

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP CRUISE NO.
Magnus Heinason Cruise 1918

2. DATES OF CRUISE From 01.05.2019 To 15.05.2019

3. OPERATING AUTHORITY: Havstovan, PO Box 3051, Nóatún, FO-110 Tórshavn, Faroe Islands
TELEPHONE: +298 353900
TELEFAX: +298 353901
TELEX:

4. OWNER (if different from no. 3): Føroya Landsstýri (The Local Faroese Government)

5. PARTICULARS OF SHIP:

Name:	FRV Magnus Heinason
Nationality:	Faroese
Overall length: (in metres)	44.5 m
Maximum draught: (in metres)	4.8 m
Net tonnage:	184.9
Propulsion e.g. diesel/steam:	Diesel
Call sign:	OW2252
Registration port and number (if registered fishing vessel)	TN 407

6. CREW

Name of master:	Dánjal Jákup Lydersen
Number of crew:	10

7. SCIENTIFIC PERSONNEL

Name and address of scientist in charge:	Dr. Jan Arge Jacobsen Havstovan PO Box 3051, Nóatún, FO-110 Tórshavn
Tel/telex/fax no.:	+298315092/+2988264
No. of scientists:	3-5

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)
Within the approximate area 62°00'N-68°00'N and 14°00'W-8°00'E.

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE
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)).

10. DATES AND NAMES OF INTENDED PORTS OF CALL
None

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL
None

NOTIFICATION OF PROPOSED RESEARCH CRUISE

1. PART B: DETAILS

1. NAME OF RESEARCH SHIP CRUISE NO.
 Magnus Heinason Cruise 1718
2. DATES OF CRUISE From 03.05.2017 To 17.05.2017

3. a) PURPOSE OF RESEARCH
 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 2019.

Ship	Nation
Arni Friðriksson	Iceland
To be decided	Norway
Dana	Denmark (EU)
Magnus Heinason	Faroes
To be decided	Russia

- b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)
 Pelagic trawl (40 mm mesh size in cod-end). Standard WP2 plankton net (0.2 mm mesh size). Seabird CTD.
4. ATTACH CHART showing (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished

Attached chart is showing the cruise tracks planned for the IESNS 2019 survey in the Nordic Seas. Possibly, the cruise tracks for the Faroese vessel will extend farther eastward (into Norwegian waters). Trawl stations are taken based on acoustic registrations and CTD probe samples (temperature and salinity) approximately 60 nm apart along the cruise track.

- a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclide)
 5. Temperature, salinity, water samples, zoo-plankton and fish.
- b) METHODS OF OBTAINING SAMPLES (e.g., dredging/coring/drilling/fishing, etc. When using fishing gear, indicate fish stocks being worked, quantity of each species required, and quantity of fish to be retained on board).

Pelagic trawl (main stocks: herring and blue whiting). Occasional samples of up to 100 fish may be retained for later analysis. WP2 net (zoo-plankton). CTD-probe for temperature and salinity and water samples.

6. DETAILS OF MOORED EQUIPMENT – Not applicable

<u>Dates Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc.)
 (Use separate sheet if necessary)
 None

- a) Type and trade name
- b) Chemical content (and formula)
- c) IMO IMDG code (reference and UN no.)
- d) Quantity and method of storage on board
- e) If explosives give dates of detonation
 - Method of detonation
 - Position of detonation
 - Frequency of detonation
 - Depth of detonation
 - Size of explosive charge in kg.

8. DETAIL AND REFERENCE OF

a) Any relevant previous/future cruises

2018	02.05-16.05	Magnus Heinason
2017	03.05-17.05	Magnus Heinason
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

b) Any previously published research data relating to the proposed cruise

ICES 2018. Report of the Working Group of International Pelagic Surveys (WGIPS). ICES CM 2018/EOSG:14

ICES 2017. Interim Report of the Working Group of International Pelagic Surveys (WGIPS). ICES CM 2017/SSGIEOM:15

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

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

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

9. NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE

Dr. Are Salthaug, Institute of Marine Research, POBox 1870, N-5024 Bergen, Norway.

10. STATE

a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable
(Yes/No)
Yes

b) Participation of an observer from the coastal state for any part of the cruise together with the dates and the ports for embarkation and disembarkation
None

c) When research data from the intended cruise are likely to be made available to the coastal state and by what means

In preliminary cruise report five weeks after the cruise, final report within six months from conclusion of cruise. All results will be submitted to the ICES expert groups WGIPS and WGWISE.

