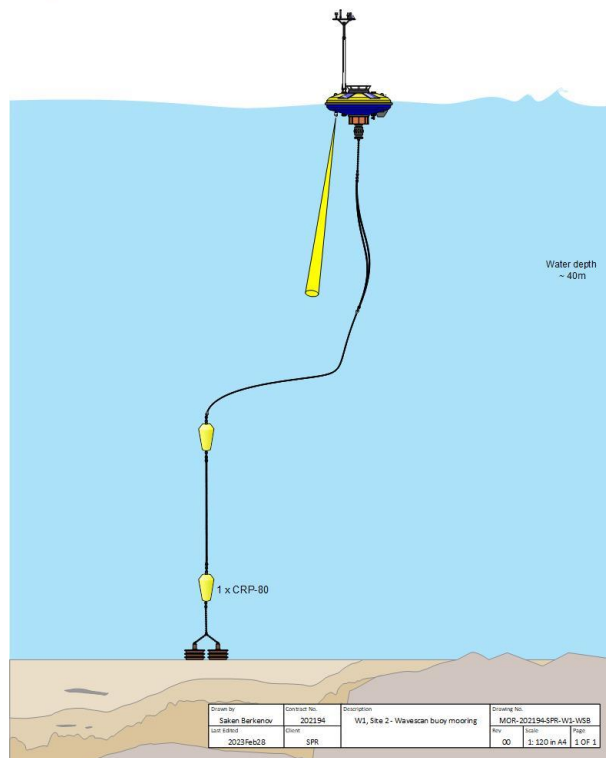
**FUGRO**



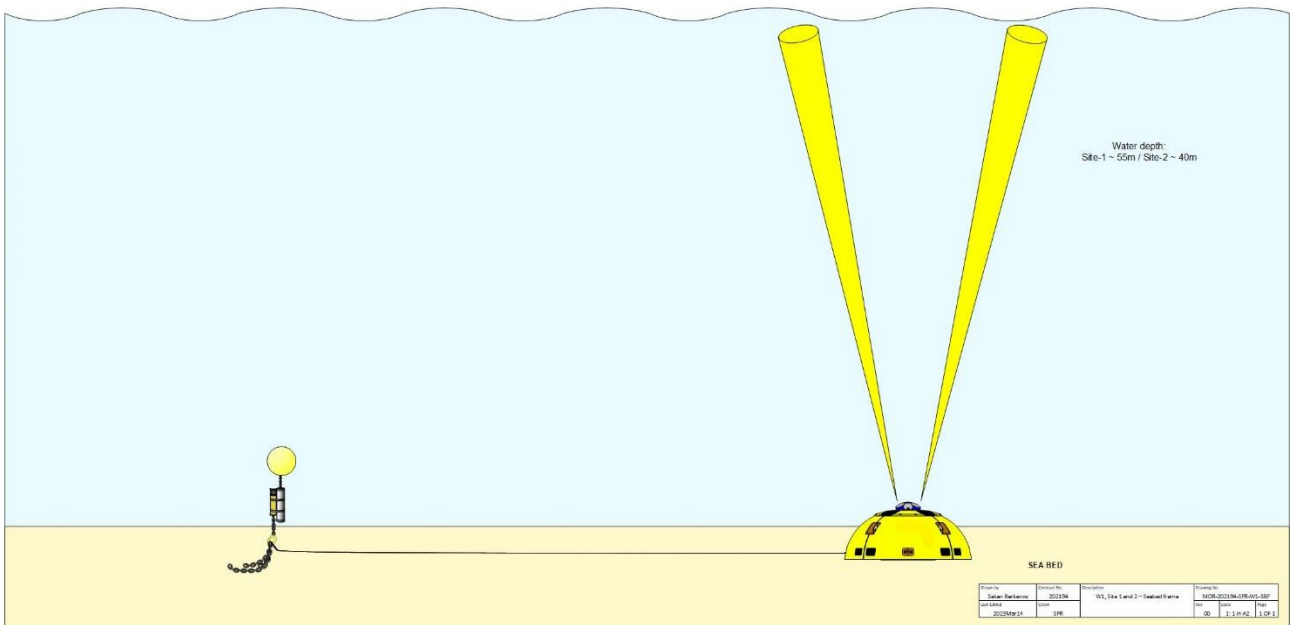
**WAVESCAN BUOY**



**WAVESCAN BUOY MOORING CONFIGURATION**



SEABED LANDER



**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.