



**Project Llŷr 1 and Llŷr 2 Floating Offshore Wind Farm  
Notice to Mariners**

NtM Number	P10-LYR-3.2.2-NOT-0003 Rev1 - NtM
Date of Issue	30th November 2022

**1 Planned Activity**

The notification is intended for circulation to all interested parties undertaking or managing activities in the vicinity of the planned survey works.

Please be advised that from the 1<sup>st</sup> of December 2022, N-SEA will be conducting geophysical and environmental surveys within the area shown in Chart 4 by the survey vessel 'Braveheart Spirit'. Full vessel details are presented in paragraph 5 below. The survey consists of an offshore windfarm location, and its northern export cable route corridor. The geophysical survey will employ Multi-beam Echo Sounder (MBES), Side-scan Sonar (SSS), a single magnetometer and Sub-bottom Profiler (SBP). The environmental survey will acquire drop down video footage and grab samples.

All environmental sampling will be executed by N-Sea subcontractor Ocean Ecology.

All geophysical survey operations involve towed survey equipment (SSS), Magnetometer and SBP). During geophysical and environmental surveys when equipment is deployed the vessel will be restricted in manoeuvrability. All vessels which are operating within this area are requested to keep a 500 m distance from the Braveheart Spirit when it is restricted in its ability to manoeuvre and pass at minimum speed to reduce vessel wash. The survey vessel will always be listening to VHF Channel 16 but can set any other channel as required. Throughout survey operations, the vessel will be displaying the appropriate lights and shapes as required under COLREGS Rule 27(b). All mariners are reminded of their responsibilities under the International Collision Regulations and are reminded of Marine Notice No 17 of 2007 which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.

All nearshore activities will be undertaken during daylight hours. All offshore activities will be undertaken on a 24 hour basis.

Fisheries liaison is being carried out by SeaSource Offshore, whose details are provided. If you would like further details regarding the geophysical and/or environmental surveys, please contact the N-Sea project manager using the contact details in Paragraph 6.

**2 Geographical Co-Ordinates (UTM 30 / WGS 84)**

**Survey Area**

Degrees Minutes Seconds		
	51°39'08"N	005°03'26"W
	51°38'54"N	005°04'50"W
	51°38'50"N	005°05'35"W
	51°38'54"N	005°06'23"W
	51°38'54"N	005°06'44"W
	51°38'57"N	005°07'18"W
	51°39'06"N	005°07'49"W
	51°39'06"N	005°08'51"W
	51°37'54"N	005°10'14"W
	51°36'16"N	005°10'40"W
	51°35'46"N	005°11'05"W
	51°30'55"N	005°19'55"W
	51°28'38"N	005°21'07"W
	51°23'16"N	005°11'47"W
	51°16'33"N	005°10'46"W
	51°16'33"N	005°28'24"W
	51°24'07"N	005°33'40"W
	51°28'29"N	005°22'44"W
	51°29'20"N	005°22'53"W
	51°29'20"N	005°22'54"W

	51°32'03"N	005°21'06"W
	51°36'42"N	005°12'36"W
	51°38'17"N	005°12'12"W
	51°38'47"N	005°11'50"W
	51°41'28"N	005°08'34"W
	51°41'59"N	005°08'04"W
	51°42'11"N	005°07'41"W
	51°41'38"N	005°03'06"W

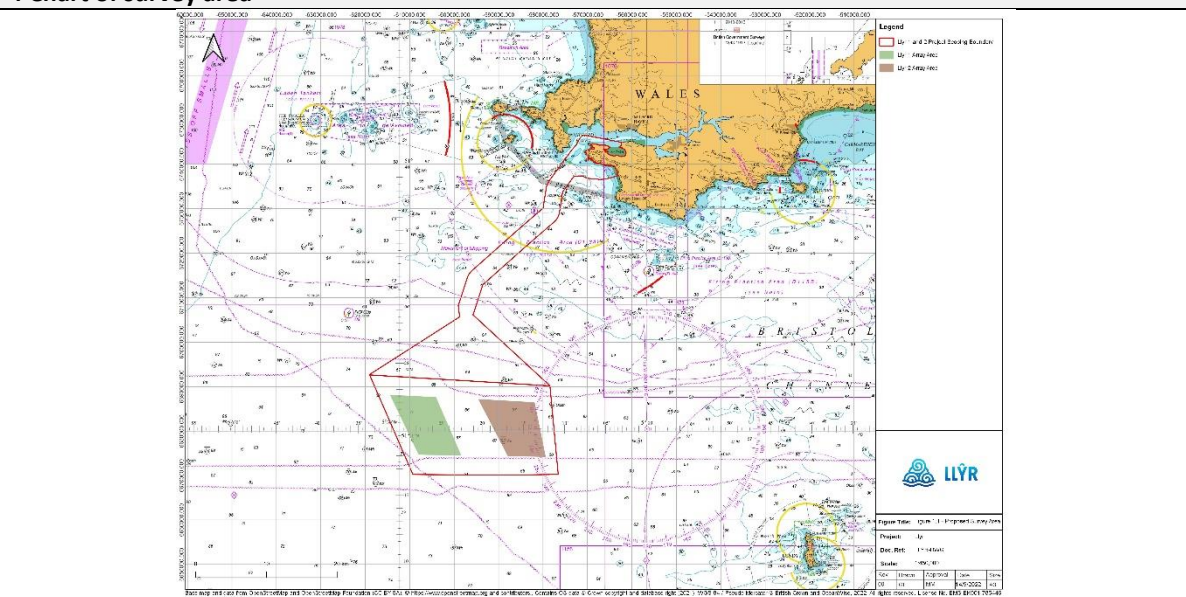
### 3 Outline programme of work

Geophysical survey operational period

Start: 1<sup>st</sup> December 2022

Indicative End: 28<sup>th</sup> February 2022

### 4 Chart of survey area



### 5 Vessel Details



Vessel Name:	Braveheart Spirit
Vessel Type / LOA(m)	Supply/Survey Vessel/73.2m
VHF Call Sign	PEJO
MMSI:	244367000
Vessel VSAT:	+870 773907855
Vessel Bridge Mobile:	+31 652786410
Onshore Contact:	+31 527683839

### 6 Project Contact Details

<i>Fisheries Liaison Officer</i>	
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Rev 1	28/09/2022	GL	JHM	OM	30/11/2022	First issue