



## Marine Notice No. 13 of 2022

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

### Data acquisition for leakage monitoring for Carbon Capture and Storage (InStor) Survey: CV22017

#### 1. Notice of Activity

The Department of Transport has been advised that the Irish Centre for Research in Applied Geosciences (iCRAG) at University College Dublin will undertake the “Data acquisition for leakage monitoring for Carbon Capture and Storage (InStor) Survey”, which will be carried out from **19th to 26th March 2022** in the North Celtic Sea weather dependent. This survey is being carried out in support of ongoing research at (iCRAG: <https://www.icrag-centre.org/>).

The aim of this survey is to investigate and characterise the existing seabed morphologies which are related to passive and active seepage of fluids, such as pockmarks and mounds and to provide new high-resolution geophysical datasets along with geochemical data, which will be used to create an integrated baseline geological model and form the basis for understanding the current status of complex processes in the survey area.

#### 2. Location of Activity

The approximate location of the survey works is detailed below:

ID	Latitude	Longitude
1	51°19'47.482"N	008°10'44.715"W
2	51°14'26.255"N	008°9'30.19"W
3	51°21'19.995"N	008°1'29.634"W
4	51°16'32.176"N	007°56'46.954"W

Further information on the survey area is available in Appendix 1 and 2.

The equipment and techniques to be used include:

- Sparker seismic equipment.
- Box coring and gravity coring.
- Multibeam bathymetric data and pinger data.

### 3. Details of Vessel

The survey will be conducted by the RV '**Celtic Voyager**' (Callsign: **EIQN**). The vessel will display appropriate lights and signals. Work will be performed in accordance with safe operating practices regarding MMO procedures and cognisance of fishing gear.

### 4. Contact Details

Enquiries regarding the contents of this Marine Notice, or any other matters related to this survey works, should be directed to:

- 1) Dr. Mark Coughlan, Chief Scientist, University College Dublin on +353860732848 or at [mark.coughlan@icrag-centre.org](mailto:mark.coughlan@icrag-centre.org)
- 2) Dr. Srikumar Roy, InStor Survey PI, iCRAG-University College Dublin, Phone: +353-894310191, Email ID: [srikumar.roy@icrag-centre.org](mailto:srikumar.roy@icrag-centre.org)

All mariners are reminded of their responsibilities under the **International Collision Regulations** and are reminded 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](http://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.

24/02/2022

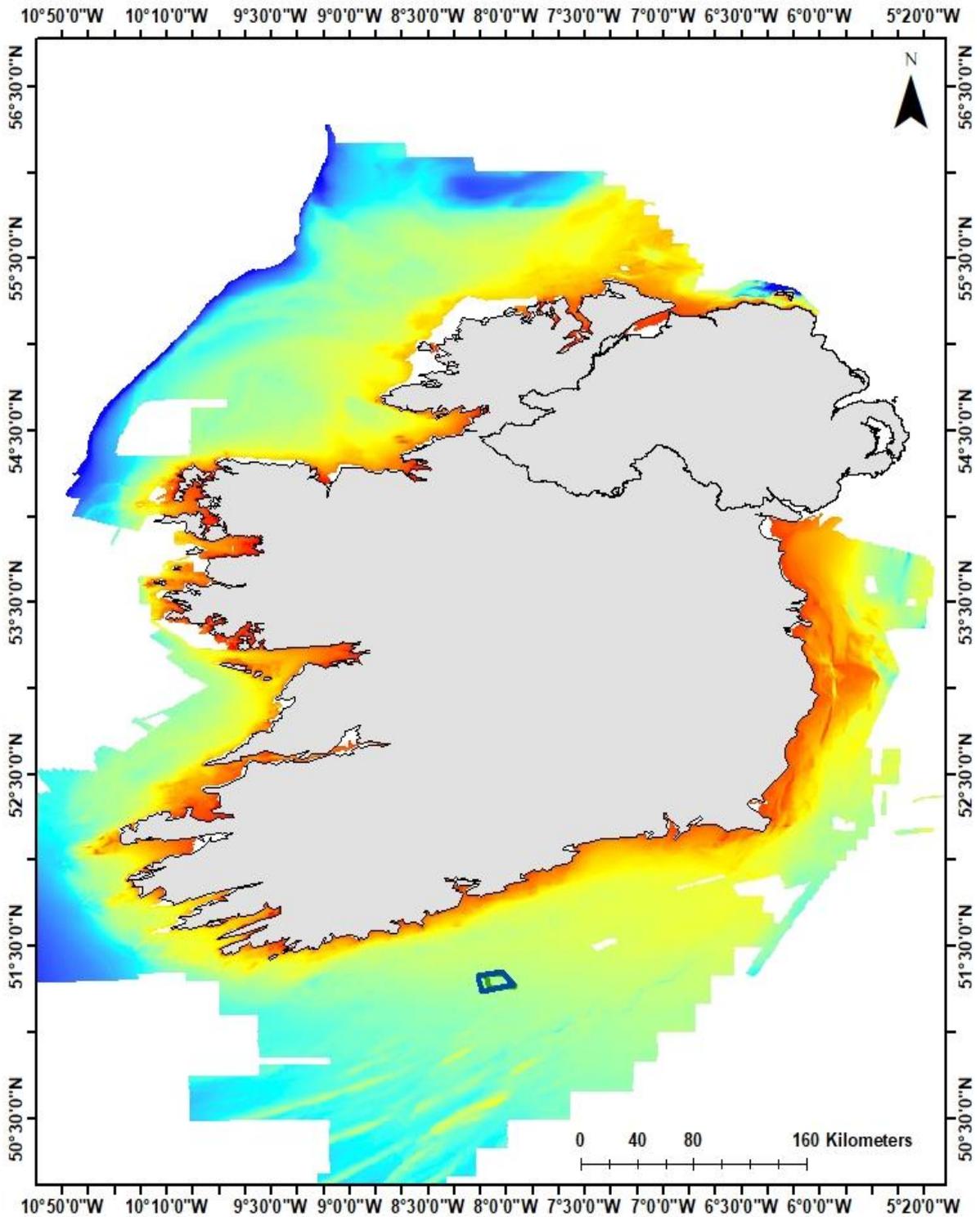
**Encl: Appendix 1:** Map of Ireland with 10m resolution bathymetric data, and location of the study area marked with the black box.

**Appendix 2:** Blue polygon represents the planned survey area.

For any technical assistance in relation to this Marine Notice, please contact:  
The Marine Survey Office, email: [MSO@transport.gov.ie](mailto:MSO@transport.gov.ie)  
For general enquiries, please contact the Maritime Safety Policy Division, email:  
[MaritimeSafetyPolicyDivision@transport.gov.ie](mailto: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](mailto:MarineNotices@transport.gov.ie) or visit us at: [www.gov.ie/transport](http://www.gov.ie/transport)

Appendix 1

Map of Ireland with 10m resolution bathymetric data, and location of the study area marked with the black box.



## Appendix 2

Blue polygon represents the planned survey area.

