



British Embassy
Oslo

Political Section
Thomas Heftyesgate 8
British Embassy
0244 Oslo
Tel: +4723132710
Fax: +4723132769
www.fco.gov.uk

Fax

To Eilif Sund
Organisation Director, Ministry of Fisheries
Fax number 55238090 / 5523868
From Barry Murray
Date 28 April 2010
Subject British Embassy FRV Scotia Research Cruise Clearance

Dear Kay,

Please see attached research cruise application for the FRV Scotia (NV16/10). Details of the cruise are attached, the Embassy would be grateful for clearance. Takk.

Barry

Note Verbale 16/10

Her Britannic Majesty's Embassy present their compliments to the Directorate of Fisheries and have the honour to request clearance for the British Registered Vessel FRV Scotia to enter Norwegian territorial waters in order to conduct a research cruise during the period 29 November – 14 December 2010. The vessel will not be making a port call, full details of the cruise are attached.

The British Embassy avails itself of the opportunity to renew to the Directorate of Fisheries the assurance of their highest consideration.

British Embassy

Oslo

28 April 2010-04-28

**APPLICATION FOR CONSENT TO CONDUCT MARINE
SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL**

JURISDICTION OF Norway

(name of coastal State)

Date: 12/04/10

1. General Information

- 1.1 Ship and cruise number:** Scotia Cruise 1410S
- 1.2 Sponsoring institution:**
- Name:** Marine Scotland Science, Marine Laboratory
- Address:** PO Box 101, Victoria Road, Aberdeen, AB11 9DB
- Name of director:** Dr Robin Cook
- 1.3 Scientist in charge of the project:**
- Name:** J Dunn
- Address:** Marine Scotland Science, Marine Laboratory
PO Box 101, Victoria Road
Aberdeen, AB11 9DB
- Telephone:** 01224 876544
- Telefax:** 01224 295511
- 1.4 Scientist(s) from Norway with knowledge of the project:**
(name of coastal State)
- Name:** _____
- Address:** _____

- 1.5 Submitting officer:**
- Name and address:** I Gibb, Marine Laboratory, Aberdeen
- Country:** United Kingdom
- Telephone:** 01224 876544 or 295438 (direct dial)
- Telefax:** 01224 295511

2. Description of Project
(Attach additional pages as necessary)

2.1 Nature and objectives of the project:

Plankton and water sampling, to conduct plankton and hydro graphic sampling with A.R.I.E.S. and OCEAN sampler at stations in Northern North Sea and eastern Atlantic area

2.2 Relevant previous or future research cruises:

Scotia Dec 1999, Dec 2000, Dec 2001, Dec 2002.

2.3 Previously published research data relating to the project:

Climate fluctuations and the spring invasion of the North Sea by *Calanus finmarchicus*
Fish. Oceanogr.(Suppl.1)163-176,1999

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: FRV Scotia **Nationality:** UK
Owner: The Scottish Ministers
Operator: Marr Vessel Management Limited
Overall length: 68.8 m **Maximum draught:** 6.0 m
Net tonnage: 785 **Gross tonnage:** 2619
Propulsion: Diesel Electric
Cruising speed: 13.0 kts **Maximum speed:** 15.0
Call sign: MXHR 6

Method and capability of communication (including telex, frequencies):

Masters name: A Sommerton
Number of crew: 17
Number of scientists on board: 12

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
Plankton	Nets	A.R.I.E.S. ,Dual Methot net
		OCEAN sampler
Water	Multi depth sampling	Seabird C.T.D.

