	NTM Deployment	Code: BEL12
		Date: 26/04/2023
		Revision: 05



NOTICE TO MARINERS

REVISIONS		
Revision	Modification causes	Date
01	Issue	01/02/2023
02	Update of details, minor corrections	10/02/2023
03	Update of details; change of coordinates number format	06/03/2023
04	Update of dates and vessel details	31/03/2023
05	Update post-deployment	26/04/2023

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1. Introduction

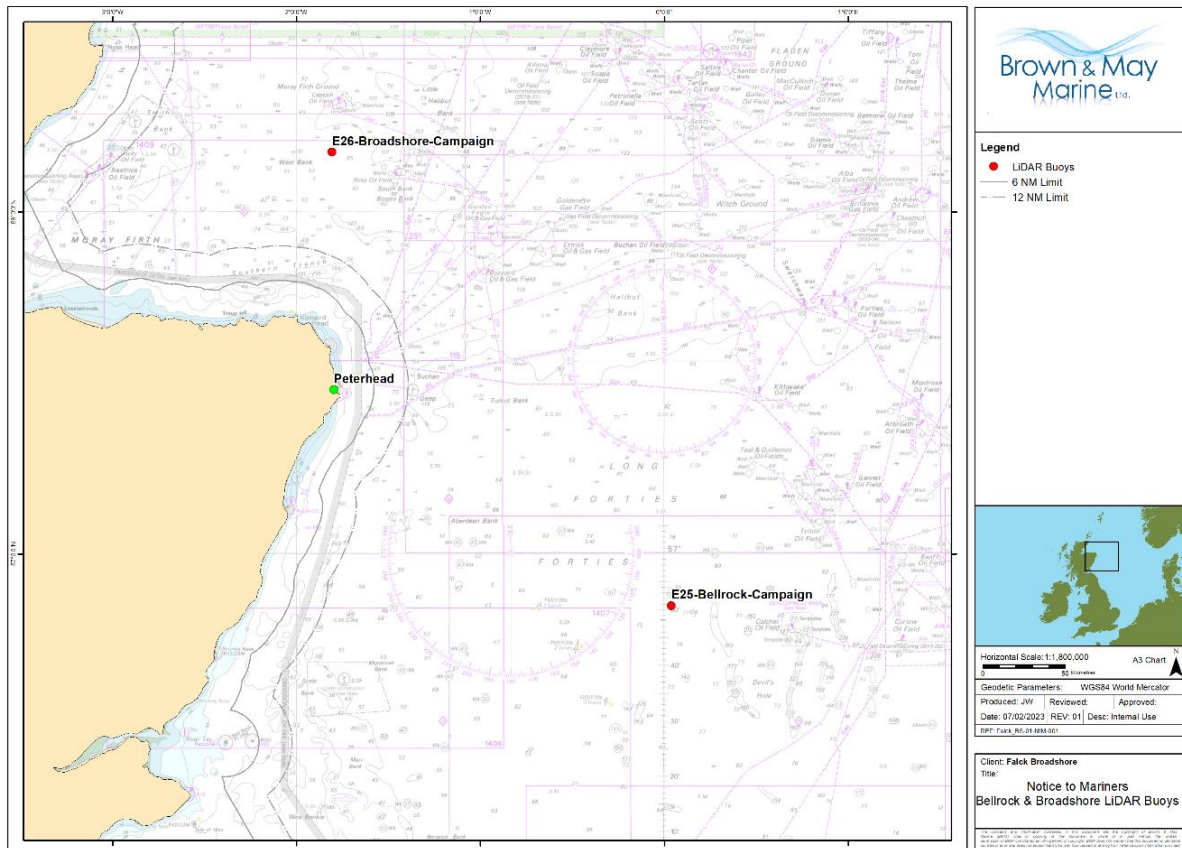
Eolos has deployed two (2) Floating LiDAR Devices offshore Scotland for the acquisition of Wind and Metocean Data for a minimum period of 12 months.

The units deployed are:

- FLS200 E25 (deployed 09 Apr 2023); and
- FLS200 E26 (deployed 08 Apr 2023)

2. Deployment coordinates

Coordinates WGS84 (Degrees Decimal Minutes)		
Buoy	Latitude	Longitude
FLS200 E25	56°50.808' N	0° 2.292' E
FLS200 E26	58°10.356' N	1°48.386' W



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3. Metocean buoy

3.1. General description

The FLS200 buoy dimensions are described on the general arrangement below.

