

# NOTICE TO MARINERS

West of Orkney Windfarm

Wave Buoy Update 2023

Rev 05 – Issued: 14/04/2023

## Summary

- Following on from the NtM issued on the 11<sup>th</sup> April 2023, OWPL can confirm the vessel contractor has successfully recovered the wave buoy.
- The wave buoy will be serviced and re-deployed on a new mooring (weather permitting) on the 16<sup>th</sup> April 2023, at its original location. The re-deployed wave buoy will remain on-site till October 2023 as part of the ongoing metocean survey. An attempt will be made to recover the initial anchor. Should this fail, the anchor will either be recovered on a future visit or remain on-site till the end of the survey at which point it will be recovered.
- Additionally, maintenance will be undertaken on FLiDAR 2 (FLS 2) from Monday 17<sup>th</sup> April – Wednesday 19<sup>th</sup> April 2023. Maintenance operations will be undertaken from Scrabster.
- Contact details: Onshore FLO: phone: +44 (0) 7926 418 820, email: [OWPLFisheries@xodusgroup.com](mailto:OWPLFisheries@xodusgroup.com);
- Port of Operation: **Stromness & Scrabster**.

## Full information

Mariners are advised that the Jif Marlin has successfully recovered the wave buoy.

The buoy will be re-deployed from the port of Stromness to its original location by Delta Marine Limited using the utility vessel, the Jif Marlin.

An attempt will be made to recover the initial anchor, however if unsuccessful, the original anchor will be left in-situ and retrieved via ROV on a future visit or at the end of the metocean survey.

In addition, the Jif Marlin will depart from Stromness on 17<sup>th</sup> April 2023 and where the FLiDAR system (FLS 2) will be towed to the port of Scrabster for maintenance.

On completion of the successful maintenance, Jif Marlin will depart from Scrabster and the FLS 2 will be returned to its original location.

## Vessel information



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Vessel	Jif Marlin
MMSI	228093900
Owner	Delta Marine Limited
Phone	+33 699730411
Email	<a href="mailto:jifmarlin@jifmarlin.jifmar.net">jifmarlin@jifmarlin.jifmar.net</a>

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During re-deployment of the wave buoy and retrieval and re-deployment of the FLS 2, the vessel will have restricted ability to manoeuvre and approaching vessels are requested to pass at a safe speed and distance.

The wave buoy re-deployment and FLS 2 service is being undertaken as part of the West of Orkney Windfarm metocean survey, which is being undertaken from October 2022 – October 2023.

### Metocean Survey Task

A Metocean Survey is currently underway within the N1 PO (see Figure 1) and coordinates of the metocean equipment locations are provided in Appendix A1. The Metocean Survey includes use of the following survey equipment:

- Two floating Light Detection and Ranging (LiDAR) Systems (FLS) (currently on-site);
- One Wave Buoy (**to be re-deployed**); and
- One Acoustic Doppler Current Profiler (ADCP) (currently on-site).

Mariners are advised to keep a safety clearance of the installation vessel and metocean equipment of no less than 500m.

## **Port of Operation**

The Delta Marine Limited & the Jif Marlin will mobilise / operate out of the port of **Stromness** for the re-deployment of wave buoy.

For the service of the FLS 2 the Jif Marlin will mobilise from **Stromness** and recover the FLS 2 to **Scrabster**. The Jif Marlin will mobilise from **Scrabster** to return the FLS 2 to its original location.

## **Survey duration**

The survey commenced on the 14 October 2022 and will run through to 31<sup>st</sup> October 2023. The total duration for survey activity is expected to take 375 days, and additional days have been included in the duration to account for unforeseen operational and/or weather delays.

## **Contact Details for Fisheries Liaison**

Fisheries Liaison is being carried out by Xodus Group, for all fisheries enquires please contact Xodus Group Fisheries Liaison Officer (FLO).

