

NOTIFICATION OF PROPOSED RESEARCH CRUISE

GENERAL

Part A

1. Name of research ship:

Rs. Bjarni Sæmundsson

Cruise No.: B-8-2013

2. Dates of cruises:

From: 10 June 2013

To: 25 June 2013

3. Operating Authority:

Marine Research Institute, Reykjavik, Iceland

Telephone: +354 575 20 00

Telefax: +354 575 20 01

4. Owner (if different from par. 3):

5. Particular of ship:

Name: Rs. Bjarni Sæmundsson

Nationality: Icelandic

Overall length: 55.9 meters

Maximum draught (m): 7 meters

Nett tonnage: 247

Propulsion: Deuts x 3 total 1593 kw

Call Sign: TFNA

Inmarsat C number 425119910, satellite telephone number 003548512105.

MSI number is:251199000

HEX ID on 406 Mhz Emergency beacon on the R/V Bjarni Saemundsson is 30 HEX

ID:4FB4E8619A69A50 / AC036C000000000

15 HEX ID: 9F69D0C334D34A1

6. Crew:

Name of Master: Ingvi Friðriksson

No. of Crew: 14

7. Scientific Personnel:

Name and address of Scientist in charge: Bjorn Gunnarsson, bjogun@hafo.is

Telephone/Telefax: +354 575 20 00/575 20 01

No. of scientists: 7

8. Geographical area in which ship will operate (with reference in latitude and longitude):

59° 30' - 63° 00' N, 17° 00' - 03° 00' W

9. Brief description of purpose of cruise:

The cruise is part of an international survey planned by selected member states of ICES (International Council for the Exploration of the Sea) to estimate the abundance and distribution of mackerel eggs on the spawning grounds of the species. The data are important fishery independent data that are used in relation to assessment of the stock. Egg will be sampled with Gulf VII plankton samplers down to 200 m. depth. Temperature and salinity measurements by CTD will also be taken. Mackerel will be sampled with pelagic trawl at few stations if recorded.

10. Dates and names of intended ports of call:

No port call

11. Any special logistic requirements at ports of call:

NOTIFICATION OF PROPOSED RESEARCH CRUISE DETAIL
DETAIL

Part B

1. Name of research ship

Rs. Bjarni Saemundsson

Cruise No.

