

Apply for a band 1 marine licence

Is the estimated cost of your marine works project over £1 million?

Select
No

Will the work last longer than 12 months?

Select
No

Who should we contact about this application?

This form must be completed by someone who has authority to act on behalf of the applicant.	
We will contact you if we have any questions about this application.	
First name	Leo
Last name	Clarke
Address line 1	Jane Herdman Building
Address line 2 (optional)	4 Brownlow Street
Town or city	Liverpool
County (optional)	Liverpool
Postcode	L69 3GP
Email	leo.clarke@liverpool.ac.uk
Phone number	01517942000
Your relationship to the applicant, for example 'consultant'	Project Lead

Tell us about the applicant

Is the applicant:
an individual

Tell us the individual applicant's details

Enter details

First name	Leo
Last name	Clarke
Address line 1	Jane Herdman
Address line 2 (optional)	4 Brownlow Hill
Town or city	Liverpool
County (optional)	-
Postcode	L693GP
Email	leo.clarke@liverpool.ac.uk
Phone number	

Have you had pre-application advice from us about this work?

Select

No

Tell us about the work

What is the project title?

Tracking migratory fish through the Dee Estuary and River

Briefly describe the low risk band 1 activities you will be carrying out.

For example:

Carrying out minor maintenance on a pier, including installing scaffolding, replacing bolts and decking, then removing scaffolding (construction activity example) Collecting twelve sediment samples from the sea bed (removal activity example) Depositing five marker buoys (deposit activity example) Brushing wind-blown sand back onto the beach where it came from (beach management activity example)

The project will establish an acoustic tracking programme for migratory fish through the Dee River and Estuary. It will:

1. Assess smelt post-spawning behaviour, mortality and estuarine/river transit times
2. Investigate smelt movements in the marine environment outside of the estuary
3. Gather information on upstream migration and possible spawning sites.
4. Demonstrate feasibility and support capacity building for a long-term, multispecies acoustic tracking network in the Dee Estuary/River, Liverpool Bay and North Wales

The data generated will inform improved management decisions for the Dee Estuary SSSI site and its associated features and habitats.

The project will deploy 41 acoustic receivers within the Dee Estuary and River. These receivers will allow the detection of migratory fish tagged with acoustic transmitters to identify movement patterns. The receivers will be deployed in January 2026 and retrieved in August 2027. Thirty-six receivers will be suspended from existing navigation infrastructure. Five will be deployed on moorings deployed on the seabed, floated from the mooring at a height of ~1.5m. Moorings will consist of ~75kg single groundweights with a floating riser line to a surface marker buoy. Receivers will be attached to the floating line. All equipment will be rigged, deployed and retrieved by a local marine maintenance company that maintains and operates the existing navigation infrastructure for the Dee Harbour Conservancy. All gear will be retrieved from the seabed at the end of the project.

Moorings will be deployed at these locations:

Receiver LatDD LonDD
32 53.23331538 -3.07363957
33 53.19899797 -2.982735597
34 53.18861982 -2.912138118
40 53.3735845 -3.231563834
41 53.37515441 -3.226486508

When do you want the licence to start?

Band 1 licences are typically issued for one year, subject to consultation.

Make sure the date you provide is on or before the day you want to start carrying out the work.

Licence start date 01/12/2025

Tell us about your coordinates

We need to understand exactly where the work will happen through the coordinates you give us.

If you need to give us more than 10 coordinates, you must upload them in an Excel spreadsheet.

You can also upload a Shapefile if you have one.

[Check how to give us coordinates \(opens in a new tab\).](#)

Do you want to tell us about more than 10 coordinates?

No

Give your coordinates

Make sure:

the coordinates are in this format: Lat 52.12345 Long -4.12345 you provide at least three coordinates your coordinates outline the entire area you will be working in (we call this the licence area)

	Latitude	Longitude
1.	53.23331538	-3.07363957
2.	53.19899797	-2.982735597
3.	53.18861982	-2.912138118
4.	53.373584500563	-3.231563834
5.	53.37515441	-3.226486508
6.	-	-
7.	-	-
8.	-	-
9.	-	-

Upload your map

Your map must be scaled so we can see a detailed view of the area where you will be carrying out your activity.

Include a north arrow so that we can correctly identify the orientation of the map.

Check how to create a map (opens in a new tab)

- File: Licence Maps.pdf - [Download](#)

Tell us if you need to upload a method statement

You will need to upload a method statement (opens in new window) if you are doing any of these things:

Working in or near a sensitive site (opens in new window) Drilling boreholes or vibrocores
Replacing piles Beach management Are you doing one or more of these things?

No

What materials will you deposit as part of your work?

You must include:

materials deposited above, on, or below the water (for example, on a bridge or jetty)
temporary materials such as scaffolding which will be removed after the work is complete
Select all that apply

Concrete

Iron/steel

How will you deliver materials to the site?

Select

Vessel

Upload a chart of the vessel delivery route

The route must start from the originating port

- File: Licence Route.pdf - [Download](#)

Which materials will you remove as part of your work?

You must include:

materials removed from a location above, on, or below the water (for example, on a bridge or jetty) temporary materials such as scaffolding which will be removed after the work is complete Select all that apply

None

Upload your confirmation from the Maritime and Coastguard Agency

The document must clearly show that the Maritime and Coastguard Agency has given you confirmation that your work will not pose a risk.

- File: MCGA Email Correspondence.docx - [Download](#)

Upload your confirmation from Trinity House

The document must clearly show that Trinity House has given you confirmation that your work will not pose a risk.

- File: Trinity House Email Correspondence.docx - [Download](#)

Did you consult with archaeological consultees?

If you are doing any kind of removal (such as boreholes or sediment sampling) or beach management, you must consult with the Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW) and your local archaeological trust (opens in a new tab).

No

Do you want to upload correspondence with other consultees?

Check the list of possible consultees (opens in a new tab)

Select

No

Does the applicant have statutory powers to consent any aspect of the work?

Such as coast protection authority, dredging powers, statutory undertakers

No

Do you want to claim public register confidentiality?

We normally put all the information in your application on a public register, unless we approve of your reasons for withholding all or part of it

No

Paying for your application

Your licence application for a band 1 activity costs £600.

You need to pay as soon as you have submitted your application. We will return any applications we receive without payment.

How will you pay for your application?

Bank transfer

Create a payment reference

Make a note of your reference as you will need to use it when you pay.

Your reference must:

begin with 'PRCAPP' be followed by the first five letters of the applicant name end with any three digits

PRCAPPLEOCL225

How we collect your personal data

We will process the information provided by you in line with the data protection legislation.

For more information on how we manage, store and use your data, check our privacy notice (opens in a new tab).

I have read and understood this information

Declaration

The person who completes this form should be the one who signs it.

This person must have the authority to sign the form on behalf of the holder. They could be a director or a company secretary.

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.

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

Full name Leo Clarke

Position in company Lecturer in Marine Ecology

Date

10/12/2025

Get a copy of your application and submit

Enter your email address to get a copy of your application

leo.clarke@liverpool.ac.uk