

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* (Old) "G.O. SARS" *CRUISE NO.* 2003008
2. *DATES OF CRUISE* From: 01/07/2003 To: 22/07/2003
3. *OPERATING AUTHORITY* Institute of Marine Research,
P.O. Box 1870 Nordnes,
N-5024 Bergen, Norway.

Telephone: +47 55238500
Facsimile: +47 55238531
Telex: 42297 OCEAN N
4. *OWNER*
(if different from No. 3)
5. *PARTICULARS OF SHIP*

<i>NAME:</i>	"G.O. SARS"
<i>NATIONALITY:</i>	Norwegian
<i>OVERALL LENGTH:</i>	70 metres
<i>MAXIMUM DRAUGHT:</i>	7,5 metres
<i>NET TONNAGE:</i>	346
<i>GROSS:</i>	
<i>PROPULSION:</i>	Diesel
<i>CALL SIGN:</i>	L L Z G
<i>VESSELS COMMUNICATION:</i>	
<i>PHONE:</i>	+8713257 15010 (Sat)
<i>FAX:</i>	+47 911 933 83
<i>REGISTERED PORT & NUMBER:</i> (if registered fishing vessel)	Bergen
6. *CREW*

<i>NAME OF MASTER:</i>	Endre Sandtorv
<i>NO. OF CREW:</i>	14
7. *SCIENTIFIC PERSONNEL*

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Else Torstensen, Institute of Marine Research, Forskningsstasjonen Flodevigen, N-4817 His, Norway.
<i>TELEPHONE:</i>	+47 37059000
<i>FAX:</i>	+47 37059001
<i>TELEX:</i>	
<i>NUMBER OF SCIENTISTS:</i>	6
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)

56deg 30'N - 62deg 00'N
02deg 00'W - 10deg 00'E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*

Acoustic survey for abundance estimation of herring and sprat. International cooperation.
Hydrographical sections

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

05 July Aberdeen, Scotland

12 July Haugesund, Norway

17 July Lerwick, Shetland

11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

No

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* (Old) "G.O. SARS" *CRUISE NO.* 2003008
2. *DATES OF CRUISE* From: 01/07/2003 To: 22/07/2003
3. a) *PURPOSE OF RESEARCH*
Acoustic abundance estimation of herring
Hydrography; international cooperation

b) *GENERAL OPERATIONAL METHODS*
(including full description of any fishing gear trawl type, mesh size, etc.)
Systematic parallel sections. Measuring fish density with echo sounders. Checking species composition and age/length distribution by hauling both on bottom and pelagic.
4. *ATTACH CHART*
(showing (on an appropriate scale) the geographical area of the intended work, positions of intended stations, tracks 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)
Water, fish and plankton

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, quantity of fish to be retained on board)
Sampling of herring and sprat by trawling. Length distribution sampling of other species. Only very small amount required. Trawling time max. 1 h.
6. *DETAILS OF MOORED EQUIPMENT*
DATES: None

<u>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, Radioactive etc)
(use separate sheet, if necessary)
None
 - a) *TYPE AND TRADE NAME*
 - b) *CHEMICAL CONTENT (& FORMULA)*
 - c) *IMO IMDG CODE REFERENCE & UN. NO.*
 - d) *QUANTITY & METHOD OF STOWAGE ON BOARD*

- e) *IF EXPLOSIVES GIVE DATE(S) OF DETONATION* None
- *Method of detonation*
 - *Position of detonation*
 - *Frequency of detonation*
 - *Depth of detonation*
 - *Size of explosive charge in Kgs*

8. *DETAIL & REFERENCE OF*

a) *ANY RELEVANT PREVIOUS/FUTURE CRUISES*

Yearly cruises since 1980

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

Survey reports

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*

John Simmonds, Marine Laboratory, Aberdeen, Scotland

Karl-Johan Stoehr, DIFRES, Copenhagen, Denmark

10. STATE

a) *WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE*

Yes

b) *PARTICIPATION OF AN OBSERVER FROM THE COASTAL STATE FOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND PORTS FOR EMBARKATION/DISEMBARKATION*

Acceptable but not needed

c) *WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS*

In September by John Simmonds, Marine Laboratory, Aberdeen

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: UK
 PORT CALL: Aberdeen and Lerwick
 DATES: 04 and 17 July 2003

11. COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE
 (indicate "Yes" or "No")

				DISTANCE FROM COAST		
				WITHIN 0 AND 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
LIST SCIENTIFIC WORK BY FUNCTION e.g. MAGNETOMETRY GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING U/W TV MOORED INSTRUMENTS TOWED INSTRUMENTS	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			
Trawling	No	No	No	No	Yes	Yes
Echo Sounding	No	No	No	No	Yes	Yes
Water sampling	No	No	No	No	Yes	Yes

(On behalf of the Principal Scientist)

Dated 17th January 2003

N.B. 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.