

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

Date: 15.02.2023

1. General Information

- 1.1 Ship and cruise number:** Jákup Sverri, Cruise 2334
- 1.2 Sponsoring institution:**
Name: Havstovan
Address: PO Box 3051, Nóatún, FO-110 Tórshavn
Faroe Islands
Name of director: Marita Rasmussen
- 1.3 Scientist in charge of project:**
Name: Eydna í Homrum
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Faroe Islands
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- 1.4 Scientist from Iceland with knowledge of the project:**
Name: Dr. Guðmundur Óskarsson,
Head of Pelagic Division
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- 1.5 Submitting officer:**
Name: Marita Rasmussen
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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 2023. Four parties (Iceland, Faroes, Norway and Denmark) with five vessels (see text table below) take part in the survey, coordinated by the “Working Group of International Pelagic Surveys” (WGIPS) in ICES. The aim is to use the results in the assessment of mackerel by the “Working Group on Widely Distributed Stocks (Blue Whiting, NEA Mackerel, horse mackerel, and Norwegian spring spawning Herring)” [WGWIDE] in August 2023.

Vessel	Nation
Jákup Sverri	Faroes
Árni Friðriksson	Iceland
Ceton/Chartered vessel	Denmark (EU)
Eros/Chartered vessel	Norway
Vendla/Chartered vessel	Norway

2.2 Relevant previous or future research cruises:

Surveys in this same series in previous years

2022	29.06-20.07	Jákup Sverri
2021	30.06-21.07	Jákup Sverri
2020	01.07-18.07	Tróndur í Gøtu
2019	28.06-13.07	Finnur Friði
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 Grótinum
2014	10.07-21.07	Finnur Friði

2.3 Previously published research data relating to the project:

ICES (2015): Report of the Working Group of International Pelagic Surveys (WGIPS). ICES Expert Group reports (until 2018). Report.

<https://doi.org/10.17895/ices.pub.8647>

ICES (2016): First Interim Report of the Working Group of International Pelagic Surveys (WGIPS). ICES Expert Group reports (until 2018). Report.

<https://doi.org/10.17895/ices.pub.8677>

ICES (2017): Interim Report of the Working Group of International Pelagic Surveys (WGIPS). ICES Expert Group reports (until 2018). Report.

<https://doi.org/10.17895/ices.pub.8705>

ICES (2018): Report of the Working Group on International Pelagic Surveys (WGIPS). ICES Expert Group reports (until 2018). Report. <https://doi.org/10.17895/ices.pub.7455>

ICES (2019): Working Group of International Pelagic Surveys (WGIPS). ICES Scientific Reports. Report. <https://doi.org/10.17895/ices.pub.5122>

ICES (2020): Working Group of International Pelagic Surveys (WGIPS). ICES Scientific Reports. Report. <https://doi.org/10.17895/ices.pub.6088>

ICES (2021): Working Group of International Pelagic Surveys (WGIPS). ICES Scientific Reports. Report. <https://doi.org/10.17895/ices.pub.8055>

ICES. 2022. Working Group on International Pelagic Surveys (WGIPS). ICES Scientific Reports. 4:82. 622 pp. <http://doi.org/10.17895/ices.pub.20502822>

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:	54.09 m	Maximum draught:	6.4 m
Net tonnage:	544	Gross tonnage:	1815
Propulsion:	Diesel		
Cruising speed:	8-10 kn	Maximum speed:	11 kn
Call sign:	XPZO		
Registered port and number:	Tórshavn, Faroe Islands		
Method and capability of communication:	MMSI no: +231 854 000 Phone no: +298 66 39 00 Email: jsbridge@hav.fo		
Name of master:	Martin í Grund		
Number of crew:	13		
Number of scientists on board:	4-5		

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 cruise transects within the polygon delineated by the coordinates from latitude 60 to 77.9 and longitude from -44 to 24.8. A preliminary survey plan has been outlined for the 2023 survey (see also the attached map in Figure 1).

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 as Figure 1 in this document.

