

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

Date: 02.07.2010

***1. General Information***

- 1.1 Ship and cruise number:** Finnur Friði, Cruise FF1001
- 1.2 Sponsoring institution:**  
**Name:** Fiskirannsóknarstovan  
**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  
**Address:** Fiskirannsóknarstovan  
PO Box 3051, Nóatún  
FO-110 Tórshavn  
Faroe Islands  
**Telephone:** +298 353900  
**Telefax:** +298 353901

## 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 as part of the joint international survey in the Norwegian Sea. Three parties take part in the survey (FA, IC, and NO), coordinated by the "Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys" (PGNAPES) 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 2010.

Ship	Nation
Arni Friðriksson	Iceland
Libas	Norway
Brennholm	Norway
Finnur Friði or Tróndur í Gøtu	Faroes

### 2.2 Relevant previous or future research cruises:

2009            1.07-25.07      Finnur Friði.  
Planned to continue the next 5 years.

### 2.3 Previously published research data relating to the project:

ICES 2006. Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES). Krysov, A. *et al.* 2006. *ICES CM 2006/RMC:08*.

ICES 2007. Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES). *ICES CM 2007/RMC:07*

ICES 2008. Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES). *ICES CM 2008/RMC:05*

### 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:** Fiskirannsóknarstovan  
**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 the eastern Norwegian Sea up to the Jan Mayen area (Faroese, Icelandic, International and Norwegian EEZs), i.e. within the approximate area 61°30'N-68°00'N and 14°00'W-5°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:

Entry: 7.07.2010

Exit: 21.07.2010

**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:**

Tórshavn, 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

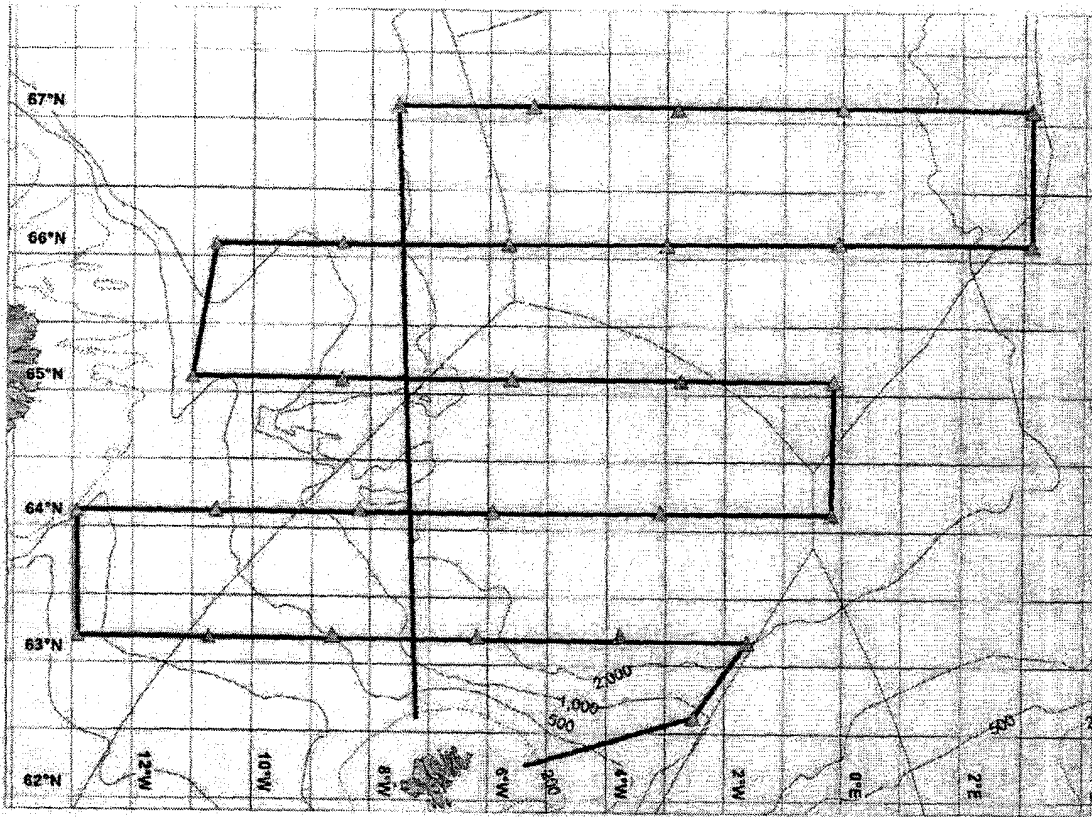
<b>LIST SCIENTIFIC WORK BY FUNCTION</b> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research 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

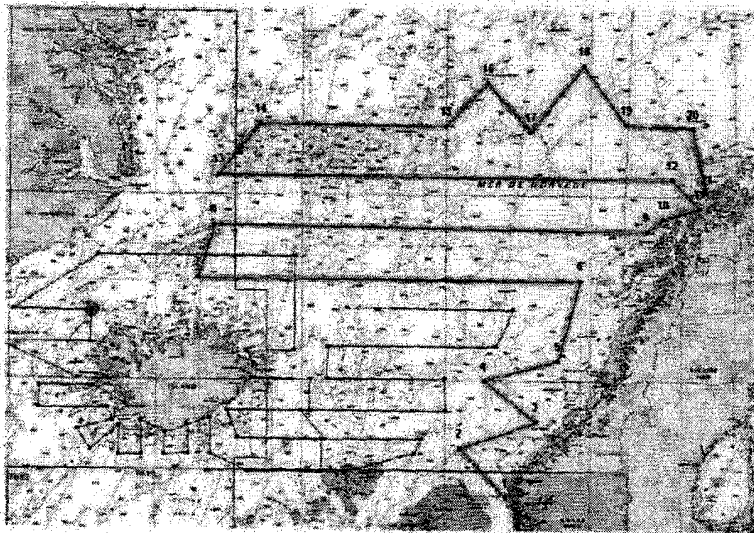


Dated 2. July 2010

**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 during the international joint mackerel and herring survey in July 2010 with the chartered MS "Finnur Friði". The Icelandic "Arni Friðriksson" will cover the area west of the Faroese vessel and Norwegian vessels cover the eastern and northern areas during the joint survey (see next map).



Map showing the total area to be covered during the joint international mackerel and herring survey in July-August 2010.