



Maritime Area Regulatory Authority
2nd Floor, Menapia House,
Drinagh Business Park, Drinagh,
Wexford, Y35RF29.

04 February 2026

Re: MUL Application for research activity at deep sea Whittard Canyon and Gollum Channel

Your Ref: MUL250021

Our Ref: 26/05

Re: MUL Application for surveys to inform the Port of Cork expansion project

Your Ref: MUL250024

Our Ref: 26/07

Re: MUL Application for environmental surveys at shipwreck sites off NW coast

Your Ref: MUL240050

Our Ref: 26/09

Re: MUL Application for licence amendment for Point Bridge and Tom Clarke Widening Project

Your Ref: LIC230007MA

Our Ref: 26/13

Re: MUL Application for dredging of navigation channel, basin and berths within Wicklow Port

Your Ref: MUL230026

Our Ref: 26/14

Re: MUL Application to undertake surveys in the River Barrow, New Ross to Barrow Bridge

Your Ref: MUL240003

Our Ref: 26/15

Re: MUL Application to undertake surveys for potential dredging of Dun Laoghaire Harbour

Your Ref: MUL250003

Our Ref: 26/18

Re: MUL Application for site investigations for subsea hydrogen storage potential off Cork coast

Your Ref: MUL240005

Our Ref: 26/19

Dear Sir/Madam,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and interpretation and gather various data for that purpose. Please see our [website](#) for data availability.

With reference to your emails received from the 12 to the 19 January 2026, concerning the above Maritime Usage Licence Applications, we recommend using our various data sets when conducting the EIAR, SEA, planning and scoping processes for developments, plans and policies. For more detailed information on how to access this data please access 'Data and Maps' [Data & Maps \(gsi.ie\)](#) on our 'Geoscience for planning' webpage. Use of our data or maps should be attributed correctly (please refer to each individual dataset's metadata for correct attribution).



For specific data available for Environmental Assessment and Planning topics please follow this link [[Data by Environmental Assessment and Planning Topic \(gsi.ie\)](#)], where you will find our data arranged by environmental assessment topic as illustrated below:

<p>Land and soils</p> <p><i>Soil</i></p> <ul style="list-style-type: none"> • Subsoils (Quaternary Geology) • Tellus Geochemistry • Geotechnical <p><i>Geology</i></p> <ul style="list-style-type: none"> • Bedrock • Geophysics • Bedrock & Quaternary 3D 	<p>Water</p> <p><i>Groundwater</i></p> <ul style="list-style-type: none"> • Aquifers GW vulnerability, GWPSs (GWPPs) <p><i>Surface water</i></p> <ul style="list-style-type: none"> • Tellus Geochemistry <p><i>Estuarine & marine waters</i></p> <ul style="list-style-type: none"> • Marine and coastal <p><i>Flooding</i></p> <ul style="list-style-type: none"> • GWClimate • Karst 	<p>Climate Change</p> <p><i>Carbon accounting / Carbon balance</i></p> <ul style="list-style-type: none"> • Geothermal • Carbon capture and storage <p><i>Climate change trends</i></p> <ul style="list-style-type: none"> • National coastal change assessment
<p>Cultural Heritage</p> <p><i>Archaeology</i></p> <ul style="list-style-type: none"> • Cherish <p><i>Underwater Archaeology</i></p> <ul style="list-style-type: none"> • Shipwrecks 	<p>Material Assets</p> <p><i>Built Services</i></p> <ul style="list-style-type: none"> • Natural resources (Minerals & Aggregates) • Active quarries 	<p>The Landscape</p> <p><i>Landscape Appearance & Character</i></p> <ul style="list-style-type: none"> • Physiographic units <p><i>Historical landscapes</i></p> <ul style="list-style-type: none"> • Historic mines
Other Relevant Data		
<p><i>Natural (Geo) hazards</i></p> <ul style="list-style-type: none"> • Landslide Susceptibility Mapping • Groundwater flooding • Coastal vulnerability • Subsidence • Radon 	<p><i>Natural heritage</i></p> <ul style="list-style-type: none"> • Geoheritage (County Geological Sites) • Dimension Stone/Stone Built Ireland 	

Marine and Coastal Unit

Our marine environment is hugely important to our bio-economy, transport, tourism and recreational sectors. It is also an important indicator of the health of our planet. Geological Survey Ireland’s Marine and Coastal Unit in partnership with the Marine Institute, jointly manages [INFOMAR](#), Ireland’s national marine mapping programme; providing key baseline data for Ireland’s marine sector. The programme delivers a wide range of benefits to multi-sectoral end-users across the national blue economy with an emphasis on enabling our stakeholders.

INFOMAR data such as bathymetry, backscatter, sediment classification, shipwrecks and survey metadata can be downloaded free of charge in a variety of formats at the [INFOMAR Marine Data Download Portal](#):

<https://experience.arcgis.com/experience/9213db3d963d4f3cab3a220323d7cd4e/page/Page-1/?views=Download-Vector-Datasets>

INFOMAR also produces a wide variety of seabed mapping products that enable public and stakeholders to visualize Ireland’s seafloor environment <https://www.infomar.ie/maps/downloadable-maps/maps>. [Story maps](#) have also been developed providing a different perspective of some of the bays and harbors of the Irish coastline. We would therefore recommend use of our Marine and Coastal Unit datasets available on our [website](#) and [Map Viewer](#).

The Marine and Coastal Unit also participate in coastal change projects and are undertaking mapping in areas such as coastal vulnerability and coastal erosion. Further information on these projects can be found [here](#).



ObSERVE Programme

The ObSERVE Programme is a collaborative initiative between the Department of Climate, Energy and the Environment (DCEE) and the Department of Housing, Local Government and Heritage (DHLGH). Managed by DCEE, the programme delivers aerial and acoustic survey data on marine megafauna — including cetaceans, seabirds and other protected species — to address critical baseline data gaps in Irish waters. These datasets support marine spatial planning, biodiversity conservation, and Ireland’s obligations under EU and international environmental frameworks.

Further information and open datasets are available at <https://www.gov.ie/en/department-of-climate-energy-and-the-environment/publications/observe-programme/>

If we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPlanning@gsi.ie.

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

Trish Smullen
Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data are made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases these data are a baseline or starting point for further site-specific assessments.