

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

1. GENERAL INFORMATION

1.1 *SHIP AND CRUISE NUMBER:* Magnus Heinason Cruise 0308

1.2 *SPONSORING INSTITUTION:*

Name: Fiskirannsoknarstovan

Address: PO Box 3051,
Noatun,
FR-110 Torshavn,
Faroe Islands.

Name of Director: Stein Hjalti i Jakupsstovu

1.3 *SCIENTIST IN CHARGE OF THE PROJECT:*

Name: Dr. Bogi Hansen

Address: Fiskirannsoknarstovan,
PO Box 3051, Noatun,
FO-110 Torshavn,
Faroe Islands.

Telephone: +298 315092

Telefax: +298 318264

1.4 *SCIENTIST FROM UNITED KINGDOM WITH KNOWLEDGE OF THE PROJECT:*

Name: Dr. W. Turrell,

Address: SOAFD Marine Laboratory,
PO Box 101,
Victoria Road,
Aberdeen,
AB9 8DB

1.5 *SUBMITTING OFFICER:*

Name: Dr. Bogi Hansen

Address: Fiskirannsoknarstovan,
PO Box 3051,
Noatun,
FO-110 Torshavn,
Faroe Islands.

Telephone: +298 315092

Telefax: +298 318264

2. DESCRIPTION OF PROJECT

2.1 NATURE AND OBJECTIVES OF THE PROJECT:

Monitor long-term changes of hydrography and plankton in the waters surrounding the Faroe Islands. CTD sections in the Faroe-Shetland Channel are in collaboration with the Marine Laboratory in Aberdeen.

2.2 RELEVANT PREVIOUS OR FUTURE RESEARCH CRUISES:

2002	21/02 - 07/03	Magnus Heinason
2002	12-19/06	Magnus Heinason
2002	03-10/07	Magnus Heinason
2002	04-11/109	Magnus Heinason
2002	30/10 - 06/11	Magnus Heinason

2.3 PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROJECT:

Hanson, B. and S.H.i Jakupsstovu 1992. Availability of blue whiting (*Micromesistius poutassou*) in Faroese waters in relation to hydrography. ICES mar. Sci. Symp., 195: 349-360.

Turrell, W.R., Hansen, B. et al. 1999. Direct observations of inflow to the Nordic Seas through the Faroe Shetland Channel 1994-1997. ICES CM 1999/L:01, 15 pp.

3. METHODS AND MEANS TO BE USED

3.1 PARTICULARS OF VESSEL:

<i>Name:</i>	FRV Magnus Heinason
<i>Nationality:</i>	Faroese
<i>Owner:</i>	Foroya Landsstyri (The Local Faroese Government)
<i>Overall Length:</i>	44.5 m
<i>Maximum draught:</i>	4.8 m
<i>Net tonnage:</i>	184.9
<i>Gross tonnage:</i>	455
<i>Propulsion:</i>	Diesel
<i>Cruising speed:</i>	10 knots
<i>Maximum speed:</i>	11 knots
<i>Call sign:</i>	OW 2252
<i>Method/capability of communication:</i>	Radio-telephone
<i>Name of master:</i>	Danial J. Lydersen
<i>Number of crew:</i>	10
<i>Number of scientists on board:</i>	2

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: Water; Plankton
Methods to be used: CTD + bottle sample; vertical hauls
Instruments to be used: CTD + Rosette; Plankton net

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 and plankton will be sampled along the four standard sections shown in the attached chart within the area 60deg 10'N - 64deg 30'N and 09deg 20'W - 03deg 42'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 FINAL DEPARTURE FROM RESEARCH AREA OF THE RESEARCH VESSEL:*

The ship is expected to be in UK waters for about one day in the period:
Entry: 12/02/2003
Exit: 05/03/2003

6.2 *INDICATE IF MULTIPLE ENTRY IS EXPECTED:*

No

7. PORT CALLS

7.1 DATES AND NAMES OF INTENDED PORTS OF CALL IN UNITED KINGDOM:

No intended port call

7.2 ANY SPECIAL LOGISTICAL REQUIREMENTS AT PORTS OF CALL:

N/A

7.3 NAMES/ADDRESS/TELEPHONE OF SHIPPING AGENT (IF AVAILABLE):

N/A

8. PARTICIPATION

8.1 EXTENT TO WHICH UNITED KINGDOM WILL BE ENABLED TO PARTICIPATE OR TO BE REPRESENTED IN RESEARCH PROJECT:

The Marine Laboratory in Aberdeen (Dr. W. Turrell) is participating in the project. Additional 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 UNITED KINGDOM 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 UNITED KINGDOM TO DATA AND SAMPLES:

By cruise report.

