MINISTERIO DE
AGRICULTURA Y PESCA,
ALIMENTACIÓN Y
MEDIO AMBIENTE

DIRECCIÓN GENERAL DE
RECURSOS PESQUEROS Y
ACUICULTURA

Subdirección General de Protección de
los Recursos Pesqueros

Notification of Research Cruise

Programme SELAR 2017 MARMARES Bottom Trawl Selectivity Cruise

Part A:

1.- Vessel name: MAR MARES

2.- Cruise period: 20 August to 10 October (depending on sea conditions)
3.- Institute in charge of the cruise: AZTI Tecnalia (Spain)
4.- Vessel owner: LAGUN TALDE S.A.
5.- Characteristic of the vessel: Stern Bottom Trawler

Name: MAR MARES
Nationality: Spanish
Total length: 38.5 m
Draft maximum: 4,2 m
Gross Tonnage: 409.1 GT
Horse Power: 964 HP
Call Signal: E.C.E.O. 3VI 2-3-03
Telephone: (Owner office) (34) 946831306
Telefax: (34) 946833327

6.- Crew
Name of the Captain: Aitor Kaltzakorta
Crew members: 12

7.- Scientific Crew:
Name and address of the researcher responsible of the cruise:
Luis Arregi
AZTI - Tecnalia / Itsas Ikerketa Saila
Txatxarramendi Ugartea z/g
48395 Sukarrieta (Bizkaia)-SPAIN
e-mail: larregi@azti.es
Nº telephone: (34) 94 6574000
Nº telefax: (34) 94 6572555

Number of researchers: 2

8.- Geographical area of the cruise (given by latitude and longitude):

The cruise will be carried out in the division VIa, within the area defined by the following four points (still to be defined):

9.- Brief description of the Cruise objectives

To test, under commercial fishing conditions, the ability of selective devices in reducing the catch of non-desired fish (discard).

10.- Dates and name of the stopover harbours planned

According to the current planning, the cruise is expected to start and finish in Lochinver (Scotland).

11.- Any logistical requirement in the stopover harbours

Nothing particular

Part B:

1.- Name of the vessel:

MAR MARES, E.C.E.O. 3VI 2-3-03.

2.- Period concerned:

Between the 20th of August and the 10th of October. To be specified depending on the weather conditions, as well as the presence of the vessel in the area.

3 – Objective of the Cruise and general methods of work:

The overall objective of this cruise is the minimization of discards in the trawl, with special attention to the species subject to a TAC in relation to the new EU regulation on discard reduction.

In addition, the following specific objectives will be explored:

- Characterize the behaviour of different species within the trawl, and main parts that make up the trawl.

- Based on observed fish behaviour, design selective devices to be set inside the trawl, taking into account the most suitable position.

- To analyze he technical and economic effectiveness of the selective devices designed.

Methodology

It is expected to use a small meshed cover (about 50 mm) for the codend. Besides, a Square Mesh Panel will be inserted in the upper panel of the trawl and a small mesh cover will be set to collect all the fish escaping through the SMP in order to measure quantify and characterize the escapement. In essence the selectivity properties of the SMP will be analysed.

Underwater cameras, will be attached to the trawl to observe the behaviour of the fish inside the net, and in relation to the selective devices.

4 - Include a map showing (at a suitable scale) the geographical area in which the work proposed will be conducted.

A map will be included with the geographical area in which the haul will be carried out Priority areas of work will be to the South of the 48º00' N latitude and to the 7º00' W longitude.

5 - Type of studied samples:

The samples will be fish of various species (commercial and non-commercial) in order to obtain size selection of the trawl with selective devices and thus determine the selectivity of the trawl.

6 – Details concerning the equipment used in the Cruise

In addition to the typical trawl used by commercial Spanish vessels operating in the area VIa, composed by a trawl with a 100 mm codend, underwater cameras will be fixed for observation of the behaviour of the trawl and the fish in the vicinity of the selective devices.