

Application for Consent to conduct
Marine Scientific Research

Date: 23/05/2014

1. General Information

1.1 Cruise name and/or number:
SELTRA sorting box Selectivity trial

1.2 Sponsoring Institution(s):	
Name:	Bord Iascaigh Mhara (BIM)
Address:	Crofton Road, Dun Laoghaire, Co. Dublin, Ireland
Name of Director:	Jason Whooley

1.3 Scientist in charge of the Project:	
Name:	Daragh Browne
Country:	Ireland
Affiliation:	BIM
Address:	BIM Regional Office, New Docks, Galway, Ireland
Telephone:	00353 87 662 4908
Fax:	00353 91 568 569
Email:	browned@bim.ie
Website (for CV and photo):	www.bim.ie

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	As 1.3 above
Affiliation:	
Address:	
Telephone:	
Fax:	
Email:	
Website (for CV and photo):	

2. Description of Project

2.1 Nature and objectives of the project:
With the new CFP's objective of reducing or eliminating unwanted bycatch in commercial fisheries within European waters a series of national trials are planned which will help achieve this objective. 10 days of fishing trials using a SELTRA equipped trawl and 300m SMP equipped trawl are planned and it is intended to operate this gear from the MFV Mianda (DA70). The trial is designed as a selectivity experiment using the paired trawl selectivity method (40mm mesh size).

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:
Not applicable

2.3 Relevant previous or future research projects:
Six fishing gear trials will be carried out by BIM in 2014. These trials are all designed to assist in the identification of the most environmentally friendly fishing gear.

2.4 Previous publications relating to the project:

Numerous: see www.bim.ie for publications.

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.**

Boundary

	Lat	Long
Co-ordinate 1	51°33N	005°53W
Co-ordinate 2	51°33N	006°25W
Co-ordinate 3	51°12N	006°36W
Co-ordinate 4	50°59N	006°01W
Co-ordinate 5	51°33N	005°53W

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:	MFV Mianda (DA70)
Type/Class:	24m stern trawler
Nationality (Flag State):	Ireland
Identification Number (IMO/Lloyds No.):	DA70
Owner:	William Price
Operator:	David Price
Overall length (meters):	25.45
Maximum draft:	3m
Displacement/Gross Tonnage:	170GT
Propulsion:	190KW , Cummins KTA 19
Cruising & maximum speed:	8 Knots & 10 knots
Call sign:	EI8697
INMARSAT number and method and capability of communication (including emergency frequencies):	MMSI 250000594
Name of Master:	David Price
Number of Crew:	Six
Number of Scientists on board:	three

4.2 Particulars of Aircraft: Not applicable

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): Not applicable	
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:
Not applicable

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):
Nephrops and fish Weights and lengths	Quad rigged demersal trawl.	40mm – 50mm small mesh codend for determining selectivity	No.
		Large 300mm SMP	
		Seltra Trawl	

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

5.1 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:

Between 17th June and 30th July 2014 (To allow for up to 10 days of sampling)
(If necessary we can inform authorities of the exact dates closer to the time of trials and also inform as soon as 10 days have been completed)

6.2 Indicate if multiple entries are expected:

Yes. Operating on the Smalls fishing ground and following conventional trawling tows.

7. Port calls

7.1 Dates and Names of intended ports of call:

None

7.2 Any special logistical requirements at ports of call:

None

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

None

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:

BIM as a State Agency reporting to the Department of Agriculture, Fisheries and the Marine will oversee this fishing gear trial.

8.2 Proposed dates and ports for embarkation/disembarkation:

Embark Dunmore East: 17/06/2014

Disembark Dunmore East: 30/07/2014

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:

November 14th 2014

9.2 Anticipated dates of submission to the coastal State of the final report:

December 14th 2014

9.3 Proposed means for access by coastal State to data (including format) and samples:

Data available by request to BIM. No samples will be collected.

9.4 Proposed means to provide coastal State with assessment of data, samples and research results:
No samples will be collected research results will be made available through BIM

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples and research results:
Through BIM on request

9.6 Proposed means of making results internationally available:
Through BIM on request

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.:
Spreadsheet of coordinates of fishing area Chart outlining fishing area.

Signature: 

Contact information of the focal point:
Name: Daniel McDonald
Country: Ireland
Affiliation: BIM
Address: Greencastle, Co. Donegal Ireland
Telephone: 00353872585517
Fax:
Email: McDonald@bim.ie