Application for Consent to conduct
Marine Scientific Research

Date: _07/08/2015_____

1. General Information

1.1 Cruise name and/or number: Anglerfish and megrim trawl survey

1.2 Sponsoring Institution(s):	
Name:	Marine Institute
Address:	Rinville, Oranmore, Ireland
Name of Director:	Paul Connolly

1.3 Scientist in charge of the Project:	
Name:	Hans Gerritsen
Country:	Ireland
Affiliation:	Marine Institute
Address:	Rinville, Oranmore, Ireland
Telephone:	+353 91 387297
Fax:	
Email:	Hans.gerritsen@marine.ie
Website (for CV and photo):	

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	Sven Kupschus
Affiliation:	CEFAS
Address:	Pakefield Rd, Lowestoft, Suffolk, NR33 0HT
Telephone:	+44 1502 562244
Fax:	
Email:	sven.kupschus@cefas.co.uk
Website (for CV and photo):	

Name:	Liz Clarke
Affiliation:	Marine Schotland
Address:	375 Victoria Road ABERDEEN AB11 9DB
Telephone:	+44 1224 295507
Fax:	
Email:	e.d.clarke@marlab.ac.uk
Website (for CV and photo):	

2. Description of Project

2.1 Nature and objectives of the project:
Nature of the project: - Bottom trawling to the North of Ireland, at depths from 150m - 1000m. - Beam trawling to the South-west of Ireland at depths up to 150m. Objectives: - To provide abundance indices for anglerfish and megrim - To provide maturity data for a range of species.

2.2 If designated as part of a larger scale project, then provide the name of the project and

the Organisation responsible for coordinating the project:
The bottom trawl part of the survey is coordinated with Marine Schotland, the beam trawl part of the survey is coordinated with CEFAS, see section 1.4. for contact details.

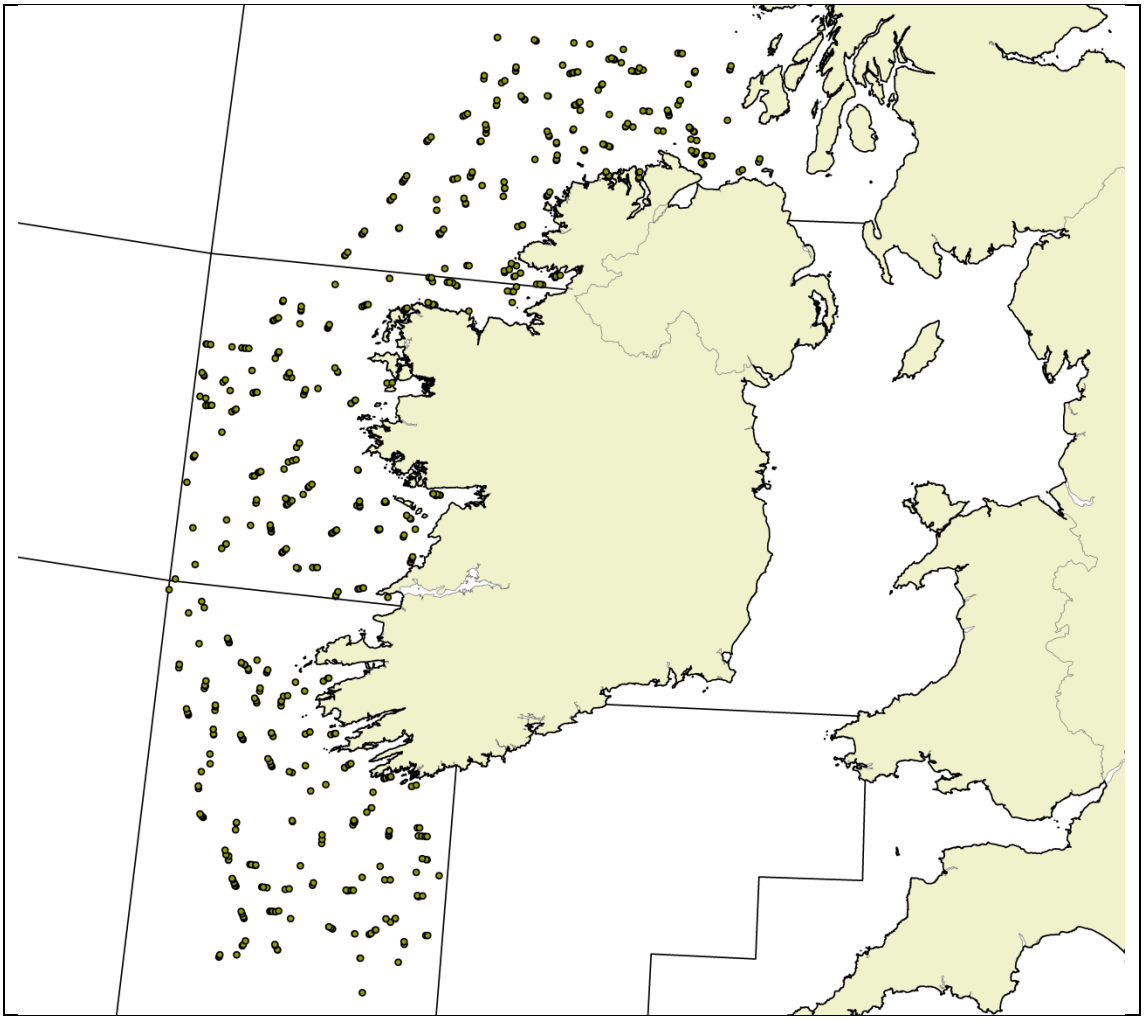
2.3 Relevant previous or future research projects:
ICES stock assessment

