

**APPLICATION FOR CONSENT TO CONDUCT MARINE
SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL
JURISDICTION OF THE UNITED KINGDOM**

Date: 5.01.2007

1. General Information

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 0732
- 1.2 Sponsoring institution:**
Name: Fiskirannsóknarstovan
Address: PO Box 3051, Nóatún, FO-110 Tórshavn
Faroe Islands
Name of director: Stein Hjalti í Jákupsstovu
- 1.3 Scientist in charge of project:**
Name: Hjalti í Jákupsstovu
Address: Fiskirannsóknarstovan
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: Dr. R. Cook
Address: SOAFD Marine Laboratory
PO Box 101, Victoria Road
Aberdeen AB9 8DB
- 1.5 Submitting officer:**
Name: Hjalti í Jákupsstovu
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PO Box 3051, Nóatún
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Telephone: +298 353900
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FISKIMÁLARÁÐIÐ

06. FEB. 2007.

2. Description of Project

2.1 Nature and objectives of the project:

Monitor the herring and blue whiting migrations in the Faroese area and in the Norwegian Sea during early summer after their spawning in as part of the joint international ICES coordinated PGNAPES survey in the Norwegian Sea. Five parties take part in the survey (FA, IC, EU, NO, RU), coordinated by the "Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys" (PGNAPES) in ICES. The results will be used in the assessment of blue whiting and Norwegian spring spawning herring by the "Northern Pelagic and blue whiting Working Group" (NPBWWG) in august 2007.

2.2 Relevant previous or future research cruises:

2006	03.05-17.05	Magnus Heinason
2005	04.05-18.05	Magnus Heinason
2004	28.04-26.05	Magnus Heinason
2003	30.04-28.05	Magnus Heinason
2002	01.05-29.05	Magnus Heinason

2.3 Previously published research data relating to the project:

Hansen, B. and S.H.í Jákupsstovu 1992. Availability of blue whiting (*Micro-mesistius poutassou*) in Faroese waters in relation to hydrography. ICES Mar. Sci. Symp., 195: 349-360.

Report of the Planning Group on Surveys on Pelagic Fish in the Norwegian Sea 2003. Jacobsen, J.A. *et al.* 2003. *ICES CM 2003/D:10* (Ref. ACFM).

Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES) 2004. Jacobsen, J.A. *et al.* 2004 *ICES CM 2004/D:07* (Ref. ACFM).

ICES 2005. Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES). Jacobsen, J.A. *et al.* 2005. *ICES CM 2005/D:09*

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

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: FRV Magnus Heinason **Nationality:** Faroese
Owner: Føroya Landsstýri (The Local Faroese Government)
Operator: Fiskirannsóknarstovan
Overall length: 44.5 m **Maximum draught:** 4.8 m
Net tonnage: 184.9 **Gross tonnage:** 455
Propulsion: Diesel
Cruising speed: 10 kn **Maximum speed:** 11 kn
Call sign: OW 2252
Registered port and number: TN 407
Method and capability of communication: Radio-telephone
Name of master: Dánial J. Lydersen
Number of crew: 10
Number of scientists on board: 2-3

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
Water	CTD + bottle sample	CTD + Rosette
Plankton	Vertical hauls	Plankton net
Fish	Horizontal hauls	Pelagic trawl

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):

Water, plankton and fish will be sampled along the cruise transects shown in the attached chart within the approximate area 62°00'N-66°00'N and 12°00'W-1°00'E. See attached chart (M. Heinason red line).

