

Gemma Lee

From: Vinu John <Vinu.John@mcga.gov.uk>
Sent: 25 January 2023 09:30
To: Gemma Lee; Nick Salter; Vaughan Jackson; Stephen Vanstone; Trevor Harris; stephen.balmain@mhpa.co.uk
Cc: Jay Hilton-Miller; Morrison, Peter
Subject: RE: Llyr Floating LiDAR - Band 1 Marine Licence Application

Good Morning Gemma,

As per Band 1 Marine License guidance in the NRW website, it is within the MCA's remit to confirm whether the proposed activity below MHWS is likely to have an impact on the safety of others at sea. NRW's guidance states you must have confirmation from the MCA that your proposed works will not pose a risk to others prior to application.

Please find the below as our confirmation response to accompany the Band 1 Marine License application.

We would like to re-iterate our previous advice that the activity does constitute a risk to navigation safety due to the size of the device, location and duration of deployment. Therefore, and in accordance with the Band 1 Marine License guidance requirements, we do not agree the activity is not a navigational hazard and we do not agree it does not pose a risk to navigation safety.

Best Regards

Vinu

Vinu John

Navigation Policy Advisor
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From: Gemma Lee <Gemma.Lee@ciercoenergy.com>
Sent: 24 January 2023 14:08
To: Vinu John <Vinu.John@mcga.gov.uk>; Nick Salter <Nick.Salter@mcga.gov.uk>; Vaughan Jackson <Vaughan.Jackson@mcga.gov.uk>; Stephen Vanstone <Stephen.Vanstone@trinityhouse.co.uk>; Trevor Harris <trevor.harris@trinityhouse.co.uk>; stephen.balmain@mhpa.co.uk
Cc: Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Morrison, Peter <Peter.Morrison@cyfoethnaturiolcymru.gov.uk>
Subject: RE: Llyr Floating LiDAR - Band 1 Marine Licence Application

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Good afternoon Vinu,

Thank you for your email below and confirming that the MCA are content that the risk controls noted within the Traffic Assessment are appropriate for reducing the navigational risk of the Llyr 2 Floating LiDAR to ALARP.

We have requested clarification from the FLiDAR contractor to answer the following queries posed by your email dated 20th January 2023:

- Detail regarding the monitoring of the FLiDAR buoy;
 - The FLiDAR has a GPS tracker on it which allows the contractor to locate the buoy at any/all times. The FLiDAR is monitored 24/7. There is an excursion radius for each buoy and if the buoy goes outside this radius the FLiDAR contractor receives an alert.
- Action plan if it breaks;
 - This project will have an emergency response plan in place. Included within this plan is the FLiDAR emergency response chain, located on the FLiDAR. This chain will be deployed in the event that that the buoy is displaced outside the excursion radius.
- Recovery arrangements in place;
 - In the event the buoy is displaced outside the excursion radius the emergency response plan will be implemented. The contractor will warn the local authorities and charter a vessel to retrieve the buoy as soon as practicable.

If you have any further queries regarding the proposed activities, or the above information, please don't hesitate to get in touch.

If you have no further queries on the above information, or the project, could you please respond with a confirmation email that we can include within our Band 1 Marine Licence application?

Kind regards
Gemma Lee
Project Development Manager
M: 07510 075141

From: Vinu John <Vinu.John@mcga.gov.uk>
Sent: 20 January 2023 13:02
To: Gemma Lee <Gemma.Lee@ciercoenergy.com>; Nick Salter <Nick.Salter@mcga.gov.uk>; Vaughan Jackson <Vaughan.Jackson@mcga.gov.uk>; Stephen Vanstone <Stephen.Vanstone@trinityhouse.co.uk>; Trevor Harris <trevor.harris@trinityhouse.co.uk>; stephen.balmain@mhpa.co.uk
Cc: Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>; Morrison, Peter <Peter.Morrison@cyfoethnaturiolcymru.gov.uk>
Subject: RE: Llyr Floating LiDAR - Band 1 Marine Licence Application

Good Morning Gemma,

Thank you for your e-mail along with the attached information for the Llyr 2 Floating LiDAR- Band 1 Marine License application. We would like to re-iterate our previous stand that the activity does constitute a 'significant risk to navigation safety' due to the size of the device, location and duration of deployment and as clearly indicated within the attached traffic analysis- proximity to established commercial and recreational traffic. Therefore, and in accordance with the Band 1 Marine License guidance requirements, we do not agree the activity is not a navigational hazard and we do not agree it does not pose a risk to navigation safety.

