

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

Date: 14.01.2015

1. General Information

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 1510
- 1.2 Sponsoring institution:**
Name: Havstovan
Address: PO Box 3051, Nóatún, FO-110 Tórshavn
Faroe Islands
Name of director: Eilif Gaard
- 1.3 Scientist in charge of project:**
Name: Dr. Jan Arge Jacobsen
Address: Havstovan
PO Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
Telefax: +298 353901
- 1.4 Scientist from UK with knowledge of the project:**
Name: Prof. Colin Moffat
Head of science
Address: Marine Scotland
PO Box 101, 375 Victoria Road
Aberdeen AB11 9DB
- 1.5 Submitting officer:**
Name: Dr. Eilif Gaard
Address: Havstovan
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FO-110 Tórshavn
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28 JAN. 2015

J. NR.

2. Description of Project

2.1 Nature and objectives of the project:

Assess the spawning stock of blue whiting in April 2015 as part of the joint international blue whiting survey (IBWSS) on the spawning grounds west of the British Isles, the Porcupine Bank and the Rockall Bank. Four parties and six research vessels (see text table below) take part in the survey, coordinated by the “Working Group of International Pelagic Surveys” (WGIPS) in ICES. The results will be used in the assessment of blue whiting by the “Working Group on Widely Distributed Stocks” [WGWIDE] in August 2015.

| Ship | Nation |
|-----------------|------------------|
| M. Heinason | Faroes |
| GO Sars | Norway |
| F.Nansen | Russia |
| Celtic Explorer | Ireland (EU) |
| Tridens | Netherlands (EU) |

2.2 Relevant previous or future research cruises:

| | | |
|------|-------------|-----------------|
| 2014 | 26.03-09.04 | Magnus Heinason |
| 2013 | 03.04-17.04 | Magnus Heinason |
| 2012 | 28.03-11.04 | Magnus Heinason |
| 2011 | 30.03-13.04 | Magnus Heinason |
| 2010 | 31.03-14.04 | Magnus Heinason |
| 2009 | 01.04-15.04 | Magnus Heinason |

2.3 Previously published research data relating to the project:

ICES. 2014. Report of the Working Group on Widely Distributed Stocks (WGWIDE). *ICES CM 2014/ACOM:15* [Reporting the 2014 survey]

ICES 2014. Report of the Working Group of International Pelagic Surveys (WGIPS). *ICES CM 2014/SSGESST:01* [Reporting the 2013 survey, Annex 5a]

ICES 2012. Report of the Working Group of International Pelagic Surveys (WGIPS). *ICES CM 2012/SSGESST:22*

ICES 2011. Report of the Working Group on Northeast Atlantic Pelagic Ecosystem Surveys (WGNAPES). *ICES CM 2011/SSGESST:16*

ICES 2010. Report of the Working Group on Northeast Atlantic Pelagic Ecosystem Surveys (WGNAPES). *ICES CM 2010/SSGESST:20*

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: FRV Magnus Heinason **Nationality:** Faroese
Owner: Føroya Landsstýri (The Local Faroese Government)
Operator: Havstovan
Overall length: 44.5 m **Maximum draught:** 4.8 m
Net tonnage: 184.9 **Gross tonnage:** 455
Propulsion: Diesel
Cruising speed: 10 kn **Maximum speed:** 11 kn
Call sign: OW 2252
Registered port and number: TN 407
Method and capability of communication: Radio-telephone
Name of master: Dánial J. Lydersen
Number of crew: 10
Number of scientists on board: 3-4

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 |
|---------------------------|---------------------|------------------------|
| Water | CTD + bottle sample | CTD + Rosette |
| Plankton | Vertical hauls | Plankton net |
| Fish | Horizontal hauls | Pelagic 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):

None

5. Geographical Areas

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

Water, plankton and fish will be sampled along the cruise transects shown in the attached chart within the approximate area 59°00'N-62°00'N and 03°30'W-13°30'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 intended 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 sporadically on the southern cruising legs during the period, depending on the distribution of the targeted stocks (see attached map):

Entry: 25.03.2015

Exit: 08.04.2015

6.2 Indicate if multiple entry is expected:

Yes

7. Port Calls

7.1 Dates and names of intended ports of call in the 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 to which UK will be enabled to participate or to be represented in the research project:

Observers are welcome aboard.

8.2 Proposed dates and ports for embarkation/disembarkation:

Tórshavn, Faroe Islands at beginning and end of cruise.

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to UK of preliminary reports which should include the expected dates of submission of the final results:

Within six months from conclusion of cruise.

9.2 Proposed means for access by UK to data and samples:

By cruise report

9.3 Proposed means to provide UK 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 results internationally available:

Through ICES Working Group reports and in published journals.

