

Application for a Band 1 Marine Licence

Project description

Project name

Welsh Government – Marine Conservation Zone Planning

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

The proposed survey will be a marine habitat survey undertaken on Bangor University's RV Prince Madog, on behalf of Welsh Government. The purpose of the survey is to collect data on the distribution, extent and condition of seabed habitats at two sites off south-west Wales to inform Welsh Government's Marine Conservation Zone planning.

The location of the survey areas are indicated in Figure 1. The polygons in Figure 1 indicate the broad survey areas within which the work will take place. The coordinates of the polygon vertices that encompass the survey area are listed below. The specific locations to be surveyed within the area will be determined on board the RV Prince Madog based on existing data coverage. The first and last coordinates of the Pembrokeshire Marine SAC survey area indicate the most northerly and most southeasterly points of the survey area. The area boundaries therefore run along longitudinal and latitudinal lines to the coastline from each of these points respectively.

Within the site, the work will involve the acquisition of acoustic data via the vessel's multibeam echosounder (bathymetry, backscatter), followed by collection of benthic grab (Day/Hamon) samples and video and images of the seabed by drop-down camera tows using the vessel's towed video sledge, in order to ground-truth habitats identified from the acoustic data. Water samples will also be taken for eDNA analysis. The licence application therefore covers the removal of small amounts (0.1m² sample) of seabed sediment from soft sediment habitats by benthic grab sampling and the use of a drop-down camera system to capture video and still images.

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	Dr
Full name	Leo Clarke
Company or trading name	Bangor University
Company Registration Number (if applicable)	NA
Name of contact or individual (if different)	Leo Clarke
Position in company	Post-Doctoral Marine and Fisheries Scientist
Address (provide registered company address if applicable)	School of Ocean Sciences Bangor University Menai Bridge
Postcode	LL59 5AB
Telephone number	01248388141
Email address	l.clarke@bangor.ac.uk

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?

No

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)	17/08/2021
Requested licence expiry date (DD/MM/YYYY)	17/08/2022

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.

Latitude and Longitude of polygon extents

Welsh Government IPA - WGS 1984 Decimal Degrees

51.73054847 -6.838919837

51.74740299 -5.940732794

51.66174239 -5.938353333

51.59749694 -5.214997187

51.32853402 -5.209922415

51.29054648 -5.681371544

50.97333783 -5.679066005

50.98877133 -6.827200992

Pembrokeshire Marine SAC - WGS 1984 Decimal Degrees

51.944499 -5.500047

51.801440 -5.500047

51.800726 -5.749176

51.642968 -5.166327

51.533333 -5.166667

51.533333 -4.800128

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: BU_WG_MCZ NRW BAND 1 LICENCE METHOD STATEMENT.docx - [Download](#)

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):
NONE

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.

NA

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

Other

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

Small samples of seabed substrate (e.g. mixed sands, mud, gravels) will be removed for subsequent laboratory analysis using a 0.1m² benthic grab (approx.. 15L volume). It is envisaged that a maximum of 265 grab samples will be obtained across the survey area. Total volume of sediment removed will therefore not exceed 3.975 cubic metres (0.015m³ x 265).

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

Please upload these below

- File: Figure 1_Licence Areas.png - [Download](#)

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

Map of survey area

Correspondence from MCA and Trinity House can be provided - I cannot upload email messages.

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

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 Leo Clarke
Date 05/07/2021
Position in company Bangor University

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

I.clarke@bangor.ac.uk