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

Date: 17/06/2008

1. General information

1.1 Cruise name and/or number: Irish Groundfish Survey 2008 – IGFS08

1.2 **Sponsoring institution:** Marine Institute

Name: Marine Institute

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

Name of Chief Executive: Dr. Peter Heffernan

1.3 **Scientist in charge of the project:**

Name: David Stokes

Address: Fisheries Science Services
The Marine Institute,
Rinville,
Oranmore
Co. Galway
Ireland

Telephone: 00-353-(0)91-387200
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1.4 **Scientist(s) from UNITED KINGDOM involved in the planning of the project**

Name(s): Dr. Jim Eilis/ Brian Harley
Address: CEFAS
The Center for Environment,
Fisheries and Aquaculture Science,
Lowestoft Laboratory,
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Ken Coul
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P.O. Box 101
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1.5 Submitting officer:

Name and address: Bernadette Ní Chonghaile

Name and address:
Rinville
Oranmore
Co. Galway
Country: Ireland

Telephone: 00 353 91 730400

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

2.1 Nature of objectives of the project:
The Irish Groundfish Survey (IGFS) is carried out in the 4th quarter annually as part of an internationally coordinated survey effort under the ICES working group for International Bottom Trawl Surveys (IBTS). The primary objective is to use trawl sampling to provide an annual relative index of abundance and recruitment for commercially exploited fish stocks.

2.2 Relevant previous or future research cruises:
Annual 4th quarter survey since 1997.

2.3 Previously published research data relating to the project:

3. Methods and means to be used

3.1 Particulars of vessel

Name: RV Celtic Explorer

Nationality: Irish

Owner: Marine Institute

Overall length: 65.5m

Maximum draught: 5.7m

Net tonnage: 2435t

Propulsion: Diesel electric propulsion plant 2 inverter controlled variable speed reversing dc propulsion motor in tandem with max total oputput of 3mw runnin 16 pitch propeller. Propeller diameter =3500mm, pull at 4knots=ca 30tons

Cruising speed: 14 knots

Call sign: EIGB

Method and capability of communication –
Standard GMDS equipment weather fax NAV tex and mini/m

Phone number: GSM fax= 0876519288
Bridge phone 0872044837

Name of master: Philip Baugh/Ciaran Flannigan

Number of crew: 14

Number of scientists on board: 17

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**
Fish Samples	According to IBTS	GOV demersal trawl
CTD		Seabird Rosette
Echosounder	According to LINZ	Multibeam echosounder
Echosounder	According to LINZ	Single beam echosounder
Sediment Grab samples – ground truthing	According to LINZ	Grab samples

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):
None

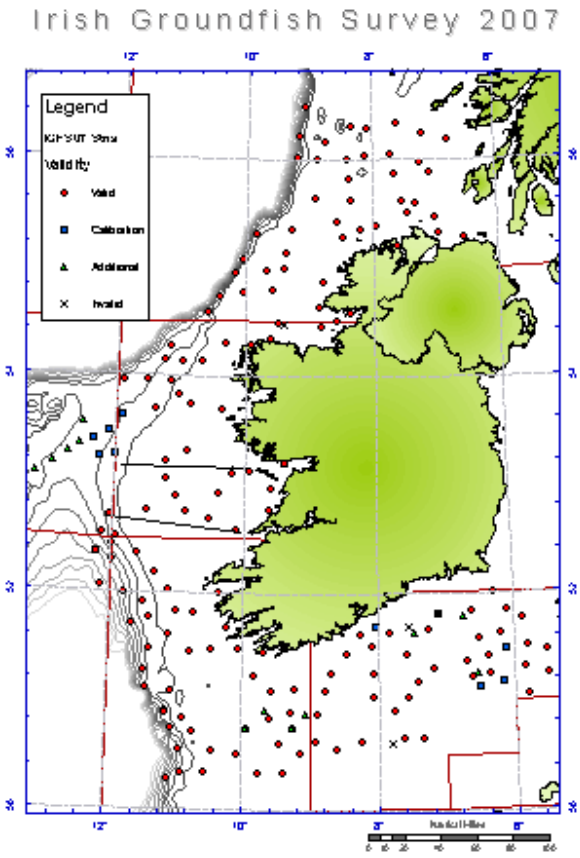
5. Geographical areas

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

West of Scotland in ICES division VIa south of 56.5°N, and all of VIIb. In the Celtic Sea the survey will cover VIIg and VIIj north of the 50°N line and west to the 600m contour.

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.

Station positions for the relevant areas carried out in 2006 are indicative of the sampling sites and intensity for IGFS07.



Dates

During the period September 23rd – October 4th 2008. The survey then recommences to the west of Ireland from the 26th October – 29th November.

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

During the period September 23rd – October 4th 2008.

6.2 Indicate if multiple entry is expected:

Yes

Port calls

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

None in the UK

7.2 Any special logistical at ports of call:

None

7.3 Names/ Address / Telephone of shipping agent (if available)

8. Participation

8.1 Extent to which UNITED KINGDOM will be enabled to participate to be represented in research project:

At least one berth will be made available for participation in the survey.

8.2 Proposed dates and ports for embarkation / disembarkation:

Survey will mobilise and terminate in Galway, Ireland.

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:

To the IBTS working group in March 2009.

9.2 Proposed means for access by UNITED KINGDOM to data and samples:

Through IBTS representative in the Marine Institute, Dave Stokes.

9.3 Proposed means to provide UNITED KINGDOM with assessment of data, samples and research results or provide assistance in their assessment or interpretation:

Through the IBTS working group report in March 2009, the DATRAS database at ICES and the relevant ICES assessment working group reports.

9.4 Proposed means of making research results internationally available:

Through the IBTS working group report in March 2009, the DATRAS database at ICES and the relevant ICES assessment working group reports.

10. Scientific Equipment

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

INDICATE YES OR NO

LIST SCIENTIFIC WORK BY FUNCTION:				DISTANCE FROM COAST		
MAGNETOMETRY GRAVITY BATHYMETRY SEABED SAMPLING ECHO SOUNDING	Water column including sediment sampling of the Seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteri-stics	Within 12nms Yes	Between 12-200nms YES	(Continental shelf work) YES
Trawling Multibeaming CTD's	No Yes Yes	Yes Yes Yes	Yes Yes Yes			

Dave Stokes

(On behalf of the Principle Scientist)

Dated 17/06/08
