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# **Notice to Mariners – Offshore Geotechnical Site Investigation**

Awel y Môr

F197369-NtM | 8 July 2022

For Distribution

**Awel y Môr Offshore Wind Farm Limited**

**RWE**

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## Document Control

### Document Information

Project Title	Awel y Môr Offshore Wind Farm Project Site Investigation
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### Client Information

Client	Awel y Môr Offshore Wind Farm Limited
Client Address	Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, SN5 6PB
Client Contact	Sally Dalrymple

### Revision History

Issue	Date	Status	Comments on Content	Prepared By	Checked By	Approved By
00	7 July 2022	For Review	Awaiting client comments	NM	NM	NM
01	8 July 2022	For Distribution		NM	NM	NM

### Project Team

Initials	Name	Role
NM	Nathalie Mallarino	Project Manager
DK	Dirk-Jan Karssen	Project Director
RH	Richard Hall	Project QHSSE Manager
BB	Bob Berndsen	Vessel Operations Manager
FB	Frank Baijens	Party Chief
MS	Michael Schmidt	Party Chief

# 1. Introduction

The Awel y Môr Offshore Wind Farm is an extension of the Gwynt y Môr Offshore Wind Farm originally developed by RWE in the Irish Sea. The proposed site has a total area of 106km<sup>2</sup> with a capacity of approximately 576 MW. The development will include offshore transmission assets, with the export cable route likely to reach landfall on the North Wales coast to allow a grid connection at Bodelwyddan in Denbighshire.

Fugro will undertake a geotechnical site investigation to characterise the Awel y Môr Offshore Wind Farm extension areas.

Figure 1 is a map of the project location and includes the project boundaries.

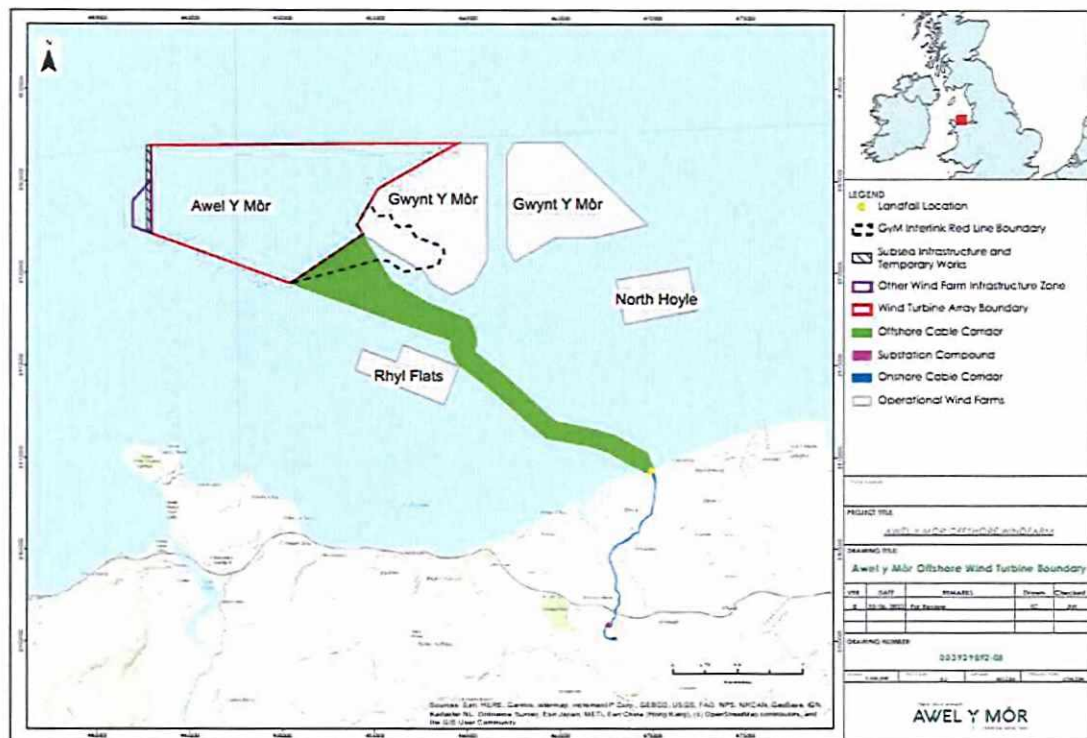


Figure 1: Project Location Map

This Notice to Mariners is an initial notification of Fugro’s intended schedule and utilisation of vessels to perform the abovementioned scope. It should be noted the actual schedule and project execution can be subject to change.

## 2. Area of Operations

The coordinates of the survey area are provided in Table 2.1 below.

