

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

Date: 12.07.2011

1. General Information

- 1.1 Ship and cruise number:** Finnur Friði, Cruise FF1154
- 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: Jan Arge Jacobsen
Address: Fiskirannsóknarstovan
PO Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
Telefax: +298 353901
- 1.4 Scientist from Iceland with knowledge of the project:**
Name: Guðmundur Oskarsson and
Thorstein Sigurdsson
Address: Hafrannsóknarstofnun
P.O.Box 1390, Skúlagata 4
121 Reykjavík, Iceland
- 1.5 Submitting officer:**
Name: Eilif Gaard
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FISKIMÁLARAÐGIFT

15. JUL. 2011

J. NR. 11/00573-1

2. Description of Project

2.1 Nature and objectives of the project:

Monitor the mackerel and herring migrations in the Faroese area and in the Norwegian Sea during summer feeding phase. This is the second Faroese survey for mackerel in the Norwegian Sea in summer 2011 in cooperation with the Icelandic Árni Friðriksson, coordinated by the "Working Group on Northeast Atlantic Pelagic Ecosystem Surveys" (WGNAPES) in ICES. The results will be used in the assessment of Mackerel and Norwegian spring spawning herring by the "Working Group on Widely Distributed Stocks (Blue Whiting, NEA Mackerel, horse mackerel, and Norwegian spring spawning Herring)" [WGWIDE] in September 2011.

Ship	Nation
Finnur Friði, August 2011	Faroes
Árni Friðriksson, August 2011	Iceland

2.2 Relevant previous or future research cruises:

2011 07.08-21.08 Finnur Friði.
Planned to continue in the future.

2.3 Previously published research data relating to the project:

ICES 2010. Report of the Working Group on Northeast Atlantic Pelagic Ecosystem Surveys (WGNAPES). *ICES CM 2010/SSGESST:20*

ICES 2010. Report of the Working Group on Widely Distributed Stocks (WGWIDE). *ICES CM 2010/ACOM:15*

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: 76.43 m **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: 15
Number of scientists on board: 3

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/S	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):

Biological samples will be taken along cruise transects in the Norwegian Sea. The attached chart shows intended cruise tracks where trawl samples will be taken approximately 60 nm apart. We expect to cover the Faroese area and the eastern part of the Icelandic area, and possibly the southern part of the international area of the Norwegian Sea (Faroese, Icelandic, and International EEZs), i.e. within the approximate area 61°30'N-66°00'N and 12°00'W-1°00'E.

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 for about one day on one or two occasions in the period, depending on the exact cruise plan and weather conditions: 08

Entry: 07.07.2011 (August)

Exit: 21.07.2011 (August)
08

6.2 Indicate if multiple entry is expected:

Yes

7. Port Calls

7.1 Dates and names of intended ports of call in Iceland:

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 Iceland 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:

Fuglafjørð, Faroe Islands at beginning and end of cruise.

9. Access to Data, Samples and Research Results

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

Preliminary report two weeks after the cruise, final report within six months from conclusion of cruise.

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

By cruise report.

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

All data submitted to ICES and by cruise report.

9.4 Proposed means of making research results internationally available:

In published journals and through ICES Working Group reports (WGWIDE).

10. Scientific Equipment

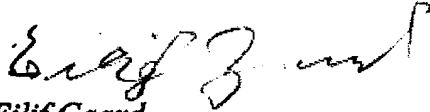
Coastal State Iceland

Port Call No

Indicate "Yes" or "No"

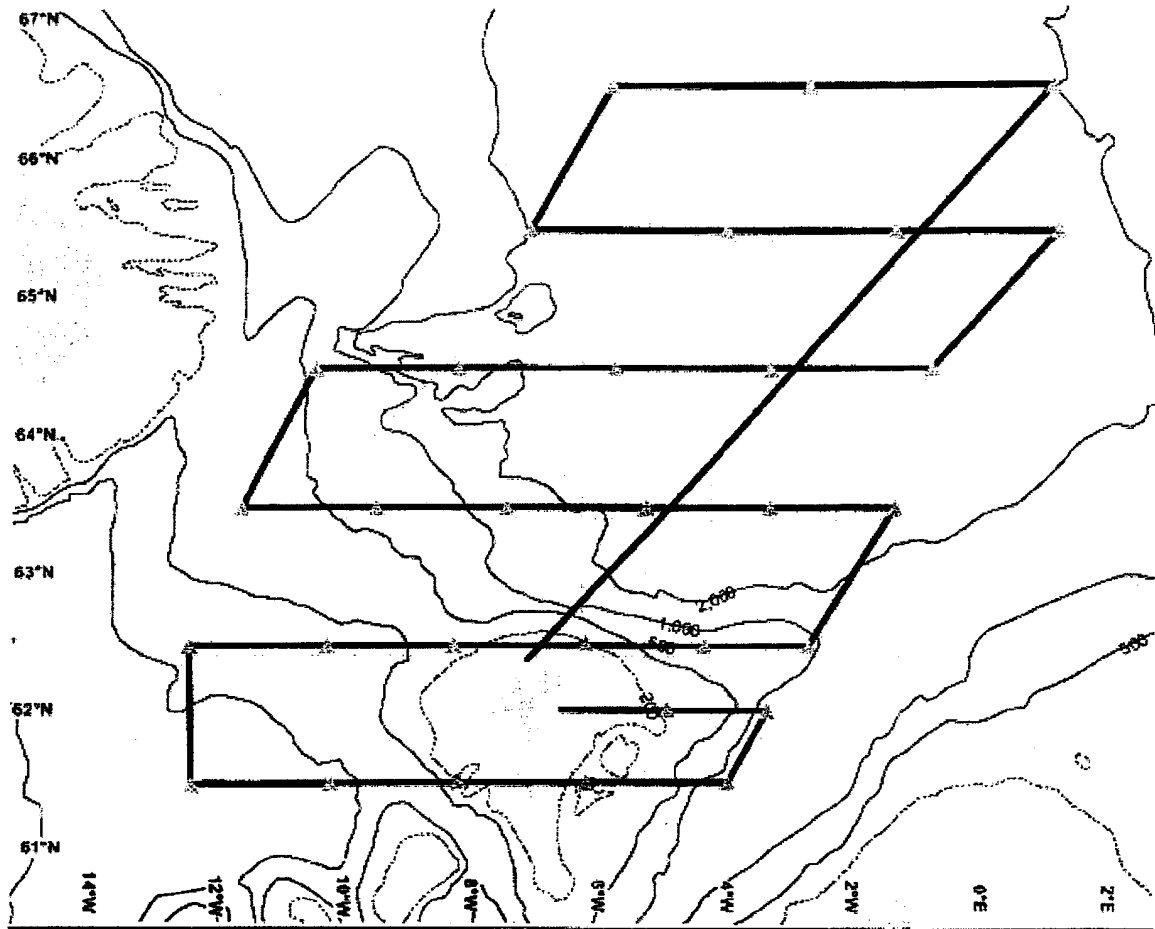
Dates N/A

<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	No	Yes	No	No	Yes	No
Plankton sampling	Yes	Yes	No	No	Yes	No
Trawl sampling	Yes	Yes	No	No	Yes	No


Eilif Gaard

Dated 12. July 2011

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 planned cruise tracks and trawl stations during the international joint mackerel and herring survey during 7-21 August 2011 with the chartered MS "Finnur Friði". "Árni Friðriksson" will cover the Icelandic EEZ during August, and the coverage in the eastern part of the Icelandic EEZ will be coordinated with the Faroese vessel to match a complete coverage of both EEZs.