

# Update: Erebus Geotechnical Survey

## Completion of the Aran 120 Works Angle Bay

### Notice to Mariners

|                      |  |
|----------------------|--|
| <b>NtM Number</b>    | <b>Erebus/002 v003 Offshore Geotechnical</b> |
| <b>Date of Issue</b> | <b>25.04.2023</b>                            |

#### 1 Planned Activity

**Update:** Please note the geotechnical works described in the NtM issued on the 27th March / 19th April 2023 (reference: Erebus/002 v001 Nearshore Geotech) regarding West Angle Bay are now complete and the Aran 120 has been demobilised to Pembroke Port.

The remaining work for this survey is currently underway on the export cable and array area, having started on the 19<sup>th</sup> April 2023. The work will be undertaken by the vessels *Voe Vanguard* and *Fugro Scout* operated by the survey contractor - Fugro. Vessel details are provided below.

These additional surveys are anticipated to occur in two phases; the first phase lasting for an approximate duration of between 10-14 days with the *Voe Vanguard* undertaking works estimated to start from the 19<sup>th</sup> of April 2023. The second phase will utilise the vessel *Fugro Scout*, with works expected to start on the 29<sup>th</sup> of April 2023. These timings are weather dependent and may be subject to change.

During the survey campaign, vessels will be deploying underwater Cone Penetration Test / Vibrocore equipment / rotary borehole drilling. During these times the vessels will have restricted ability to manoeuvre and therefore all other vessels are requested to fully comply with COLREGS obligations in respect of this.

**For the extent of the planned geotechnical survey a wider working area (500m radius from the sample location) is expected to account for vessel movement/location/turning radius etc.**

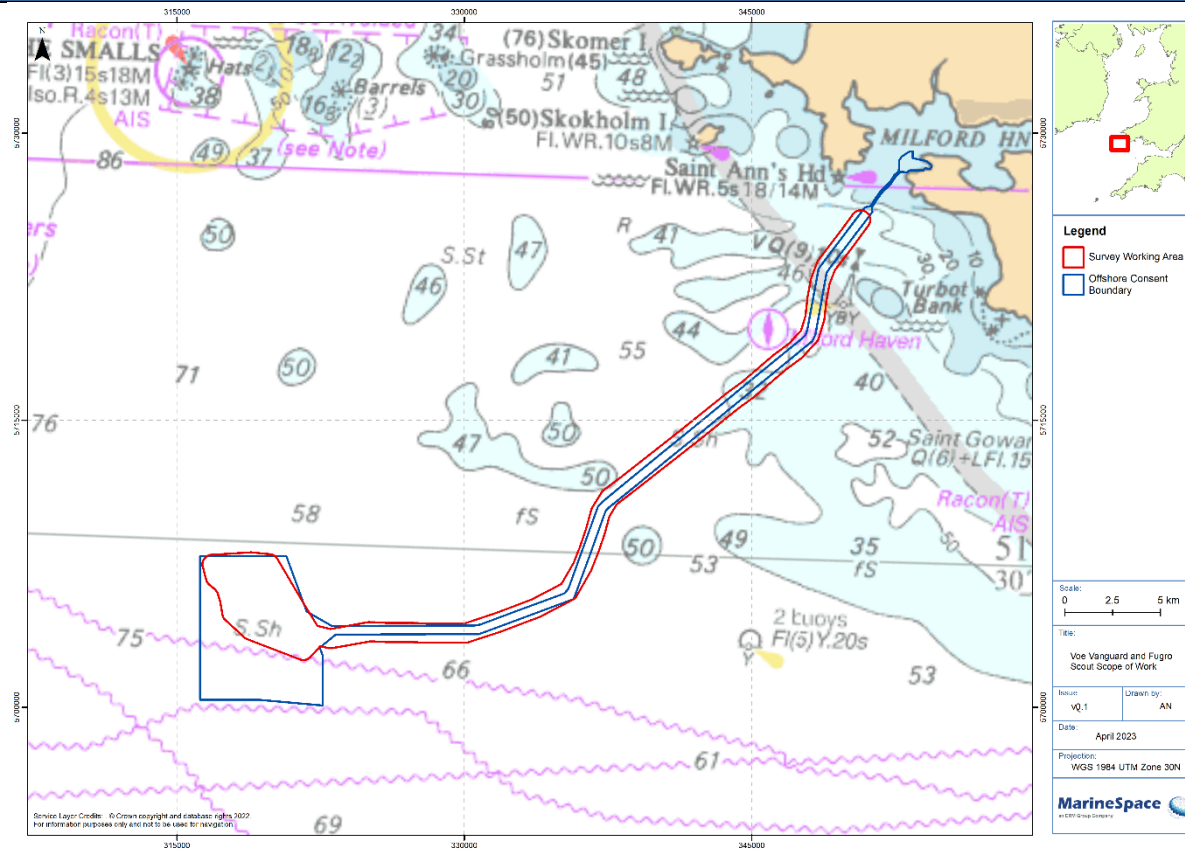
The survey will cover the main offshore array areas and cable corridor. The extent of the planned survey is shown in the attached figure. Coordinates of the offshore array and cable corridor are also provided below.

