

Application for Marine Scientific Research Vessel

PART A: GENERAL

1. **NAME OF RESEARCH SHIP:** "G.O.Sars" **CRUISE NO.** 2013107

2. **DATES OF EXPEDITION:** 1 May – 14 June 2013

3. **OPERATING AUTHORITY** Institute of Marine Research
P.O.Box 1870 Nordnes
N-5024 BERGEN NORWAY

4. **OWNER OF VESSEL:**

5. **PARTICULARS OF VESSEL:**

Name: G.O. Sars
Nationality: Norwegian
Overall Length: 77,5 metres
Maximum Draft: 7,30 metres
Net Tonnage: 4067 tonnes
Propulsion: DC - Electric
Call Sign: LMEL

Registration port and number
(if registered fishing vessel)

Bergen

Telephone: +47 55906440

Telefax:: +47 55906441

E-mail: GOSars@IMR.no

Number of Crew: 15

6. **SCIENTIFIC PERSONNEL: Name and Address of Scientist in Charge:**

Webjørn Melle
Institute of Marine Research
P.O.box 1870 Nordnes
N-5024 BERGEN NORWAY

Tel/telex/fax no.: (47) 55 23 84 77 / (47) 55 23 85 31

No. of Scientists: 29

7. **GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE**

Latitude: 55 - 70° N

Longitude: 7° E -- 60° W

8. **DATES AND NAMES OF INTENDED PORTS OF CALL:**

Reykjavik: 14.05.2013, 05.06.2013

9. **ANY SPECIAL LOGISTIC REQUIREMENTS AT PORT OF CALL:**

PART B: Detail

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1. **NAME OF RESEARCH VESSEL:** "G.O.Sars"
2. **DATES OF MISSION:** 1 May – 14 June 2013
3. **PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODS:**
International cruise as part of European Union funded research project, Euro-BASIN. Trans Atlantic mission from Norway to the Labrador Sea. Research methods will be hydro acoustics, pelagic trawls, CTD and plankton sampling stations. Sighting of whales and sea birds.
4. **Attach chart showing (on and appropriate scale) the geographical area of work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment.**
- 5a. **TYPES OF SAMPLES REQUIRED:** Sea water, plankton, fish, marine mammals lipids.
- 5b. **METHODS OF OBTAINING SAMPLES:**
Water bottles, pelagic trawls, plankton nets, biopsy of whales
6. **DETAILS OF MOORED EQUIPMENT:**
No moorings
7. **EXPLOSIVES:**
 - a. Type and Trade Name:
 - b. Chemical Content:
 - c. Department of Trade, Class and Stowage:
 - d. Size:
 - e. Depth of Detonation:
 - f. Frequency of Detonation:
 - g. Position in Latitude and Longitude
 - h. Dates of Detonation:
8. **DETAILS AND REFERENCE OF:**
 - a) Any relevant previous/future missions
 - b) Any previously published research data relating to the proposed mission (attach separate sheet if necessary).
9. **NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE IN WHOSE WATERS THE PROPOSED MISSION TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE:**
Astthor Gislason
Marine Research Institute,
Skulagata 4, P.O. Box 1390,
121 Reykjavik, Iceland.
10. **STATE: ICELAND**
 - a) Whether visits to the vessel in port by scientists of the coastal state concerned will be acceptable.
Yes
 - b) Whether it will be acceptable to carry onboard an observer from the coastal state for any part of the mission and dates and ports of embarkation/disembarkation.
Yes
 - c) When research data from intended missions is likely to be made available to the coastal state and, if so, by what means.

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All data will be available in internationally open databases, e.g. PANGEA, at the end of the cruise or as soon as data analyses permits.

11. **SCIENTIFIC EQUIPMENT:**

List of all major marine scientific equipment it is proposed to use and indicate water in which it will be deployed.	Within Fishing Limits	On Continental Shelf	DISTANCE FROM COAST			
			Within 3 N.M.	Between 3-12 N.M.	Between 12-50 N.M.	Between 50-100 N.M.
CTD	YES	YES	YES	YES	YES	YES
Pelagic trawl	YES	YES	YES	YES	YES	YES
MOCNESS	YES	YES	YES	YES	YES	YES
Water sampling	YES	YES	YES	YES	YES	YES
Bathymetry	YES	YES	YES	YES	YES	YES
Towed instrumentation	YES	YES	YES	YES	YES	YES

