



Project Valorous Floating Offshore Wind Farm

Notice to Mariners

NtM Number	Valorous/001 v14.0
Date of Issue	15/05/2023

1 Planned Activity

Recovery of the Floating LiDAR

Retrieval of Floating LiDAR System

The Floating LiDAR System, located within the proposed Valorous Floating Offshore Wind Farm (FLOW) project site, is located at its original deployment location provided below:

- 51°20.641' N, 005°40.714' W

To inform the proposed Project Valorous, a 1-year long wind resource assessment campaign has been undertaken by deploying a Floating LiDAR system metocean buoy. **As the 1-year long wind resource assessment has finished, a recovery of the Floating LiDAR system will now be carried out as part of the operations strategy.** Redeployment of the Floating LiDAR system will not take place.

There are currently 2 scenarios for the recovery operation :

Plan A: The floating LiDAR, including full mooring and clump weight, will be brought on board the vessel to sail to harbour (Milford).

Plan B The floating LiDAR will be towed to harbour (Milford). The full mooring and clump weight would be fully recovered.

Plan B, the floating LiDAR towing, is a backup plan that will only be used in one of the following scenarios:

- Sea and/or weather conditions on recovery day make it unsafe to lift the buoy on deck ; or
- The buoy suffered an incident that eliminated the possibility of safe lifting onto the boat deck.

Preparations are being made to recover the floating LiDAR, this operation will take place as soon as possible and when it is safe to do so. **The current expectation is that the recovery attempt will be undertaken between the 18 - 24 May 2023; However, this is weather permitting.**

There is currently 1 Vessel option to undertake the recovery operation of the floating LiDAR, with the vessel being the *Forth Trojan* (see Section 5). This vessel option may be subject to change, an update will be issued if required.

Details of the device and relevant Aids to Navigation are provided below.



Floating LiDAR

Yellow in colour

Yellow 'X' shaped topmark

Fl (5) Y 20s light (5nm range)

Flash rate not exceeding 30 per minute.

MMSI Number: 992351335

2 Geographic Co-ordinates (UTM 30 / WGS 84)

Confirmed position of the Floating LiDAR Location

Degrees	Decimal	Minutes	51°20.641' N	005°40.714' W
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Degrees Minutes Seconds

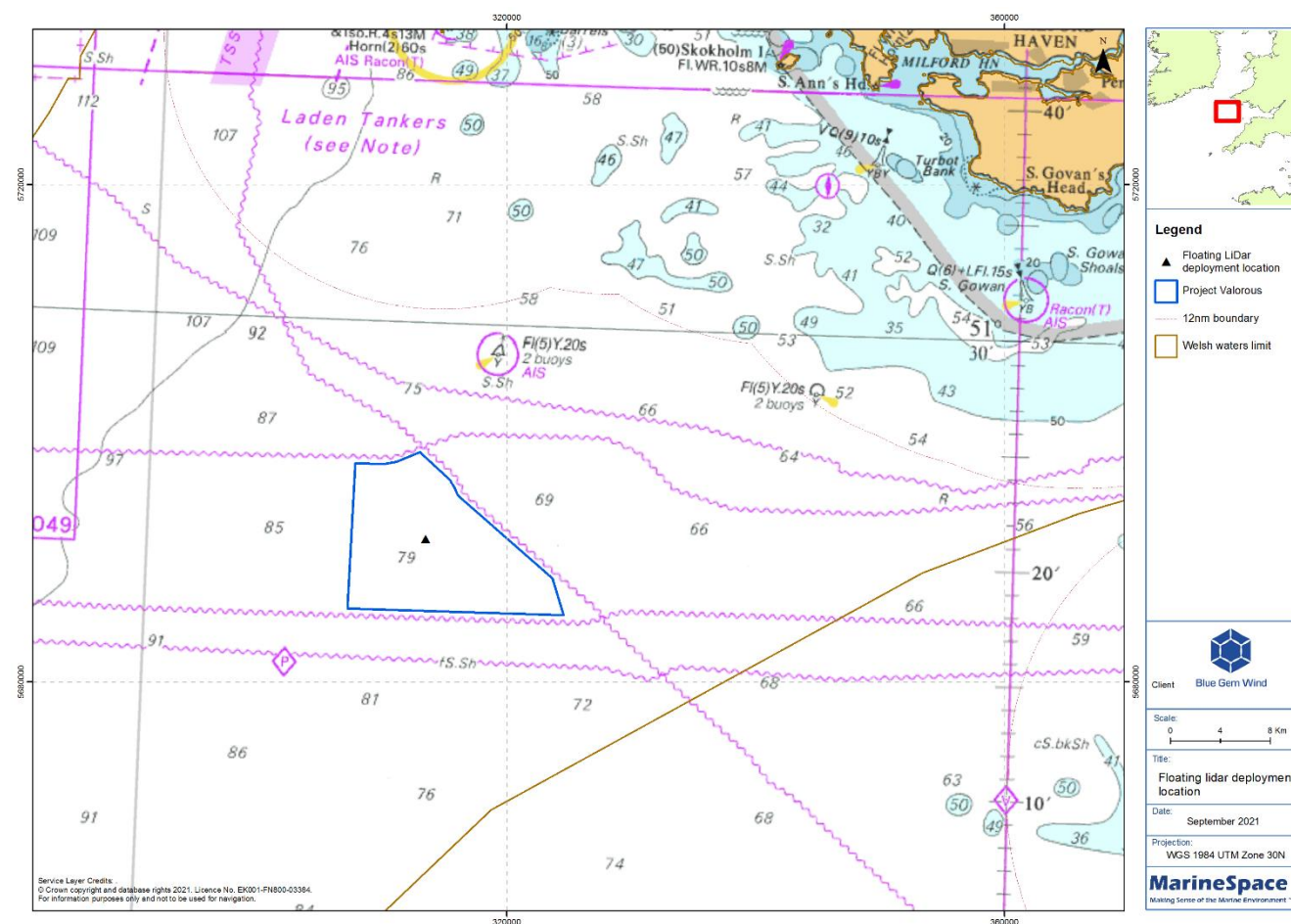
51°20'38.44" N

005°40'42.85" W

3 Safe Clearances, Navigation Safety Features and Safety Notes for Mariners

All vessels are requested to maintain a safe distance (100m) from the Floating LiDAR system and recovery vessel when it is located within Milford Haven Port Authority (MHPA) limits, outside MHPA limits all vessels are requested to maintain a safe distance (500m) from the recovery vessel.

4 Chart of Floating LiDAR Location



5 Vessel Details

Details of the vessel to be used for the Floating LiDAR recovery:

Vessel Option 1:

Vessel Name:	Forth Trojan
Vessel Type / LOA(m):	Tug Vessel / 25.37 m
VHF Call Sign:	2FYM4
MMSI:	235095311
Vessel Bridge Mobile:	TBA
Vessel Sat Phone:	TBA
Onshore Contact	01592 872939 marineoperations@briggsmarine.co.uk



6 Project Contact Details


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