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

1. GENERAL INFORMATION

1.1 SHIP AND CRUISE NUMBER

Magnus Heinason Cruise 0332

1.2 SPONSORING INSTITUTION

Name: Fiskirannsoknarstovan
Address: PO Box 3051, Noatun,
FO-110 Torshavn,
Faroe Islands
Name of Director: Stein Hjalti i Jakupsstovu

1.3 SCIENTIST IN CHARGE OF THE PROJECT

Name: Hjalti i Jakupsstovu
Address: Fiskirannsoknarstovan,
PO Box 3051, Noatun,
FO-110 Torshavn,
Faroe Islands.
Tel: +298 315092
Fax: +298 318264

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 i Jakupsstovu
Address: Fiskirannsoknarstovan,
PO Box 3051, Noatun,
FO-110 Torshavn,
Faroe Islands.
Tel: +298 315092
Fax: +298 318264

2. DESCRIPTION OF PROJECT

2.1 NATURE AND OBJECTIVES OF THE PROJECT

Monitor the northern migration of blue whiting from the spawning grounds to their feeding areas in the Norwegian Sea, as well as hydrography and plankton in the waters surrounding the Faroe Islands.

2.2 RELEVANT PREVIOUS OR FUTURE RESEARCH CRUISES

02 to 27 May 2001 Magnus Heinason
01 to 29 May 2002 Magnus Heinason

2.3 PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROJECT

Hansen, B. and S.H.i Jakupsstovu 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 1999. Holst et al. 1999. ICES CM 1999/D:03 (Ref. ACFM).

Report of the Planning Group on Surveys on Pelagic Fish in the Norwegian Sea. Holst et al. 2000. ICES CM 2000/D:03 (Ref. ACFM).

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 2002. Jacobsen, J.A. et al. 2002. ICES CM 2002/D:06 (Ref. ACFM).

3. METHODS AND MEANS TO BE USED

3.1 PARTICULARS OF VESSEL

Name: FRV Magnus Heinason
Nationality: Faroese
Owner: Foroya Landssty ri (The Local Faroese Government)
Operator: Fiskirannsoknarstovan
Overall length: 44.5m
Maximum draught: 4.8 m
Nett 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: Danial J. Lydersen
Number of crew: 10
Number of scientists on board: 4

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 60deg 00'N to 63deg 00'N and 09deg 20'W to 03deg 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 for about one day in the period:

Entry: 30/04/2003
Exit: 12/05/2003

6.2 Indicate if multiple entry is expected

No

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

Torshavn, 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 at ICES Working Groups

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: United Kingdom
PORT CALL: No
DATES: N/A

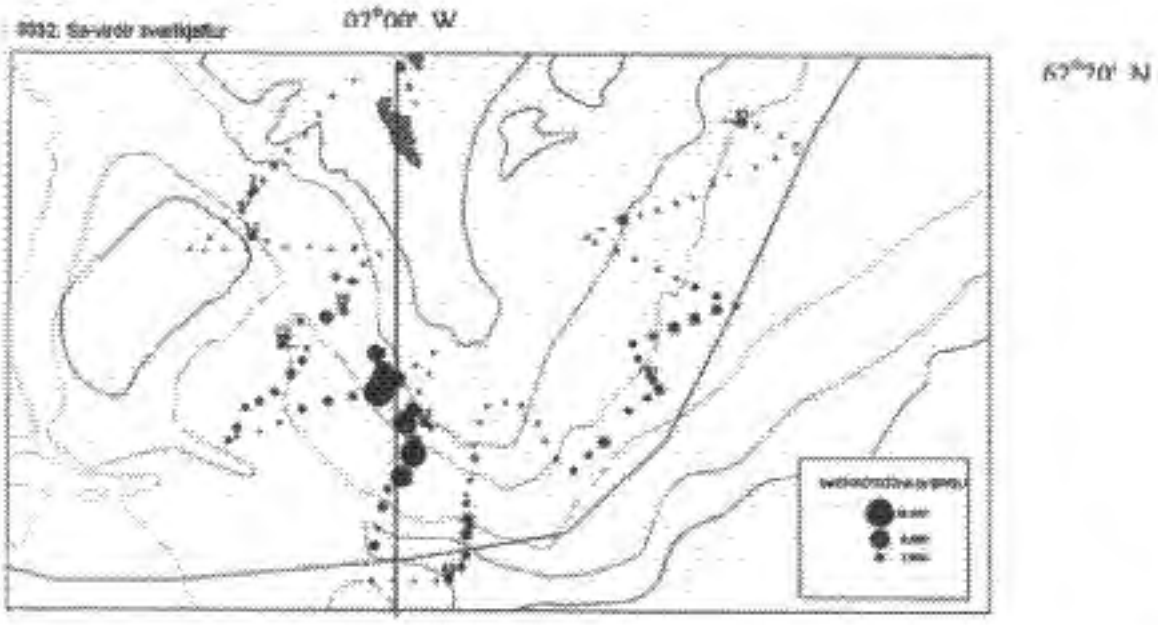
10. *COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR <u>EACH</u> COASTAL STATE (indicate "Yes" or "No")*

				DISTANCE FROM COAST		
LIST SCIENTIFIC WORK BY FUNCTION e.g. MAGNETOMETRY GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING U/W TV MOORED INSTRUMENTS TOWED INSTRUMENTS	*WATER COLUMN INCLUDING SEDIMENT SAMPLING OF THE SEABED*	*FISHERIES RESEARCH WITHIN FISHING LIMITS*	*RESEARCH CONCERNING THE NATURAL RESOURCES OF THE CONTINENTAL SHELF OR ITS PHYSICAL CHARACTER-ISTICS*	*DISTANCE FROM COAST WITHIN 12 NM*	*DISTANCE FROM COAST BETWEEN 12 AND 200 NM*	*(Continental Shelf work only)* *Beyond 200 NM but within the Continental Margin*
Water sampling	Yes	No	No	No	Yes	No
Plankton sampling	Yes	No	No	No	Yes	No
Pelagic trawling	No	Yes	No	No	Yes	No

(On behalf of the Principal Scientist)

Dated 14th January 2003

N.B. 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 cruise transects where CTD observations, water, plankton and fish samples will be taken on this cruise. This chart is from a similar survey in May 2000, showing acoustic readings of blue whiting. The same tracks are followed every year.