



ICES form - Notification of proposed research cruise

Ref.id.: KS&SMS-5-4-02

Standard

Side 1 av 6

1. **NAME OF RESEARCH SHIP: G.O. Sars** **CRUISE NO.: 2021105**
2. **DATES OF CRUISE** **From: 1 June 2021 To: 30 June 2021**
3. **OPERATING AUTHORITY: Institute of Marine Research, Norway**
TELEPHONE: +47 55238500
TELEFAX: NA
TELEX: NA
4. **OWNER**
(if different from no. 3)
5. **PARTICULARS OF SHIP:**

Name: G. O. Sars

Nationality: Norwegian

Overall length: 77,50 m

Maximum draught: 7,8 m

Net tonnage: 1220

Propulsion: Diesel-electric

Call sign: LMEL

Registration port and number (if registered fishing vessel): NA

6. **CREW**

Name of master: John G. Aasen / Svein-Roger Fredheim

Number of crew: 15

7. **SCIENTIFIC PERSONNEL**

Name and address of scientist in charge:

Webjørn Melle

Tel/telex/fax no.: +47 93004245/+47 55906580

Dokumenter kan skrives ut, men kun elektronisk versjon ansees som oppdatert og gyldig.

Dok.id: D03697 Versjon: 1.03

Forfatter: TOD

Godkjent av: PWN

Sist endret: 14.04.2016



No. of scientists: 15

8. **GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)**

Northeast Atlantic: Coordinates encompassing working area are: (57.5° N, 30° W), (64° N, 30° W), (64° N, 7° W) and (57.5° N, 7° W).

9. **BRIEF DESCRIPTION OF PURPOSE OF CRUISE**

Explore the distribution, abundance and ecology of mesopelagic resources of the Northeast Atlantic.

10. **DATES AND NAMES OF INTENDED PORTS OF CALL**

Torshavn, Faroe Islands, 22 June 2021.

11. **ANY SPECIAL REQUIREMENTS AT PORTS OF CALL**

1. Part B: Details

1. **NAME OF RESEARCH SHIP: G.O. Sars** **CRUISE NO.: 2018106**

2. **DATES OF CRUISE** **From: 1 June** **To: 30 June 2021**

3.

PURPOSE OF RESEARCH: Explore the distribution, abundance and ecology of mesopelagic resources of the Northeast Atlantic.

a) **GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)**

Hull mounted multifrequency Simrad EK 80 broadband acoustics, surface light, thermo-salinograph with fluorescence, CTD with water bottles, Multinet Mammoth, towed platform with acoustics, optics and F-CTD, fine-meshed trawls (8 and 20 mm stretched meshes, 36-500 m² mouth opening, towed at 2 knots), Multipelt pelagic fish trawl, deployment of buoy with acoustics (to be collected at the end of the cruise, no moorings). All station work including trawling down to 1000m. No bottom trawling.

4. **ATTACH CHART** showing (on an appropriate scale) the geographical area of intended work, positions of survey lines, positions of moored/seabed equipment, areas to be fished

5.

a) **TYPES OF SAMPLES REQUIRED** (e.g., geological/water/plankton/fish/radionuclide)



Nutrients, chlorophyll, plankton and fish. Genetics of plankton and fish. Stomach samples.

- b) METHODS OF OBTAINING SAMPLES (e.g., dredging/coring/drilling/fishing, etc. When using stocks being worked, quantity of each species required, and quantity of fish to be retained on board)
Waterbottles on CTD, Multinet Mammoth plankton net, fine meshed trawls, Mulpelt pelagic fish trawl.

6. **DETAILS OF MOORED EQUIPMENT** NO MOORINGS

Dates

Laying Recovery Description Depth Latitude Longitude

7. **ANY HAZARDOUS MATERIALS** (chemicals/explosives/gases/radioactives, etc.)
(Use separate sheet if necessary)

- a) Type and trade name NIL
- b) Chemical content (and formula) NIL
- c) IMO IMDG code (reference and UN no.) NIL
- d) Quantity and method of storage on board NIL
- 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
EURO-BASIN cruise with “G.O. Sars” 2013. MEESO cruise with G.O. Sars 2018.
- b) Any previously published research data relating to the proposed cruise

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**

**Eilif Gaard, Director, Faroe Marine Research Institute. Nóatún 1, P.O. Box 3051 FO
110 Tórshavn Faroe Islands**

10. **STATE**

- a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable (Yes/no)
Yes, as Covid19 allows.
- b) Participation of an observer from the coastal state for any part of the cruise together with the dates for embarkation and disembarkation
Yes, as allowed by Covid19 regulations.
- c) When research data from the intended cruise are likely to be made available to the coastal state and by what means
December 2021 in open access database.



2. Part C. Scientific Equipment

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

Coastal state: Faroe Islands

Port of call: Torshavn 22 June 2021

Dates: 1-30 June 2021

List scientific work by function eg.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf and its physical characteristics	Distance from coast		
				Within 4 nm	Between 4-12 nm	Between 12-200 nm
Magnometry	No	No	No	No	No	No
Gravity	No	No	No	No	No	No
Diving	No	No	No	No	No	No
Seismic	No	No	No	No	No	No
Seabed sampling	Yes	No	No	No	No	Yes
Bathymetry	No	No	No	No	No	No
Trawling	No	Yes	No	No	No	Yes
Echo sounding	No	Yes	No	No	No	Yes
Water sampling	Yes	No	No	No	No	Yes
U/W TV	No	No	No	No	No	No
Moored instr.	No	No	No	No	No	No
Towed instrument	No	Yes	No	No	No	Yes



A handwritten signature in black ink is visible on a light-colored background. The signature appears to be 'W. M. Ode'.

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(On behalf of the Principal Scientist)

Dated

February 17, 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.