

Application for a Band 1 Marine Licence

Project description

Project name

Llyr Floating Offshore Wind Project

Please provide a brief description of the proposed project, including location.

Floventis Energy is developing a proposal for two 100 megawatt (MW) floating offshore wind developments (200 MW) in total in the Celtic Sea, known as Llyr. The proposed Project is a floating offshore wind development within Welsh Waters, approximately 27 km offshore from the Pembrokeshire coastline.

Grab samples will be taken of the seabed to provide detail on the sediment itself and the infauna. The volume of the grab samples will not exceed 4 cubic metres. The density of grab samples (each sampling an area of sediment of 0.1m², with a maximum volume of around 20 L) will not exceed 30 samples (most likely 7 sampling stations) within any one hectare.

Does the activity have an estimated project cost for marine works over £1 million? If yes, the activity is no longer eligible for a band 1 application and a band 3 application will be required.

No

Applicant details

To whom the licence will be issued. This must be a legal entity such as an individual, registered company/ charity or public body.

Title	Mr
Full name	Marc Murray
Company or trading name	Llyr Floating Wind Limited
Company Registration Number (if applicable)	SC608546
Name of contact or individual (if different)	Marc Murray
Position in company	Development Director
Address (provide registered company address if applicable)	The Boathouse, Silversands Hawkcraig Road Aberdour, Fife
Postcode	KY3 0TZ
Telephone number	+ 44 (0) 7568 114449
Email address	marc.murray@ciercoenergy.com

Details of agent, contractor, vehicles and/or vessels used to carry

out works

Does the applicant wish to be included in all correspondence?
Yes

Will the works require the use of vessels?
Yes

Will the works require the use of any vehicles?
Yes

Proposed project details

Licensable period	
Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the requested licence expiry date you may be required to submit a new application. Including a contingency period within your original application does not impact on the licence fee.	
Start date (DD/MM/YYYY)	15/11/2023
Requested licence expiry date (DD/MM/YYYY)	14/11/2024

Please detail the location of the proposed project.	
This should be either Ordnance Survey National Grid Reference (i.e. SN 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long -4.1234), defining the extent of the project. Please specify which coordinate system has been used and if using GIS co-ordinates, specify which projection has been used.	
1 51.58946 -5.11092 14 51.52751 -5.23109 27 51.64732 -5.09724 2 51.55876 -5.16466 15 51.53550 -5.21959 28 51.64719 -5.09491 3 51.53736 -5.18429 16 51.53584 -5.19269 29 51.64719 -5.09373 4 51.53233 -5.18948 17 51.56031 -5.17037 30 51.64724 -5.09257 5 51.53220 -5.21680 18 51.59013 -5.11816 31 51.64756 -5.08872 6 51.52385 -5.22732 19 51.58946 -5.11092 32 51.64498 -5.09195 7 51.52225 -5.32496 20 51.58946 -5.11092 33 51.64121 -5.09187 8 51.51685 -5.33502 21 51.59013 -5.11816 34 51.60536 -5.08603 9 51.46403 -5.36621 22 51.59692 -5.10625 35 51.60449 -5.08628 10 51.48073 -5.36284 23 51.60226 -5.09740 36 51.60345 -5.08744 11 51.51887 -5.33791 24 51.60550 -5.09212 37 51.60133 -5.09086 12 51.52495 -5.32719 25 51.64020 -5.09757 38 51.59836 -5.09534 13 51.52592 -5.32545 26 51.64506 -5.09804 39 51.58946 -5.11092	
Lat and Long (WGS84)	

Method statement

Are the works within a sensitive area or one of the following activities: boreholes, replacement piles or beach management?

No

Method statement

You can upload your method statement here or fill in the questions below.

- File: 2023 Llŷr Survey Band 1 low risk activity Method statement.pdf - [Download](#)

Please give a brief method statement outlining the proposed project

The aim of the survey is to acquire additional benthic ecology data to supplement baseline data previously collected (as covered by the Band 1 marine licence RML2257). This will enable further seabed habitat mapping to better identify and map existing reef habitats to identify sensitive areas and investigate seabed habitats that could provide an alternate export cable route through the nearshore area. These data will inform both final micro siting and route selection and feed into the Environmental Impact Assessment (EIA) and Habitat Regulations Assessment (HRA) to support consent applications in relation to the Llŷr Floating Offshore Wind project in the Celtic Sea.

