

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

**Date:** 21.11.2005

*1. General Information*

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 0624
- 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  
**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:

Assess the spawning stock of blue whiting in March/April 2006 as part of the joint international ICES coordinated PGNAPES survey on the spawning grounds west of the British Isles and Porcupine Bank. Four parties and six research vessels (see text table below) take part in the survey, 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 by the "Northern Pelagic and blue whiting Working Group" (NPBWWG) in august 2006.

Ship	Nation
G.O. Sars	Norway
F.Nansen (?)	Russia
Celtic Explorer	Ireland (EU)
Tridens	Netherlands (EU)
Atlantniro	Russia
M. Heinason	Faroes

### 2.2 Relevant previous or future research cruises:

2005	30.03-13.04	Magnus Heinason
2004	28.04-26.05	Magnus Heinason
2003	30.04-28.05	Magnus Heinason
2002	01.05-29.05	Magnus Heinason
2001	02.05-27.05	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 on surveys of the distribution, abundance and migrations of the Norwegian spring-spawning herring, other pelagic fish and the environment of the Norwegian Sea and adjacent waters in late winter, spring and summer of 2001. Holst, *et al.* 2001. *ICES CM 2001/D:07* (Ref. ACFM).

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*

### 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 57°00'N-62°00'N and 03°00'W-13°30'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 UK waters sporadically on the cruising legs during the period, depending on the distribution of the targeted stocks:

Entry: 01.04.2006

Exit: 12.04.2006

**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

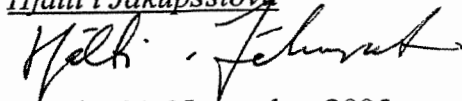
**Port Call** No

*Indicate "Yes" or "No"*

**Dates** N/A

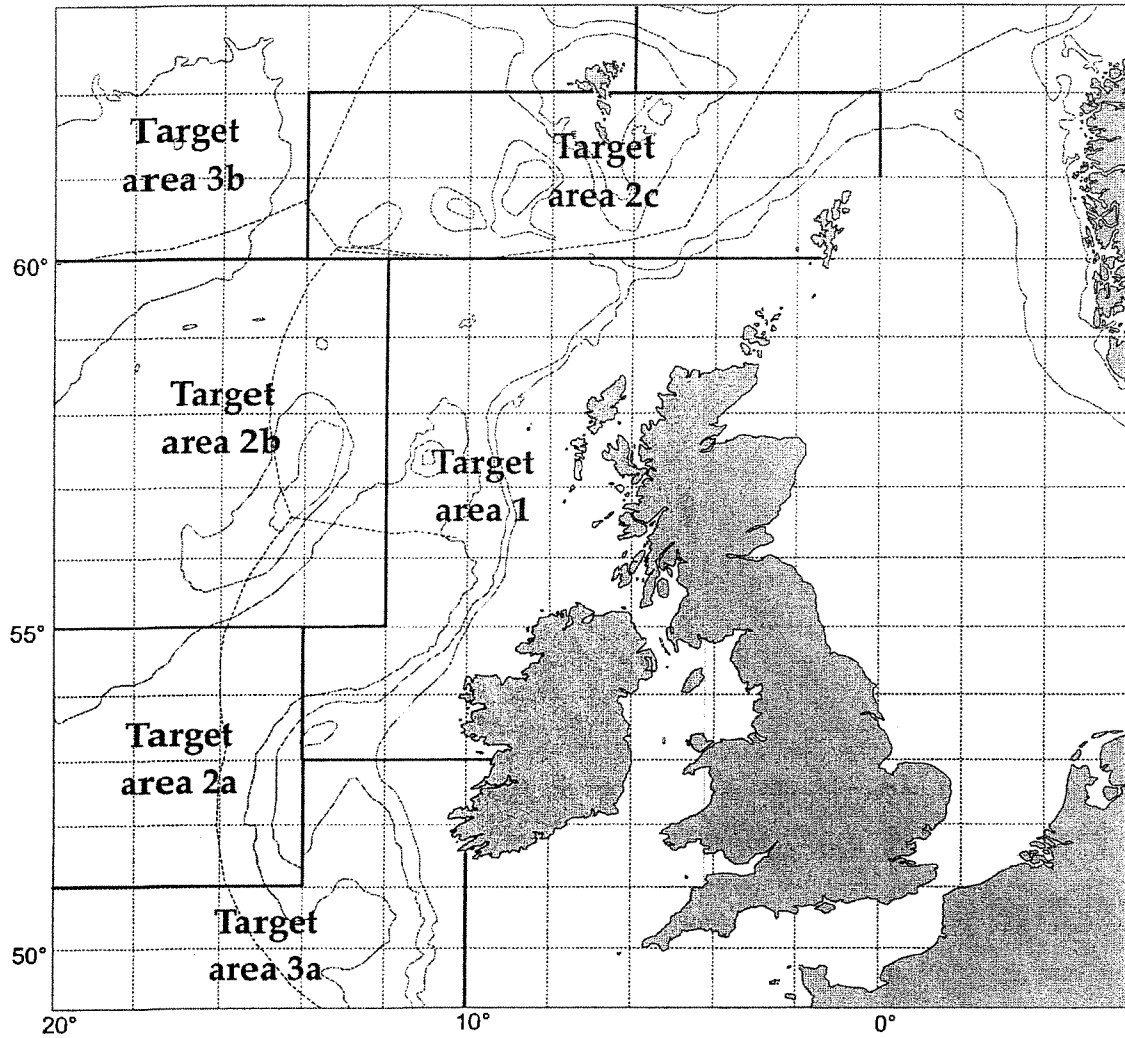
<u>LIST SCIENTIFIC WORK BY FUNCTION</u> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research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



Dated 21. November 2005

**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 survey area for the joint international ICES coordinated blue whiting spawning survey in March-April 2006. The coordination is within the ICES PGNAPES with the participation of four parties (EU, NO, RU, FA). The Faroese area to cover will be "Target area 2c" and northern part of "Target area 1 and 2b" during 29/3-12/4 2006. CTD observations, water samples, plankton and fish samples will be taken along the cruise lines during the survey.