#### 2 Outline Programme of Works (approximate)

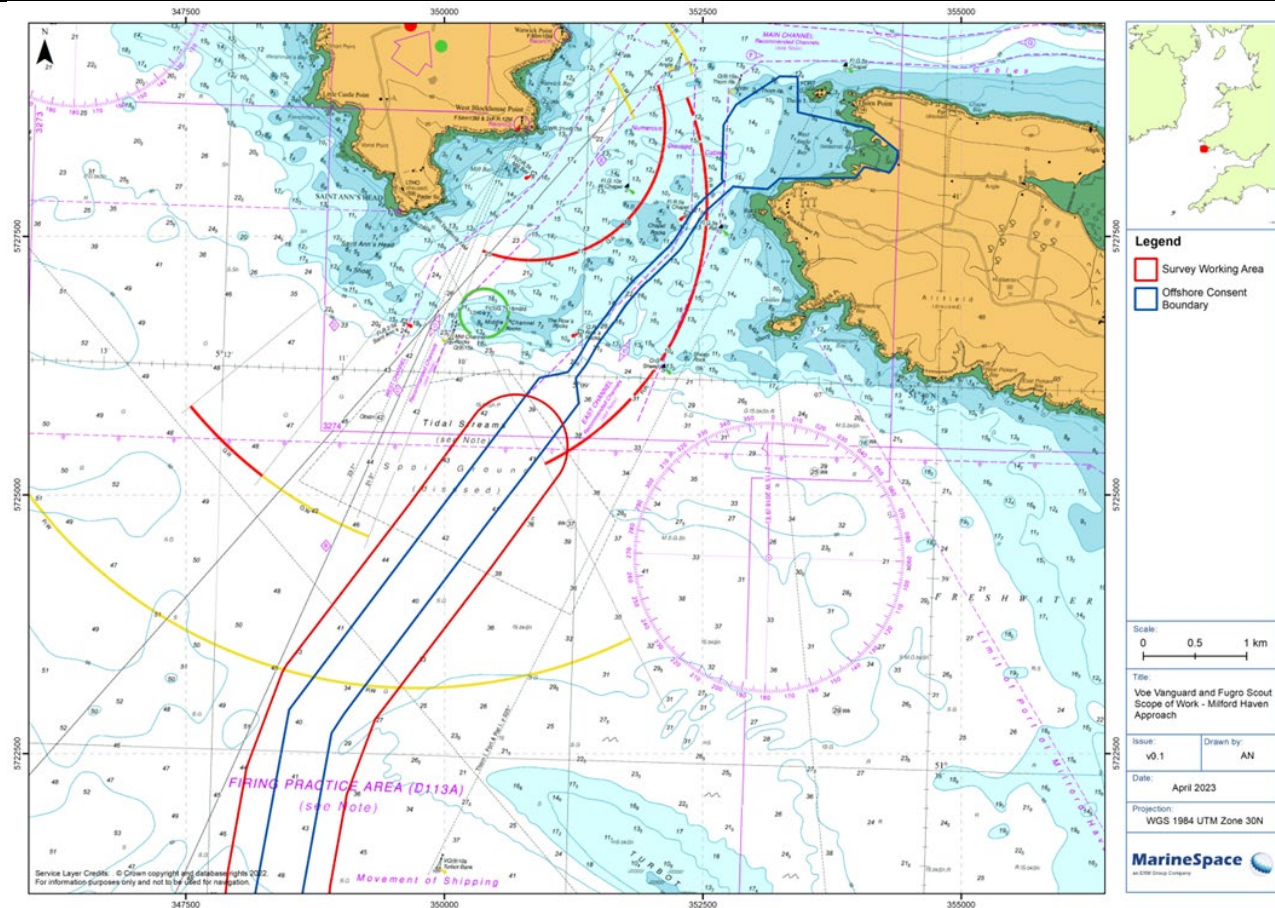
|                     |                                 |                                       |
|---------------------|---------------------------------|---------------------------------------|
| <i>Voe Vanguard</i> | Earliest Start Date: 19/04/2023 | Estimated Completion Date: 10/05/2023 |
| <i>Fugro Scout</i>  | Earliest Start Date: 29/04/2023 | Estimated Completion Date: 20/05/2023 |

**These dates are subject to weather and operational uncertainties that could extend the overall duration, with the potential for further extension to the work duration.**

### 3 Chart of Activity Area, Offshore Cable Corridor and Array Area



### 4 Chart of Activity Area, Offshore Cable Corridor and Array Area

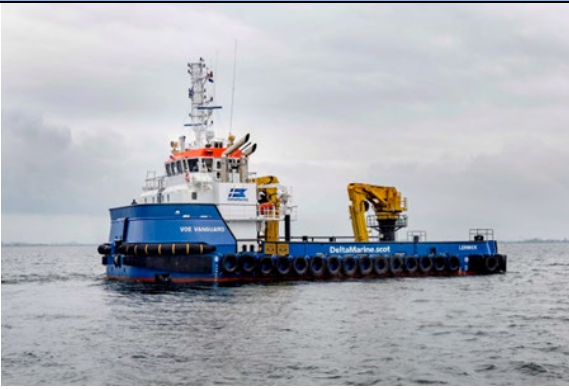


## 5 Safe Clearances, Navigation Safety Features and Safety Notes for Mariners


All vessels are requested to maintain a safe distance (100m) from the survey vessel when it is located within Milford Haven Port Authority (MHPA) limits, outside MHPA limits all vessels are requested to maintain a safe distance (500m) from the survey vessel.

