

Application for Consent to conduct
Marine Scientific Research

Date: 30-11-2018_____

1. General Information

1.1 Cruise name and/or number:

1.2 Sponsoring Institution(s):	
Name:	Marine Institute
Address:	Rinville, Oranmore, Co. Galway, Ireland
Name of Director:	Peter Heffernan

1.3 Scientist in charge of the Project:	
Name:	Brendan O' Hea
Country:	Ireland
Affiliation:	Marine Institute
Address:	Rinville, Oranmore, Co. Galway, Ireland
Telephone:	+353 91 387200
Fax:	+353 91 387201
Email:	brendan.ohea@marine.ie
Website (for CV and photo):	

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	Finlay Burns
Affiliation:	MSSML
Address:	PO Box 101, 375, Victoria Rd., Aberdeen AB11 9DB, Scotland
Telephone:	+44 1224 876544
Fax:	+44 1224 295511
Email:	f.burns@marlab.ac.uk ; Finlay.Burns@scotland.gsi.gov.uk
Website (for CV and photo):	

2. Description of Project

2.1 Nature and objectives of the project:
Every three years the International Council for the Exploration of the Sea, (ICES), coordinates a series of mackerel and horse mackerel egg surveys covering the northeastern Atlantic from Gibraltar to the Faroes, between January and July. The aim of this survey programme is to assess the northeastern Atlantic mackerel and horse mackerel stocks. Ireland, as well as the UK, participates in these surveys. It is proposed that the Marine Institute will carry out a survey in June 2019 as part of this programme. The proposed survey area is to the west of Ireland and west of Scotland.

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:
WGMEGS mackerel egg surveys 2019

2.3 Relevant previous or future research projects:

This survey will be linked to the MEGS triennial surveys, the most recent of which took place in 2016.

2.4 Previous publications relating to the project:

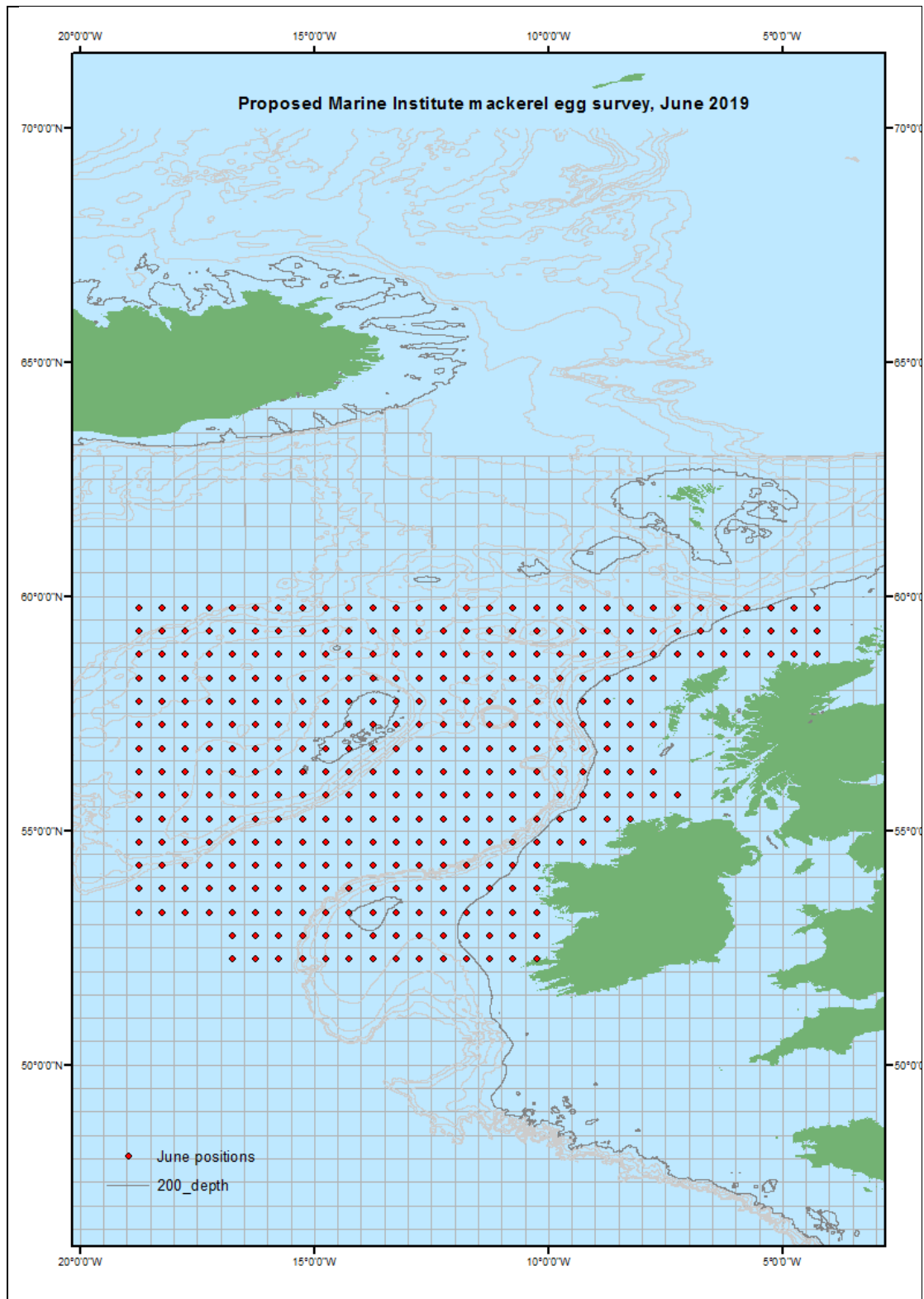
The results from previous egg surveys can be found in the WGMEGS reports in the years following the surveys, the most recent of which is the 2017 report.