3.4 Indicate whether harmful substances will be used: None

3.5 Indicate whether drilling will be carried out: None

3.6 Indicate whether explosives will be used: None

4. Installations and Equipment

Details of installations and equipment (dates of laying, servicing, recovery; exact locations and depth):

N/A

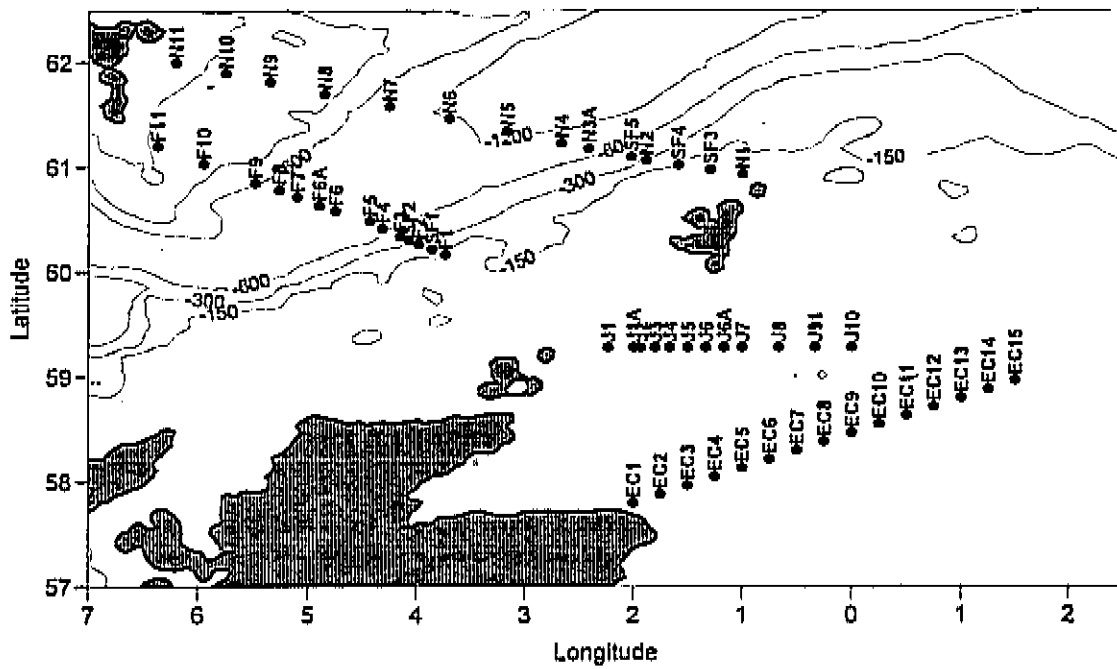
5. Geographical Areas

5.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude):

55° 00'N ---- 63° 00' N

14° 00'W — 02° 00'E

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.



6. Dates

6.1 Expected dates of first entry into and final departure from the research area of the research vessel:

29/11/10 - 14/12/10

6.2 Indicate if multiple entry is expected:

No

7. Port Calls

7.1 Dates and names of intended ports of call in

Norway

(name of coastal State)

Nil

7.2 Any special logistical requirements at ports of call:

Nil

7.3 Name/address/telephone of shipping agent (if available):

Nil

8. Participation

8.1 Extent to which Norway **will be enabled to participate or to**
(name of coastal State)

Be represented in the research project:

Observer welcome
onboard

8.2 Proposed dates and ports for embarkation/disembarkation:

Aberdeen: 29/11/10 and 14/12/10 by arrangement with Marine Laboratory

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to Norway of preliminary reports
(name of coastal State)

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 Norway to data and samples:
(name of coastal State)

By cruise report

9.3 Proposed means to provide Noway with assessment of data,
(name of coastal State)

samples and research results or provide assistance in their assessment or interpretation:

All data submitted to I.C.E.S.

9.4 Proposed means of making research results internationally available:

In published journals and in ICES working groups

10. Scientific Equipment

Coastal State: Norway

Port Call: NO

Indicate "Yes" or "No"

Dates: N/A

LIST SCIENTIFIC WORK BY FUNCTION 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 nm	Between 12-200 nm	(Continental Shelf work only) Beyond 200 nm but within the Continental margin
Water sampling	Yes	No	No			Yes
Towed Instruments	Yes	No	No			Yes

I Gibb

(On behalf of the Principal Scientist)

Dated: 12 April 2010.

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