

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

Date: 6.01.2021

*1. General Information*

- 1.1 Ship and cruise number:** Jákup Sverri Cruise 2118
- 1.2 Sponsoring institution:**  
**Name:** Havstovan  
**Address:** PO Box 3051, Nóatún, FO-110 Tórshavn  
Faroe Islands  
Eilif Gaard
- 1.3 Scientist in charge of project:**  
**Name:** Dr. Jan Arge Jacobsen  
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PO Box 3051, Nóatún  
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Faroe Islands  
+298 353900  
**Telephone:** janarge@hav.fo  
**email:**
- 1.4 Scientist from Iceland with knowledge of the project:**  
**Name:** Dr. Guðmundur Oskarsson  
**Address:** Hafnansoknarstofnun  
P.O.Box 1390, Skúlagata 4  
121 Reykjavík, Iceland
- 1.5 Submitting officer:**  
**Name:** Dr. Eilif Gaard  
**Address:** Havstovan  
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+298 353900  
**Telephone:** eilifg@hav.fo  
**email:**

## 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 2020.

### 2.2 Relevant previous or future research cruises:

2020	29.04-11.05	Magnus Heinason
2019	02.05-14.05	Magnus Heinason
2018	03.05-15.05	Magnus Heinason
2017	03.05-17.05	Magnus Heinason
2016	05.05-16.05	Magnus Heinason
2015	29.04-14.05	Magnus Heinason

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

- ICES. 2020. ICES Working Group of International Pelagic Surveys (WGIPS). ICES Scientific Reports 2:56. 473 pp. <http://doi.org/10.17895/ices.pub.6088>
- ICES. 2019. ICES Working Group of International Pelagic Surveys (WGIPS). ICES Scientific Reports. 1:11. 493 pp. <http://doi.org/10.17895/ices.pub.5122>
- ICES. 2018. Report of the Working Group on International Pelagic Surveys (WGIPS). ICES CM 2018/EOSG:14. 340 pp.
- ICES. 2017. Interim Report of the Working Group of International Pelagic Surveys (WGIPS). ICES CM 2017/SSGIEOM:15. 572 pp.

### 3. Methods and Means to be Used

3.1

Particulars of vessel:

Name: Jákup Sverri

Nationality: Faroese

Owner: Føroya Landsstýri (The Local Faroese Government)

Operator: Havstovan

Overall length: 54.1 m Maximum draught: 6.4 m

Net tonnage: 600 t Gross tonnage: 1900 t

Propulsion: Diesel-electric

Cruising speed: 10 km Maximum speed: 14 km

Call sign: XPZO

Registered port and number: Tórshavn (cargovessel)

Method and capability of communication: Radio-telephone

Name of master: Birgir Lutzen

Number of crew: 13

Number of scientists on board: 3-5

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
Fish	Acoustic estimation	Acoustic echosounders

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 62°00'N-68°00'N and 14°00'W-08°00'E. See attached chart from the 2020 survey plan. The present coverage will be similar to previous year's coverage.

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

Entry: 28.04.2021

Exit: 12.05.2021

**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 and end 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"*

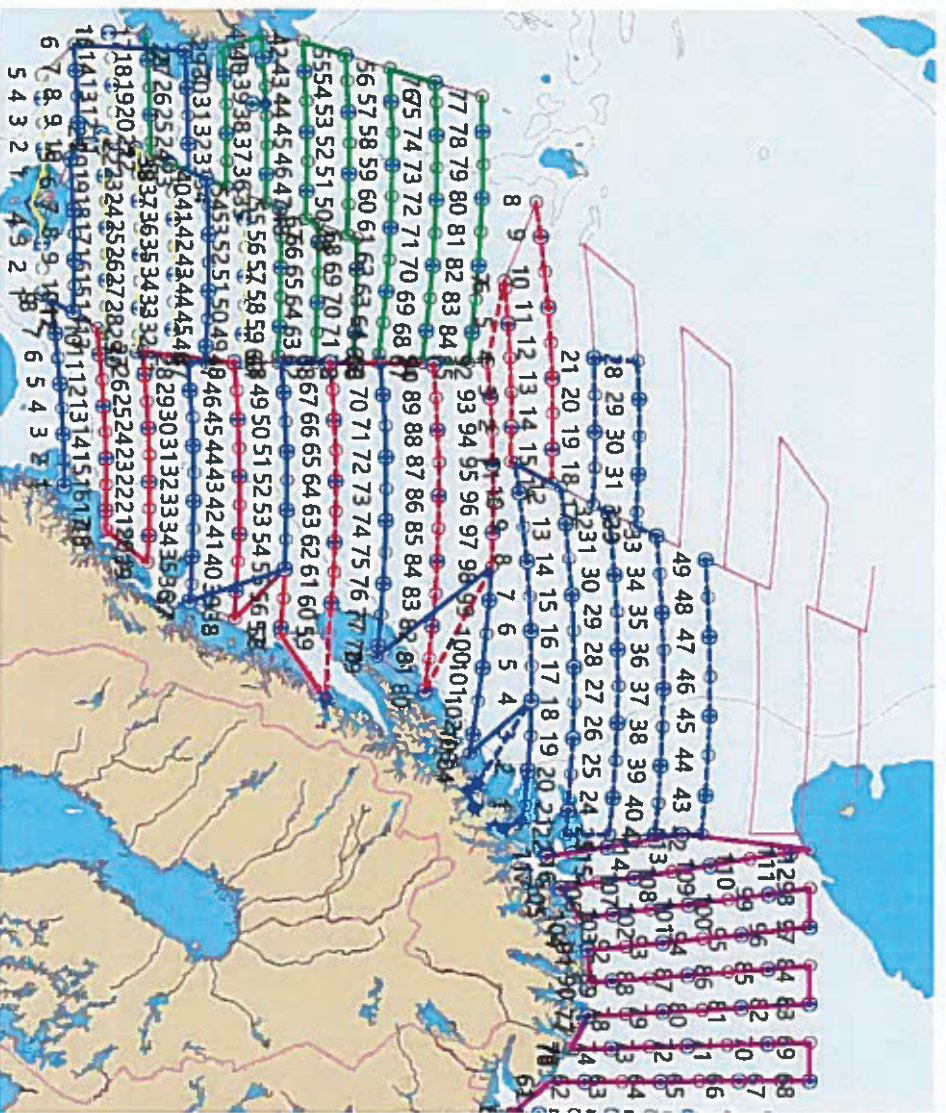
Dates **N/A**

<b>LIST SCIENTIFIC WORK BY FUNCT-ION</b> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, w/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	Yes
Plankton sampling	Yes	Yes	No	No	Yes	Yes
Pelagic trawling	Yes	Yes	No	No	Yes	Yes
Echosounding	Yes	Yes	No	No	Yes	Yes

*Eilif Gaard*  
Eilif Gaard

Dated 6 January 2021

**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 tracks for all vessels in the joint international Nordic Seas and Barents Sea (IESNS) in May 2020. The 2021 survey coverage will be similar to 2020. The coordination of the surveys is within the ICES WGIPS with the participation of five parties: NO, IC, FO, DK and RU. The Faroese “Tákup Sverri” (yellow red lines) will cover the Faroese area extending into Icelandic and perhaps into Norwegian area.