Benthic surveys, including the collection of grab samples, will be carried out within the additional offshore survey area, as shown in the attached shapefile.

Grab sampling - the number and exact location of grab samples is unknown but will not exceed 30 x 0.1m² samples within the identified survey area. The locations of the samples will be determined based on the bathymetry data and drop-down video sampling, where suitable seabed habitats (i.e. habitats comprising seabed sediments, not sensitive areas of rocky reef) are identified.

No grab sampling equipment will be deployed on hard substrates or at locations with sensitive habitats (such as biogenic reef for example).

For further information see section 2 of the Protected Species and Protected Sites Risk Assessment.

Please state the measures to be taken to minimise risk to the marine environment

Care will be taken during the location selection to ensure that the sample site is free from obstructions. and prior to the grab deployment the sampling area will be ground truthed using drop-down video (DDV). This may form part of the habitat assessment survey (below).

Environment Habitat Assessment survey:

- Benthic survey sampling locations to be identified based upon the geophysical survey data (the geophysical survey is not considered as part of this Band 1 marine licence) and preliminary DDV work which will identify sensitive habitats for the grab sampling to avoid
- Environmental marine scientists will be present during the benthic survey to carry out environmental habitat assessment to undertake visual and physical confirmation of biotopes and seabed habitat characterisation.

Any potentially sensitive habitats identified during the survey will be investigated using high resolution video or stills photography and the extent of any habitats or features identified will be mapped. All sediment types identified by the geophysical data acquisition will be groundtruthed during the habitat assessment survey. In addition, any potential features of cultural/heritage importance (e.g. wrecks) will be investigated.

The geophysical data collected prior to the survey (survey element not considered as part of this Band 1 marine licence) will help inform the areas of interest where benthic samples should be undertaken (identified by an onboard environmental scientist and geophysicist). However, sample sites will be spaced adequately with a maximum of 30 samples grab samples taken in the sampling area (most likely 7 sampling stations). In addition, any potential features of cultural/heritage importance (e.g. wrecks) and sensitive habitats will be investigated.

Key elements from the NRW guidance documents will be incorporated into the final survey specification, including:

- Natural Resources Wales. (2019). GN030d Benthic habitat assessment guidance for marine developments and activities: A guide to characterising and monitoring Sabellaria reefs. Natural Resources Wales, Bangor; and
- Natural Resources Wales. 2019. GN030c Benthic habitat assessment guidance for marine developments and activities: A guide to characterising and monitoring horse mussel Modiolus modiolus reefs. Natural Resources Wales, Bangor.

Specific mitigation measures to minimise risk to the marine environment during survey operations will include:

- Survey vessels will be equipped with Spill kits according to their Ship Oil Pollution Emergency Plan (SOPEP). Spill preventive measures shall be followed while handling or transferring substances that poses a health, safety or environmental hazard (e.g., refuelling and/or servicing equipment on site);
- All equipment, waste and/or debris used or deployed during the survey will be removed on completion of the works;
- To minimise the introduction of non-native species all equipment and materials used during the survey will be in a clean condition during mobilisation and before arrival on site. In addition, the equipment and materials used during the survey will undergo a cleaning procedure before removal from site;
- All vessel(s) working areas shall be kept clean and clear of trip hazards and flammable materials;
- All waste materials shall be disposed of properly and the survey contractor will be responsible for taking the necessary steps to prevent pollution and minimize the generation of waste. The survey contractor will maintain and implement a waste management plan; and
- A dedicated person for watching and monitoring vessel traffic will be present on the bridge at all times. A dropped objects procedure will be implemented and will include reporting and notification procedures to comply with statutory requirements.

Consideration will be given to the location of known wrecks within/adjacent to the additional survey area off Freshwater West, which are well charted/located by the UKHO.

Please state the measures to be taken to prevent undue interference to others

A project representative will engage with and notify the fishermen in the area before the survey commences. Whilst surveying, the vessel crew and survey team will, at all times, be mindful of any fishing interests, particularly fixed gear and where appropriate, put in place measures to minimise and/or avoid interaction.

Local notification will be issued to marine users, including HM Coastguard, fisherman's organisations, neighbouring port authorities and other local stakeholders to ensure that they are made fully aware of the activity.