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 part of cruising legs during the period (see attached map):

Entry: 29.06.2023

Exit: 19.07.2023

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:

Embark, Tórshavn, Faroe Islands 29.06.2023

Disembark, Tórshavn, Faroe Islands 19.07.2023

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"*

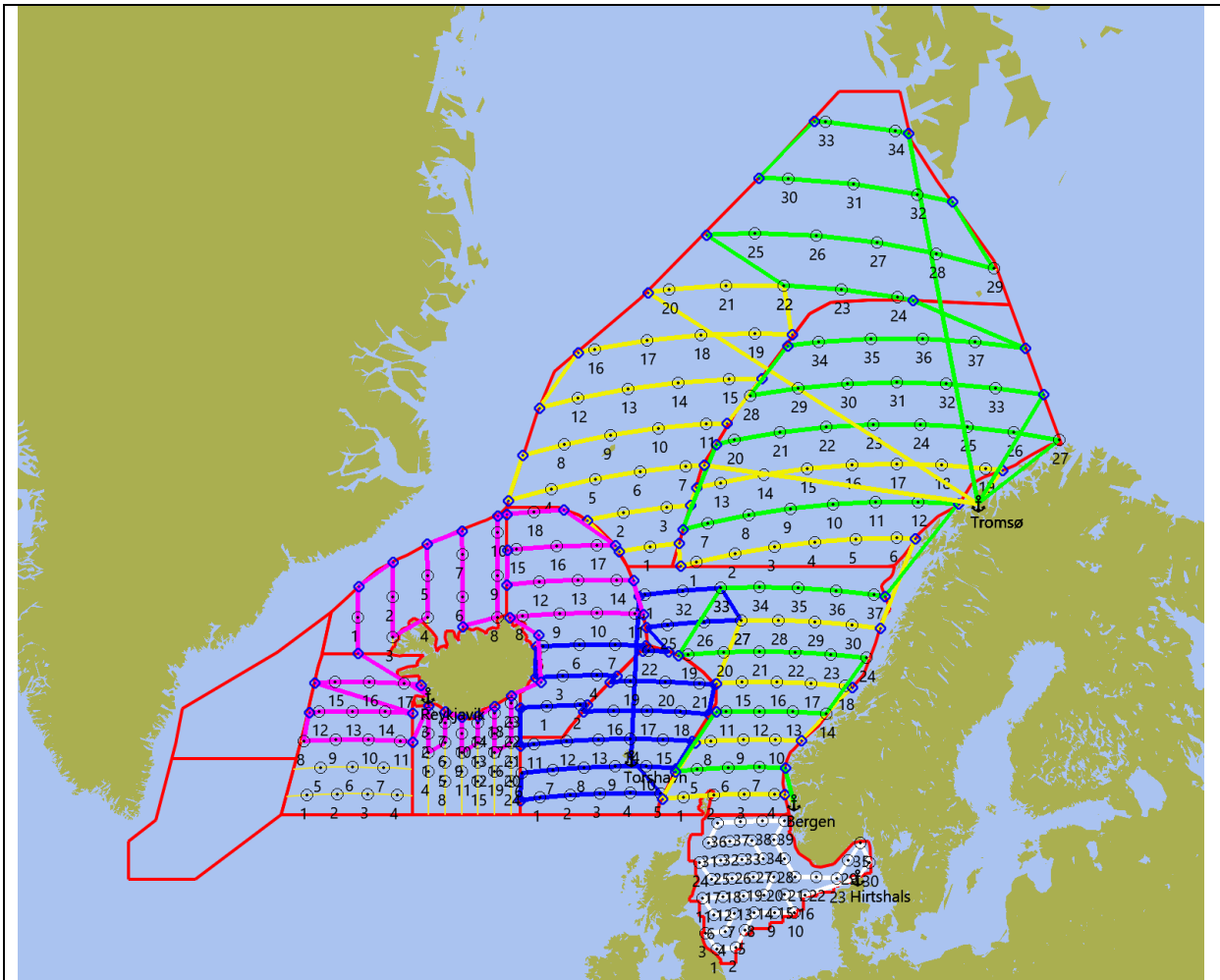
Dates N/A

<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
Pelagic trawling	Yes	Yes	No	No	Yes	No
Echosounding	Yes	Yes	No	No	Yes	No

Marita Rasmussen

Dated 15. February 2023

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



Preliminary Map. The map shows the preliminary survey plan for surveys in the Nordic Seas in July 2023. Blue lines are currently indicating Jákup Sverri’s cruise track and it is expected that Jákup Sverri will cover parts of the Faroese area, international waters, UK waters, Norwegian waters and Icelandic waters.

The coordination of the surveys is within the ICES group WGIPS with participation of four parties: EU (DK), NO, IC and FO.