

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

**1. GENERAL INFORMATION**

**1.1 CRUISE NAME AND/OR NUMBER**

Magnus Heinason Cruise 0348

**1.2 SPONSORING INSTITUTION**

Name: Fiskirannsoknarstovan

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

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

Phone: +298 315092

Fax: +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: Fiskirannsolkuarstovan, PO Box 3051, Noatun, FO-110 Torshavn, Faroe Islands

Phone: +298 315092

Fax: +298 318264

## **2. DESCRIPTION OF THE 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 February to 07 March	Magnus Heinason
2002	12 to 19 June	Magnus Heinason
2002	03 to 10 July	Magnus Heinason
2002	04 to 11 September	Magnus Heinason
2002	30 October to 06 November	Magnus Heinason

### **2.3 PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROJECT**

Hansen, 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**

Name:	FRV Magnus Heinason
Nationality:	Faroese
Owner:	Foroya Landsstyri (The Local Faroese Government)
Operator:	Fiskirannsoknarstovan
Overall length:	44.5m
Maximum draught:	4.8m
Net tonnage:	184.9
Gross tonnage:	455
Propulsion:	Diesel
Cruising speed:	10 knots
Maximum speed:	11 knots
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 of board:	2

### **3.2 AIRCRAFT OR OTHER CRAFT TO BE USED IN THE PROJECT**

N/A

### 3.3 PARTICULARS OF METHODS AND SCIENTIFIC INSTRUMENTS

<b>Types of Samples and data</b>	<b>Methods to be used</b>	<b>Instruments to be used</b>
Water	CTD + bottle sample	CTD + Rosette
Plankton	Vertical hauls	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

### 4.1 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 to 64deg 30'N; 09deg 20'W to 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 INDENTED 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: 02 July 2003

Exit: 09 July 2003

### **6.2 INDICATE IF MULTIPLE ENTRY IS EXPECTED**

No

## **7. PORTS 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 NAME/ADDRESS/TELEPHONE OF SHIPPING AGENT (IF AVAILABLE)**

N/A

## **8. PARTICIPATION**

### **8.1 EXTENT OF WHICH UNITED KINGDOM WILL BE ENABLED TO PARTICIPATE OR TO BE REPRESENTED IN THE REASEARCH 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 OR 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 INTERNATIONALLY AVAILABLE**

In published journals and at ICES Working Groups.

## 10. SCIENTIFIC EQUIPMENT

Coastal State: United Kingdom

Port Call: No

Dates: N/A

LIST SCIENTIFIC WORK BY FUNCTION  e.g. magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, 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		
				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	No	No	No	Yes	No
Plankton sampling	Yes	No	No	No	Yes	No

*(On behalf of the Principal Scientist)*

*Dated 16 April 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.**