We are content the risk controls mentioned in the Traffic Assessment are appropriate for reducing navigation risk to ALARP; however, we would like to understand in detail regarding the monitoring of the FLiDAR buoy, action plan if it breaks free and recovery arrangements in place.

Regards

The logo for Vinu, featuring the word 'Vinu' in a stylized, green, cursive font.

Vinu John

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From: Gemma Lee <Gemma.Lee@ciercoenergy.com>

Sent: 19 January 2023 14:40

To: Vinu John <Vinu.John@mcga.gov.uk>; Nick Salter <Nick.Salter@mcga.gov.uk>; Vaughan Jackson <Vaughan.Jackson@mcga.gov.uk>; Stephen Vanstone <Stephen.Vanstone@trinityhouse.co.uk>; Trevor Harris <trevor.harris@trinityhouse.co.uk>; stephen.balmain@mhpa.co.uk

Cc: Jay Hilton-Miller <jay.hilton-miller@ciercoenergy.com>

Subject: Llyr Floating LiDAR - Band 1 Marine Licence Application

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Good afternoon,

We consulted with the MCA, Trinity House and the Milford Haven Port Authority in November of last year to establish whether the installation of a FLiDAR within the Llyr Project Area would require a Marine Licence. Taking into consideration the feedback from that consultation the FLiDAR location was changed, and mitigation measures were agreed (as shown in the list below). Following that consultation process it was recommended that a Marine Licence would be required due to the risk to navigational safety. We also undertook a Traffic Assessment in response to consultee feedback during. This Traffic Assessment is attached and will also be included within the Marine Licence Application.

- 1) all maritime safety legislation is complied with;
- 2) Issue local notification 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 of the works;
- 3) Ensure that 'the deployments' do not encroach on any recognised anchorage, either charted or noted in nautical publications, within the proposed area.
- 4) notify HM Coastguard via zone28@hmcg.gov.uk
- 5) notify the Source Data Receipt team, UK Hydrographic Office (email: sdr@ukho.gov.uk) of commencement of the activities. The information supplied must include the start date and end date, a description of the works, positions of the work area (WGS84), and details of any marking arrangements.
- 6) The UKHO should also be notified once the buoy has been removed.
- 7) Suitable arrangements should be made to ensure the deployments remain secure to the seabed for the conditions expected in the area, with a programme of regular inspection and maintenance of the works in place;
- 8) Appropriate recovery arrangements of all the equipment should be in place for decommissioning of the buoy.
- 9) Adhere to any requirements of Trinity House for marking and lighting arrangements.

We have consulted directly with NRW to confirm the type of Marine Licence that the FLiDAR installation and campaign would require. They have confirmed that it would fall under a Band 1 Marine Licence application.

For information, please see attached for a FLiDAR location plan. This location is plotted onto an admiralty chart to aid in your review of the navigational risk to safety.

Part of the Band 1 Marine Licence application process requires we consult with the MCA, Trinity House and the Milford Haven Port Authority on project matters. This email is to act as this secondary consultation process and to provide yourselves with the opportunity to review the Llyr 2 FLiDAR Campaign information prior to submission.

We have produced a Method Statement to submit within the Band 1 Marine Licence. This document is a draft and will be finalised to include any additional feedback from this consultation process. This Method Statement includes a summary of the Llyr FLiDAR Marine Licence application, the Scope of Works, detail regarding the Access and Working Areas, bespoke Environmental Mitigation Measures and contact details in the event of an emergency. Please see the Method Statement attached for your review.

Please let me know if you have any further questions regarding the application, and if you have any feedback to be included within our Band 1 Marine Licence application.

Due to time constraints associated with the test and demonstration type of project we would be grateful for a response ASAP and ask this is submitted by Thursday 26th January 2023 at the latest.

Kind regards
Gemma Lee
Project Development Manager
M: 07510 075141

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