Please state the measures to be taken to maintain navigational safety, including marking and lighting of works

To avoid navigational risk, the following measures will be followed (as per MCA correspondence):

- All relevant maritime safety legislation is followed.
- Issue local notifications to marine users, including fisherman's organisations, relevant authorities and other local stakeholders, to ensure that they are made fully aware of the activity at least five days before commencement.
- HM Coastguard is notified in advance via zone26@hmcg.gov.uk.

The survey team, vessel, crew and equipment will comply with all relevant Health and Safety Legislation.

Materials of the project

Description of materials to be deposited seaward of Mean High Water Springs (MHWS)
(Please tick all that apply)

Other (please provide a description of materials):
N/A

Delivery method of materials to site

If sea delivery, details of vessels to be used with a chart of proposed route and transshipment area is required. If delivery is by vehicle, the details about the proposed access route are required. Please indicate if you are providing details in a separate file.

N/A

Will the works involve removals seaward of MHWS?

Yes

Description of materials to be removed seaward of MHWS (Please tick all that apply)

Silt

Gravel

Sand

Description of objects/materials to be removed seaward of MHWS, including quantities to be removed.

Seabed sediments consisting of stone, gravel sand and mud in varying proportions.

Additional information

Please provide the following:

You must include a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project complete with north arrow and scale

You must include details of correspondence with MCA, Trinity House and The Crown Estate

You must include any pre application advice/correspondence with NRW

Correspondence with RCAHMMW (B1 removals only)

Please upload these below

- File: MCA Correspondence_04 Oct 2023.pdf - [Download](#)
- File: RCAHMMW Correspondence_04 Oct 2023.pdf - [Download](#)
- File: Trinity House Correspondence_19 Oct 2023.pdf - [Download](#)
- File: MHPA Correspondence_13 Oct 2023.pdf - [Download](#)
- File: Figure 1 - Proposed Llŷr Additional Offshore Survey and Project Areas (Updated) Admiralty Chart v3.pdf - [Download](#)
- File: TCE Correspondence for SSL_16 Oct 2023.pdf - [Download](#)
- File: Llŷr Protected Sites & RA _Additional Survey Area _Grabs.docx - [Download](#)
- File: 2023 Llŷr Survey Band 1 low risk activity Method statement.pdf - [Download](#)

Please list below all supporting documents that have been submitted with this application.

1. Email correspondence with Maritime and Coastguard Agency:
MCA correspondence_04 Oct 2023.pdf
2. Email correspondence with Royal Commission on the Ancient and Historical Monuments of Wales:
RCAHMMW Correspondence_04 Oct 2023.pdf
3. Email correspondence with Trinity House
Trinity House Correspondence_19 Oct 2023.pdf
4. Email correspondence with Milford Haven Port Authority
MHPA Correspondence_13 Oct 2023.pdf
5. Chart to show location of project
Figure 1 - Proposed Llŷr Additional Offshore Survey and Project Areas (Updated) Admiralty Chart v3.pdf
6. Additional survey area shapefile (could not be uploaded here so has been emailed instead).
Llŷr_Offshore_Additional_Survey_Area_11092023.zip
7. Protected Species and Sites Risk Assessment
Llŷr Protected Sites and RA _Additional Survey Area _Grabs.docx
8. Email correspondence for the application to the Crown Estate for SSL Licence
TCE Correspondence for SSL_16 Oct 2023.pdf
9. Llŷr Offshore Survey Band 1 low risk method statement
2023 Llŷr Survey Band 1 low risk activity Method statement.pdf

Statutory powers

Does the applicant have statutory powers to consent any aspect of the project? e.g. coast protection authority, dredging powers, statutory undertakers

No

Public register

Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

	Yes	No
Would be contrary to the interest of National Security?		X
Would prejudice to an unreasonable degree you, or some other person's commercial interest or those of a third party?		X

Application fee

Please provide the method of payment

BACS

Reference number (not BACS remittance no.)
PRCAPLLYRF004

Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information. This could invalidate any licence granted.

Name Marc Murray
Date 20/10/2023
Position in company Development Director, Cierco

If you would like a copy of your completed form, please add your preferred email address below:

Jay.Hilton-Miller@ciercoenergy.com