

Morgan and Mona Offshore Wind Farms

Notice to Mariners

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|----------------------|--|
| NtM Number | Morgan and Mona Offshore Windfarms /015 (metocean and floating LiDAR service visit) |
| Date of Issue | 11.05.22 |

1 Planned Activity



Metocean instrumentation and floating LiDAR instrumentation have been deployed within the boundary of the proposed Morgan (North) and Mona (South) Offshore Wind Farm Project sites in the Irish Sea.

The metocean instrumentation within the Mona and Morgan Project site were deployed successfully in November 2021. It should be noted that instrumentation is deployed on the seabed some distance from the surface buoy, so marine users are requested to maintain the safe clearance distances as outlined in Section 3 below. Further details on the mooring design are available in Section 7. Metocean instrumentation at the Mona (South) location has been temporarily recovered from site due to damage to the mooring; **this is planned for redeployment during the w/c 16 May. A service visit of the Morgan metocean instrumentation is also planned during the w/c 16 May.**

The floating LiDAR instrumentation were successfully deployed at the Mona Project site and the Morgan project site in March 2022. It should be noted that instrumentation is deployed on the seabed some distance from the surface buoy, so marine users are requested to maintain the safe clearance distances as outlined in Section 3 below. Further details on the mooring design are available in Section 7. **The AIS on the Mona floating LiDAR is not currently operating, but all other safety measures remain active and functional – repair work is planned for the w/c 16 May. A service visit of the Morgan floating LiDAR is also planned during the w/c 16 May.**

The equipment will be maintained in position via appropriate mooring systems and will gather metocean data to inform the proposed Project. Details of the devices and relevant Aids to navigation are provided below.

The metocean instrumentation and floating LiDAR equipment service visit planned for the w/c 16 May will be carried out by the Forth Joustier and is expected to take approximately 4 days. During the Floating Lidar servicing it will either be towed to port or landed on the deck of the vessel for servicing prior to redeployment.

| Floating LiDAR instrumentation | | Metocean instrumentation | |
|---|---|---|---|
| Morgan Name: Fugro Buoy WS188 MMSI: 992351368 | Mona Name: Fugro Buoy WS187 MMSI: 992351369 | Morgan Name: Morgan 01 MMSI: 992351367 | Mona Name: Mona 01 MMSI: 992351366 |
| Yellow 'X' shaped topmark Yellow in colour Fl (5) Y 20s light (3.5nm range) Flash rate not exceeding 20 per minute |  |  | Yellow 'X' shaped topmark Yellow in colour Fl (5) Y 20s light (3.5nm range) Flash rate not exceeding 20 per minute |

2 Geographic co-ordinates and chart of survey area

All positions quoted in WGS84: latitude /longitude (in degrees decimal minutes)

| Area | Floating LiDAR anchor | Metocean instrumentation | Metocean marker buoy anchor |
|----------------|---------------------------------|-------------------------------|-------------------------------|
| Morgan (North) | 53° 59.5211' N 3° 59.4018' W | 53° 59.709' N 3° 59.730' W | 53° 59.746' N 3° 59.661' W |
| Mona (South) | 53° 40.0799' N 3° 53.444' W | n/a | n/a |

3 Safe clearances, navigation safety features and safety notes for mariners

All vessels are requested to maintain a safe distance (500m) from the maintenance vessels (Forth Joustier) at all times. All vessels are requested to maintain a safe distance (400m) from the deployed monitoring equipment at all times.

4 Outline programme of works

Deployment (both Mona and Morgan Project sites)

| Floating LiDAR instrumentation | Metocean instrumentation |
|--|--|
| Estimated Deployment Date: <i>Complete</i> | Estimated Deployment Date Morgan: <i>Complete</i> Estimated Deployment Date Mona: <i>Complete</i> |

Operation (both Mona and Morgan Project sites)

| Floating LiDAR instrumentation | Metocean instrumentation |
|-----------------------------------|---|
| Start: March 2022 End: Q1 2024 | Start: November 2021 End: October/ November 2022 |

Maintenance schedule (both Mona and Morgan Project sites)

| Floating LiDAR instrumentation | Metocean instrumentation |
|--|---|
| May 2022 (unscheduled work at both Morgan and Mona locations) October 2022 July 2023 | May 2022 (planned maintenance and redeployment of instrumentation at the Mona location) August 2022 November 2022 |

5 Vessel details

| | |
|----------------------------|------------------------------------|
| Vessel Name: | Forth Joustier |
| Vessel Type / LOA(m): | Multi-role survey vessel / 26.00 m |
| VHF Call Sign: | 2BME4 |
| MMSI: | 235067372 |
| Vessel Operator Telephone: | 01592 872939 |