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 UK waters sporadically (once or twice) on the cruising legs during the period, depending on the distribution of the targeted stocks (see attached map):

Entry: 02.05.2007

Exit: 16.05.2007

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:

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 United Kingdom

Port Call No

Indicate "Yes" or "No"

Dates N/A

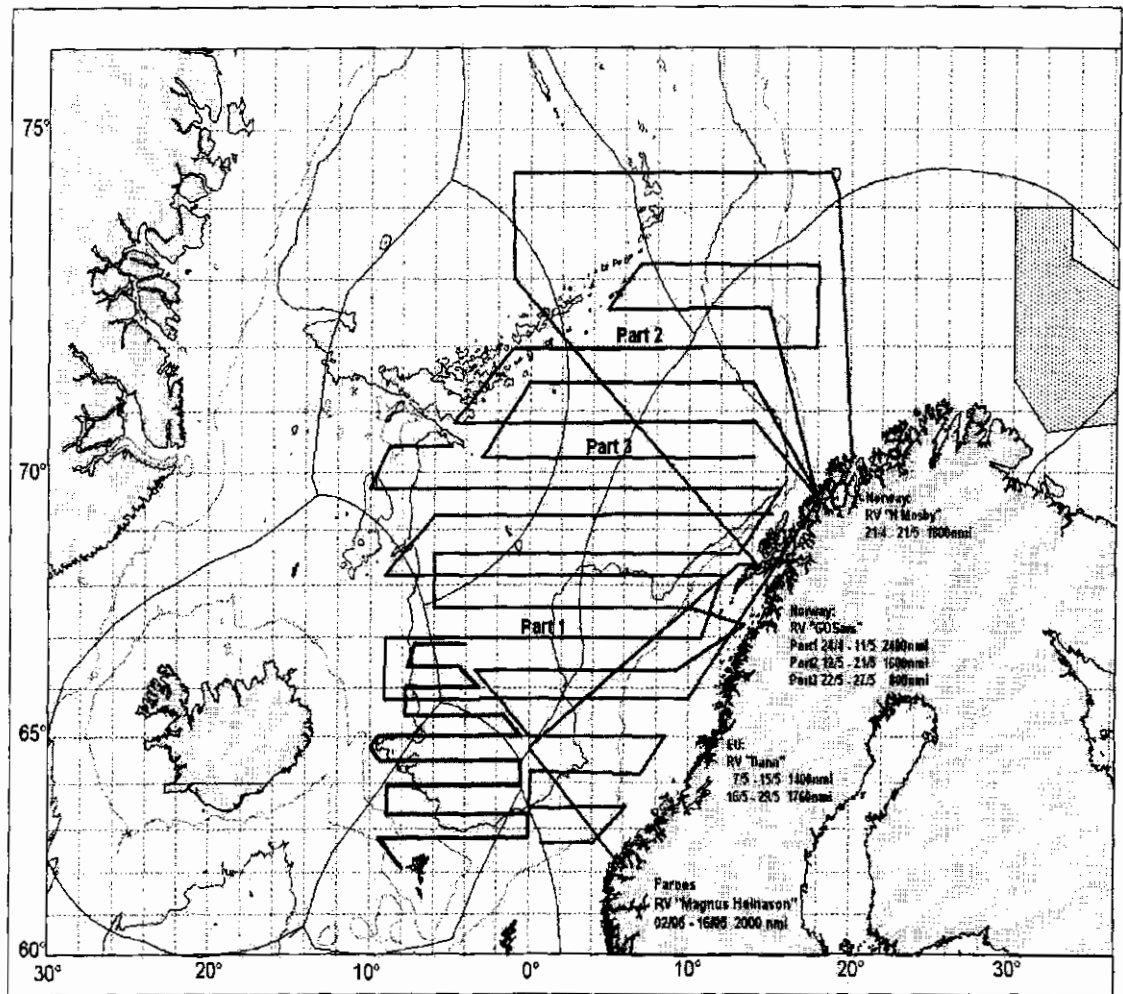
<u>LIST SCIENTIFIC WORK BY FUNCTION</u> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research 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	No	Yes	No	No	Yes	No

Hjalti i Jákupsstoyu

Hjalti i Jákupsstoyu

Dated 5. February 2007

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



Chart, showing the Planned survey area for surveys in the Norwegian Sea and Barents Sea in May 2007. The coordination of the surveys is within the ICES PGNAPES with the participation of five parties in 2007 (EU (DK), NO, FA). Iceland will also participate, but are not shown on this map. The Faroese R/V "Magnus Heintson" will cover the northern part of the Faroese area (red lines on the map).