

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

JURISDICTION OF Norway

(name of coastal State)

Date: 02 August 2010

1. General Information

- 1.1 Ship and cruise number:** Scotia Cruise 0211S
- 1.2 Sponsoring institution:**
- Name:** Marine Scotland – Science,
- Address:** Scottish Government-Marine Laboratory
PO Box 101, Victoria Road, Aberdeen, AB11 9DB
- Name of director:** Dr R M Cook
- 1.3 Scientist in charge of the project:**
- Name:** Kenneth Coull
- Address:** Marine Scotland – Science,
Scottish Government-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:** Odd Smedstad & Irene Huse
- Address:** Institute of Marine Research, Bergen
PO Box 2906
5011 Bergen, Nordes
- 1.5 Submitting officer:**
- Name and address:** Mr Iain Gibb
Marine Scotland - Science, Aberdeen
- Country:** United Kingdom
- Telephone:** 01224 876544 or 295438 (direct dial)
- Telefax:** 01224 295511 (FAX)

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

2.1 Nature and objectives of the project:

International Bottom Trawl Survey

2.2 Relevant previous or future research cruises:

Continuation of a long series of surveys coordinated by ICES

2.3 Previously published research data relating to the project:

Summary results published on IBTS Annual Reports (available on ICES website).
Data available on the DATRAS website maintained by ICES.

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: FRV *Scotia* **Nationality:** UK

Owner: The Scottish Ministers

Operator: Marine Scotland - Compliance

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 Somerton

Number of crew: 17

Number of scientists on board: 7

3.2 Aircraft or other craft to be used in the project: NO

3.3 Particulars of methods and scientific instruments:

Types of samples and data	Methods to be used	Instruments to be used
Water	Sample	CTD and reverser bottle
PLANKTON	Oblique plankton tow	Methot Net
FISH	30 minute trawl tow	GOV 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):

N/A

5. Geographical Areas

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

Between 56 degrees north to 61 degree 30 minutes North and between 4 degrees West and 5 degrees East.

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:

Survey dates from 26th January 2011 – 17th February 2011

Unknown at this stage but notification will be made to Norwegian Authorities prior to entry.

6.2 Indicate if multiple entry is expected:

Yes

7. Port Calls

7.1 Dates and names of intended ports of call in

Norway
.....
(name of coastal State)

7.2 Any special logistical requirements at ports of call:

NO

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

N/A

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:

Already participating
through ICES

8.2 Proposed dates and ports for embarkation/disembarkation:

26/

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:

Within 3 months of cruise end.

9.2 Proposed means for access by Norway to data and samples:
(name of coastal State)

By cruise report. Data to be uploaded to DATRAS within 1 month.

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

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

Through IBTS working group and DATRAS or direct with cruise leader.

9.4 Proposed means of making research results internationally available:

Through IBTS and ICES.

10. Scientific Equipment

Coastal State: Norway

Port Call: N/A

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
Trawling	Yes	Yes	No	No	No	Yes
Water Sampling	Yes –CTD	Yes	No	No	No	Yes
Towed Instrument	Yes – plankton net	Yes	No	No	No	yes

I Gibb

(On behalf of the Principal Scientist)

Dated: 02/08/10

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

Scotia IBTS - Quarter 1 Survey - Stations