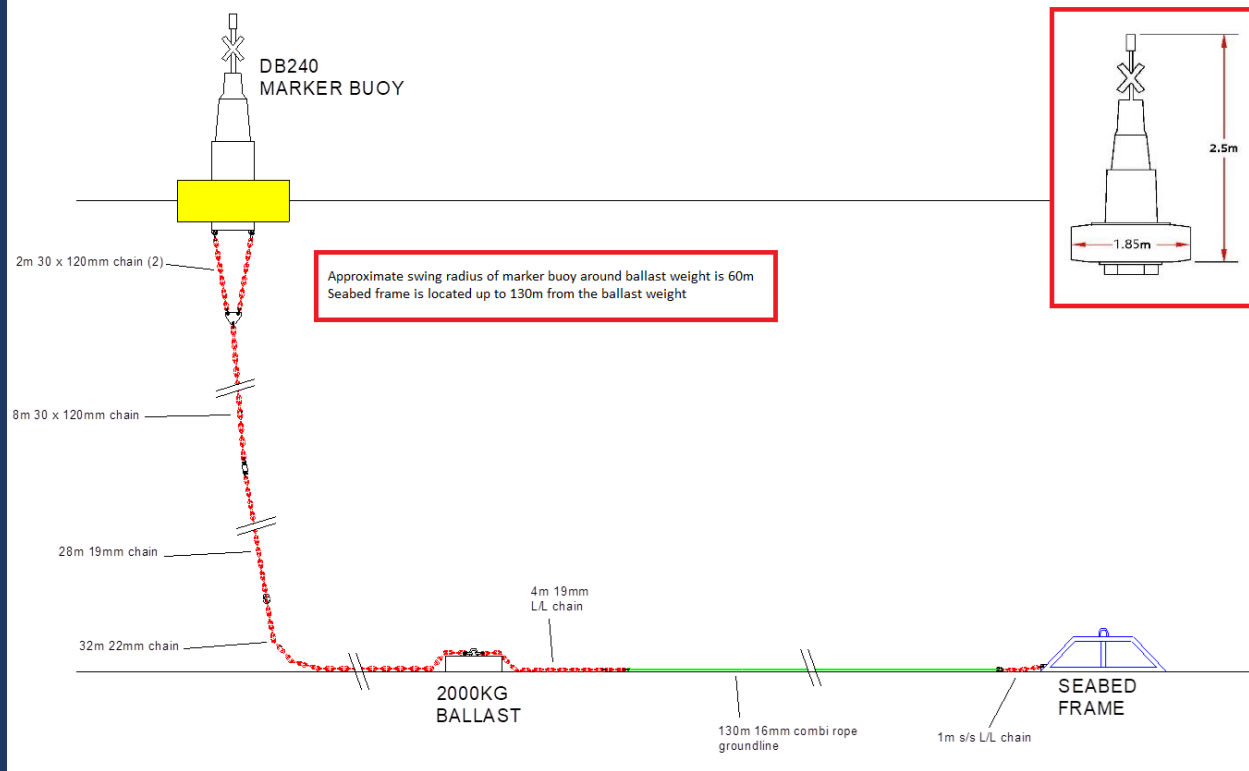


6 Project Contact Details

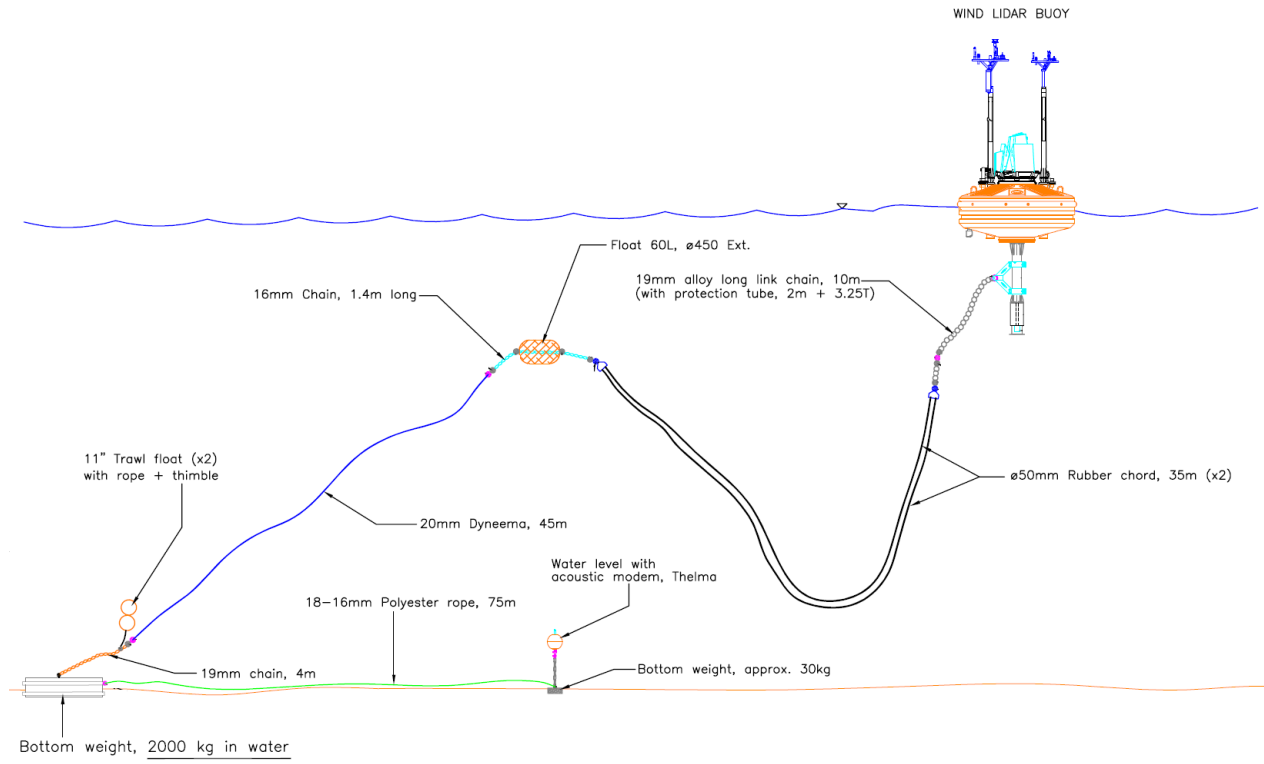
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|---|---|
| Fishing Industry Representative: Tom Watson (NFFO) Email: tomwatsonfleetwood@btinternet.com Telephone: +44 790 317 3624 | Company Fisheries Liaison Officers: Beth Owens (MarineSpace) Email: Yellow1-2CFLO@marinespace.co.uk Telephone: +44 783 355 7808 Jonny Lewis (MarineSpace) Email: Yellow1-2CFLO@marinespace.co.uk Telephone: +44 781 764 4284 |
|---|---|

