

METOCEAN BUOY OPERATIONS

NATIONAL RENEWABLE ENERGY CENTRE, OFFSHORE BLYTH

NOTICE TO MARINERS

Offshore Operations Planned for Wednesday 13 November 2019 with Sir Bobby Robson Vessel

AXYS Technologies will be doing an offshore deployment of the ('FLiDAR WindSentinel') with the Sir Bobby Robson vessel at the National Renewable Energy Centre (NaREC) within the vicinity of the Meteorological Mast, offshore Blyth – Wednesday 13th November 2019.

The FLiDAR F140 buoy will be deployed and if possible, a new light will be installed on the F80 buoy already at-sea. The locations of the buoys are provided below (Table 1).

Table 1 Coordinates (WGS84) of the FLiDAR WindSentinels

Buoy	Operation	Depth Below LAT (m)	Latitude (WGS84)	Longitude (WGS84)	Latitude (WGS84)	Longitude (WGS84)
FLiDAR WindSentinel F80	Installation of new light	~ 32 m	55.145418	-1.419184	55°N	001°W
FLiDAR WindSentinel F140	Deployment	~ 32 m	55.14847	-1.423317	55° 8.908'N	001° 25.399'W

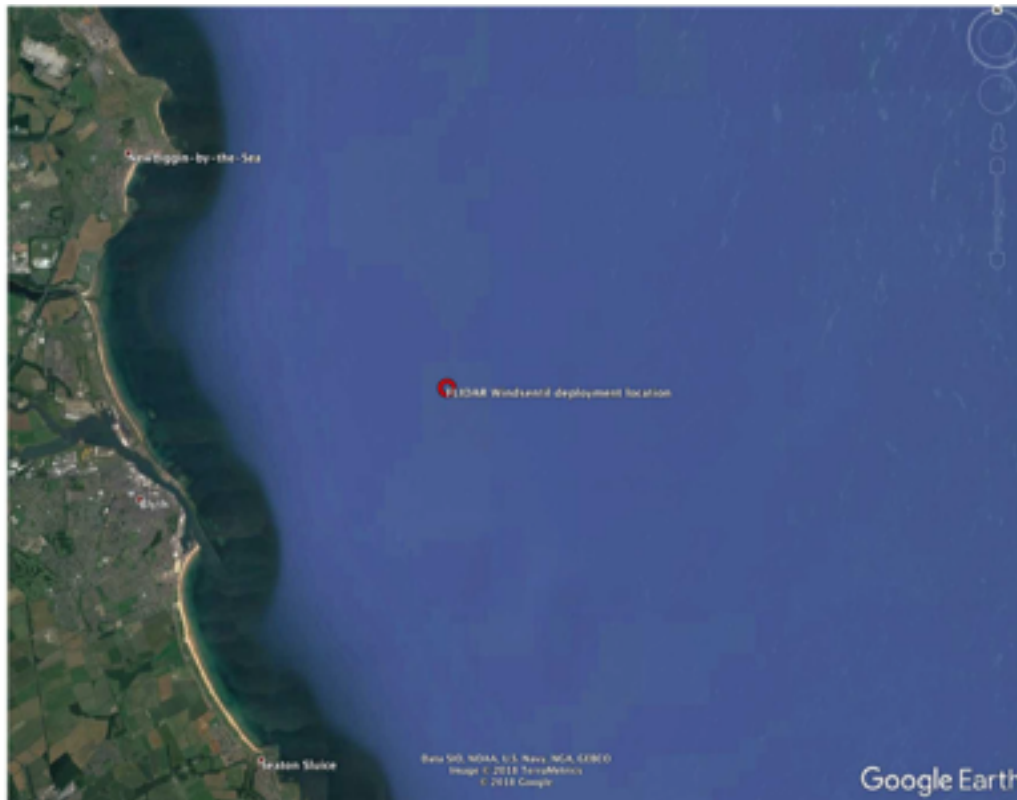


Figure 1: - Buoy Deployment location

The F140 buoy is painted to IALA standard and has an amber navigation light set to flash 5 times at 1Hz every 20 seconds.

All equipment (including ground weights) will be removed at the end of the study.

Operations are planned for Wednesday November 13th 2019, subject to metocean conditions.

FLIDAR WINDSENTINEL METOCEAN BUOYS

The FLiDAR WindSentinel metocean buoy records wind speed and direction, waves and currents and is anchored to the seabed by means of a mooring chain (87.5 m) and a sinker weight (5 T). The buoy has dimensions of 6 m length and 3 m width and when deployed the tallest mast on the buoys sits 4m above the water line (see Figure 1).



Figure 1 FLiDAR WindSentinel meteocean buoy as deployed.

For further information please contact:

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