

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

**Date:** 03.01.2017

*1. General Information*

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 1710
- 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  
PO Box 3051, Nóatún  
FO-110 Tórshavn  
Faroe Islands  
**Telephone:** +298 353900  
**Telefax:** +298 353901

## 2. Description of Project

### 2.1 Nature and objectives of the project:

Assess the spawning stock of blue whiting in April 2017 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. Three parties and four 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 2017.

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

### 2.2 Relevant previous or future research cruises:

|      |             |                 |
|------|-------------|-----------------|
| 2016 | 30.03-13.04 | Magnus Heinason |
| 2015 | 25.03-08.04 | Magnus Heinason |
| 2014 | 26.03-09.04 | Magnus Heinason |
| 2013 | 03.04-17.04 | Magnus Heinason |
| 2012 | 28.03-11.04 | Magnus Heinason |

### 2.3 Previously published research data relating to the project:

ICES. 2016. Report of the Working Group on Widely Distributed Stocks (WGWIDE). *ICES CM 2016/ACOM:16*

ICES. 2015. Report of the Working Group on Widely Distributed Stocks (WGWIDE). *ICES CM 2015/ACOM:15*

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

ICES 2014. Report of the Working Group of International Pelagic Surveys (WGIPS). *ICES CM 2014/SSGESST:01*

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

### 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°00'W-14°00'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: 29.03.2017

Exit: 12.04.2017

**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

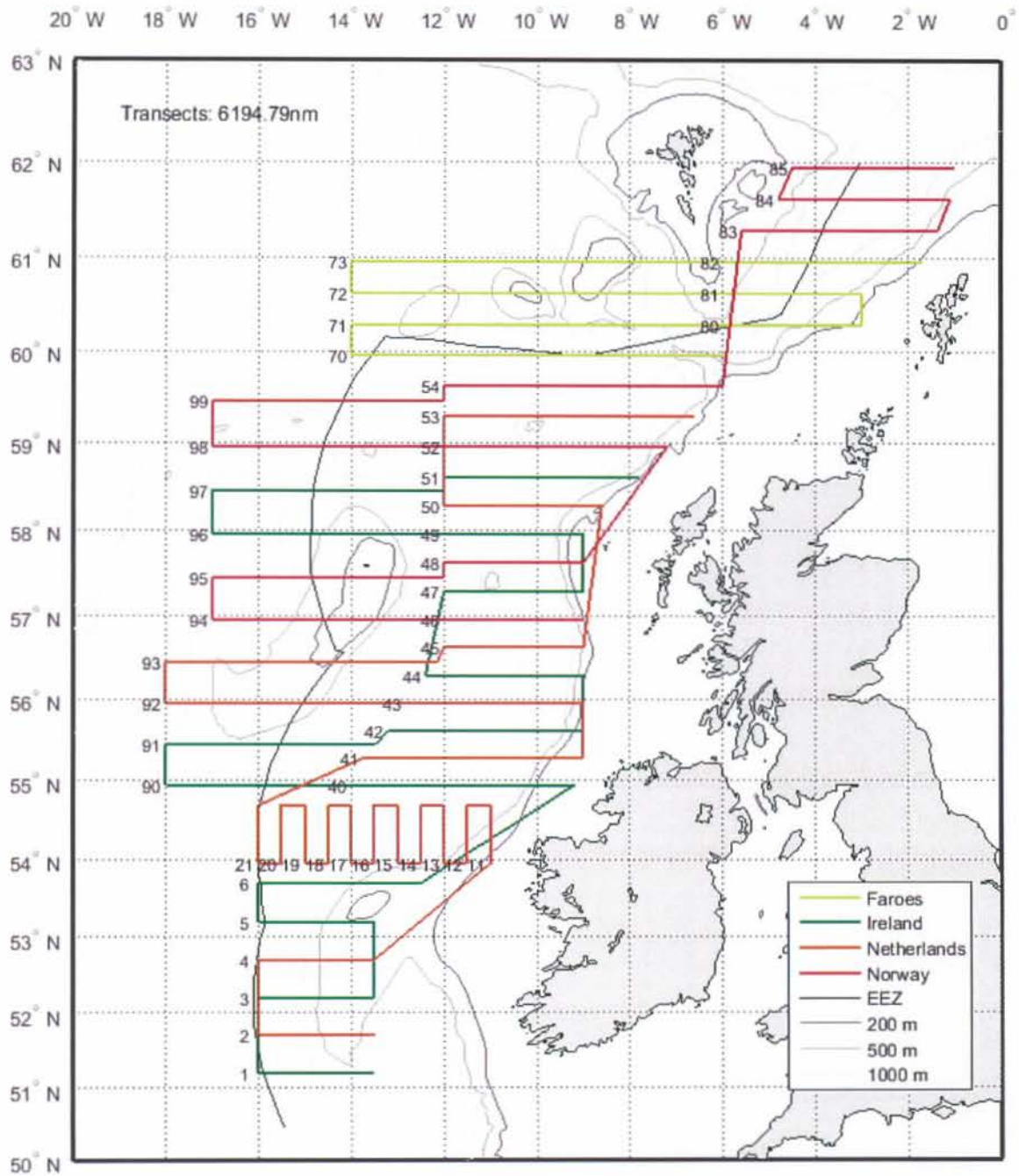
| <u>LIST SCIENTIFIC WORK BY FUNCTION</u><br>eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments | Water column including sediment sampling of the sea bed | Fisheries research within fishing 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)<br>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 3. January 2017

**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 2016. The 2017 survey coverage will be similar to 2016. The coordination is within the ICES WGIPS with four vessels from three parties (EU, NO, FA). The Faroese R/V “Magnus Heinason” is shown as a yellow line (mostly in Faroese EEZ) in the northern area.