



## Marine Notice No. 11 of 2020

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

### **Celtic Sea & Atlantic Ocean Notice of Hydrographic & Geophysical Surveys**

#### **1. Notice of Activity**

The Department of Transport, Tourism and Sport has been advised that a hydrographic and geophysical survey operation will be undertaken by INFOMAR in the Celtic Sea and Atlantic Ocean between April and October 2020.

#### **2. The purpose of the Survey**

The INFOMAR Programme (Integrated Mapping for the Sustainable Development of Ireland's Marine Resource), is a jointly managed seabed mapping initiative between the Geological Survey Ireland and the Marine Institute, funded by Department of Communications, Climate Action and Environment.

Covering some 125,000 square kilometers of underwater territory, INFOMAR will produce integrated mapping products covering the physical, chemical and biological features of the seabed.

#### **3. Location and dates of planned operations**

On the dates listed below, operations are planned to take place within the following bays, harbours and offshore areas.

Survey Vessel	Current Schedule	Location
R.V.'s Keary, Geo, Lir and Mallet (Geological Survey Ireland)	April - October	Celtic Sea & Atlantic Coast of Cork and Kerry.
R.V. Celtic Voyager ( Marine Institute)	20/05/2020 - 25/06/2020 37 days	Celtic Sea
R.V. Celtic Voyager ( Marine Institute)	20/07/2020 - 07/08/2020 19 days	Celtic Sea
R.V. Celtic Voyager ( Marine Institute)	29/08/2020 - 17/09/2020 20 days	Celtic Sea
R.V. Celtic Explorer ( Marine Institute)	21/04/2020 - 07/05/2020 17 days	Celtic Sea

Please refer to Annex 1 for an overview of 2020 offshore survey areas

#### 4. Details of Survey Vessels

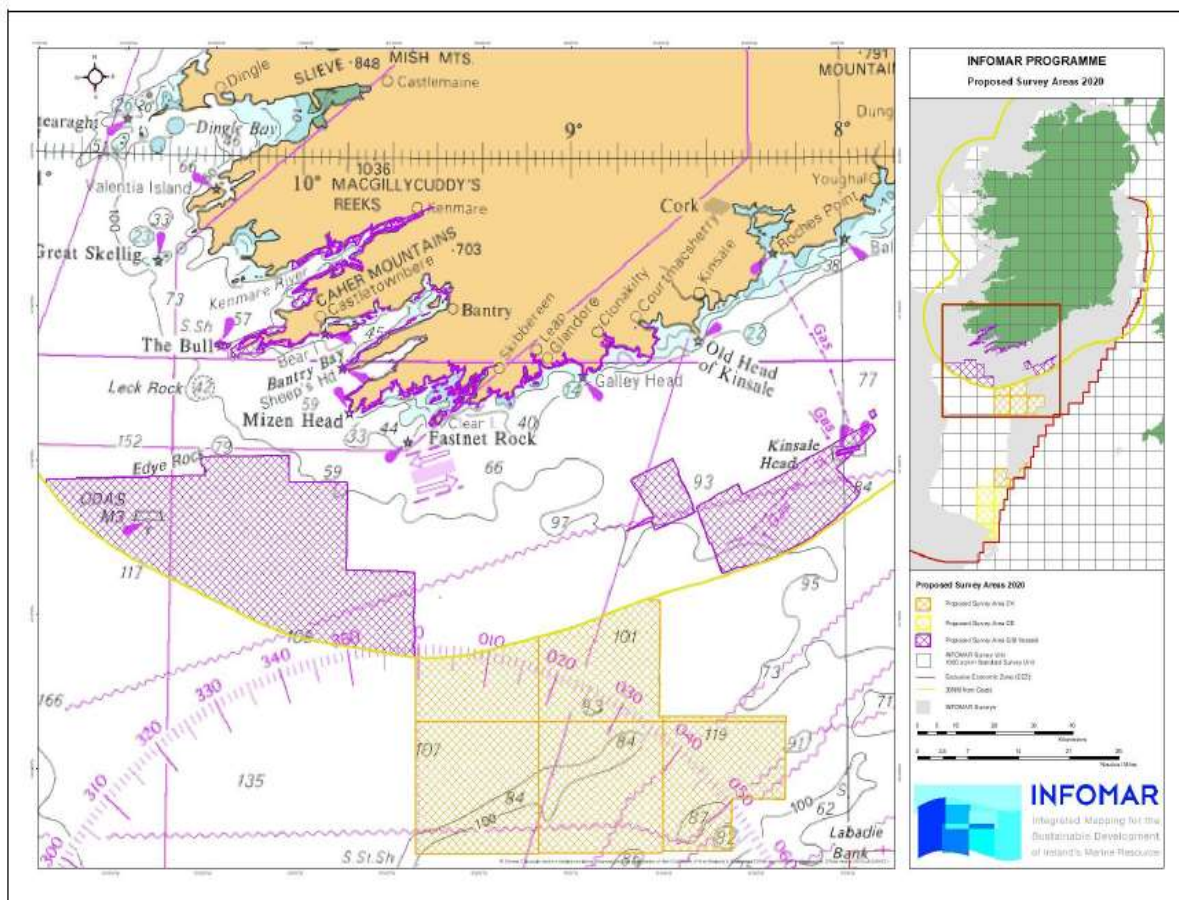
The Marine Institute will operate the following two vessels R.V. Celtic Voyager (call sign **EIQN**) and R.V. Celtic Explorer (call sign **EIGB**). These vessels will display appropriate lights and markers. They will be listening on channel 16 throughout the course of the survey. The vessels will be towing a magnetometer sensor with a single cable of up to 200 metres in length and a Moving Vessel Profiler cable of variable length up to a maximum of 200 metres.

