

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

Date: 17. ~~01~~ 2022

1. General Information

- 1.1 Ship and cruise number: Jákup Svetti Cruise 2220
- 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: Sólva Káradóttir Eliassen
Address: Havstovan
PO Box 3051, Nóatún
FO-110 Tórshavn
Faroe Islands
Telephone: +298 353900
email: solvae@hav.fo
- 1.4 Scientist from Iceland with knowledge of the project:
Name: Dr. Guðmundur Oskarsson
Address: Marine and Freshwater Research Institute
P.O.Box 1390, Fornubúðum 5
220 Hafnarfjörður,
Iceland
- 1.5 Submitting officer:
Name: Eilif Gaard
Address: Havstovan
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Faroe Islands
Telephone: +298 353900
email: eilifg@hav.fo

2. Description of Project

2.1 Nature and objectives of the project:

Assess the spawning stock of mackerel in spring/summer 2022 as part of the joint international mackerel egg survey on the spawning grounds west of the British Isles. Several research vessels and several periods will be covered during the various surveys (see text table below for vessels in our period), coordinated by the ICES. The results will be used in the assessment of mackerel by the “Working Group on Widely Distributed Stocks” [WGWIDE] in August 2022.

2.2 Relevant previous or future research cruises:

2019	23.05-04.06	Magnus Heinason
2016	25.05-08.06	Magnus Heinason

2.3 Previously published research data relating to the project:

ICES. 2021. *Working Group on Mackerel and Horse Mackerel Egg Surveys (WGMEGS). ICES Scientific Reports. 3:82. 40pp.*
<https://doi.org/10.17895/ices.pub.8249>

ICES. 2021. *ICES Working Group on Mackerel and Horse Mackerel Egg Surveys (WGMEGS: outputs from 2020 meeting). ICES Scientific Reports. 3:11. 88pp.*
<https://doi.org/10.17895/ices.pub.7899>

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name:	R/V Jákup Sverri	Nationality:	Faroese
Owner:	Føroya Landsstýri (The Local Faroese Government)		
Operator:	Havstovan		
Overall length:	54.1 m	Maximum draught:	6.9 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: isbridge@hav.fo

Name of master: Martin í Grund

Number of crew: 9

Number of scientists on board: 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	Gulf VII (CTD attached)
Plankton	V- hauls	Gulf VII
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 a cruise transects. The cruise transect is to be defined in the attached chart within the approximate area 59°30'N-62°30'N and 17°00'W-1°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 East Icelandic waters on the western part of cruising legs during the period (see attached map):

Entry: 18.05.2022

Exit: 01.06.2022

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

Dates N/A

Indicate "Yes" or "No"

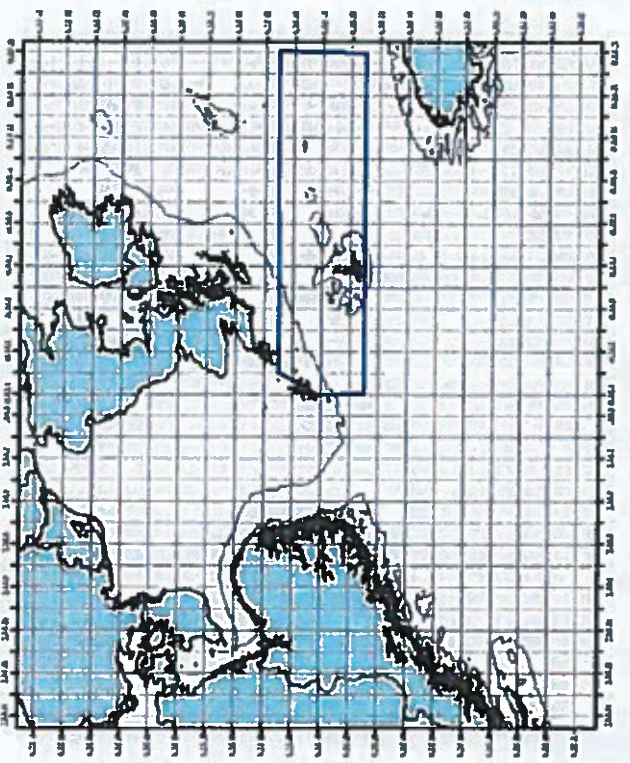
LIST SCIENTIFIC WORK BY FUNCTION	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research concerning the natural resources of the Continental Shelf or its physical characteristics	Distance from coast within 12 nms	Distance from coast between 12-200 nm	(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 17. January 2022

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 the 2220 survey.