B-8-2010

2. Dates of cruise:

From: 10.6.2013

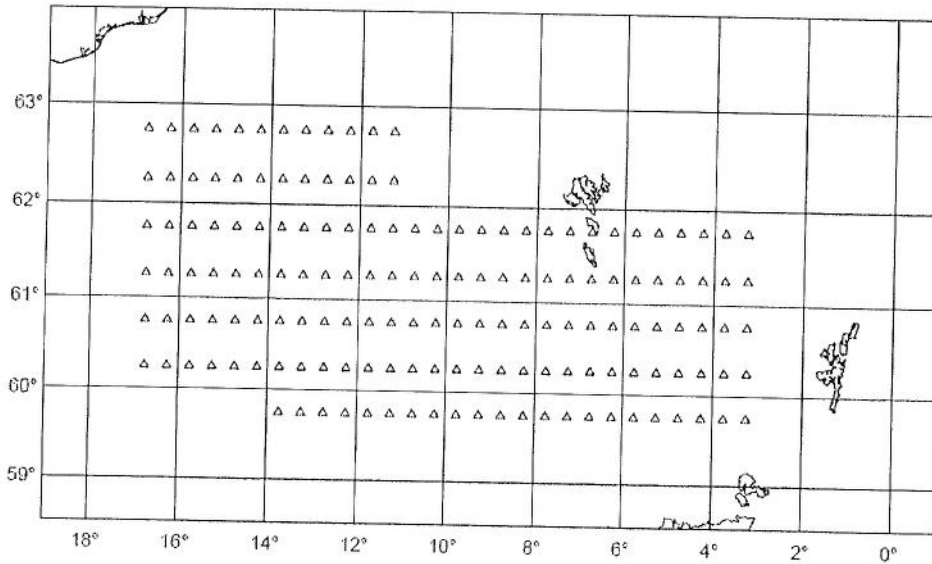
To: 25.6.2013

3. Purpose of research and general operational methods:

To take part in an international survey planned by selected institute's of the member states of ICES (International Council for the Exploration of the Sea) to estimate the abundance and distribution of mackerel eggs on the spawning grounds of the species. The data are important fishery independent data that used are in relation to assessment of the stock. Egg will be sampled with Gulf VII plankton samplers down to 200 m. depths. Temperature and salinity measurements by CTD will also be taken and mackerel sampled by pelagic trawl.

The institutes involved in the survey are: Fisheries Research Scotland, Aberdeen, UK. Institute of Marine Reserarch, Bergen, Norway. Marine Research Institute, Reykjavik, Iceland and IMAERS (Institute for Marine Resources and Ecosystem Studies), Wageningen, Netherlands. Thünen-Institute for Sea Fisheries, Palmaille 9 22767 Hamburg Germany. Marine Institute Renville Oranmore Co. Galway Ireland. INRB - IPIMAR Avenida de Brasilia 1449-006 Lisbon Portugal. Faroe Marine Research Institute, Faroe Islands. Instituto Español de Oceanografía Centro Oceanográfico, Spain.

4. Attach chart showing (on an appropriate scale) the geographical area work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment:



Intended plankton sampling and CTD stations.

5. Types of samples required, e.g. Geological/Water/Plankton/Fish/Radioactivity/ Isotope and methods by which samples will be obtained (including dredging/coring/drilling):

Mackerel sampled by pelagic trawl for biological data. Mackerel eggs sampled by plankton nets. Water samples by water bottles.

6. Details of moored equipment:

Dates: _____

Longitude: _____

Latitude: _____

Description: _____

Recovery: _____

Laying: _____

7. Explosives:

(a) Type and Trade name: _____

(b) Chemical content: _____

(c) Dept of Trade class and storage: _____

(d) Size: _____

(e) Depth of detonation: _____

(f) Frequency of detonation: _____

(g) Position in latitude and longitude: _____

(h) Dates of detonation: _____

8. Detail and reference of:

(a) Any relevant previous/future cruises:

This is the ICES Triennial Mackerel and Horse Mackerel Egg survey

**(b) Any previously published research data related to the proposed cruise
(Attach separate sheet if necessary):**

ICES WGMEGS reports (www.ices.dk)

**9. Names and addresses of scientists of the coastal state in whose waters the
proposed cruises takes place with whom previous contact has been made:**

Finley Burns, Fisheries Research Services, UK. (F.Burns@marlab.ac.uk)

Høgni Debes, Faroe Marine Research Institute, Faroe Islands. (Hoegnid@hav.fo)

10. State:

**(a) Whether visits to the ship in port by scientists of the coastal state concerned
will be acceptable.**

Yes

**(b) Whether it will be acceptable to carry on board an observer from the
coastal state for any part of the cruise and dates and ports of embarkation-
disembarkation:**

