

Gemma Lee

From: Stephen Balmain <stephen.balmain@mhp.co.uk>
Sent: 14 December 2023 09:09
To: Gemma Lee
Cc: Jay Hilton-Miller; Marc Murray; David Lockwood; Jonathan Monk
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Morning Gemma,

Thank you very much for the notification and chartlet and from an MHPA perspective, we are happy that this presents negligible navigational risk to our operations or vessels calling at Milford Haven.

From our current cable operations experience with Greenlink however, it will need very careful management with Castlemartin ranges to de-conflict with live firing exercises taking place within the Firing Practice Areas. If you need any contact details for them let me know and I can put you in touch with the Officer in Charge.

Rgds,

Steve

Stephen Balmain
Marine Support Officer

Port of Milford Haven
Marine Department
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From: Gemma Lee <Gemma.Lee@ciercoenergy.com>

Sent: 13 December 2023 16:46

To: Stephen Balmain <stephen.balmain@mhpa.co.uk>

Cc: Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@cierco.uk>; David Lockwood <david.lockwood@mhpa.co.uk>; Jonathan Monk <jonathan.monk@mhpa.co.uk>

Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Some people who received this message don't often get email from gemma.lee@ciercoenergy.com. [Learn why this is important](#)

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Good afternoon Stephen,

Following the below email thread regarding the survey area for the Band 1 Licence, the Project has a requirement to slightly amend the survey area, as shown in the attached figure. The survey methods, and likely survey duration, remain unchanged.

Due to the location of this additional survey area, the short duration and nature of the survey, we believe this small change is unlikely to have an impact on the safety of others at sea and represent a navigational risk, on the basis of the adoption of the mitigation measures recommended by the MCA and Trinity House. However, please could you confirm that this is the case?

Thank you so much for your time and we look forward to hearing from you.

Kind regards

Gemma Lee
Project Development Manager

Cierco Ltd

Mobile: +44 7510175141

Email: gemma.lee@ciercoenergy.com

Company Website: www.ciercoenergy.com

Floventis Website: www.floventis.com

CADEMO Project: cademo.net

Llŷr Project: www.llyrwind.com

Forthwind Project: forthwind.co.uk

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From: Stephen Balmain <stephen.balmain@mhpa.co.uk>
Sent: Friday, October 13, 2023 3:15 PM
To: Hill, Jackie <jackie.hill@aecom.com>; Gibbs, Richard <Richard.Gibbs@aecom.com>
Cc: Moore, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>; Bywater, Amelia <Amelia.Bywater@aecom.com>; David Lockwood <david.lockwood@mhpa.co.uk>; Jonathan Monk <jonathan.monk@mhpa.co.uk>
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Good Afternoon Jackie,

Nice to speak to you yesterday and confirming that MHPA have no objections to this amendment to the Band 1 License.

Rgds,

Steve

Stephen Balmain
Marine Support Officer

Port of Milford Haven
Marine Department
Gorsewood Drive
Milford Haven, Pembrokeshire, SA73 3EP



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From: Hill, Jackie <jackie.hill@aecom.com>
Sent: 13 October 2023 14:04
To: Stephen Balmain <stephen.balmain@mpha.co.uk>; Gibbs, Richard <Richard.Gibbs@aecom.com>
Cc: Moore, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>; Bywater, Amelia <Amelia.Bywater@aecom.com>
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

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Hi Stephen

Thank you so much for the call yesterday, and for confirming you have no concerns regarding the additional seabed surveys for the Llyr project.

Please can you provide this confirmation in an email as well, as we need to submit written responses to it to NRW as part of our application.

Kind regards

Jackie

Dr Jackie Hill, PhD MCIEEM
Technical Director, Marine Ecology
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From: Hill, Jackie
Sent: 10 October 2023 12:19
To: Stephen Balmain <stephen.balmain@mpha.co.uk>; Gibbs, Richard <Richard.Gibbs@aecom.com>
Cc: Moore, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>; Bywater, Amelia <Amelia.Bywater@aecom.com>
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Good Morning Stephen,

I'm following up on the email sent by Richard (who is out of office at the moment) last week regarding an update on the consultation for the upcoming survey for the Llyr project.

We are hoping to get the survey Band I Marine licence application submitted as soon as possible in order to minimise weather risk etc. for the survey.

Please can you let us know if the methods (submitted in early September) and the slightly revised survey area are acceptable to MHPA.

