

**APPLICATION FOR CONSENT TO CONDUCT MARINE
SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL
JURISDICTION OF ICELAND**

Date: 28.01.2014

1. General Information

- 1.1 Ship and cruise number:** Finnur Friði, Cruise 1452
- 1.2 Sponsoring institution:**
Name: Havstovan
Address: PO Box 3051, Nóatún, FO-110 Tórshavn
Faroe Islands
Name of director: Eilif Gaard
- 1.3 Scientist in charge of project:**
Name: Dr. Høgni H. Debes
Address: Havstovan
PO Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
Telefax: +298 353901
- 1.4 Scientist from UK with knowledge of the project:**
Name: Guðmundur Oskarsson and
Thorstein Sigurdsson
Address: Hafranssoknarstofnun
P.O.Box 1390, Skúlagata 4
121 Reykjavík, Iceland
- 1.5 Submitting officer:**
Name: Dr. Eilif Gaard
Address: Havstovan
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FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
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2. Description of Project

2.1 Nature and objectives of the project:

Assess the stock of Northeast Atlantic mackerel by swept area trawl survey method (International Ecosystem Summer Survey in the Nordic Seas, IESSNS) in July 2014. Three parties (Iceland, Faroes and Norway) with four vessels (one research vessel and three commercial trawlers, see text table below) take part in the survey, coordinated by the “Working Group of International Pelagic Surveys” (WGIPS) in ICES. The aim is to use the results in the assessment of mackerel by the “Working Group on Widely Distributed Stocks (Blue Whiting, NEA Mackerel, horse mackerel, and Norwegian spring spawning Herring)” [WGWIDE] in August 2014.

Ship	Nation
Finnur Fríði	Faroes
Árni Friðriksson	Iceland
To be decided	Norway
To be decided	Norway

2.2 Relevant previous or future research cruises:

Same kind of survey (cruise 1352) was carried out last year by the same parties covering the same area.

2.3 Previously published research data relating to the project:

ICES 2013. ICES. Report of the Working Group on Widely Distributed Stocks (WGWIDE). *ICES CM 2013/ACOM:15*

ICES 2012. Report of the Working Group of International Pelagic Surveys (WGIPS). *ICES CM 2012/SSGESST:22*

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: MS Finnur Friði **Nationality:** Faroese
Owner: Krossbrekka P/F, FO-510 Gøtu, Faroe Islands
Operator: Havstovan
Overall length: 76.43m **Maximum draught:** 9.1 m
Net tonnage: 840 **Gross tonnage:** 2790
Propulsion: Diesel
Cruising speed: 12 kn **Maximum speed:** 16 kn
Call sign: XPXP
Registered port and number: FD 086
Method and capability of communication: Radio-telephone
Name of master: Arni Hansen
Number of crew: 13
Number of scientists on board: 5

3.2 **Aircraft or other craft to be used in the project:** N/A

3.3 Particulars of methods and scientific instruments:

Types of samples and data	Methods to be used	Instruments to be used
Fish	Horizontal hauls	Pelagic trawl
Temperature/Salinity	Vertical casts 0-500m	CTD probe
Plankton	Vertical casts 0-200m	WP2

3.4 **Indicate whether harmful substances will be used:** NO

3.5 **Indicate whether drilling will be carried out:** NO

3.6 **Indicate whether explosives will be used:** NO

4. Installations and Equipment

Details of installations and equipment (dates of laying, servicing, recovery; exact locations and depth):

None

5. Geographical Areas

5.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude):

Plankton and fish will be sampled along the cruise transects shown in the attached chart within the approximate area 57°00'N-67°00'N and 02°00'E-14°00'W.

5.2 Attach chart(s) at an appropriate scale showing the geographical areas of the intended work and, as far as practicable, the positions of intended stations, the tracks of survey lines, and the locations of installations and equipment.

Attached

6. Dates

6.1 Expected dates of first entry into and final departure from the research area of the research vessel:

The ship is expected to be in Icelandic waters sporadically (depending on the distribution of mackerel) towards the end of the cruise to perform trawl inter-calibration together with the Icelandic research vessel Árne Friðrikson:

Entry: 15.07.2014

Exit: 25.07.2014

6.2 Indicate if multiple entry is expected:

Yes

7. Port Calls

7.1 Dates and names of intended ports of call in the United Kingdom:

No intended port call

7.2 Any special logistical requirements at ports of call:

N/A

7.3 Name/address/telephone of shipping agent (if available):

N/A

8. Participation

8.1 Extent to which UK will be enabled to participate or to be represented in the research project:

Observers are welcome aboard.

8.2 Proposed dates and ports for embarkation/disembarkation:

Tórshavn, Faroe Islands at beginning and end of cruise.

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to UK of preliminary reports which should include the expected dates of submission of the final results:

Within six months from conclusion of cruise.