Geological Survey Ireland will operate four vessels, they are R.V. Keary (call sign **EI-GO-9**), R.V. Geo (call sign **EI-DK-6**), R.V. Mallet (call sign **EI-SN-9**) and R.V. Lir (call sign **EI-HI-2**). The vessels will display appropriate lights and markers. The vessels will be listening on channel 16 throughout the course of the survey.

#### 5. Survey Area

**5.1:** The R.V.'s Keary, Geo, Mallet and Lir are expected to carry out survey operations in the northwest Celtic Sea stretching from The Old Head of Kinsale, County Cork to Cape Clear Island County Cork and on the Atlantic coast, north to Kenmare River. Two offshore areas have been selected, one in the North Celtic Sea and another south-west of Mizen Head.

The areas are denoted by the purple coloured hatched areas of figure 1.



**Figure 1:** R.V.'s Keary, Geo, Mallet and Lir Celtic Sea survey areas.

The generic coordinates where the survey operations are expected to take place are as follows:

Latitude	Longitude
51°27.181'N	007°53.172'W
51°16.459'N	007°56.593'W
51°18.487'N	008°47.291'W
50°05.913'N	008°27.119'W

The inshore section spanning from:

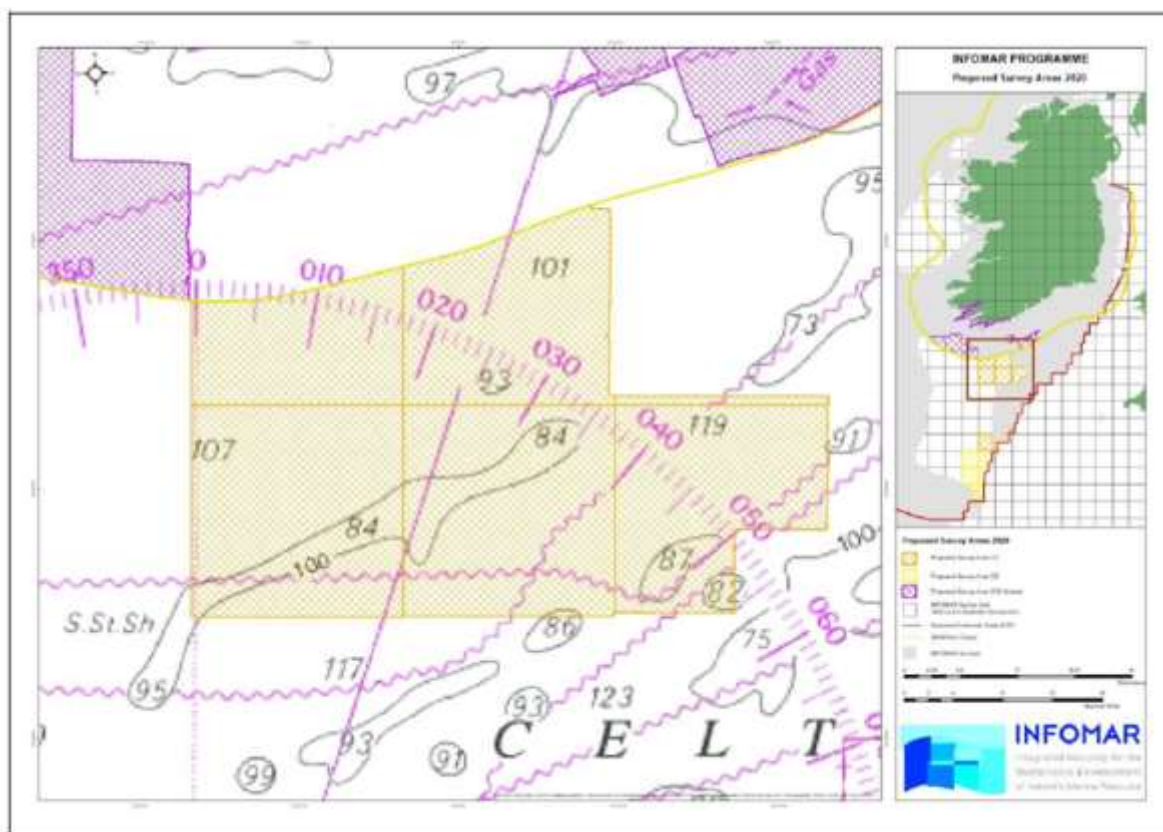
Latitude	Longitude
51° 38.229'N	008° 41.806'W
51° 46.461'N	010° 02.562'W

The offshore section in the Atlantic Ocean bounded by coordinates:

Latitude	Longitude
51° 21.339'N	010° 02.263'W
51° 06.285'N	009° 34.534'W
51° 17.399'N	010° 56.271'W
50° 55.265'N	009° 34.398'W

Detailed coordinates of each survey polygon can be provided on request.

**5.2:** The R.V. Celtic Voyager is expected to carry out survey operations in the Celtic Sea, within the orange hatched area of Figure 2.



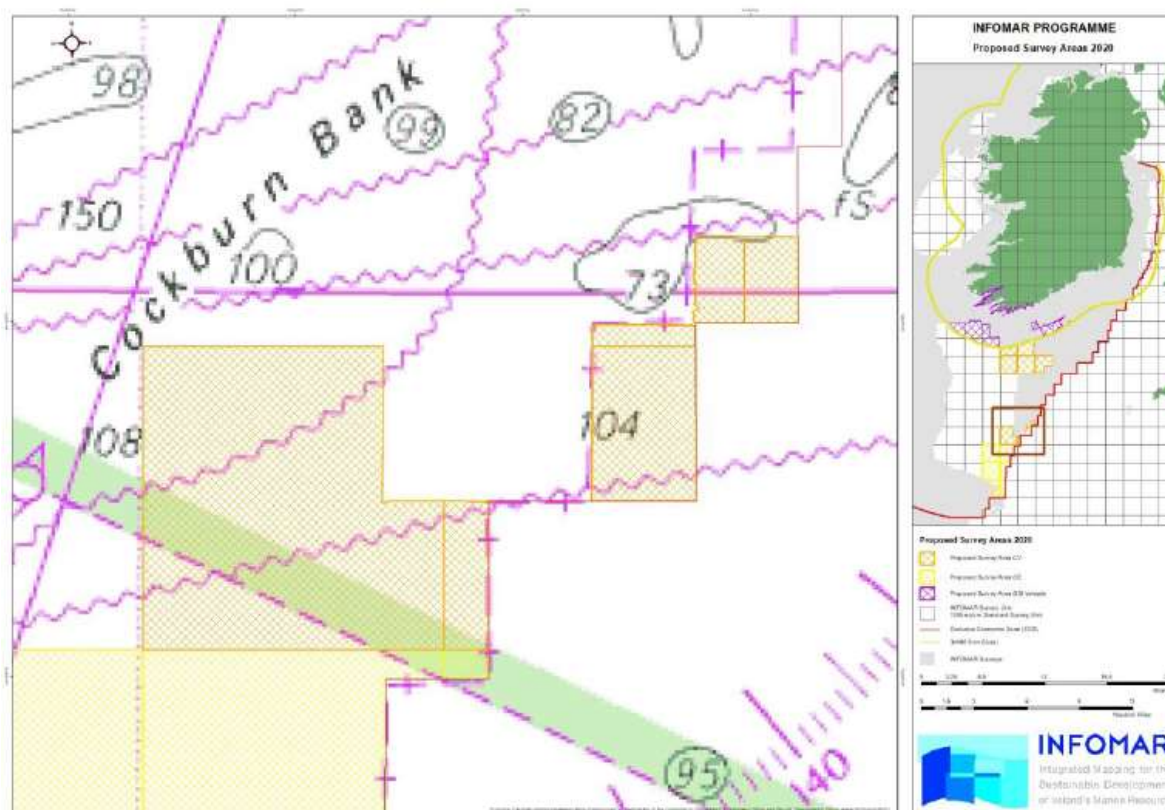
**Figure 2:** R.V. Celtic Voyager Celtic Sea North survey area

