

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

Date: 17.01.2007

1. General Information

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 0724
- 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
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2. Description of Project

2.1 Nature and objectives of the project:

Assess the spawning stock of blue whiting in March/April 2007 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 2007.

Ship	Nation
Libas/Eros	Norway
F.Nansen (?)	Russia
Celtic Explorer	Ireland (EU)
Tridens	Netherlands (EU)
Atlantniro (?)	Russia
M. Heinason	Faroese

2.2 Relevant previous or future research cruises:

2006	29.03-12.04	Magnus Heinason
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

2.3 Previously published research data relating to the project:

Hansen, B. and S.H.í Jákupsstovu 1992. Availability of blue whiting (*Micromesistius 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: Fiskirannsóknaarstovan
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 58°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 (once or twice) on the cruising legs during the period, depending on the distribution of the targeted stocks (see attached map):

Entry: 28/3 - 2007

Exit: 11/4 - 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"

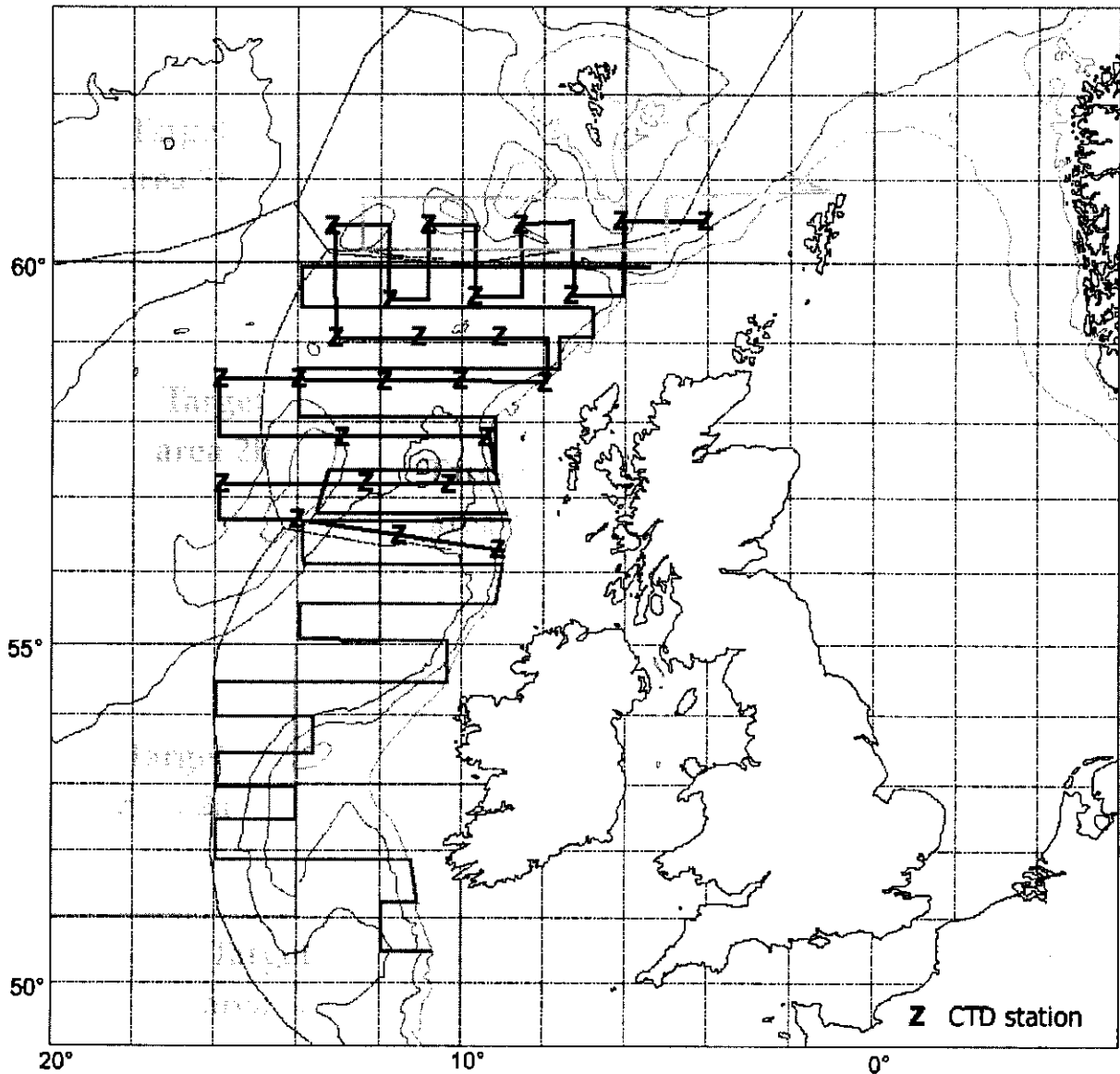
Dates N/A

<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 í Jákupsstovu 

Dated 17. January 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



- Tridens
 - Celtic Explorer
 - Magnus Heinason
 - Libas or Eros
- Z CTD station

Map, showing the planned survey area for the joint international ICES coordinated blue whiting spawning survey in March-April 2007. The coordination is within the ICES PGNAPES with the participation of four parties (EU, NO, RU, FA). The intended cruise tracks for the different participating vessels are indicated on the map, with the Faroese R/V "Magnus Heinason" as the yellow line in the northern area during 28/3 – 11/4 2007. CTD observations, water samples, plankton and fish samples will be taken along the cruise lines during the survey.