7 Equipment set up

Metocean instrumentation:

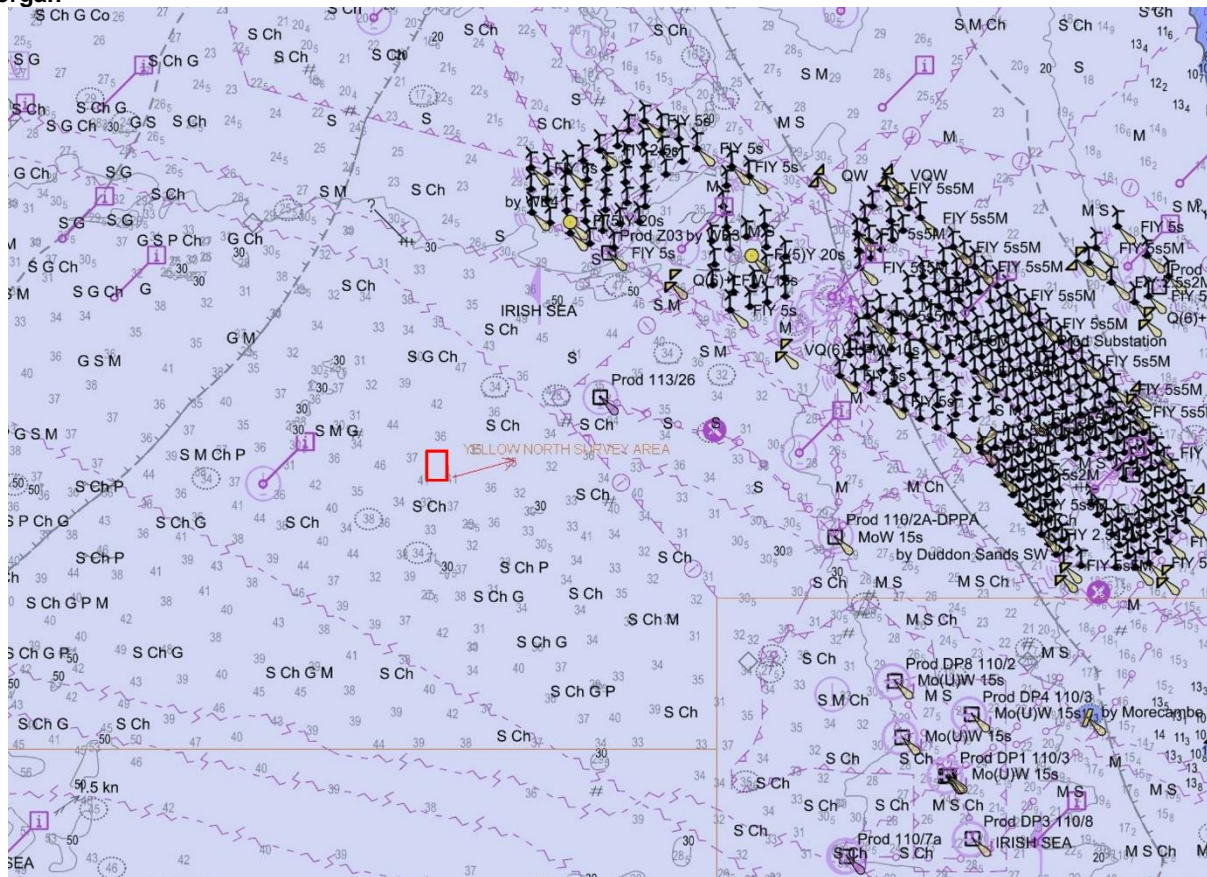


Floating LiDAR instrumentation:



8 Chart of metocean and floating LIDAR instrumentation location

Morgan



Mona