Yes

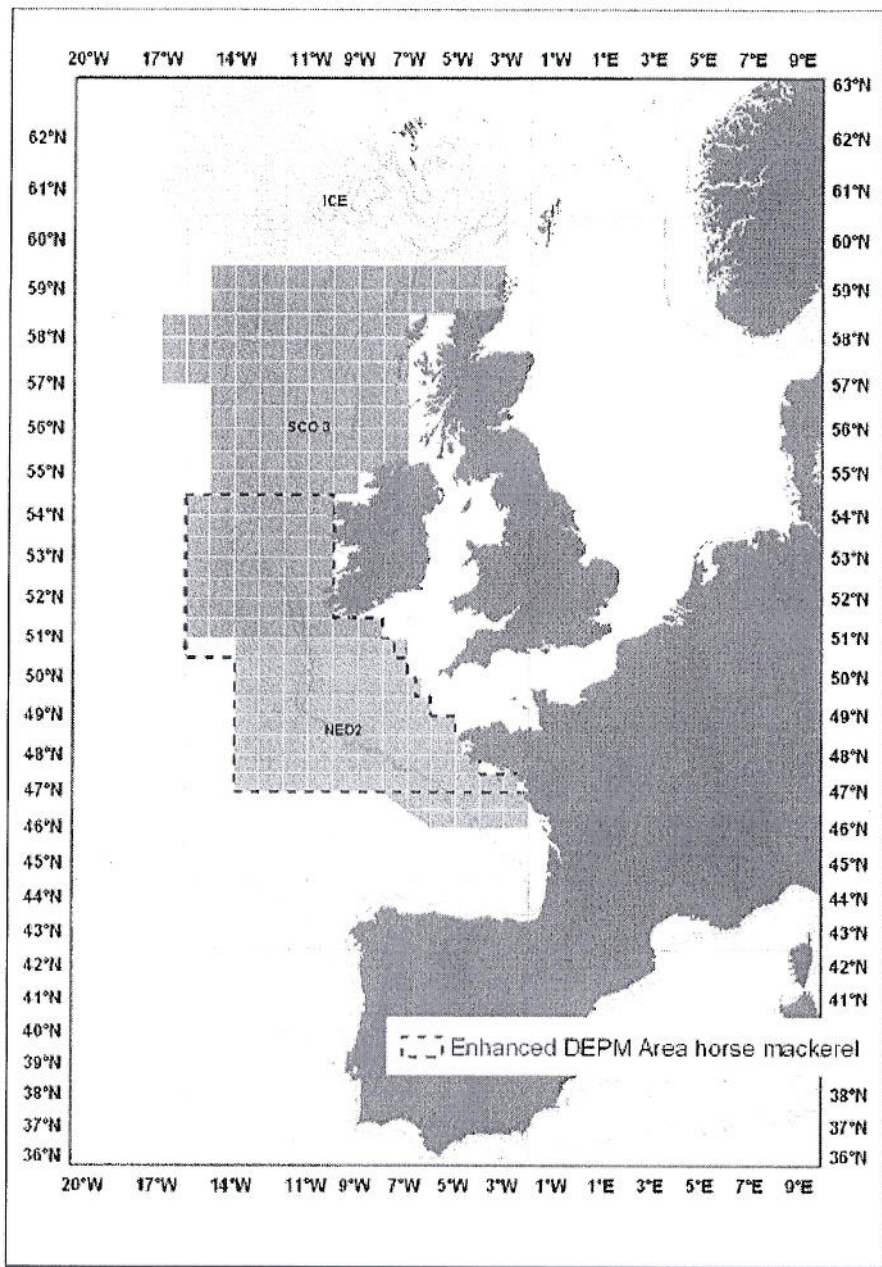
**(c) When research data from intended cruise is likely to be made available to the
coastal state and if so by what means:**

A cruise report at the end of the cruise. All data will be incorporated in a final report of the WGMEGS, ICES. Report of working group is available for download from ICES web page (www.ices.dk).

SCIENTIFIC EQUIPMENT

11. Complete the following table - SEPARATE COPY FOR EACH COASTAL STATE (INDICATE "YES" OR "NO")

List of all major Marine Scientific Equipment it is proposed to use and indicate waters in which it will be deployed	Within Fishing Limits	On Continental Shelf	DISTANCE FROM/COAST			
			Within 3 NM	Between 3-12 NM	Between 12-50 NM	Between 50-200 NM
Pelagic trawling, echo sounders and CTD, Plankton samplers.	Yes	Yes	Yes	Yes	Yes	Yes



Proposed survey area for cruise B8/2013, 10 June-25 June. The Icelandic vessel (Rs. Bjarni Saemundsson) will survey the light blue area at the top in the figure (around Faroes Islands and north of Shetland Islands).