Partners in UK offshore wind

# Morgan and Mona Offshore Wind Farms

# Notice to Mariners

| | |
|---|---|
| **NtM Number** | **Morgan and Mona Offshore Windfarms /015_v12**<br><br>**(updated vessel information)** |
| **Date of Issue** | **23.11.2022** |

## 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. Recovery of this instrumentation is now scheduled, having been deployed for 12 months.

Until metocean equipment is recovered, it should be noted that instrumentation is deployed on the seabed some distance from the surface buoy; 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 floating LiDAR instrumentation were successfully deployed at the Mona Project site and the Morgan project site in March 2022 and this is scheduled to remain in place until 2024.

Scheduled servicing of floating LiDAR equipment is currently underway at the Mona location. As part of these works, a replacement floating LiDAR system was deployed at an amended location within the licenced area (refer to Section 2 for location details). Due to weather constraints, it was not possible to recover the existing floating LiDAR from the Mona location as planned. As a result, two floating LiDAR systems are currently deployed at the Mona location until the weather improves sufficiently to action recovery of one of these systems. This will be carried out at the earliest possibility.

The scheduled service of the Morgan floating LiDAR instrumentation will take place once works at Mona are complete. These servicing operations will adopt one of two approaches: (1) the instrumentation and mooring will be fully recovered while servicing takes place then redeployed on position when this task is complete or (2) the existing system will be recovered to the vessel and the mooring buoyed and left in situ while on shore servicing occurs.

It should be noted that instrumentation is deployed on the seabed some distance from the surface floating LiDAR 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.

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

| **Floating LiDAR instrumentation** | | **Metocean instrumentation** | |
|---|---|---|---|
| **Morgan**<br>**Name: Fugro Buoy WS188**<br>**MMSI: 992351368** | **Mona**<br>**Name: Fugro Buoy WS155**<br>**MMSI: 992351395**<br><br>**Name: Fugro Buoy WS187**<br>**MMSI: 992351369** | **Morgan**<br>**Name: Morgan 01**<br>**MMSI: 992351367** | **Mona**<br>**Name: Mona 01**<br>**MMSI: 992351366** |
| Yellow ‘X’ shaped topmark<br>Yellow in colour<br><br>Fl (5) Y 20s light (3.5nm range)<br><br>Flash rate not exceeding 20 per minute |  |  | Yellow ‘X’ shaped topmark<br>Yellow in colour<br><br>Fl (5) Y 20s light (3.5nm range)<br><br>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 | Temporary second floating LiDAR | Metocean instrumentation | Metocean marker buoy anchor |
|---|---|---|---|---|
| Morgan (North) | 53° 59.5211' N<br>3° 59.4018' W | N/A | 53° 59. 7213' N<br>3° 59. 7137' W | 53° 59.764' N<br>3° 59.648' W |
| Mona (South) | 53° 40.461' N<br>3° 54.080' W | 53° 40.0799' N<br>3° 53.444' W | 53° 40.2676' N<br>3° 53.7724' W | 53° 40.3103' N<br>3° 53.6932' W |

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

All vessels are requested to maintain a safe distance (500m) from the maintenance vessel 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:** *Complete* | **Estimated Deployment Date Morgan:** *Complete*<br>**Estimated Deployment Date Mona:** *Complete* |

**Operation (both Mona and Morgan Project sites)**

| Floating LiDAR instrumentation | Metocean instrumentation |
|---|---|
| **Start:** March 2022<br>**End:** Q1 2024 | **Start:** November 2021<br>**End:** November 2022 |

**Maintenance schedule (both Mona and Morgan Project sites)**

| Floating LiDAR instrumentation | Metocean instrumentation |
|---|---|
| November 2022 (scheduled service visit) | *Recovery planned November 2022* |

