

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

Date: 9.03.2021

*1. General Information*

- 1.1 Ship and cruise number: Jákup Sverri Cruise 2130
- 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  
email: janarge@hav.fo
- 1.4 Scientist from Iceland with knowledge of the project:  
Name: Dr. Guðmundur J. Óskarsson  
Address: Haf og vatn  
P.O.Box 1390, Skúlagata 4  
121 Reykjavík, Iceland
- 1.5 Submitting officer:  
Name: Dr. Eilif Gaard  
Address: Havstovan  
PO Box 3051, Nóatún  
FO-110 Tórshavn  
Faroe Islands  
Telephone: +298 353900  
e-mail: eilifg@hav.fo

## 2. Description of Project

### 2.1 Nature and objectives of the project:

Assess the stock of Northeast Atlantic mackerel by swept area trawl survey method (International Ecosystem Summer Survey in the Nordic Seas, IESSNS) in July 2021. Five parties (Iceland, Faroes, Norway, Greenland and Denmark) with six 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 mackerel, herring and blue whiting by the “Working Group on Widely Distributed Stocks” [WGWIDE] in August later this year.

Ship	Nation
Jákup Sverri	Faroes
Arni Friðriksson	Iceland
Eros	Norway
Vendla	Norway
Tarajog	Greenland
tbd	Denmark

### 2.2 Relevant previous or future research cruises:

2020	02.07-18.07	Tróndur í Gøtu
2019	28.06-13.07	Finnur Fríði
2018	01.07-19.07	Tróndur í Gøtu
2017	03.07-19.07	Tróndur í Gøtu
2016	05.07-20.07	Tróndur í Gøtu
2015	03.07-19.07	Christian í Gróttinum

### 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:**
- |  |  |                         |         |
|--|--|-------------------------|---------|
| <b>Name:</b>                                   | Jákup Sverri                                     | <b>Nationality:</b>     | Faroese |
| <b>Owner:</b>                                  | Føroya Landsstýri (The Local Faroese Government) |                         |         |
| <b>Operator:</b>                               | Havstovan  |                         |         |
| <b>Overall length:</b>                         | 54.1 m   | <b>Maximum draught:</b> | 6.4 m   |
| <b>Net tonnage:</b>                            | 600 t  | <b>Gross tonnage:</b>   | 1900 t  |
| <b>Propulsion:</b>                             | Diesel-electric                                  |                         |         |
| <b>Cruising speed:</b>                         | 10 kn  | <b>Maximum speed:</b>   | 14 kn   |
| <b>Call sign:</b>                              | XPZO   |                         |         |
| <b>Registered port and number:</b>             | Tórshavn (cargovessel)                           |                         |         |
| <b>Method and capability of communication:</b> | Radio-telephone                                  |                         |         |
| <b>Name of master:</b>                         | Birgir Lutzen                                    |                         |         |
| <b>Number of crew:</b>                         | 13   |                         |         |
| <b>Number of scientists on board:</b>          | 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 60°00'N-68°00'N and 5°00'E-15°00'W. See attached chart from the 2021 survey 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.

#### 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: 01.07.2021

Exit: 21.07.2021

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:**  
Through ICES Working Group reports and in published journals.

