

Application for Consent to conduct  
Marine Scientific Research for 0220S, Norway

Date: 04 July 2019

1. General Information

1.1 Cruise name and/or number:
Scotia 0220S

1.2 Sponsoring Institution(s):	
Name: Marine Scotland – Science	Marine Scotland – Science
Address:	Scottish Government-Marine Laboratory, 375 Victoria Road, Aberdeen AB11 9DB
Name of Director:	Mr T. McDonnell

1.3 Scientist in charge of the Project:	
Name:	J. Drewery
Country:	Scotland
Affiliation:	Marine Scotland – Science
Address:	Scottish Government-Marine Laboratory, 375 Victoria Road, Aberdeen AB11 9DB
Telephone:	+44 (0)1312443344
Fax:	+44 (0)1224-295511
Email:	<a href="mailto:Jim.Drewery@gov.scot">Jim.Drewery@gov.scot</a>
Website (for CV and photo):	<a href="http://www.scotland.gov.uk/topics/marine/science">http://www.scotland.gov.uk/topics/marine/science</a>

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	Irene Huse
Affiliation:	Institute of Marine Research
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2. Description of Project

2.1 Nature and objectives of the project:
2020 Q1 International Bottom Trawl Survey (WGIBTS)

2.2 If designated as part of a larger scale project, then provide the name of the project and the Organisation responsible for coordinating the project:
International Bottom Trawl Survey (WGIBTS)

ICES

2.3 Relevant previous or future research projects:

Continuation of a long series of surveys coordinated by ICES

2.4 Previous publications 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. Geographical Areas

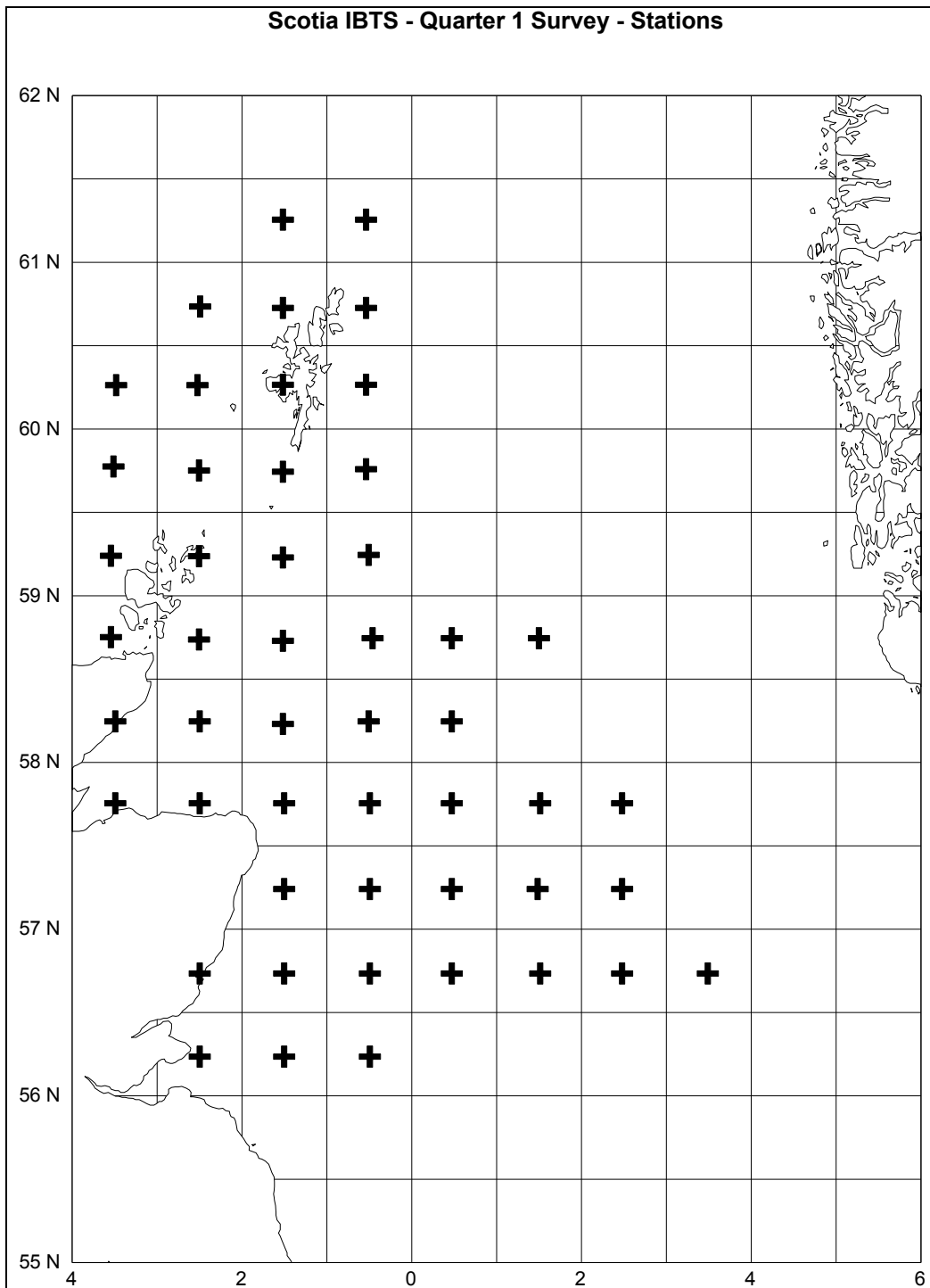
3.1 Indicate geographical areas in which the project is to be conducted (with reference in Latitude and longitude in decimal degrees, including coordinates of cruise/track/way points/sampling stations). Please provide coordinates in a separate excel spreadsheet.

