



## 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.: 2021**
  
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,



Institute of Marine Research. P.O. Box 1870  
Nordnes. NO-5817 Bergen, Norway  
Tel/telex/fax no.: +47 93004245/+47 55906580

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**

No ports of call during cruise

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 and F-CTD, finemeshed trawls (8 and 20 mm stretched meshes, 36-500 m<sup>2</sup> mouth opening, towed at 2 knots), Mulpelt 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 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. Cruise with G.O. Sars June 2021.

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**

**Astthor Gislason, Senior Scientist. Marine and Freshwater Research Institute, Fornubúðum 5  
220 Hafnarfjörður, ICELAND.**

10. **STATE**

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

Yes, in accordance with Covid19 regulations

b) Participation of an observer from the coastal state for any part of the cruise together with the dates for embarkation and disembarkation

Yes, in accordance with 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 stateCoastal state: ICELANDPort of call: No port of callDates: 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, appearing to read 'W. M. M. M.', on a light-colored background.

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(On behalf of the Principal Scientist)

Dated

17 February, 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.