EMBAJADA DE ESPAÑA
EN LONDRES

No. 130

The Embassy of Spain presents its compliments to the Maritime Policy Unit of the Legal Directorate of the Foreign & Commonwealth Office and has the honour to refer to this Embassy's Note Verbale Nº122 of 23rd September 2015, in which permission was requested for the Spanish Oceanographic vessel "B/O RAMÓN MARGALEF" to carry out the "TRIENAL 2016" campaign in British jurisdictional waters from 21st to 28th March 2016.

We have now the honour to enclose to this Note Verbale the additional information requested by that Directorate.

The Embassy of Spain avails itself of this opportunity to renew to the Maritime Policy Unit of the Legal Directorate of the Foreign & Commonwealth Office the assurances of its highest consideration.

London, 2nd October 2015

TO THE
MARITIME POLICY UNIT
LEGAL DIRECTORATE
FOREIGN & COMMONWEALTH OFFICE
LONDON SW1

ANNEX A

Application for Consent to conduct Marine Scientific Research

Date: 25 of September 2015

1. General Information

1.1 Cruise name and/or number:
TRIENAL 2016_1

1.2 Sponsoring Institution(s).	
Name:	Foundation AZTI
Address:	Herrera Kaia Portualdea z/g. 20110 Pasaia. Gipuzkoa Spain
Name of Director:	Rogelio Pozo

1.3 Scientist in charge of the Project:	
Name.	Paula Alvarez
Country:	Spain
Affiliation:	Foundation AZTI
Address:	Herrera Kaia Portualdea z/g. 20110 Pasaia. Gipuzkoa. Spain
Telephone.	+34 667 174 432
Fax:	+34 94 657 25 55
Email:	palvarez@azti.es
Website (for CV and photo):	www.azti.es

1 4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	Finlay Burns
Affiliation:	Marine Scotland Science (Scotland, United Kingdom).
Address.	375 Victoria Road PO Box 101. Aberdeen

	AB11 9DB. UK
Telephone.	+44 1224 295 376
Fax.	
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, *Scomber scombrus*, and horse mackerel, *Trachurus trachurus*, egg surveys covering the Northeastern Atlantic from Gibraltar to the north coast of Scotland between January and July. The aim of this survey programme is to estimate the spawning stock biomass of the northeastern Atlantic mackerel and horse mackerel stock. AZTI participates in this programme and in this survey will cover stations in the Bay of Biscay and southern part of Celtic Sea

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:
Survey name: TRIENNIAL MACKEREL AND HORSE MACKEREL EGG SURVEYS. Mackerel/horse-mackerel egg surveys are planned in the frame of the ICES working group of mackerel and horse mackerel egg survey (WGMEGS). Survey Coordinator: Brendan O' Hea. Marine Institute. Rinville Oranmore Co. Galway. Ireland. WG Chairs: Cindy Van Damme from IMARES (Netherlands) and Finlay Burns from Marine Scotland Science (Scotland, United Kingdom)

2.3 Relevant previous or future research projects
The triennial egg survey for mackerel and horse mackerel currently provides the only fishery independent SSB estimate used in the assessment of these species in the Working Group "Widely Distributed Stocks (WGWIDE)". The survey has been conducted in the western area since 1977, and in the southern area since 1992. In its present form the survey aims at covering the whole spawning time (January - July) and area (South of Portugal to West of Scoland) for both components since 1995. The most recent survey was carried out in 2013, extending the sampling area to Icelandic waters. Applied methods. Traditionally the Annual Egg Production Method (AEPM) and since 2013, AEPM and Daily Egg Production Methods DEPM).

2.4 Previous publications relating to the project:

The results of these surveys are analysed and discussed at the WGMEGS meeting and they may be consulted in the reports submitted by the group (ICES webpage). The two last reports are:

ICES, 2011. Report of the Working Group on Mackerel and Horse Mackerel Egg Surveys (WGMEGS). ICES CM 2011/SSGESST: 07 11-15 April 2011, San Sebastian. Spain

ICES, 2014. Report of the Working Group on Mackerel and Horse Mackerel Egg Surveys (WGMEGS). ICES CM 2014/SSGESST: 14. 7-11 April 2014. Reykjavic, Iceland.

