An Roinn Aeráide, Fuinnimh agus Comhshaoil
Department of Climate, Energy and the Environment

Geological Survey
Suirbhéireacht Gheolaíochta
Ireland | Éireann

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

11 December 2025

Re: MUL Licence Application for Marine Salvage operation in South West Irish Waters
Your Ref: MUL230036
Our Ref: 25/203

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 email received on 08 December 2025, concerning the MUL Licence Application for Marine Salvage operation in South West Irish Waters, 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:

Land and soils
Soil
• Subsoils (Quaternary Geology)
• Tellus Geochemistry
• Geotechnical
Geology
• Bedrock
• Geophysics
• Bedrock & Quaternary 3D

Water
Groundwater
• Aquifers GW vulnerability, GWPSs (GWPPs)
Surface water
• Tellus Geochemistry
Estuarine & marine waters
• Marine and coastal
Flooding
• GWClimate
• Karst

Climate Change
Carbon accounting / Carbon balance
• Geothermal
• Carbon capture and storage
Climate change trends
• National coastal change assessment

Cultural Heritage
Archaeology
• Cherish
Underwater Archaeology
• Shipwrecks

Material Assets
Built Services
• Natural resources (Minerals & Aggregates)
• Active quarries

The Landscape
Landscape Appearance & Character
• Physiographic units
Historical landscapes
• Historic mines

Other Relevant Data		
Natural (Geo) hazards	*Natural heritage*	
• Landslide Susceptibility Mapping	• Geoheritage (County Geological Sites)	
• Groundwater flooding	• Dimension Stone/Stone Built Ireland	
• Coastal vulnerability		
• Subsidence		
• Radon		

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.