If you need any further information, please don't hesitate to contact me.

Kind regards

Jackie

Dr Jackie Hill, PhD MCIEEM
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From: Stephen Balmain <stephen.balmain@mhpa.co.uk>
Sent: 04 October 2023 10:08
To: Gibbs, Richard <Richard.Gibbs@aecom.com>
Cc: Moore, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Hill, Jackie <jackie.hill@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>; Bywater, Amelia <Amelia.Bywater@aecom.com>
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Morning Richard,

Thank you for the update. I will circulate the changes and revert in due course.

Rgds,

Steve

Stephen Balmain
Marine Support Officer

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From: Gibbs, Richard <Richard.Gibbs@aecom.com>

Sent: 04 October 2023 09:25

To: Stephen Balmain <stephen.balmain@mhp.co.uk>

Cc: Moore, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Hill, Jackie <jackie.hill@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>; Bywater, Amelia <Amelia.Bywater@aecom.com>

Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

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Dear Stephen,

Further to our consultation with you on additional survey works needed for the Llyr project (as per thread below) we have made a small amendment to the survey area originally proposed in our email of 7th September.

I have attached a figure to show the change (the figure labelled 'updated' shows the change to the survey area, whilst the figure labelled 'previous' shows the previous survey area, for comparison). The survey area now includes a slightly larger portion within the nearshore area, shown in grey, where we anticipate there to be minimal vessel traffic compared to areas further offshore. The survey methods, and likely survey duration, remain unchanged.

Due to the location of this additional survey area, the short duration and nature of the survey, we believe this small change is unlikely to have an impact on the safety of others at sea and represent a navigational risk, on the basis of the adoption of the mitigation measures you recommended by the MCA and Trinity House. However, please could you confirm that this is the case?

Thank you so much for your time and we look forward to hearing from you.

Kind regards,

Richard

Richard Gibbs, BSc (Hons), MRSB
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From: Bywater, Amelia <Amelia.Bywater@aecom.com>
Sent: 08 September 2023 15:06
To: Stephen Balmain <stephen.balmain@mhp.co.uk>
Cc: Bridge, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Gibbs, Richard <Richard.Gibbs@aecom.com>; Hill, Jackie <jackie.hill@aecom.com>; Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>
Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Hi Stephen,

Please find attached the admiralty chart showing the additional survey areas.

Kind regards,

Amelia

Amelia Bywater BSc (Hons), MSc

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From: [Bywater, Amelia](#)

Sent: 08 September 2023 13:25

To: [Stephen Balmain](#)

Cc: [Bridge, Kim](#); [Jones, Robyn](#); [Gibbs, Richard](#); [Hill, Jackie](#); [Gemma Lee](#); [Jay Hilton-Miller](#); [Marc Murray](#)

Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Hi Stephen,

Thank you for your response.

I have requested an admiralty chart from our GIS team and they are currently working on it, I will send it over to you as soon as I have it.

A contractor has not yet been appointed for the survey work and so we cannot give definitive details of vessel size at the moment. However, in the meantime we have made estimations on vessel sizes for our methodology and risk assessment as part of the licence application which I have detailed below, hopefully these help. We expect that the vessels which are used for the survey work will be along the lines of these measurements, however please note that this may be subject to change once a contractor has been appointed by Floventis.

Example vessel / vehicle	Description
Surveys	
Multi-purpose vessel – both geophysical and geotechnical survey	Multi-purpose vessel which will typically have diesel-electric propulsion and a specially designed hull. Vessel will be suitable for geophysical and geotechnical survey operations up to 1000m water depth. Typical length is expected to be 54 m, beam 12.5m, deck area is 250 m ² and the draught 3m.
Nearshore geophysical vessel	A nearshore geophysical vessel will typically have an outboard motor and will typically be a road transportable workboat. The boat will be approximately 7.4 m in length, with a beam of 2.5 m and shallow draft of 0.75m
Nearshore environmental vessel	A nearshore environmental vessel will be designed for survey operations in shallow to medium water depths.

Please let me know if you require anything else.

Kind regards,

Amelia

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From: [Stephen Balmain](#)

Sent: 08 September 2023 09:05

To: [Bywater, Amelia](#)

Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

Morning Amelia,

I have tabled this for discussion at our Marine Management meeting today so I can answer your query.