## 5 Vessel details

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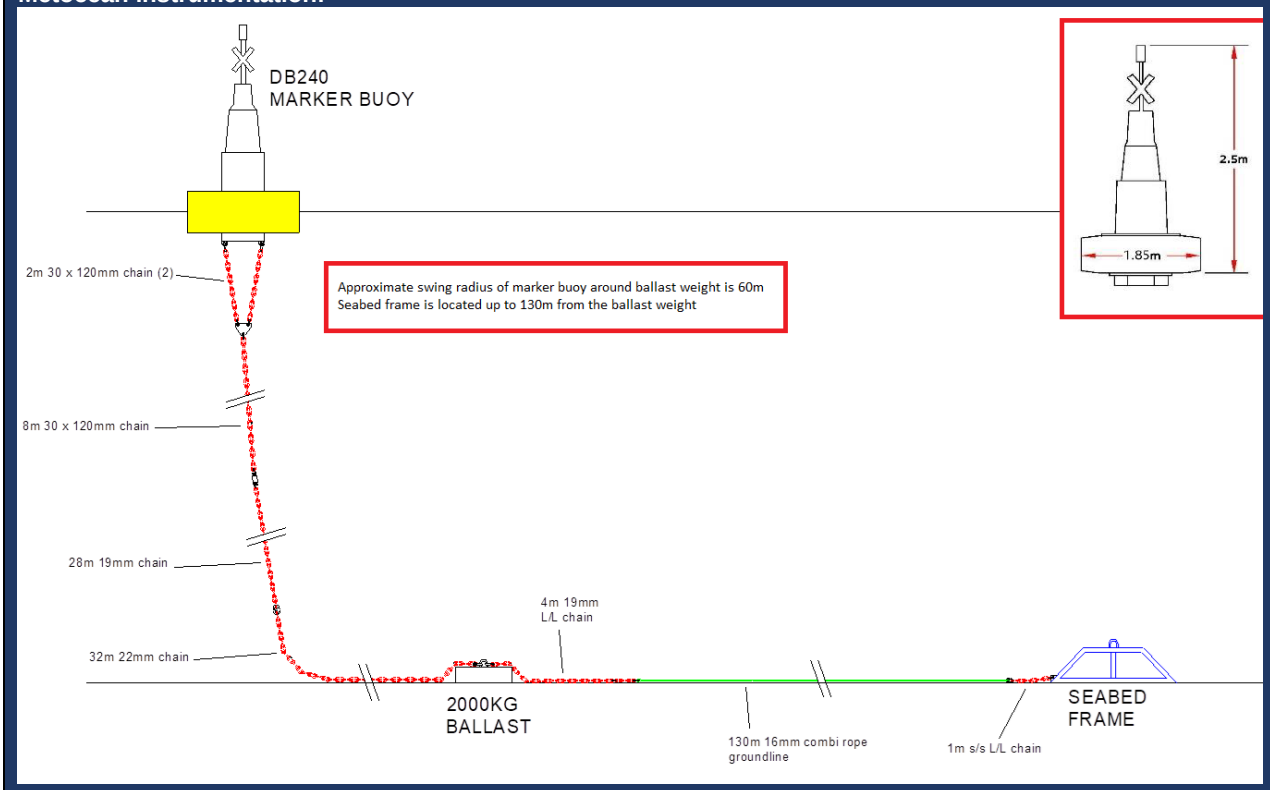
|---|---|
| **Vessel Name:** | CT Barnston |
| **Vessel Type / LOA(m):** | Multi-role survey vessel / 20.08 m |
| **VHF Call Sign:** | MLZU5 |
| **MMSI:** | 232043206 |
| **Vessel Operator Telephone:** | 0151 327 8018000 |
| |  |
| **Vessel Name:** | C-Fenna |
| **Vessel Type / LOA(m):** | Multi-role survey vessel / 26.48 m |
| **VHF Call Sign:** | MBAH3 |
| **MMSI:** | 232008023 |
| **Vessel Operator Telephone:** | +44 (0)1856 874 725 |

## 6 Project Contact Details

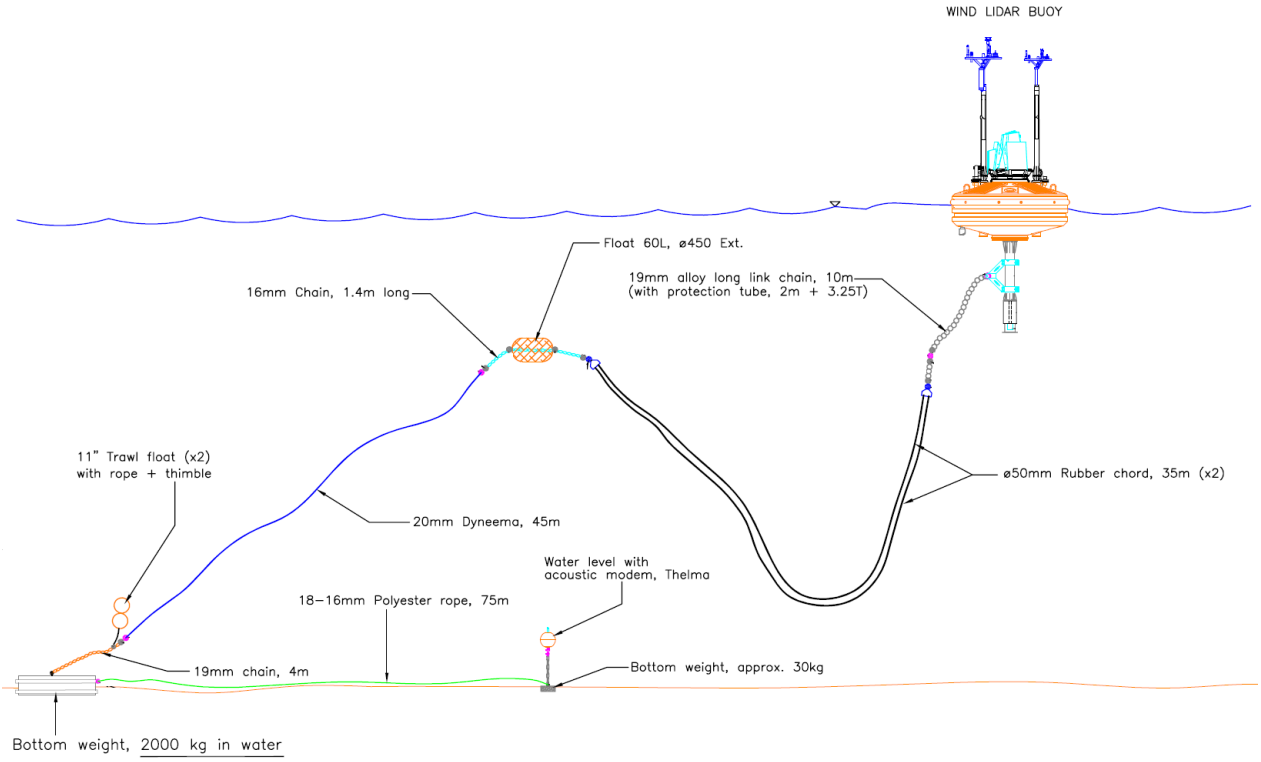
| Fishing Industry Representative: | Company Fisheries Liaison Officers: |
|---|---|
| **Tom Watson (NFFO)**<br><br>**Email: tomwatsonfleetwood@btinternet.com**<br><br>**Telephone: +44 790 317 3624** | **Beth Owens (MarineSpace)**<br>**Email:**<br>**Yellow1-2CFLO@marinespace.co.uk**<br>**Telephone: +44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