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.

52N 010W	52N 019W
60N 004W	60N 019W

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:	TBA
Type/Class:	
Nationality (Flag State):	Ireland
Identification Number (IMO/Lloyds No.):	
Owner:	

Operator:	
Overall length (meters):	
Maximum draught:	
Displacement/Gross Tonnage:	
Propulsion:	
Cruising & maximum speed:	
Call sign:	
INMARSAT number and method and capability of communication (including emergency frequencies):	
Name of Master:	
Number of Crew:	8 - 10
Number of Scientists on board:	5 - 6

4.2 Particulars of Aircraft:	
Name:	None
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:	None
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:	
None	

4.5 Particulars of methods, full description of scientific instruments to be used(for fishing gear specify type and dimension) and location	
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Types of samples and Measurements:	Methods to be used:	Instruments to be used:	To be carried out within 12nm (yes or no):
Plankton samples	V-shaped tows to a max. depth of 200m	GULF VII plankton sampler	Yes
Histology samples	Fishing operations	Mid-water trawl	No

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:

June 15th to 28th 2019

6.2 Indicate if multiple entries are expected:

Unsure. The survey is adaptive and results will dictate where sampling will take place.

7. Port Calls

7.1 Dates and Names of intended ports of call:

None

7.2 Any special logistical requirements at ports of call:

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:

The UK Scotland is involved in the WGMEGS surveys. It is not anticipated that UK scientists will participate on this survey but they will have access to the results.

8.2 Proposed dates and ports for embarkation/disembarkation:

Start: June 9th 2019, Galway, Ireland
End: June 29th 2019, Galway, 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:

The survey report will be made available within 6 months.

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

The final results will be available after consideration by WGMEGS in 2020.

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

Please contact the Chief Scientist with any survey data requests.

9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:

The results of the survey will be published by WGMEGS in the 2020 report

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples

And research results:

9.6 Proposed means of making results internationally available:

ICES working group reports

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:

Country:

Affiliation:

Address:

Telephone:

Fax:

Email: