

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "JOHAN HJORT" CRUISE NO. 2009207

2. DATES OF CRUISE From: 13 July 2009 To: 21 July 2009

3. OPERATING AUTHORITY: Institute of Marine Research
P.O.Box 1870 Nordnes
N-5817 BERGEN NORWAY

TELEPHONE: 47-55238500

TELEFAX : 47-55238531

E-MAIL: post@imr.no

4. OWNER
(if different from
no. 3)

5. PARTICULARS OF SHIP: Name: "JOHAN HJORT"

Nationality: Norwegian

Overall length: 64.5 metres

Maximum draught: 6.4 metres

Net tonnage: 548 Gross: 1828

Propulsion: Diesel

Call sign: L D G J

Vessels communication:

Phone (Satcom): +47 55906400

Fax (Satcom): +47 55906401

Telex (Satcom C): +581(584) 425713910

Phone (GSM) 90528441

E-mail: johan.hjort@imr.no

Registration port and number

(if registered fishing vessel):

Bergen

6. CREW Name of master: Tom Ole Drange/John O. Stensønes
Number of crew: 14

7. SCIENTIFIC PERSONNEL

Name and adress of
scientist in charge: *Else Torstensen*
Institute of Marine Research
Flødevigen
N-4817 His
NORWAY

Tel/telex/fax no.: (+47)37059053/-/(+47)37059001

No. of scientists: 13

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

56°00'N - 62°00'N
02°00'E - 10°00'E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

Acoustic survey for abundance estimation of herring and sprat. Part of the ICES coordinated herring survey.

10. DATES AND NAMES OF INTENDED PORTS OF CALL

none

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

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PART B: DETAIL

1. NAME OF RESEARCH SHIP: "Johan Hjort" CRUISE NO. 2009207

2. DATES OF CRUISE From: 13 July 2009 To: 21 July 2009

3. a) PURPOSE OF RESEARCH

Acoustic survey for abundance estimation of herring and sprat. Part of the ICES coordinated herring survey.

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

Systematic parallel sections. Measuring fish density with echo sounders. Checking species composition and age/length distribution by using bottom and pelagic trawl hauls. CTD for hydrographical recordings.

4. ATTACH CHART showing (on an appropriate scale) the geographical area of intended work, tracks of survey lines.

Tracks in E-W direction with 7,5 and 15 nm apart. Pelagic trawling on acoustic traces, and if not seen any, two pelagic hauls randomly per ICES Stat sq.

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

Fish samples

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

Sampling of fish (herring, spr,) by pelagic and bottom trawls. Trawling time 30 min per haul.

6. DETAILS OF MOORED EQUIPMENT

<u>Dates</u>	<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/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 date(s) of detonation NIL

- 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

Annual cruises since the end of 1970ths

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

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

Paul Fernandes, Marine Laboratory, Aberdeen, UK

10. STATE

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

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

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

ICES PGIPS/ Paul Fernandes, Marine Laboratory, Aberdeen. Electronic means.

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: UK,

Port call: none

Dates -

Indicate "YES or "NO"

				Distance from coast		
<u>List scientific work by function</u> e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column	Fisheries research	Research concerning the natural resources of the continental shelf or its physical characteristics	Within 4 nm	Between 4-12 nm	Between 12 and 200 nm
Trawling						Yes
Echo Sounding						Yes
Water sampling						Yes



Operation Officer - Terje Hindenes

(On behalf of the principal Scientist)



Dated 19.03.2009

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.

System 3, ICES områder i Nordsjøen