PART C. SCIENTIFIC EQUIPMENT

Complete the following table using a separate page for each coastal state

Coastal state Norway
Port of call None
Dates N/A

Indicate "YES" or "NO"

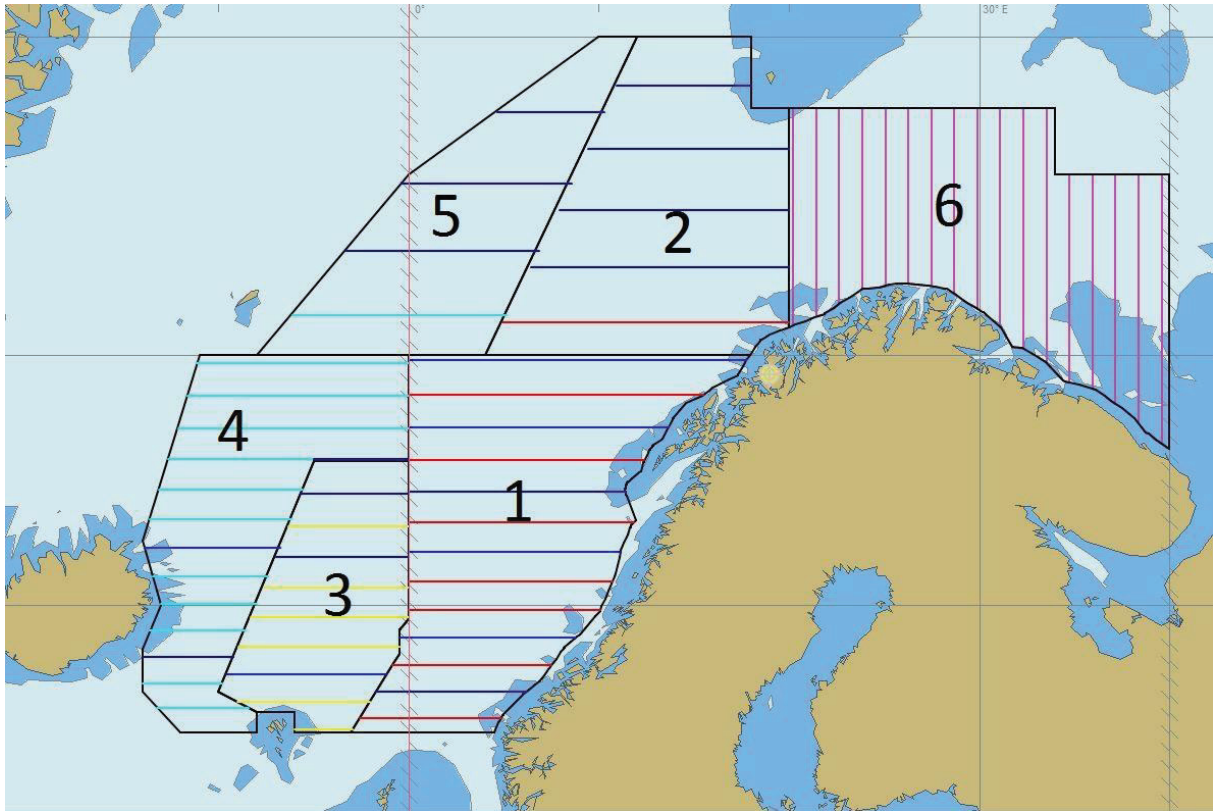
				DISTANCE FROM COAST		
<u>List scientific work by function</u> e.g.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteristics	Within 4 nm	Between 4-12 nm	Between 12-200 nm
Magnetometry						
Gravity						
Diving						
Seismics						
Seabed sampling						
Bathymetry						
Trawling	Yes	Yes	No	No	No	Yes
Echo sounding	Yes	Yes	No	No	No	Yes
Water sampling	Yes	Yes	No	No	No	Yes
U/W TV						
Moored instr.						
Towed instr.						
Plankton sampling	Yes	Yes	No	No	No	Yes



 Eilif Gaard
 (On behalf of the Principal Scientist)

Dated 11 October 2018

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 IESSNS survey in the Nordic Seas and Barents Sea in May 2019. There might be extensions of the Faroese cruise tracks 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 strata 3 (northern part of the Faroese area and International area).