

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

1. GENERAL INFORMATION

1.1 *CRUISE NAME AND/OR NUMBER:* Mangus Heinason Cruise 0588

1.2 *SPONSORING INSTITUTION:*

Name: Fiskirannsóknaarstovan

Address: P.O Box 3051, Nóatum, FO-110 Tórshavn
Faroe Islands

Telephone:

Telefax:

Name of Director: Stein Hjalti í Jákupsstovu

1.3 *SCIENTIST IN CHARGE OF THE PROJECT:*

Name: Dr Bogi Hansen

Address: Fiskirannsóknaarstovan
P.O. Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands

Telephone: +298 353900

Name of Director:

Email:

1.4 *SCIENTIST FROM IRELAND WITH KNOWLEDGE OF THE PROJECT:*

Name: Dr W. Turrell

Address: SOAFD Marine Laboratory
P.O. Box 101, Victoria Road
Aberdeen AB9 8DB

Telephone:

Telefax:

1.5 *SUBMITTING OFFICER:*

Name: Dr. Bogi Hansen

Address: Fiskirannsóknaarstovan
P.O. 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:

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:

2004	18.02-25.02	Magnus Heinason
2004	09.06-16.06	Magnus Heinason
2004	30.06-07.07	Magnus Heinason
2004	01.09-08.09	Magnus Heinason
2004	10.11-17.11	Magnus Heinason

2.3 PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROJECT:

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.

Turrell W.R., Hansen B., Hughes S. and Østerhus S. 2003. Hydrographic variability during the decade of the 1990s in the Northeast Atlantic and Southern Norwegian Sea. ICES mar. Sci. Symp., 219: 111-120.

3. METHODS AND MEANS TO BE USED

3.1 PARTICULARS OF VESSEL:

Name: FRV Magnus Heinason

Nationality: Faroese

Owner: Føroya Landsstýri

Operator: Fiskirannsóknarstovan

Overall Length: 44.5m

Maximum draught: 4.8m

Gross tonnage: 455

Propulsion: Diesel

Maximum speed: 11kn

Call sign: OW 2252

Method/capability of communication (including telex, frequencies): Radio-telephone

Name of master: Dánial J. Lydersen

Number of crew: 10

Number of scientists on board: 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 60°10'N – 64°30'N
09°20'W – 03°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: 09.11.2005

Exit: 16.11.2005

6.2 *INDICATE IF MULTIPLE ENTRY IS EXPECTED:*

No

7. **PORT CALLS**

7.1 *DATES AND NAMES OF INTENDED PORTS OF CALL IN IRELAND:*

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 IRELAND WILL BE ENABLED (NAME OF COASTAL STATE) 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 abroad.

8.2 *PROPOSED DATES AND PORTS FOR EMBARKATION/DISEMBARKATION:*

Tórshavn, Faroe Islands at beginning and end of the cruise.

9. **ACCESS TO DATA, SAMPLES AND RESEARCH RESULTS:**

9.1 *EXPECTED DATES OF SUBMISSION TO IRELAND OF PRELIMINARY REPORTS WHICH SHOULD INCLUDE THE EXPECTED DATES OF SUBMISSION OF THE FINAL RESULTS:*

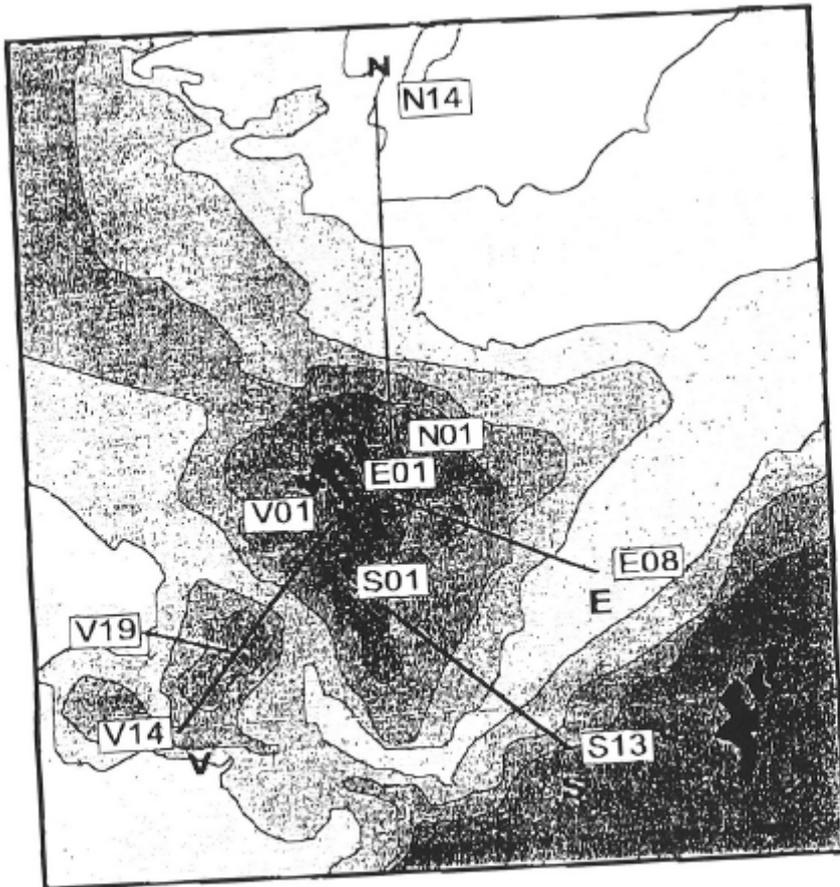
Six months from conclusion of cruise

9.2 *PROPOSED MEANS FOR ACCESS BY IRELAND TO DATA AND SAMPLES:*

By cruise report

9.3 *PROPOSED MEANS OF MAKING RESEARCH RESULTS INTERNATIONALLY AVAILABLE:*

In published journals and at ICES Working groups.



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.