

**APPLICATION FOR THE CONSENT TO CONDUCT MARINE SCIENTIFIC
RESEARCH IN AREAS UNDER NATIONAL JURISDICTION OF THE UNITED
KINGDOM**

Date: 12.10.07

1. General information

1.1 Cruise name and/or number: JIBS CV0734/MCA

1.2 Sponsoring institution:

Name: Marine Institute

Address: Rinville
Oranmore
Co. Galway
Ireland

Name of Chief Executive: Dr. Peter Heffernan

1.3 Scientist in charge of the project:

Name: Mr. Fergal McGrath

Address: Marine Institute, Rinville, Oranmore, Co. Galway, Ireland

Telephone: (+353) 91 387 200

Telefax: (+353) 91 387 201

1.4 Scientist(s) from UNITED KINGDOM involved in the planning of the project

Name(s): Mr. Rob Spillard

Address: Maritime and Coastguard Agency, Spring Place, 105 Commercial Road,
Southampton SO15 1EG, UK

1.5 Submitting officer:

Name and address:

Marine Institute
Rinville
Oranmore
Galway

Country: Ireland

Telephone: (+353) 91 387 200

Telefax: (+353) 91 387 201

2. Description of project (Attach additional pages as necessary)

2.1 Nature of objectives of the project:

To carry out hydrographic and geophysical survey off the coast of Northern Ireland between the 10m and 3nm limit.

2.2 Relevant previous or future research cruises:

This work will continue the hydrographic mapping carried out by Ireland under the national mapping programme, INFOMAR

2.3 Previously published research data relating to the project:

n/a

3. Methods and means to be used

3.1 Particulars of vessel

Name: R.V. Celtic Voyager
Nationality: Irish
Owner: Marine Institute

Overall length: 31.4 m
Maximum draught: 3.8m
Net tonnage: 340
Propulsion: Wartsilla UD25m5 (626Kw)
Cruising speed: 9.5 Knots
Call sign: EIQN
Method and capability of communication –
Name of master: Denis Rowan/Fergus O'Hehir
Number of crew: 7
Number of scientists on board: 8

3.2 Aircraft or other craft to be used in the project: N/A

3.3 Particulars of methods and scientific instruments

Types of samples and data	Methods to be used	Instruments to be used
Hydrographic data	Acoustic	EM1002, EA400
Geophysical	Acoustic	SES 5000 3.5kHz
Sediment	Grab sampling	Van veen

3.4 Indicate whether harmful substances will be used:

none

3.5 Indicate whether drilling will be carried out:

none

3.6 Indicate whether explosives will be used

none

4. Installations and equipment

Details of installations and equipment (dates of laying, servicing, recovery, exact locations and depth): n/a

5. Geographical areas

5.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude):

The vessel will primarily be working in the area around the mouth of Lough Foyle, bounded by the area between 6°43'10" and 6°50'21", but might also work within the area between from the Irish/UK boundary to Rathlin Island (@ to 6°11'29")

5.2 Attach chart(s) at an appropriate scale showing the geographical areas of the intended work and, as far as practicable, the positions of intended stations, the tracks of survey lines, and the locations of installations and equipment.



6. Dates

6.1 Expected dates of first entry into final departure from research area of the research vessel:

2nd November to 19th November 2008

6.2 Indicate if multiple entry is expected: yes

7. Port calls

7.1 Dates and names of intended ports of calls in UNITED KINGDOM:

Derry 13th November 2007

7.2 Any special logistical at ports of call:

no

7.3 Names/ Address / Telephone of shipping agent (if available)**8. Participation****8.1 Extent to which UNITED KINGDOM will be enable to participate to be represented in research project:**

The work is being carried out with the MCA and the selection of the area for survey has been carried out in consultation with key N. Irish stakeholders

8.2 Proposed dates and ports for embarkation / disembarkation:**9. Access to data, samples and research results****9.1 Expected dates of submission to UNITED KINGDOM preliminary reports which should include the expected dates of submission of the final results:**

1st February 2008

9.2 Proposed means for access by UNITED KINGDOM to data and samples:
WEB DISSEMINATED DATA AND SAMPLES GIVEN TO MCA**9.3 Proposed means to provide UNITED KINGDOM with assessment of data, samples and research results or provide assistance in their assessment or interpretation:**
web disseminated**9.4 Proposed means of making research results internationally available:**

web disseminated

10. Scientific Equipment

**COMPLETE THE FOLLOWING TABLE-
SEPARATE PAGE FOR EACH COSTAL STATE:**

INDICATE YES OR NO

LIST SCIENTIFIC WORK BY FUNCTION Eg: MAGNETOMETRY: GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING U/W TV MOORED INSTRUMENTS TRAWLING ECHO SOUNDING WATER SAMPLING	No No Water column including sediment sampling of the Seabed			DISTANCE FROM COAST		
				Within 12nms Maximum of 3nm from coast from 10m contour	Between 12-200nms	(Continental shelf work only)
WATER SAMPLING	none					
PROFILING INSTRUMENTS	None					
ABOVE WATER OPTICS AND PHOTOGRAPHY	none					

(On behalf of the Principle Scientist)

Dated -----