



Notice to Mariners

Pentland Floating Offshore Wind SEAWATCH LiDAR Buoy

189802-NtM-004(04) | 13 April 2023

Third Issue



1. Notice to Mariners

Mariners are advised that Fugro are planning a re-deployment of a SeaWatch LiDAR Buoy (SWLB).

The buoy location is within the UK Sector of the North Sea off the north coast of Scotland, as shown in the coordinates in Table 2.

The buoy is planned to be re-deployed the 16th of April on an existing mooring, currently marked with a temporary buoy.

The equipment is to be deployed by a single vessel and will take one day on site.

The buoy is equipped with a F1 (5) Y 20 s light with 4-5 nautical mile range; the light is mounted at the top of one of the masts, approximately 4 m above sea level. The flash sequence for this light is detailed in Table 1.

Table 1: SWLB light flash sequence

Flash Code	On [s]	Off [s]	On [s]	Off [s]	On [s]	Off [s]	On [s]	Off [s]	On [s]	Off [s]
FL (5) 20 S	0.8	1.2	0.8	1.2	0.8	1.2	0.8	1.2	0.8	11.2

Additional risk reduction measures include the use of passive radar reflectors to make the buoy more visible on vessel radars, Automatic Information Systems (AIS) to broadcast the buoy position to marine AIS platforms, Global Positioning Systems (GPS) position monitoring of the buoy at 30-minute intervals and an independent GPS tracker used for backup position monitoring of the equipment in the event of primary GPS failure.

Table 3: AIS MMSI number

MMSI number	992571102
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2. Area of Operations

The equipment is located at the position, provided in Table 2 and Figure 2.1.

Table 2: SWLB deployment coordinates

Name	Latitude [WGS84]	Longitude [WGS84]	Depth [m]
Pentland SWLB position	58° 39.1680' N	3° 52.2660' W	86

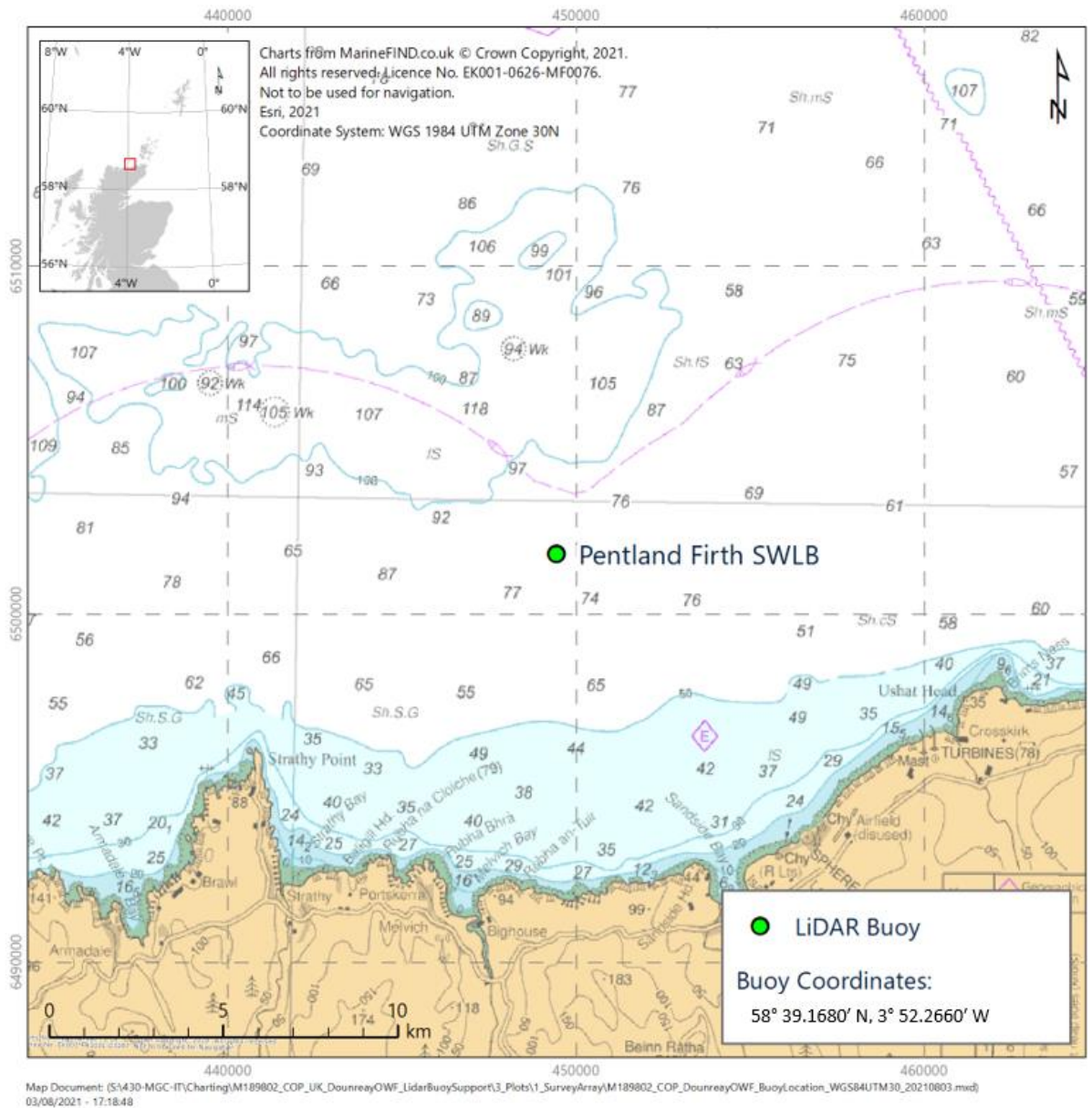


Figure 2.1: SWLB position

3. Immediate Contacts

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to the persons outlined in Table 3.

Table 3: Contact persons


Role	Name	Contact Details
Fugro Project Manager	Lars Fogelin	+47 9241 0056 l.fogelin@fugro.com
Fugro Project Director	Arve Berg	+47 9139 4172 a.berg@fugro.com
COP Package Manager	Jacob Zeemann	+45 31 43 98 00 jze@bluepp.dk
COP Package Manager	Mark Finch	+44 7478 745480 mfi@cop.dk

4. Survey Vessels

Pending availability, the vessel outlined below is currently the option for the deployment of the equipment. If the vessel is not available, an alternative will be sourced and an updated NtM issued.

Table 4: Vessel details Green Isle

Vessel	Mar Fortune
Vessel type	Multi Purpose SV
Operator	Karmsund Shipping
Call sign	LEZI
IMO	9267273



5. Distribution List

This NtM has been distributed to the following parties.

Table 5: Distribution list for this NtM

Distribution List
thurso@rnli.org.uk
wick@rnli.org.uk
longhope@rnli.org.uk
harbour@scrabster.co.uk
office@wickharbour.co.uk
FO.scrabster@gov.scot
offshore.energy@ukho.gov.uk
navigationsafety@mcga.gov.uk
kingfisher@seafish.co.uk
NavWarnings@UKHO.gov.uk
nmoccontroller@hmcg.gov.uk
jze@bluepp.dk
leifkaare@k-shipping.no
mfi@cop.dk
Zone2@mcga.gov.uk
navigation@nlb.org.uk
pem@cop.dk