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Telephone number                      +44 (0) 7 926 418820

Email                                        OWPLFisheries@xodusgroup.com

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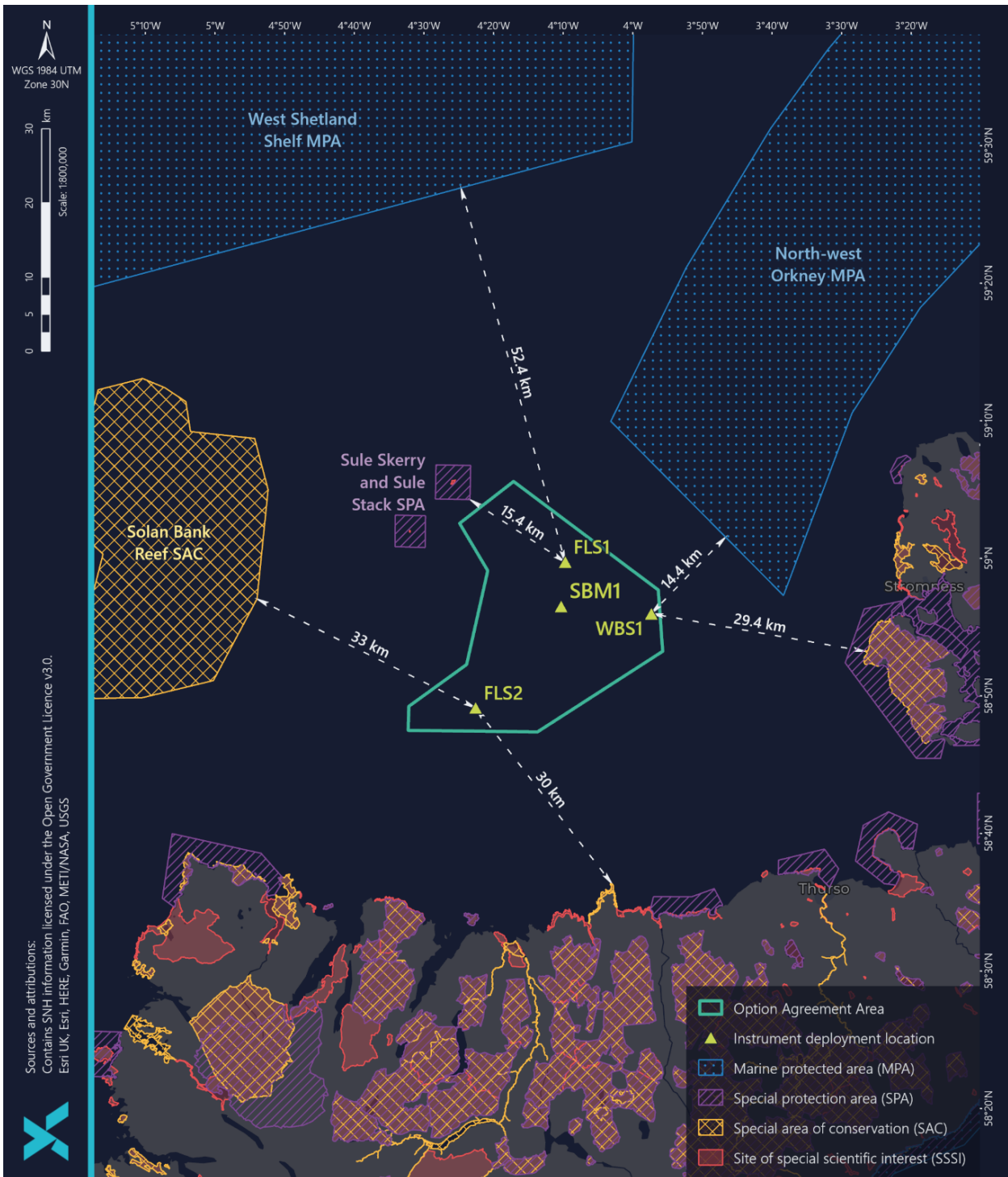


Figure 1. Location of the metocean equipment.

## A.1 Coordinates of the Metocean Equipment location

SYSTEM NAME	DESCRIPTION OF SYSTEM	LATITUDE (DMS)	LONGITUDE (DMS)
FLS 1	FLS on single point mooring design	58° 59' 26.378324" N	04° 08' 24.647657" W
FLS 2	FLS on single point mooring design	58° 48' 42.944932" N	04° 20' 38.480725" W
SEABED MEASUREMENT (SBM) 1	Subsurface ADCP frame placed on seabed with optional groundline	58° 56' 12.589391" N	04° 08' 53.285045" W
WAVE BUOY SYSTEM (WBS) 1	Wave Buoy re-deployed on single point mooring	58° 55' 46.728000" N	03° 56' 10.814589" W
WAVE BUOY ANCHOR	Initial wave buoy anchor – to be retrieved on future visit or at end of survey	58° 55.779' N	3° 56.180' W