9.2 Proposed means for access by UK to data and samples:

By cruise report

9.3 Proposed means to provide UK with assessment of data, samples and research results or provide assistance in their assessment or interpretation:

All data submitted to ICES.

9.4 Proposed means of making research results internationally available:

In published journals and through ICES Working Group reports.

10. Scientific Equipment

Coastal State Iceland

Port Call No

Indicate "Yes" or "No"

Dates N/A

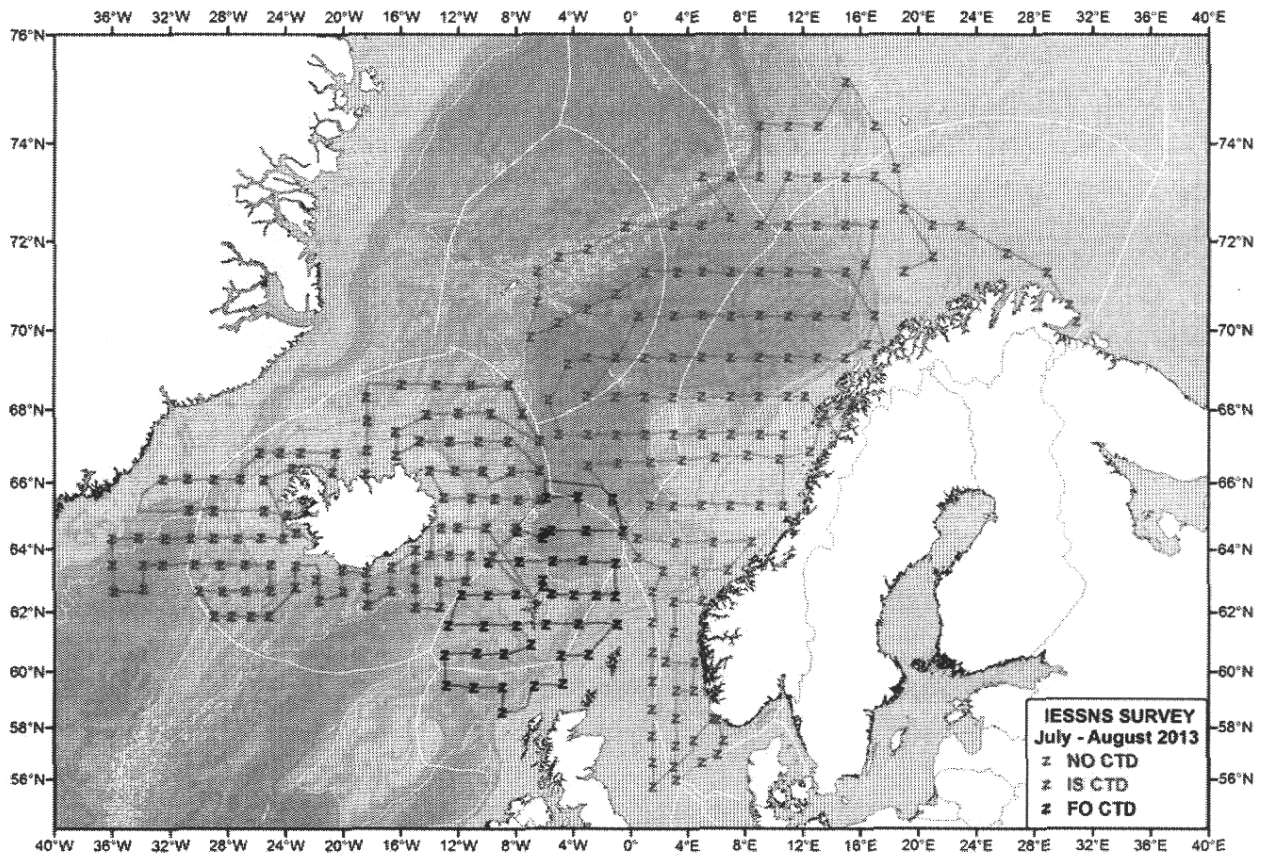
<u>LIST SCIENTIFIC WORK BY FUNCTION</u> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research concerning the natural resources of the Continental Shelf or its physical characteristics	Distance from coast within 12 nms	Distance from coast between 12-200 nm	(Continental Shelf work only) Beyond 200 nm but within the Continental margin
Water sampling	Yes	Yes	No	No	Yes	No
Plankton sampling	Yes	Yes	No	No	Yes	No
Pelagic trawling	Yes	Yes	No	No	Yes	No

Eilif Gaard

Eilif Gaard

Dated 28. January 2014

NB: IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES/AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY



Map, showing the survey area, cruise tracks and trawl stations for the different participating vessels for the joint International cruise in July-August 2013. Similar coverage will be done in 2014. The coordination is within the ICES WGIPS with the participation of four vessels from three parties (NO, FA, IC). The Faroese vessel in 2013, M/V “Finnur Fríði” is shown in black.