Table 2.1: Survey Area Coordinates

Label	WGS84		WGS84	
	Coordinates UTM zone 30N		Coordinates Degrees Minutes Seconds	
	Easting (m)	Northing (m)	Lat (N)	Lon (E)
AWEL- BH01	446011.00	5924771.00	53° 28' 8.9868	-3° 48' 47.9988
AWEL- BH02	446977.00	5921153.00	53° 26' 12.2748	-3° 47' 53.4192
AWEL- BH03	450795.00	5925174.00	53° 28' 23.7144	-3° 44' 28.7988
AWEL- BH04	452814.73	5921376.00	53° 26' 21.4872	-3° 42' 37.2096
AWEL- BH05	443911.00	5923191.00	53° 27' 17.0748	-3° 50' 40.8588

Figure 2 is a map of the proposed borehole locations.

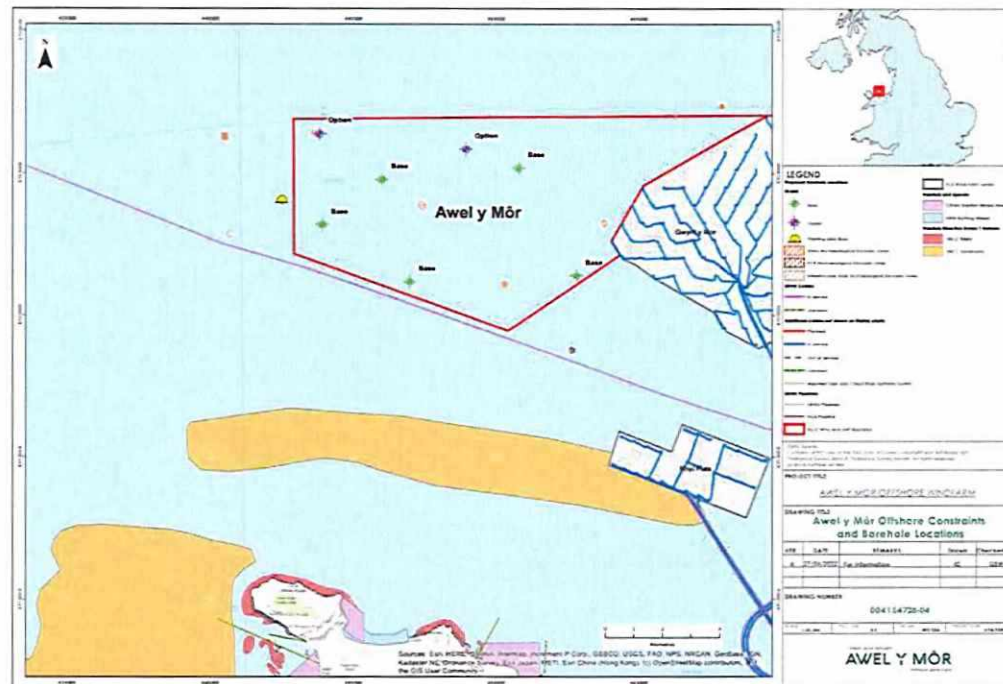


Figure 2: Proposed Borehole Locations

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### 3. Geotechnical Site Investigation

The geotechnical investigation is expected to be carried out from the geotechnical DP2 drilling vessel **Gargano** starting around 1<sup>st</sup> August. Please note that the mobilization and demobilization dates will be dependent on the prevailing weather conditions and work progress. The vessel will be deployed for a period of between 3 to 5 weeks.

Operations will be conducted on a 24-hour basis. The vessel will be having regular port calls for crew change and bunkering purposes. Typically, a 4-week rotation schedule is maintained.

**As the Gargano will be conducting drilling operations using a dynamic positioning system, it is requested that all vessels operating within this area keep their distance, maintaining at least the 500 m exclusion zone, and pass at minimum speed to reduce vessel wash.**



## 4. Immediate Contacts

The contents of this notice are based upon our current site investigation programme and upon Fugro's planning at the time of submission. It should be noted that Fugro will endeavour to update this notice as required.

Enquiries regarding the contents of this Notice to Mariners, or any other matters, should be directed to Fugro (survey contractor).

For any fisheries related matters, please contact the projects Fisheries Liaison Officer, using the contact details provided below.

**Nathalie Mallarino – Project Manager**

**Tel:** +31 6 18912700 (mob), **Email:** [n.mallarino@fugro.com](mailto:n.mallarino@fugro.com)

For enquiries related to Fishing, please contact the dedicated Fisheries Liaison Officer for the Awel y Môr Offshore Wind Farm:

**Jim Andrews – Fisheries Liaison Officer (FLO)**

**Tel:** +07908-225865, **Email:** [jim@awjmarine.co.uk](mailto:jim@awjmarine.co.uk)

## 5. Survey Vessels

The geotechnical operations will be conducted by the geotechnical drilling vessel Gargano. Client, contractor, and fisheries liaison contact details are provided in the Notice to Mariners distribution list in Section 6.

