

**METOCEAN BUOY DEPLOYMENT**  
**ORE CATAPULT MET MAST, OFFSHORE BLYTH**  
**NOTICE TO MARINERS – 27 MARCH 2019**

**Update to Notice To Mariners issued on 21 March 2019:**  
**Buoy Recovery**

EOLOS Floating Lidar Solutions is to recover a Metocean Buoy that is deployed within the vicinity of the Narec Offshore Anemometry Hub (NOAH), approximately 3 nautical miles from the Blyth coast.

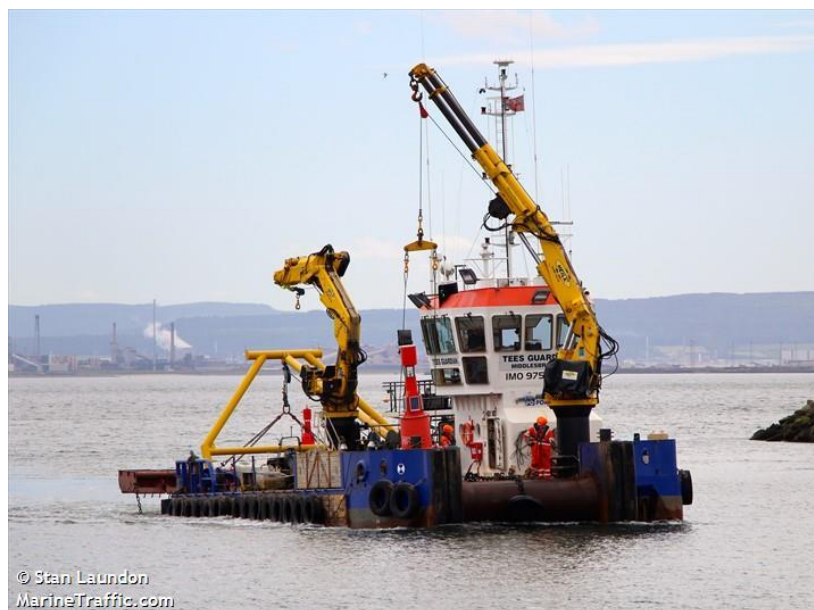
The deployment location is within the NOAH consent area which has a radius of 250m centred on the Mast, and the WGS84 coordinates are provided in Table 1 (approx. 160m South of the Mast). Recovery is estimated to be carried out over half a day from 29 March 2019, weather permitting, using the vessel Tees Guardian (Figure 1 and Table 2).

The buoy has an amber navigation light set to flash 5 times at 1Hz every 20 seconds. All equipment (including ground weight) will be removed at the end of the study.

**Marine License:** Exemption received 4<sup>th</sup> January 2019.

**Table 1: WGS84 coordinates for the EOLOS Metocean Buoy in Decimal Degrees and Degrees Decimal Minutes.**

Name	Latitude	Longitude	Latitude	Longitude
Metocean Buoy	55.14517° N	1.42153° W	55° 08.710' N	001° 25.292' W



**Figure 1: Deployment vessel Tees Guardian.**

**Table 2: Vessel Details.**

Vessel name	Tees Guardian
IMO number	9759783
MMSI number	235110227
Call sign	2IJH2
Phone number	+44 (0) 7834 740123

## EOLOS METOCEAN BUOY

The EOLOS Floating LiDAR Metocean Buoy records meteorological data and is anchored to the seabed by means of a mooring chain and a groundweight. The buoy has dimensions of 4m x 4m, and when deployed the tallest mast on the buoy sits approx. 4m above the water line (see Figure 2).



**Figure 2: EOLOS Metocean Buoy as deployed.**

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