All vessels are required to comply with the COLREGS, especially rules 16 and 18 as vessels involved in works will be restricted in their ability to manoeuvre.

## 6 Vessel Details

|                              |                     |  |
|------------------------------|---------------------|--|
| <b>Vessel Name:</b>          | <b>Voe Vanguard</b> |  |
| <b>Vessel Type / LOA(m):</b> | 33.18m              |  |
| <b>IMO Number:</b>           | 9809693             |  |
| <b>VHF Call Sign:</b>        | MBEN9               |  |
| <b>MMSI:</b>                 | 232008636           |  |

### Drilling Vessel

|                              |                    |   |
|------------------------------|--------------------|---|
| <b>Vessel Name:</b>          | <b>Fugro Scout</b> |  |
| <b>Vessel Type / LOA(m):</b> | 82.9m              |   |
| <b>IMO Number:</b>           | 9600372            |   |
| <b>VHF Call Sign:</b>        | 9V3887             |   |
| <b>MMSI:</b>                 | 566948000          |   |

## 7 Fisheries Liaison Officers

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## 8 Geographic co-ordinates of activity area

All positions quoted in WGS84 UTM Zone 30N and in degrees and decimal minutes

**Please note: The coordinates presented below represent the Survey Works area, allowing 500m in each direction from sampling locations to accommodate vessel movements.**

| Area                          | Degrees Decimal Minutes |                |
|-------------------------------|-------------------------|----------------|
|                               | Latitude                | Longitude      |
| Cable Corridor and Array Area | 51° 27.9359 N           | 005° 24.3227 W |
|                               | 51° 27.3660N            | 005° 26.7156 W |
|                               | 51° 27.3120 N           | 005° 31.0499 W |
|                               | 51° 27.0780 N           | 005° 32.8157 W |
|                               | 51° 27.1259 N           | 005° 33.3138 W |
|                               | 51° 26.7780 N           | 005° 33.7907 W |
|                               | 51° 26.7240 N           | 005° 34.1261 W |
|                               | 51° 27.2698 N           | 005° 36.6707 W |

|               |                 |
|---------------|-----------------|
| 51° 27.7738 N | 005° 37.6278 W  |
| 51° 27.8881N  | 005° 37.7501 W  |
| 51° 28.5360 N | 005° 38.0274 W  |
| 51° 28.8240 N | 005° 38.5134 W  |
| 51° 29.3399 N | 005° 38.7425 W  |
| 51° 29.5019 N | 005° 38.6303 W  |
| 51° 29.5859N  | 005° 38.3712 W  |
| 51° 29.6999 N | 005° 36.5814 W  |
| 51° 29.6399 N | 005° 35.5512 W  |
| 51° 27.6960 N | 005° 33.4590 W  |
| 51° 27.6239 N | 005° 32.8746 W  |
| 51° 27.8519 N | 005° 31.1220 W  |
| 51° 27.9000N  | 005° 26.8601 W  |
| 51° 28.6379 N | 005° 23.8613 W  |
| 51° 29.1059 N | 005° 22.5329 W  |
| 51° 29.7180 N | 005° 22.0109 W  |
| 51° 31.2540 N | 005° 21.2741 W  |
| 51° 31.7520 N | 005° 20.8242 W  |
| 51° 36.0779 N | 005° 12.5988 W  |
| 51° 36.4560 N | 005° 12.0701 W  |
| 51° 36.8760N  | 005° 11.8920 W  |
| 51° 37.9019 N | 005° 11.7006 W  |
| 51° 38.4358 N | 005° 11.4018 W  |
| 51° 39.8220 N | 005° 9.8165 W   |
| 51° 39.8879N  | 005° 9.4482 W   |
| 51° 39.7439 N | 005° 9.1349 W   |
| 51° 39.4800 N | 005° 9.1524 W   |
| 51° 38.1779 N | 005° 10.6373 W  |
| 51° 37.7819 N | 005° 10.8546 W  |
| 51° 36.7680 N | 005° 11.0406 W  |
| 51° 36.1619 N | 005° 11.3400 W  |
| 51° 35.6819 N | 005° 12.0077 W  |
| 51° 34.5419 N | 005° 14.11800 W |
| 51° 31.4039 N | 005° 20.1509 W  |
| 51° 31.0560 N | 005° 20.4677 W  |
| 51° 29.5079 N | 005° 21.2141W   |
| 51° 28.7400 N | 005° 21.8682 W  |
| 51° 28.1579 N | 005° 23.4720 W  |
| 51° 27.9359 N | 005° 24.3227 W  |