The generic coordinates where the survey operations are expected to take place are as follows:

Latitude	Longitude
50° 36.827'N	008° 13.745'W
50° 29.793'N	009° 33.867'W
50° 55.210'N	009° 34.277'W
51° 02.631'N	008° 40.610'W

Detailed coordinates of each survey polygon can be provided on request.

**5.3:** The R.V. Celtic Voyager is also expected to carry out survey operations in the Celtic Sea, within the orange hatched area of the figure below:



**Figure 3:** R.V. Celtic Voyager Celtic Sea south survey area.

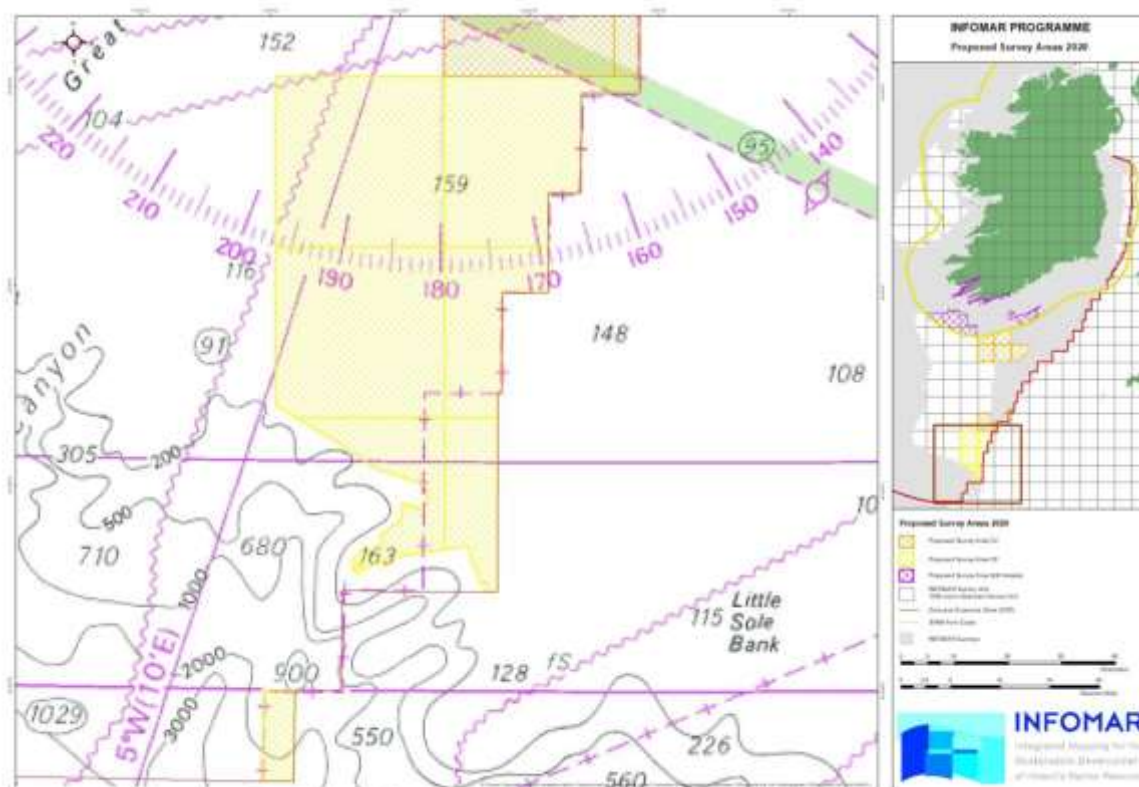
The generic coordinates where the survey operations are expected to take place are as follows:

