

**APPLICATION FOR CONSENT TO CONDUCT MARINE
SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL
JURISDICTION OF ICELAND**

Date: 23.02.2017

1. General Information

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 1718
- 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: Jan Arge Jacobsen
Address: Havstovan
PO Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
Telefax: +298 353901
- 1.4 Scientist from Iceland with knowledge of the project:**
Name: Dr. Þorsteinn Sigurðsson
Address: Hafrannsóknarstofnun
P.O.Box 1390, Skúlagata 4
121 Reykjavík, Iceland
- 1.5 Submitting officer:**
Name: Eilif Gaard
Address: Havstovan
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FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
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2. Description of Project

2.1 Nature and objectives of the project:

Monitor the herring and blue whiting migrations in the Faroese area and in the Norwegian Sea during early summer after their spawning as part of the joint international survey in the Norwegian Sea (International Ecosystem Survey in the Nordic Seas (IESNS)). Five parties take part in the survey (FA, IC, EU, NO, RU), coordinated by the “Working Group of International Pelagic Surveys” (WGIPS) in ICES. The results will be used in the assessment of blue whiting and Norwegian spring spawning herring by the “Working Group on Widely Distributed Stocks (Blue Whiting, NEA Mackerel, horse mackerel, and Norwegian spring spawning Herring)” [WGWIDE] in August 2017.

2.2 Relevant previous or future research cruises:

2016	05.05-16.05	Magnus Heinason
2015	29.04-14.05	Magnus Heinason
2014	30.04-14.05	Magnus Heinason
2013	01.05-15.05	Magnus Heinason
2012	02.05-16.05	Magnus Heinason
2011	04.05-18.05	Magnus Heinason
2010	28.04-12.05	Magnus Heinason
2009	29.04-13.05	Magnus Heinason
2008	30.04-14.05	Magnus Heinason
2007	02.05-16.05	Magnus Heinason
2006	03.05-17.05	Magnus Heinason
2005	04.05-18.05	Magnus Heinason
2004	28.04-26.05	Magnus Heinason

2.3 Previously published research data relating to the project:

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

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

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

ICES 2015. Report of the Working Group of International Pelagic Surveys (WGIPS). ICES CM 2015/SSGIEOM:05

ICES 2016. Report of the Working Group of International Pelagic Surveys (WGIPS). ICES CM 2016/SSGIEOM:05

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 62°00'N-68°00'N and 14°00'W-08°00'E. See attached chart (last year's survey plan, as this year's map is not yet available). Possibly, the survey area for the Faroese vessel will extend farther eastward (into Norwegian waters) and/or westward (into Icelandic waters) as compared to last year's plan.

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 (Map in this document). The attached map is from last year's survey, as a map is not yet available for IESNS survey 2017. Possibly, the cruise tracks for the Faroese vessel will extend farther eastward (into Norwegian waters) and/or westward (into Icelandic waters) as compared to last year's plan. Trawl stations are taken based on acoustic registrations.

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 East Icelandic waters on the western part of cruising legs during the period (see attached map):

Entry: 04.05.2017

Exit: 16.05.2017

6.2 Indicate if multiple entry is expected:

Yes.

7. Port Calls

7.1 Dates and names of intended ports of call in Iceland:

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 Iceland 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 (03.05.2017) and end (17.05.2017) of cruise.

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to Iceland 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 Iceland to data and samples:

By cruise report.

9.3 Proposed means to provide Iceland with assessment of data, samples and research results or provide assistance in their assessment or interpretation:

All results submitted to ICES.

9.4 Proposed means of making research results internationally available:

In published journals and through ICES Working Group reports.

10. Scientific Equipment

Coastal State Iceland

Port Call No

Indicate "Yes" or "No"

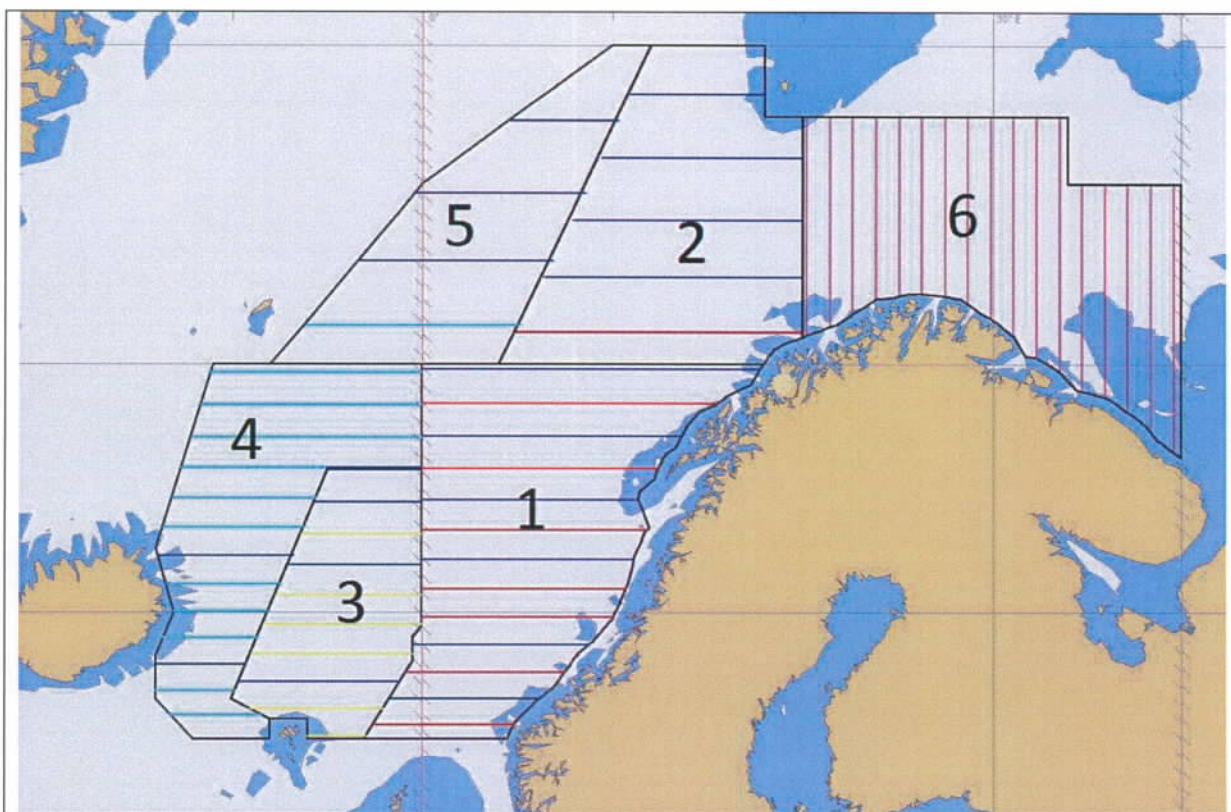
Dates N/A

<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
Trawl sampling	Yes	Yes	No	No	Yes	No

Eilif Gaard

Dated 23. February 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 planned survey area for surveys in the Nordic Seas and Barents Sea in May 2016. The plan for the IESNS2017 survey will be similar, although possibly, the Faroese cruise tracks will also extend further eastward into Norwegian waters and/or westward into Icelandic waters. The coordination of the surveys is within the ICES group WGIPS with participation of five parties: EU (DK), NO, IC, RU and FO. The Faroese R/V “Magnus Heinason” will cover the northern part of the Faroese area into international, Icelandic waters and possibly Norwegian waters (yellow lines east and north of Faroes on the map).