*10. Scientific Equipment*

Coastal State Iceland

Port Call No

*Indicate "Yes" or "No"*

Dates N/A

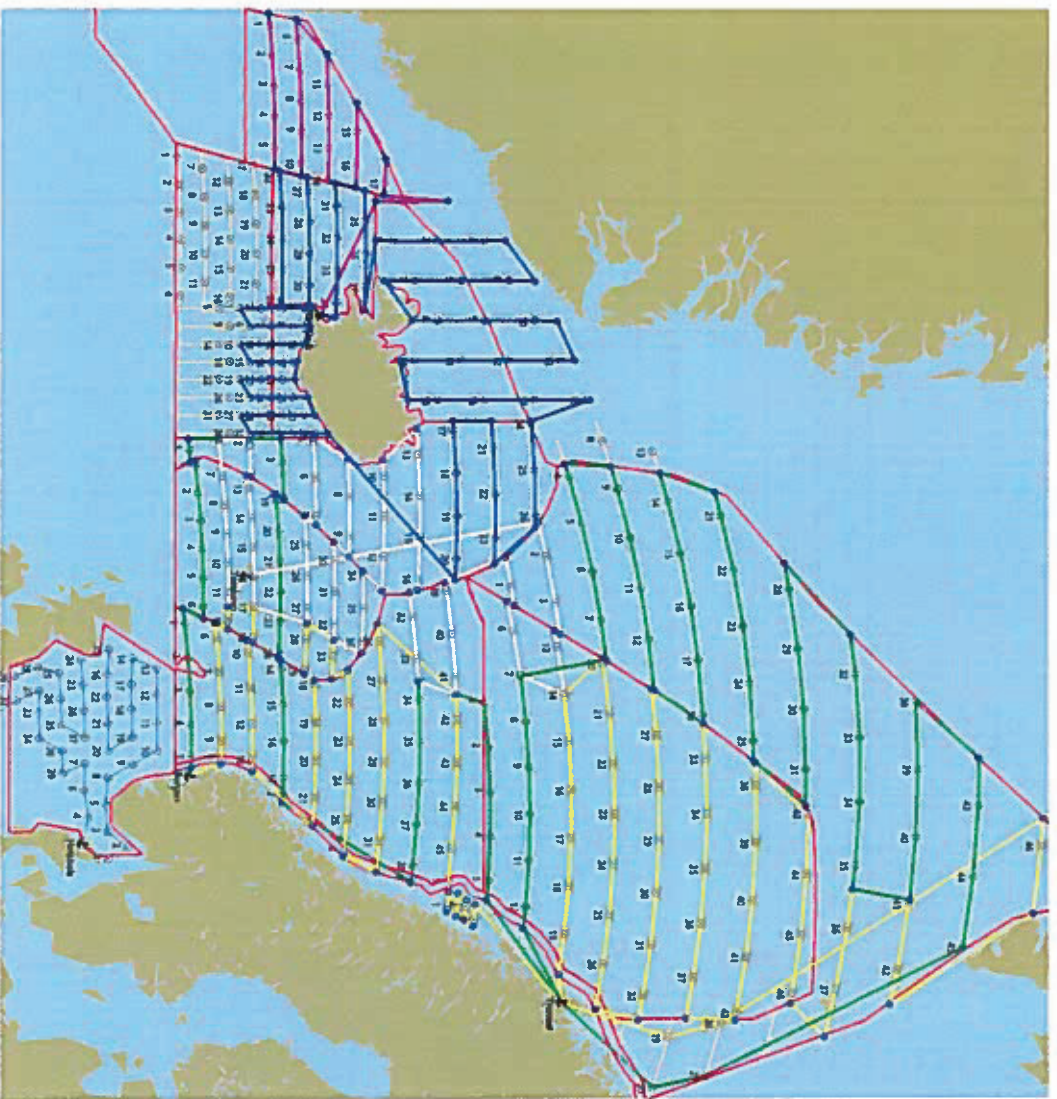
<b>LIST SCIENTIFIC WORK BY FUNCTION</b>	<b>Water column including sediment sampling of the sea bed</b>	<b>Fisheries research within fishing limits</b>	<b>Research concerning the natural resources of the Continental Shelf or its physical characteristics</b>	<b>Distance from coast within 12 nms</b>	<b>Distance from coast between 12-200 nm</b>	<b>(Continental Shelf work only) Beyond 200 nm but within the Continental margin</b>
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

Elif Gaard



Dated 9. March 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 cruise tracks for all vessels in the joint international mackerel surveys in the Norwegian Sea (IESSNS) in July 2021. The coordination of the surveys is within the ICES WGIPS with the participation of five parties: NO, IC, FO, GR and DK. The Faroese “Jákup Sverri” (white lines) will cover the Faroese area extending into Icelandic and International area up to several times.**