



### British Embassy - Oslo

Fax Cover Sheet

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E-mail: barry.murray2@fco.gov.uk

To....: Eiliff Sund

At.....: Director Fisheries, Norway

Fax Number.....: 55238090 / 55238368

From....: Barry Murray

Date.....: 02 December 2008

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Message:

Dear Eiliff,

Vi Snakket. Please clear this cruise as soon as possible for the RFV Scotia 26 Jan – 17 Feb 09, see attached details. Jeg beklager, tusen takk!

Signed:

#### Note Verbale 58/08

Her Britannic Majesty' Embassy present their compliments to the Directorate of Fisheries and have the honour to requiest clearance for the British Registered Vessel RFV Scotia to enter Norwegian waters in order to conduct a research cruise during the period 26 January – 17 February 2009. The vessel will not be making a port call. Full details of the cruise are attached.

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

British Embassy

Oslo

2 December 2008

Telephone:

Telefax:

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

JURISDICTION OF Norway

			Date:	7 July 2008
	1.	General Information		
1.1	Ship and cruise number:	Scotia Cruise 0209s		
1.2	Sponsoring institution:	***************************************		***************************************
	Name:	FRS Marine Laboratory		
	Address:	PO Box 101, Victoria Ro	pad, Abe	erdeen, AB11 9DB
	Name of director:	Dr R M Cook		
1.3	Scientist in charge of the pro	ject:		
	Name:	Kenneth Coull		
	Address:	FRS Marine Laboratory		
		PO Box 101, Victoria Ro	pad	
		Aberdeen, AB11 9DB	***************************************	
	Telephone:	01224 876544		
	Telefax:	01224 295511		117
1.4	Scientist(s) from Name:	Norway with kr		ge of the project:
	Address:	Institute of Marine Rese		
		PO Box 2906		
		5011 Bergen, Norway		
1.5	Submitting officer: Name and address:	Captain J Hepburn, Mar	ine Labo	oratory, Aberdeen
	Country:	United Kingdom		

01224 295511

01224 876544 or 295438 (direct dial)

## 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	
	Оwлег:	Т	he Scottish M	linisters	***************************************	
	Operator:	Marr Vessel Management Limited				
	Overall length:	68.8 m Maximu		n draught:	6.0 m	
	Net tonnage:	785	Gross to	nnage:	2619	
	Propulsion:	Diesel Electric				
	Cruising speed:	13.0 kts	Maximum speed:		15.0	
	Call sign:	MXHR 6				
	Method and capability o	f communication	n (including t	elex, frequenc	ies):	
Masters name: R Jowett						
	Number of crew:17					
	Number of scientists on board: 7					
3.2 Aircraft or other craft to be used in the project:						
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 plankto	n tow	Methot Net		
	Fish	30 minute trawl tow		GOV Trawl		
3.4	Indicate whether harmfu	harmful substances will be used: No				
3.5	Indicate whether drilling	will be carried o	out:	No		
3.6	Indicate whether explos	her explosives will be used:				

#### 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 004 degrees West and 005 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 26 January 2009 – 17 February 2009 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	Pο	rt	Ca.	lls

7.1	Dates and names of inter	nded ports of c	all in	Norway
7.2	Any special logistical req No	uirements at p	orts of call:	
7.3	Name/address/telephone N/A	of shipping ag	gent (if available):	
		8. Partic	pation	
8.1	Extent to which	Norway	will be enabled to p	articipate or to
	be represented in the res	earch project:		
	Aiready participating through ICES			
8.2	Proposed dates and port	s for embarkat	ion/disembarkation:	
	N/A			

## 9. Access to Data, Samples and Research Results

9.1	Expected dates of submission to	Norway	of preliminary reports
	which should include the expected Within 3 months of cruise end.	dates of submis	sion of the final results:
9.2	Proposed means for access by	Norway	to data and samples:
	By cruise report. Data to be uploaded to DATRAS within 1 month.		
9.3	Proposed means to provide	Norway	with assessment of data,
	samples and research results or interpretation:	provide assista	ance in their assessment or
	Through IBTS working group and D	ATRAS or direct	with cruise leader.
9.4	Proposed means of making research Through IBTS and ICES.	:h results interna	tionally available:

## 10. Scientific Equipment

Coastal State:	Norway	
Port Call:	No	Indicate "Yes" or "No"
Dates:	N/A	

LIST SCIENTIFIC WORK BY FUNCTION			- <del></del>	Ģ	ISTANCE FRO	DM COAST
eg: magnetometry, gravity, diving, seismics, bathymatry, sea bed sampling, trawling, ocho 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 Shalf or its physical characteristics	Within 12 nm	Betwaen 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

J W Hepburn
(On behalf of the Principal Scientist)

Dated:	7/7/08
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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