In the interim, is it possible for you to overlay the survey routes onto an Admiralty chart rather than Ordnance Survey as it is not possible to assess any implications for our statutory responsibilities or pilotage requirements etc without sight the area affected within out Port Limits. We would also need particulars of the nominated survey vessel to give you the correct guidance.

Rgds,

Steve

Stephen Balmain
Marine Support Officer

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Marine Department
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From: Bywater, Amelia <Amelia.Bywater@aecom.com>

Sent: 08 September 2023 08:41

To: Stephen Balmain <stephen.balmain@mhpa.co.uk>

Cc: Gibbs, Richard <Richard.Gibbs@aecom.com>; Bridge, Kim <Kim.Bridge@aecom.com>; Jones, Robyn <Robyn.Jones@aecom.com>; Hill, Jackie <jackie.hill@aecom.com>; Curtis, Alison <alison.curtis@aecom.com>;

Gemma Lee <Gemma.Lee@ciercoenergy.com>; Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Marc Murray <marc.murray@ciercoenergy.com>

Subject: RE: The Llyr Floating Offshore Wind Farm and Seabed Surveys - request for consultation on new Band 1 Marine Licence Application

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Good morning,

Following my previous email concerning a request for consultation on additional offshore surveys for the Llyr Floating Offshore Wind Farm, the methodology for the survey for which we require a Band 1 Marine Licence has been altered slightly, with the use of ROV removed. Please see the updated methodology below:

The aim of the survey is to collect additional geophysical and benthic ecology data to supplement baseline data previously collected. The additional survey will consist of a maximum of 30 sediment grab samples with a volume of 0.1m² each within the area outlined on the attached figure and shapefile. Collection of bathymetry using multibeam echosounding (MBES) and side scan sonar (SSS), plus sub-bottom profiling (SBP) data to identify seabed geology will also be used. The locations of the grab samples will be determined based on the bathymetry data.

The expectation is that the survey will take place between 1st September and 31st December 2023. The additional survey area is estimated to be completed within approximately 20 days, with up to 10 days of geophysical activity. The geotechnical/environmental activities (i.e. grab sampling) are expected to take approximately 10 days. Therefore, the total survey duration, including allowance for weather downtime and tides is estimated to be 30 days.

As previously mentioned, due to the short-term duration and nature of the survey, we anticipate that it is unlikely to affect activities or navigational safety within Milford Haven. However, we would be grateful if you could please confirm that this is the case?

Thank you again for your time. We look forward to hearing from you on this updated methodology.

Kind regards,

Amelia

Amelia Bywater BSc (Hons), MSc

Graduate Marine Ecologist - Environment, Water and Energy, UK&I
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From: Bywater, Amelia

Sent: Tuesday, September 5, 2023 11:42:40 AM

To: stephen.balmain@mhpa.co.uk <stephen.balmain@mhpa.co.uk>

Cc: Gibbs, Richard <Richard.Gibbs@aecom.com>

Subject: The Llyr Floating Offshore Wind Farm and Seabed Surveys: Band 1 Marine Licence Application

Good morning,

As part of the Llyr Floating Offshore Wind Farm project in the Celtic Sea, run by Floventis (a Joint Venture company between Cierco and SBM Offshore) we are applying for a new Band 1 Marine Licence to conduct further offshore surveys in an additional survey area (please see attached figure and shapefile).

We would like to request further consultation from the Milford Haven Port Authority on this additional survey area.

The aim of the survey is to collect additional geophysical and benthic ecology data to supplement baseline data previously collected. The additional survey will consist of a maximum of 30 sediment grab samples with a volume of 0.1m² each within the area outlined on the attached figure and shapefile. Video and still imagery using a ROV deployed camera, collection of bathymetry using multibeam echosounding (MBES) and side scan sonar (SSS), plus sub-bottom profiling (SBP) data to identify seabed geology will also be used. The locations of the grab samples will be determined based on the bathymetry data.

The expectation is that the survey will take place between 1st September and 31st December 2023. The additional survey area is estimated to be completed within approximately 20 days, with up to 10 days of geophysical activity. The geotechnical/environmental activities (i.e. drop down ROV/camera and grab sampling) are expected to take approximately 10 days. Therefore, the total survey duration, including allowance for weather downtime and tides is estimated to be 30 days.

Due to the short-term duration and nature of the survey, we anticipate that it is unlikely to affect activities or navigational safety within Milford Haven. However, please could you confirm that this is the case?

Thank you for your time. We look forward to hearing from you.

Kind regards,

Amelia

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