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

3.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical

Areas of the intended work and, as far as practicable, the location and depth of sampling

Stations, the tracks of survey lines, and the locations of installations and equipment.



4. Methods and means to be used

4.1 Particulars of vessel:	
Name:	MRV <i>Scotia</i>
Type/Class:	Type: Fishery Research Vessel Class: Lloyds+ 100A1 Ice Class 1D +LMC +UMS +SCM
Nationality (Flag State):	United Kingdom
Identification Number (IMO/Lloyds No.):	9144249
Owner:	The Scottish Ministers

Operator:	Marine Scotland Compliance (Scottish Government)
Overall length (meters):	68.8 m
Maximum draught:	6.0 m
Displacement/Gross Tonnage:	2619
Propulsion:	Diesel Electric
Cruising & maximum speed:	13.0 kts/15.0
Call sign:	MXHR 6
INMARSAT number and method and capability of communication (including emergency frequencies):	00870764596084 CH16
Name of Master:	Captain D. Scarff
Number of Crew:	18
Number of Scientists on board:	7

4.2 Particulars of Aircraft:	N/A
Name:	
Make/Model:	
Nationality (flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall Length (meters):	
Propulsion:	
Cruising & Maximum speed:	
Registration No.:	
Call Sign:	
Method and capability of communication (including emergency frequencies):	
Name of Pilot:	
Number of crew:	
Number of scientists on board:	
Details of sensor packages:	
Other relevant information:	

4.3 Particulars of Autonomous Underwater Vehicle (AUV):	N/A
Name:	
Manufacturer and make/model:	
Nationality (Flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall length (meters):	
Displacement/Gross tonnage:	
Cruising & Maximum speed:	
Range/Endurance:	
Method and capability of communication (including emergency frequencies):	
Details of sensor packages:	
Other relevant information:	

4.4 other craft in the project, including its use: n/a

4.5 Particulars of methods, full description of scientific instruments to be used (for fishing gear specify type and dimension) and location
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Types of samples and Measurements:	Methods to be used:	Instruments to be used:	To be carried out within 12nm (yes or no):
Water temperature, depth and salinity	Water sampling	Seabird CTD and reverser bottle	No
Plankton	Oblique plankton tow	Methot Net	No
Fish	30 minute trawl tow	GOV Trawl	No

4.6 Indicate nature and quantity of substances to be released into the marine environment:

None

4.7 Indicate whether drilling will be carried out. If yes, please specify:

No

4.8 Indicate whether explosives will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude:

No

## 5. Installations and Equipment

Details of installations and equipment (including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements):

N/A

## 6. Dates

6.1 Expected dates of first entry into and final departure from the research area by the research vessel and/or other platforms:

25 January – 12 February 2020.

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

6.2 Indicate if multiple entries are expected:

Yes

## 7. Port Calls

7.1 Dates and Names of intended ports of call:

None

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 of the representative of the coastal State

8.1 Modalities of the participation of the representative of the coastal State in the research

Project:
Already participating through ICES

8.2 Proposed dates and ports for embarkation/disembarkation:
24 January 2020 / 13 February 2020, Aberdeen, Scotland

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to coastal State of preliminary report, which should include The expected dates of submission of the data and research results:
Within 3 months of cruise end.

9.2 Anticipated dates of submission to the coastal State of the final report:
Within 3 months of cruise end.

9.3 Proposed means for access by coastal State to data (including format) and samples:
By cruise report. Data to be uploaded to DATRAS within 1 month.

9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:
By cruise report. Data to be uploaded to DATRAS within 1 month.

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples And research results:
Through IBTS working group and DATRAS or direct with cruise leader.

9.6 Proposed means of making results internationally available:
Through IBTS and ICES.

10. Other permits Submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or Pending):
n/a

11. List of Supporting Documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:
n/a

Signature: I. Gibb

Contact information of the focal point:

Name: Mr Iain Gibb  
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Affiliation: Marine Scotland - Science  
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