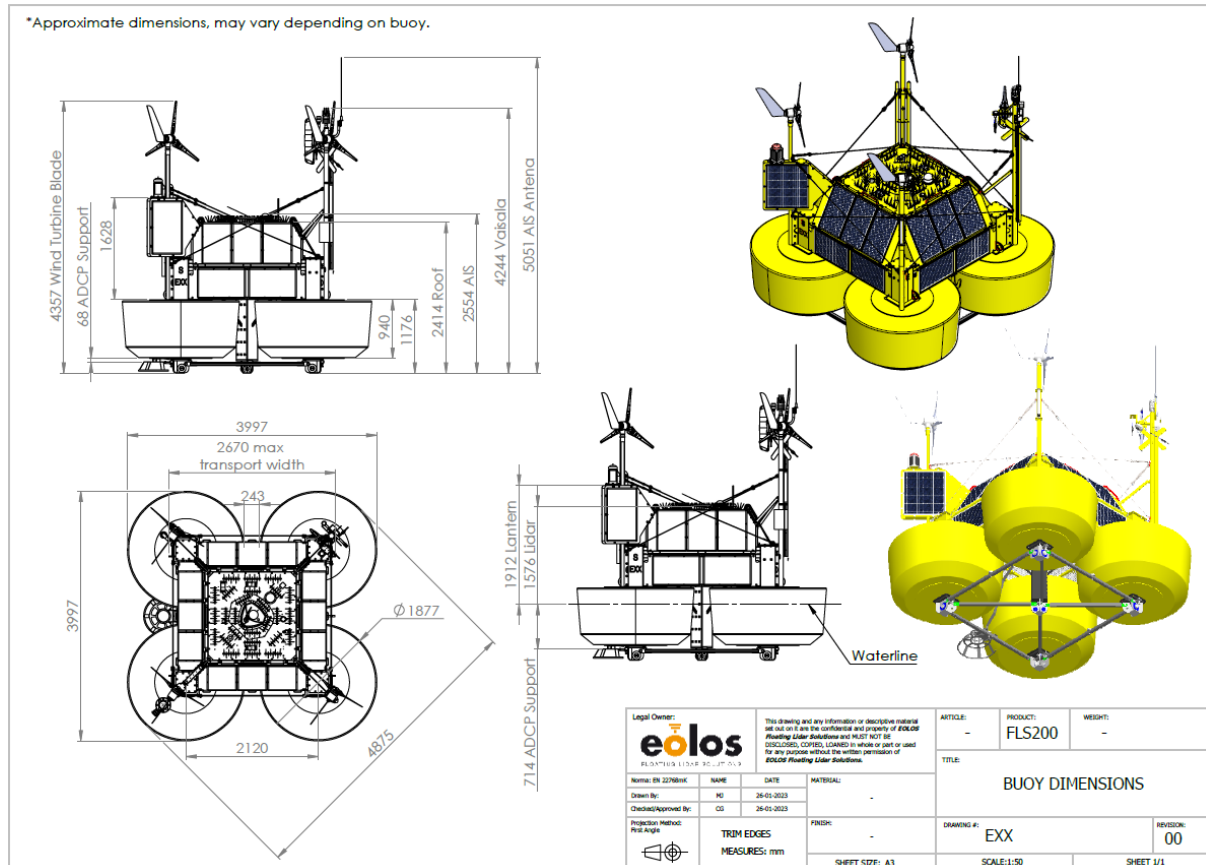


Figure 1 FLS200 general arrangement drawing.

Once in the water, the top of the tallest mast is around 4 meters above sea level.

3.2. Identification

The buoy is fitted with the following identification and navigational safety features:

- Buoy painted yellow in color;
- Yellow St Andrews Cross.
- Radar reflector.
- AIS AtoN (with MMSI 992351404, corresponding to *Bellrock FLIDAR E25*); and
- Marine lantern (with flash character FI (5) Y 20s - 5 yellow flashes every 20 seconds) with a range of 5 nautical miles.

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Figure 2 FLS200 on the water.

3.3. Mooring design

The buoy drifting radius is approximately 165 m from its deployment position. All material will be removed from the seabed after the measurement campaign is complete. The mooring layout design is provided on the final page of this document.