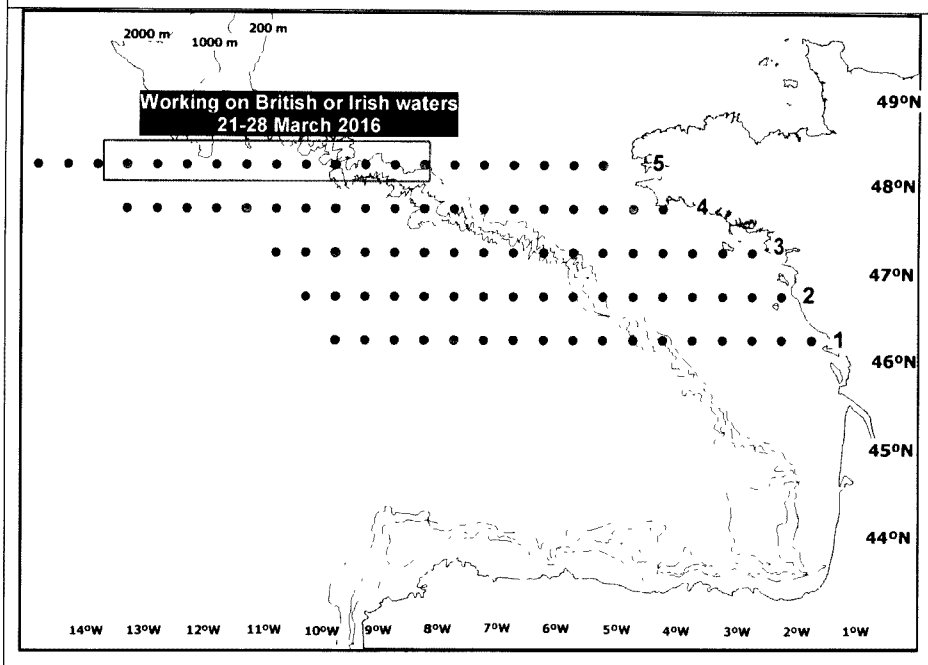
3. Geographical Areas

3.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude in degrees, including coordinates of cruise track/way points/ sampling stations). Please provide coordinates in a table format using a separate excel spreadsheet.

LON cen	LAT cen	LON sexag	LAT sexag
-5.25	48.25	5° 15'	48° 15'
-5.75	48.25	5° 45'	48° 15'
-6.25	48.25	6° 15'	48° 15'
-6.75	48.25	6° 45'	48° 15'
-7.25	48.25	7° 15'	48° 15'
-7.75	48.25	7° 45'	48° 15'
-8.25	48.25	8° 15'	48° 15'
-8.75	48.25	8° 45'	48° 15'
-9.25	48.25	9° 15'	48° 15'
-9.75	48.25	9° 45'	48° 15'
-10.25	48.25	10° 15'	48° 15'
-10.75	48.25	10° 45'	48° 15'
-11.25	48.25	11° 15'	48° 15'
-11.75	48.25	11° 45'	48° 15'
-12.25	48.25	12° 15'	48° 15'
-12.75	48.25	12° 45'	48° 15'
-13.25	48.25	13° 15'	48° 15'
-13.75	48.25	13° 45'	48° 15'
-14.25	48.25	14° 15'	48° 15'
-14.75	48.25	14° 45'	48° 15'
-15.25	48.25	15° 15'	48° 15'
-15.75	48.25	15° 45'	48° 15'

The table shows the coordinates of stations (Latitude and longitude) for Radial 5. The final number of stations will be determined during the cruise as it depends on egg abundance.

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.



The Figure shows the theorical position of plankton samples during the TRIENIAL 2016 cruise Each dot represents a station of plankton and CTD Adult trawls will be deployed in the area according to acoustic signal The RED RECTANGLE indicates the area corresponding to British waters This area is expected to be reached from 21-28 of March

4. Methods and means to be used

4 1 Particulars of vessel:	
Name:	B/O Ramon Margalef
Type/Class:	Regional multipurpose research vessel
Nationality (Flag State):	Spanish
Identification Number (IMO/Lloyds No.)	9524633
Owner:	Instituto Español de Oceanografía (IEO)
Operator:	Instituto Español de Oceanografía (IEO)
Overall length (meters):	46.7 m
Maximum draft:	10.5 m
Displacement/Gross Tonnage:	988 GT
Propulsion:	Diesel - electric
Cruising & maximum speed:	13 knots

Call sign:	EAEF
INMARSAT number and method and capability of communication (including emergency frequencies):	+870.773.134.144 (Call) +870.783.134.128 (Facs)
Name of Master:	Not available yet
Number of Crew:	12 + 2
Number of Scientists on board:	9

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 for geophysical survey the type of equipment, source levels, frequency and duty cycle to be used) and location.

Types of samples and measurements:	Methods to be used:	Instruments to be used:	To be carried out within 12nm (yes or no):
Icthyoplankton at each station	Double Oblique trawl	BONGO 40 net	No
Adult fish (when are acoustically detected)	Pelagic trawl	Pelagic net	No

4.6 Indicate nature and quantity of substances to be released into the marine environment:
No substances will be released

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):
Not applicable

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:
From 21th of March to 28th of March
6.2 Indicate if multiple entries are expected:
Not applicable

7. Port calls

7.1 Dates and Names of intended ports of call:
Not Port of call

7.2 Any special logistical requirements at ports of call:
Not applicable

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:

8.2 Proposed dates and ports for embarkation/disembarkation:
Not applicable

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:
At the end of May 2016

9.2 Anticipated dates of submission to the coastal State of the final report:
November 2016

9.3 Proposed means for access by coastal State to data (including format) and samples:
By contact with Paula Alvarez (email: palvarez@azti.es)

9.4 Proposed means to provide coastal State with assessment of data, samples and research results:
By contact with Paula Alvarez (email: palvarez@azti.es)

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples and research results:
By contact with Paula Alvarez (email: palvarez@azti es)

9.6 Proposed means of making results internationally available:
By contact with Paula Alvarez (email. palvarez@azti es)

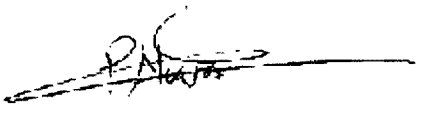
10. Other permits submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or pending):
Not applicable

11. List of supporting documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:

Signature.



Contact information of the focal point

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