9.3 PROPOSED MEANS TO PROVIDE UNITED KINGDOM 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.

CO SUMMARY FORM

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

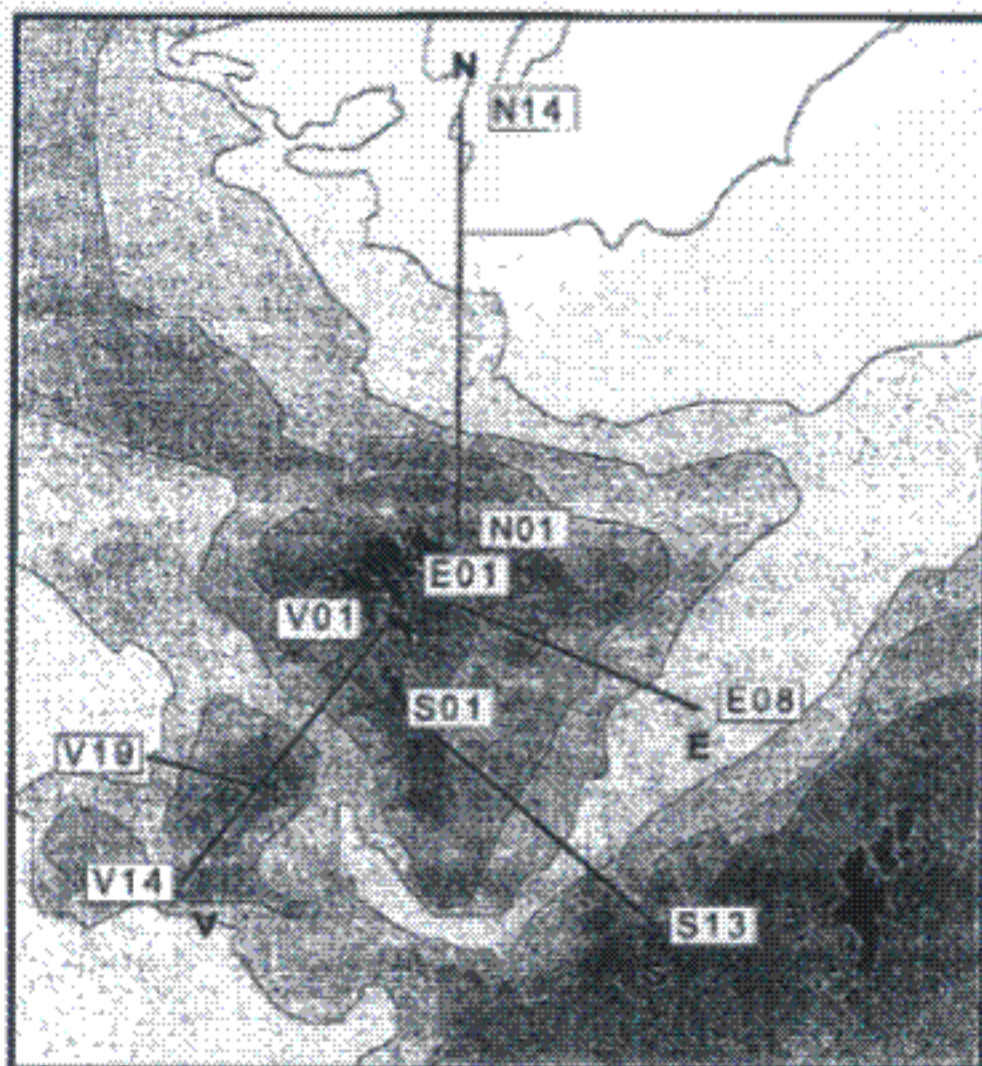
COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE
 (indicate "Yes" or "No")

				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 CONTINENTAL MARGIN
Water sampling	Yes	No	No	No	Yes	No
Plankton sampling	Yes	No	No	No	Yes	No

(On behalf of the Principal Scientist)

Dated: 08 November 2002

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 standard sections (thick lines) along which CTD observations, water and plankton samples will be taken on this cruise. Start and end stations on each section are indicated.