

NOTICE TO MARINERS

West of Orkney Windfarm

Wave Buoy Status 2023

Rev 04 – Issued: 11/04/2023

Latest Update – 11/04/2023

OWPL are notifying mariners that the wave buoy associated with the metocean survey has come free of its mooring. The wave buoy is mobile and has been drifting toward the NNE from its original location.

The buoy is currently powered and transmitting position information.

At present the wave buoy is located at: 59° 26' 45.0"N 4° 17' 39.9" W – 07:30 UTC 11/04/2023.

Buoy details:

A Datawell Wave buoy measuring directional waves, temperature and current.

- Hull: Stainless Steel 1m diameter with aluminium triangle.
- Weight: 250kg weight
- Colour: Yellow
- Nav aid: 5 yellow lamp every 20 seconds

Original location:

The full mooring includes a subsurface flotation and rope to 450kg clump weight anchor. It is not certain where the mooring detached, but the sub surface floatation should be considered present and would be approximately 10-15m below MSL. Mooring location is: 58° 55.779' N, 3° 56.180' W.

Retrieval and re-deployment:

OWPL's have been in contact with a vessel contractor who are currently preparing a vessel to perform both the recovery and re-deployment as soon as possible. The Notice to Mariners will be updated once the details of the recovery and re-deployment is known.

Images of the wave buoy are included below:

OWPL Wave Buoy Status 2023

Notice to Mariners

www.westoforkney.com



Enquires:

- o For all enquires: Phone: +44 0787 524 5015; email: info@westoforkney.com ;

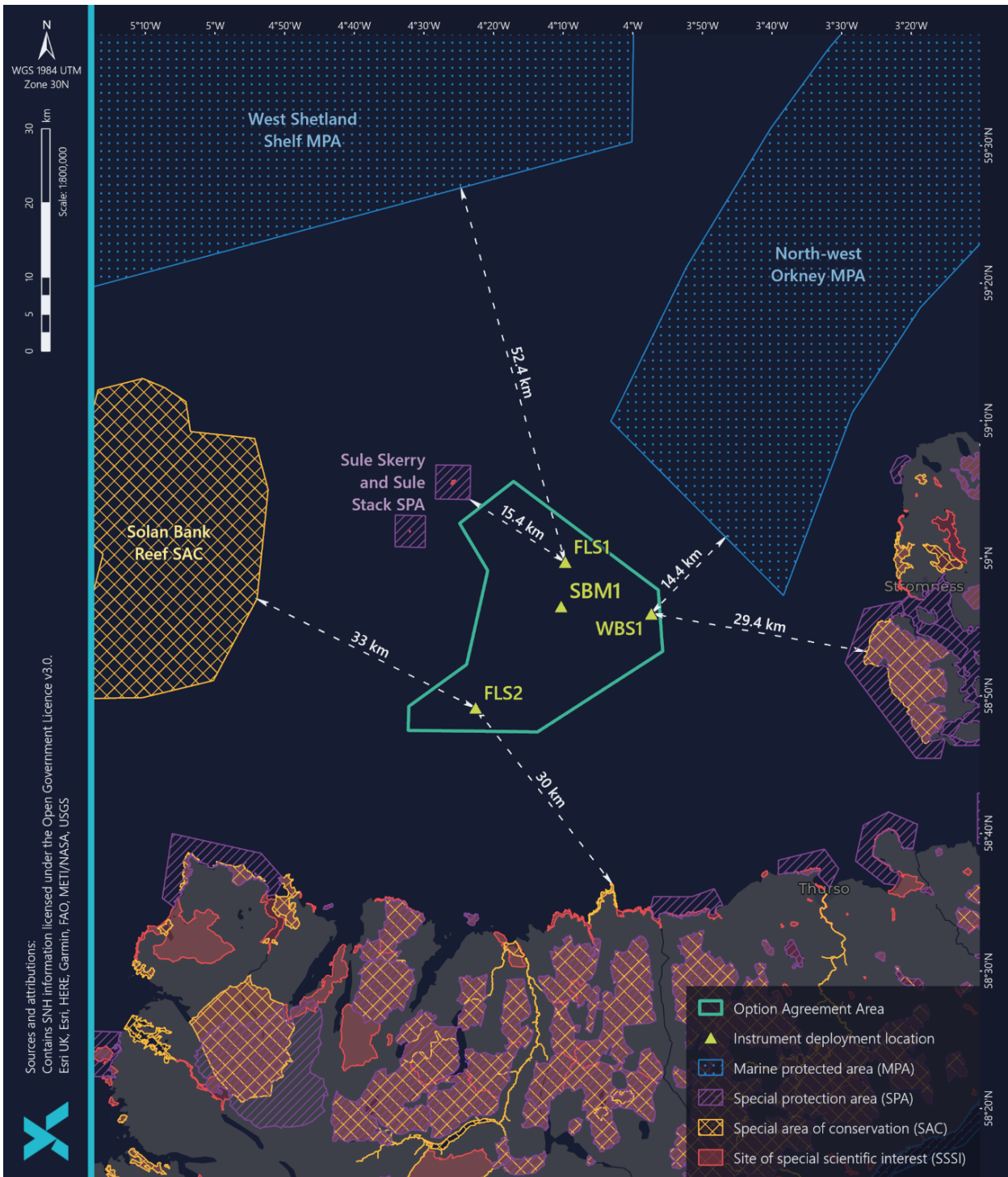


Figure 1. Area to be surveyed within this survey.

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 on single point mooring	58° 55' 46.728000" N	03° 56' 10.814589" W