2.4 Previous publications relating to the project:

3. Geographical Areas

3.1 Indicate geographical areas in which the project is to be conducted (with reference in Latitude and longitude in decimal degrees, including coordinates of cruise/track/way points/sampling stations). Please provide coordinates in a separate excel spreadsheet.
ICES area VIa – south (54.5 – 56.0 degrees North, 4.0 – 11.0 degrees West) ICES area VIIj (48.0-52.5 degrees North, 9.0 – 11.0 degrees West) The survey area does not extend beyond the 1000m depth contour. Port call in Ireland

3.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical Areas of the intended work and, as far as practicable, the location and depth of sampling Stations, the tracks of survey lines, and the locations of installations and equipment.



4. Methods and means to be used

4.1 Particulars of vessel:	
Name:	Celtic Explorer
Type/Class:	Multipurpose Research Vessel
Nationality (Flag State):	Irish
Identification Number (IMO/Lloyds No.):	D100 A1 ICE CLASS ID + UMS +SCM DP (CM)
Owner:	Marine Institute
Operator:	P&O Maritime Services
Overall length (meters):	65.5
Maximum draught:	5.7m
Displacement/Gross Tonnage:	2425T
Propulsion:	2 x 1530 KW, 1000Rpm, 1 x 1020 KW, 1000 Rpm
Cruising & maximum speed:	10 & 16 knots
Call sign:	EI GB
INMARSAT number and method and capability of communication (including emergency frequencies):	00353 91 423397 / 00353 91 423433 00870 763066743 00 353 87 9678520 / 00 353 86 1735500
Name of Master:	Antony Hobin/Denis Rowan
Number of Crew:	13-15
Number of Scientists on board:	18-20 max

4.2 Particulars of Aircraft:

Name:	
Make/Model:	
Nationality (flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall Length (meters):	
Propulsion:	
Cruising & Maximum speed:	
Registration No.:	
Call Sign:	
Method and capability of communication (including emergency frequencies):	
Name of Pilot:	
Number of crew:	
Number of scientists on board:	
Details of sensor packages:	
Other relevant information:	

4.3 Particulars of Autonomous Underwater Vehicle (AUV):	
Name:	
Manufacturer and make/model:	
Nationality (Flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall length (meters):	
Displacement/Gross tonnage:	
Cruising & Maximum speed:	
Range/Endurance:	
Method and capability of communication (including emergency frequencies):	
Details of sensor packages:	
Other relevant information:	

4.4 other craft in the project, including its use:

4.5 Particulars of methods, full description of scientific instruments to be used: (for fishing gear specify type and dimension) and location

Types of samples and Measurements:	Methods to be used:	Instruments to be used:	To be carried out within 12nm (yes or no):
Fish samples	Trawling	Otter trawl	Yes
Fish samples	Trawling	Beam trawl	No
CTD	Vertical cast	Seabird Rosette	Yes

4.6 Indicate nature and quantity of substances to be released into the marine environment:
None

4.7 Indicate whether drilling will be carried out. If yes, please specify:
No

4.8 Indicate whether explosives will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude:

No

5. Installations and Equipment

Details of installations and equipment (including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements):
None

6. Dates

6.1 Expected dates of first entry into and final departure from the research area by the research vessel and/or other platforms:
28/02/2016 – 19/03/2016
6.2 Indicate if multiple entries are expected:
Yes

7. Port Calls

7.1 Dates and Names of intended ports of call:
None in the UK

7.2 Any special logistical requirements at ports of call:
none

7.3 Name/Address/Telephone of shipping agent (if available):

8. Participation of the representative of the coastal State

8.1 Modalities of the participation of the representative of the coastal State in the research Project:
No expected participation on actual survey, the representatives are involved in the coordination of the surveys. A berth will be available for representatives that are interested in participating.

8.2 Proposed dates and ports for embarkation/disembarkation:
Embarkation/disembarkation will take place in Ireland

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to coastal State of preliminary report, which should include The expected dates of submission of the data and research results:
Cruise report to be published 1 May 2016

9.2 Anticipated dates of submission to the coastal State of the final report:
Cruise report to be published 1 May 2016

9.3 Proposed means for access by coastal State to data (including format) and samples:
Data will be made available through Marine Institute data portal: http://data.marine.ie/

9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:
ICES working group reports (WGBIE)

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples And research results:
Scientist in charge is also stock coordinator and participant of the ICES stock assessment working group (WGBIE) at which the results of the survey will be used.

9.6 Proposed means of making results internationally available:
Cruise reports will be available through the Marine Institute Open Access Repository: http://oar.marine.ie/

10. Other permits Submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or Pending):
None

11. List of Supporting Documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:
None

Signature:

Contact information of the focal point:
Name: Hans Gerritsen
Country: Ireland
Affiliation: Marine Institute
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Fax:
Email: hans.gerritsen@marine.ie