4. Contacts

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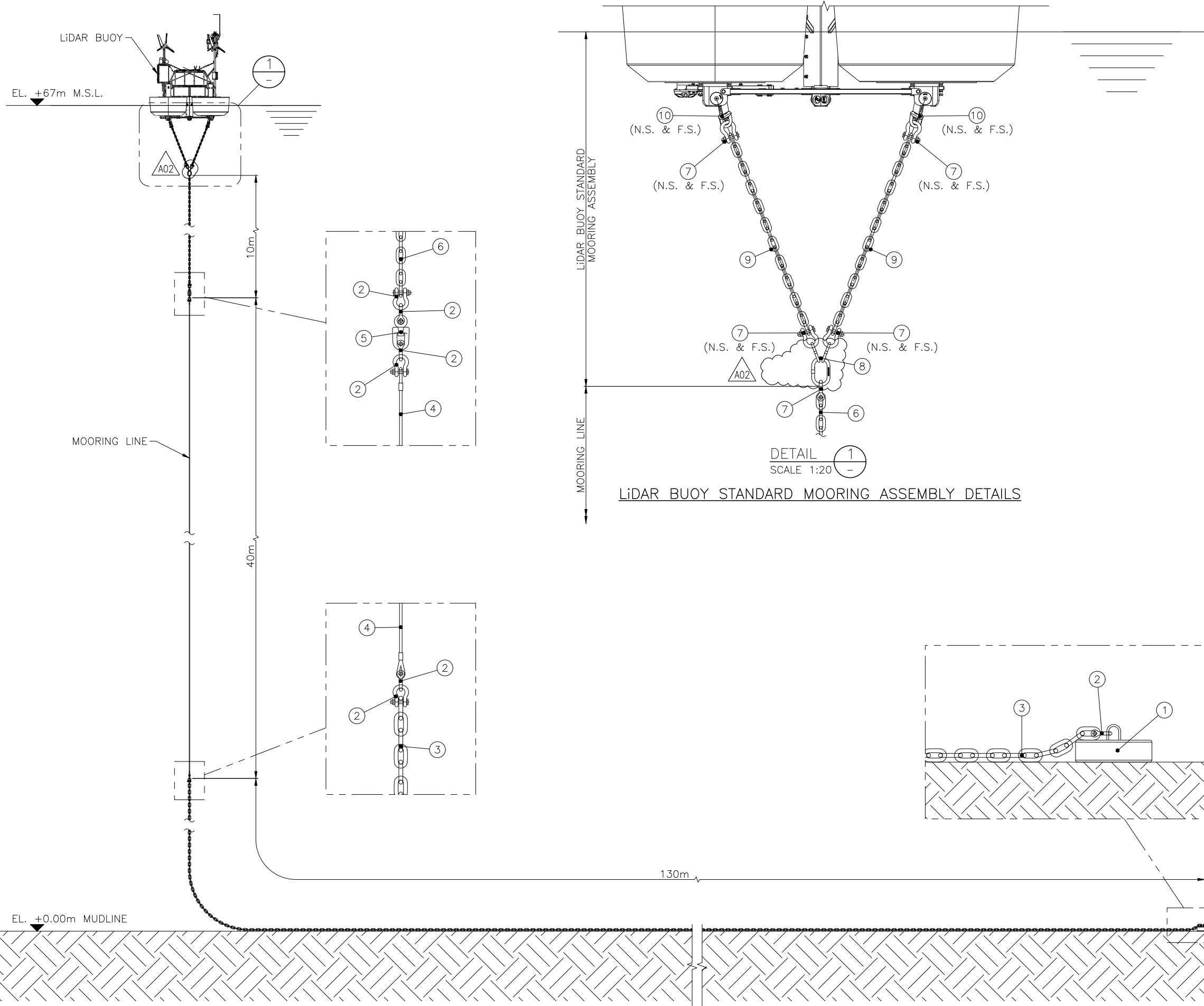
Email: gastao.moura@eolossolutions.com

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LiDAR BUOY STANDARD MOORING ASSEMBLY DETAILS

LEGEND:

- F.S. — FAR SIDE
- LIDAR — LIGHT DETECTION AND RANGING
- N.S. — NEAR SIDE
- SWL — SAFE WORKING LOAD

ITEM LIST			
ITEM	QTY	DESCRIPTION	LENGTH (m)
MOORING LINE			
1	1	8t CLUMP WEIGHT	-
2	7	12t SWL BOW SHACKLE	-
3	1	40mm G3 STUDLESS CHAIN	130
4	1	26mm D12+ DYNEEMA ROPE	40
5	1	28mm SWIVEL ASSEMBLY	-
6	1	28mm G2 STUDLESS CHAIN	10
LiDAR BUOY STANDARD MOORING ASSEMBLY			
7	9	12t SWL BOW SHACKLE	-
8	1	MASTER LINK ASSEMBLY	-
9	4	26mm G2 STUDLESS CHAIN	3
10	4	ISOLATING SHACKLE	-

CLIENT:			
 FLOATING LIDAR SOLUTIONS			
A02	24.02.23	ISSUED FOR COMMENTS	M.R. C.N. N.J.P.P.
A01	10.02.23	ISSUED FOR COMMENTS	M.R. C.N. N.J.P.P.
REV	DATE	DETAILS OF ALTERATION	DRAWN CHECK. APPD.

PROJECT:		EOLOS NORTH SEA, SCOTLAND	
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TITLE:			
EOLOS E25 MOORING LINE MAKE-UP & DETAILS			
LMC No.	8616-LMC-NAV-DWG-8003	SCALE:	1:100 REV. A02
ALT. No.	-	SIZE:	A1 SHEET 01 of 01

ELEVATION SHOWING MOORING LINE MAKE UP - E25