10. Scientific Equipment

Coastal State United Kingdom

Port Call No

Indicate "Yes" or "No"

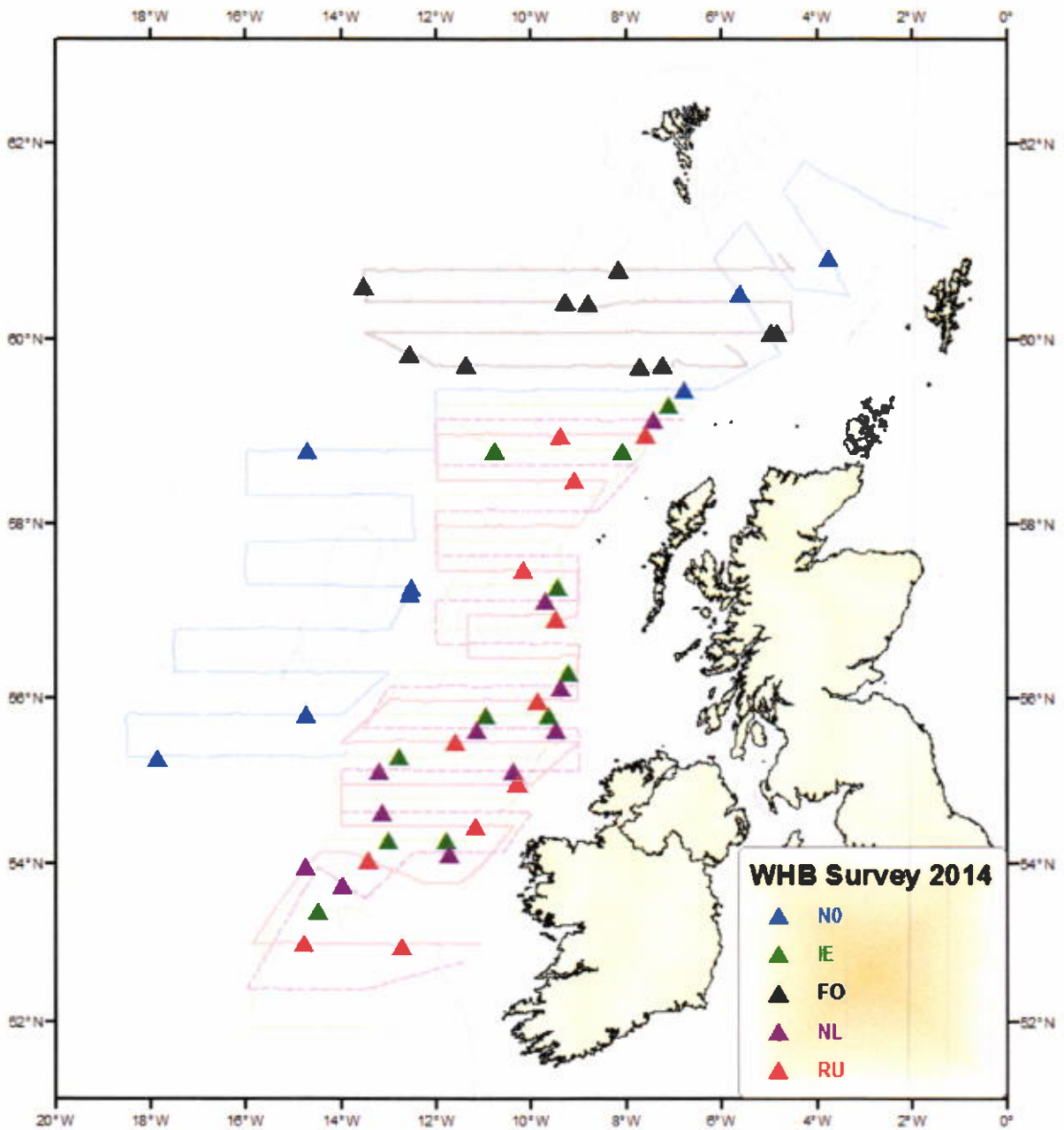
Dates N/A

| <u>LIST SCIENTIFIC WORK BY FUNCTION</u> 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 nms | Distance from coast between 12-200 nm | (Continental Shelf work only) Beyond 200 nm but within the Continental margin |
|--|---|--|--|-----------------------------------|---------------------------------------|--|
| Water sampling | Yes | Yes | No | No | Yes | No |
| Plankton sampling | Yes | Yes | No | No | Yes | No |
| Pelagic trawling | No | Yes | No | No | Yes | No |


Eilif Gaard

Dated 14. January 2015

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



Map, showing the IBWSS survey area and cruise tracks for the different participating vessels for the joint International blue whiting spawning stock survey in March-April 2014. The coordination is within the ICES WGIPS with the participation of five vessels from four parties (EU, NO, RU, FA). The Faroese R/V “Magnus Heinason” is shown as a black line (triangles are pelagic hauls) in the northern area. The plan for 2015 is similar to the 2014 plan.