



Marine Notice No. 84 of 2022

*Notice to all Shipowners, Fishing Vessel Owners, Agents, Shipmasters, Skippers, Fishers,
Yachtsmen and Seafarers*

**University of Limerick ROV Trial
in the Irish Sea in the vicinity of the Kish Bank
Lighthouse.**

1. Notice of Activity

The Department of Transport has been advised that research survey TC22017 will be carried out in the Irish Sea in the vicinity of the Kish Bank Lighthouse by the University of Limerick in collaboration with the Marine Institute from **11 December 2022 to 16 December 2022**, subject to weather and operational constraints.

The aim of the survey work at the Kish Lighthouse is the testing and development of the University of Limerick underwater ROV (Remotely Operated Vehicle) system and automation platforms. The main focus of the ship-time is trialling comprehensive multi-disciplinary control and inspection methods, utilising new technologies to enable automated offshore asset inspection. The primary outcome of the trials is to work towards the development of a framework and technique for the inspection of offshore assets.

2. Location of Activity

The approximate location of these works is shown below:

ID	Latitude	Longitude
1	53° 18.65' N	005° 55.55' W

The table provided in Appendix 1 documents the planned location for testing ROV systems close to the lighthouse.

3. Details of Vessel

The survey will be conducted by the **R.V. Tom Crean** (Callsign: **EIYX3**). The vessel will display appropriate lights and signals. The operations will take place between 7am and 7pm. The vessel will mainly run in DP mode while the ROV operates close to Kish Lighthouse. Equipment used during the trials is listed below:

- MRE-ROV, 2000m light work class intervention ROV with advanced OceanRINGS control systems, control cabin, LARS, TMS, 2 x Schilling Orion 7 function manipulators with visual serving auto control

4. Contact Details

Enquiries regarding the contents of this Marine Notice or any other relevant matters should be directed to:

- Aodhán Fitzgerald, Research Vessel Operations Section Manager, Marine Institute
Tel: +353872488765 or Email: aodhan.fitzgerald@marine.ie
- Petar Trslíc, Chief Scientist for the TC22017 survey
Tel: +353892586742 or Email: petar.trslic@ul.ie

All mariners are reminded of their responsibilities under the International Collision Regulations and of [Marine Notice No. 17 of 2007](#), which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.

The International Regulations for Prevention of Collisions at Sea (COLREGS) are implemented in Irish law by the *Merchant Shipping (Collision Regulations) (Ships and Water Craft on the Water) Order 2012* [S.I. No. 507 of 2012] and the *Signals of Distress (Ships) Rules 2012* [S.I. No.170 of 2012]. [See Marine Notice No. 06 of 2013](#). These Statutory Instruments may be purchased by mail order from Government Publications, Office of Public Works, 52 St. Stephen's Green, Dublin 2. Tel: (01) 6476834/1890-213434. They are also available online at: www.irishstatutebook.ie

Note: Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

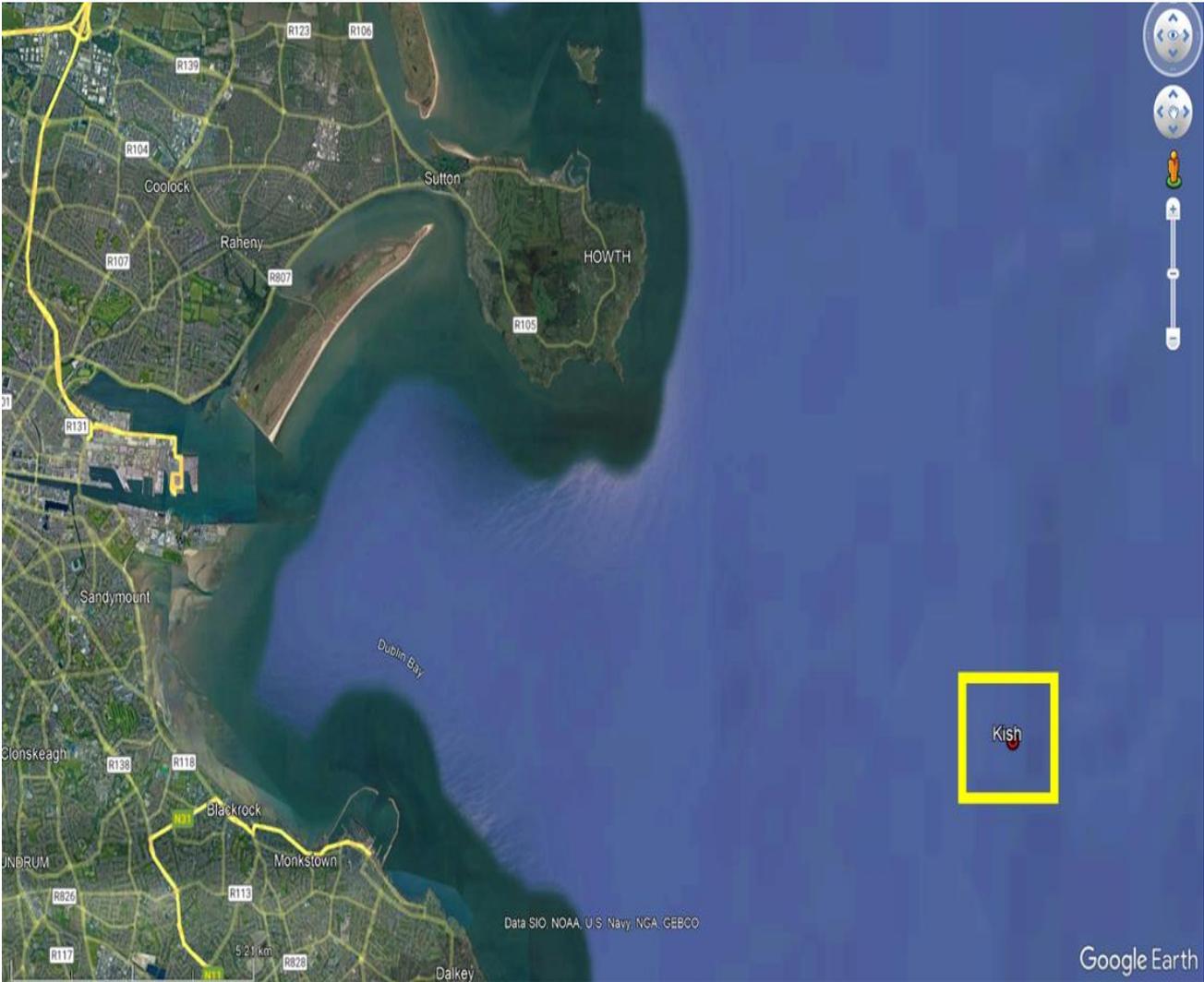
Irish Maritime Administration,
Department of Transport,
Leeson Lane, Dublin 2, D02 TR60, Ireland.

07/12/2022

Encl: Appendix 1. The planned location for testing ROV systems

For any technical assistance in relation to this Marine Notice, please contact:
The Marine Survey Office, email: MSO@transport.gov.ie
For general enquiries, please contact the Maritime Safety Policy Division, email:
MaritimeSafetyPolicyDivision@transport.gov.ie
Written enquiries concerning Marine Notices should be addressed to:
Dept. of Transport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.
email: MarineNotices@transport.gov.ie or visit us at: www.gov.ie/transport

Appendix 1. The planned location for testing ROV systems



Remotely operated vehicle (ROV) survey works will take place within a 200m radius of these indicative position, bounding boxes and nominal positions.