Latitude	Longitude
49° 21.559'N	009° 03.064'W
49° 21.629'N	009° 33.223'W
49° 38.683'N	009° 33.416'W
49° 45.005'N	008° 35.999'W

Detailed coordinates of each survey polygon can be provided on request.



**5.4:** The R.V. Celtic Explorer is also expected to carry out survey operations in the Celtic Sea, within the yellow hatched areas of the figure below.



**Figure 5:** R.V. Celtic Explorer Celtic Sea survey areas.

The generic coordinates where the survey operations are expected to take place are as follows

Latitude	Longitude
48° 30.058'N	009° 24.687'W
48° 10.981'N	009° 59.904'W
49° 21.635'N	009° 59.292'W
49° 21.885'N	009° 06.856'W

Detailed coordinates of each survey polygon can be provided on request.

## 6. Additional information

INFOMAR Charts and information on a bay basis can be found on the website at: <http://www.infomar.ie>.

Images, Bathymetry, Backscatter, Shaded Relief, Classification .pdfs are available on request.

INFOMAR offshore & Geological Survey Ireland onshore digital data can be downloaded via <https://jetstream.gsi.ie/iwdds/index.html>

## 7. Contact Details

Enquiries or supporting information in relation to the above Programme should be directed by email to [info@infomar.ie](mailto:info@infomar.ie), or by phone to Marine Institute +353 91 387200 or Geological Survey Ireland +353 1 6782000.

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).

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, Tourism and Sport,  
Leeson Lane, Dublin 2, D02 TR60, Ireland.

28/02/2020

Encl: Annex

For any technical assistance in relation to this Marine Notice, please contact:  
The Marine Survey Office, tel: +353-(0)1-678 3400.  
For general enquiries, please contact the Maritime Safety Policy Division, tel: +353-(0)1-678 3418.  
Written enquiries concerning Marine Notices should be addressed to:  
Dept. of Transport, Tourism and Sport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.  
email: [MarineNotices@dtas.gov.ie](mailto:MarineNotices@dtas.gov.ie) or visit us at: [www.gov.ie](http://www.gov.ie)

## Annex 1: Overview of 2020 offshore survey areas.

### INFOMAR SURVEY PLANNING

Reference grid for 1000km<sup>2</sup> Standard Survey Units. Covers Infomar surveyed area and survey gap areas.

Survey Units that contain survey gaps below 50m have been symbolised by most common depth value (modal).

Survey Units that contain survey gaps have also been clipped to show gap area extent.

Date: 16/01/20

#### Legend

-  1000km<sup>2</sup> Standard Survey Unit
-  INFOMAR Surveys
-  Biologically Sensitive Area
-  Exclusive Economic Zone (EEZ)
-  30nm from Coast

#### Standard Survey Units by Modal Depth Value for Areas containing Data Gaps

-  80m to 100m
-  100m to 150m
-  150m Plus

#### Data Gaps by Depth Below 50m

-  0m to 50m

#### Proposed Survey Areas 2020

-  Proposed Survey Area CV
-  Proposed Survey Area CE
-  Proposed Survey Area OSI Vessels