Table 5.1: Gargano

	General Information	
	Name	Gargano
	Flag	United Kingdom
	Call Sign	VSMW5
	Class	PSV
	Dimensions	
	Length	72.00 m
	Beam	16.00 m
	Maximum Draught	7.00 m
	Gross Tonnage	2244.00 tonnes
	Communication	
	Master	+44 7788 975 807 +44 1224 372 500
	Email:	bridge.gargano@tdw.com

## 6. Distribution List

This Notice to Mariners has been distributed to the following authorities, companies and individuals:

### 6.1 Maritime Notification and Authorities

Table 6.1: Maritime and Authorities

Organisation	Address	Phone	E-mail	Role
UK Hydrographic Office	Admiralty Way Taunton Somerset TA1 2DN	+44 (0) 1823 337 900	<a href="mailto:nawarnings@ukho.gov.uk">nawarnings@ukho.gov.uk</a>	Radio Navigation Warnings
			<a href="mailto:sdr@ukho.gov.uk">sdr@ukho.gov.uk</a>	H-Notes
MOD Portsmouth			<a href="mailto:desnbcpcob-dghm@mod.co.uk">desnbcpcob-dghm@mod.co.uk</a>	UK Ministry of Defence
UK Maritime and Coastguard Agency	Spring Place 105 Commercial Road Southampton Hampshire SO15 1EG	+44 (0) 23 8032 9486	<a href="mailto:navigationsafety@mcga.gov.uk">navigationsafety@mcga.gov.uk</a>	UK Coastguard
Trinity House Lighthouse Service	Tower Hill London EC3N 4DH	+44 (0) 20 7481 6900	<a href="mailto:navigation.directorate@thls.org">navigation.directorate@thls.org</a>	England/Wales lights, marks and buoys
Marine Management Organisation	Pakefield Rd, Lowestoft NR33 0HT	01502 573149	<a href="mailto:lowestoft@marinemangement.org.uk">lowestoft@marinemangement.org.uk</a>	
Marine Management Organisation	Neville House Central Riverside Bell Street North Shields NE30 1LJ	+44 (0) 191 257 4520	<a href="mailto:northsheilds@marinemangement.org.uk">northsheilds@marinemangement.org.uk</a>	
Marine Management Organisation	Lancaster House Hampshire Court Newcastle upon Tyne NE4 7YH	+44 (0) 300 123 1032	<a href="mailto:Marine.consents@marinemangement.org.uk">Marine.consents@marinemangement.org.uk</a>	
The Crown Estate	1 St James's Market, London, SW1Y 4AH	+44 (0) 20 7851 5077	<a href="mailto:Stuart.Curry@thecrownestate.co.uk">Stuart.Curry@thecrownestate.co.uk</a>	Seabed owner



## 6.2 Fishing Industry

Table 6.2: Fishing Industry

Organisation	Address	Phone	E-mail	Role
Jim Andrews	AW Marine Ltd, 58 Park Road, Windermere, Cumbria, LA23 2DJ.	+07908-225865	<a href="mailto:jim@awjmarine.co.uk">jim@awjmarine.co.uk</a>	Fisheries Liaison Officer

## 6.3 Port Authorities

Table 6.3: Port Authorities

Organisation	Address	Phone	E-mail	Role
Falmouth Port	44 Arwenack Street, Falmouth, Cornwall, TR11 3JQ	+44 (0) 1326 312285	<a href="mailto:admin@falmouthport.co.uk">admin@falmouthport.co.uk</a>	
Port of Liverpool	Liverpool L21 1LA	+44 (0) 151 949 6000	<a href="mailto:info@peelports.com">info@peelports.com</a>	

## 6.4 Client Group

Table 6.4: Client Group

Organisation	Address	Phone	E-mail	Role
Awel y Môr Offshore Wind Farm Limited	Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, SN5 6PB	+44 (0) 7721 445 149	Sally.Dalrymple@rwe.com	Client: Sally Dalrymple

## 6.5 Contractor Group

Table 6.5: Contractor Group

Organisation	Address	Phone	E-mail	Role
Fugro Netherlands Marine	Prismastraat 4, 2631 RT Nootdorp, The Netherlands	+31 6 18912700	<a href="mailto:n.mallarino@fugro.com">n.mallarino@fugro.com</a>	Project Manager: Nathalie Mallarino
Fugro Netherlands Marine	Prismastraat 4, 2631 RT Nootdorp, The Netherlands	+31 6 51295849	<a href="mailto:dj.karssen@fugro.com">dj.karssen@fugro.com</a>	Project Director: Dirk-Jan Karssen
Fugro GB Marine Limited	Fugro House, Hithercroft Road, Wallingford, Oxfordshire, OX10 9RB, United Kingdom	+44 (0) 790 0248 417	<a href="mailto:rj.hall@fugro.com">rj.hall@fugro.com</a>	Project QHSSE Manager: Richard Hall