## 7 Equipment set up

**Metocean instrumentation:**

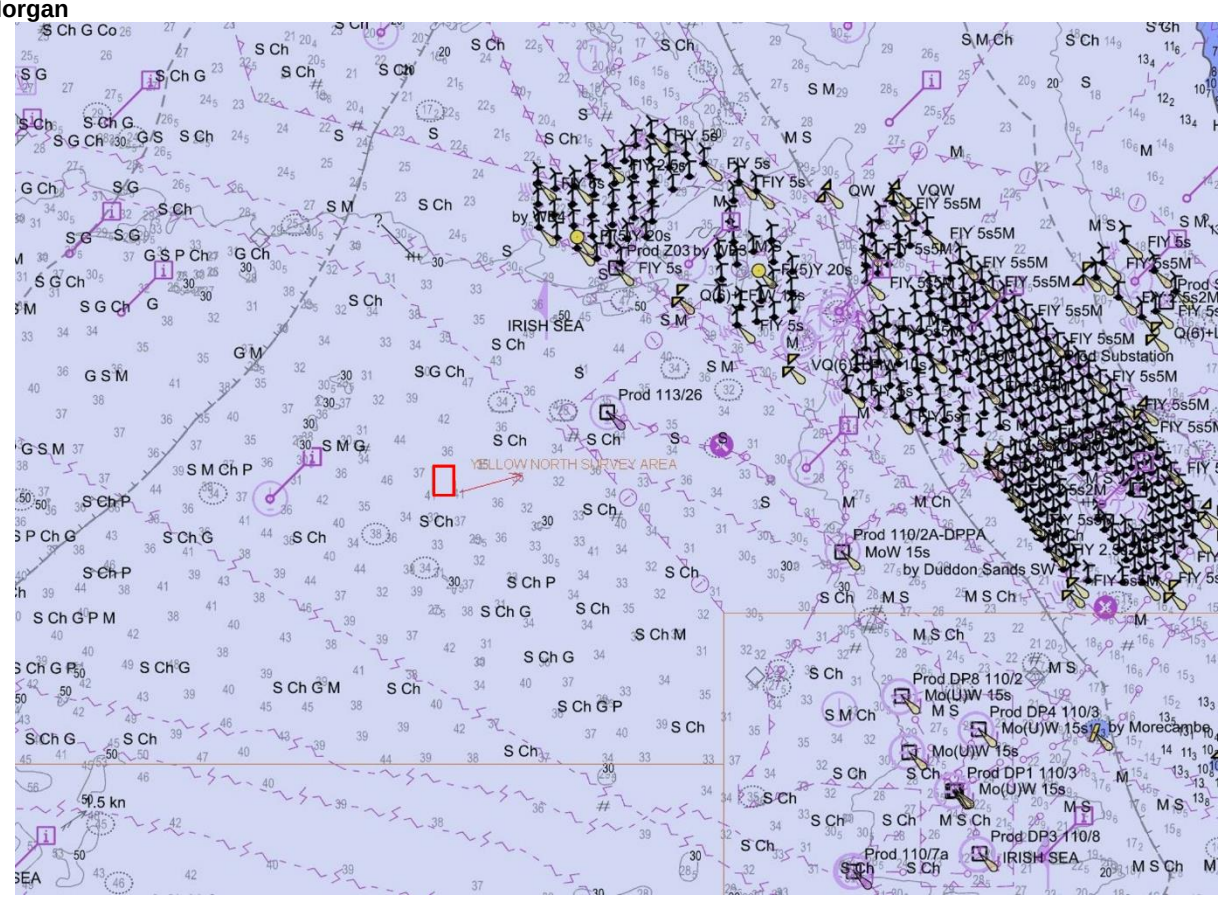


**Floating LiDAR instrumentation:**



## 8 Chart of metocean and floating LiDAR instrumentation location

**Morgan**




**Mona**