NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "JOHAN HJORT" CRUISE NO. 2006210

2. DATES OF CRUISE From: 28 June 2006 To: 4 August 2006

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

TELEPHONE: 47-55238500
TELEFAX : 47-55238531
E-MAIL: Havforskningsinstituttet@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: 15

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)37059000/-/(+47)37059001*
No. of scientists:	8

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

56°00'N - 62°00'N
02°00'W- 10 00'E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

International Bottom trawl Survey quarter 3. Acoustic survey for abundance estimation of herring, sprat and saithe. International cooperation. Recruitment indices of sandeel.
Hydrographical transsections.

10. DATES AND NAMES OF INTENDED PORTS OF CALL

About 7 July Aberdeen, Scotland
About 20 July Lerwick, Shetland

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

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NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: DETAIL

1. NAME OF RESEARCH SHIP: *"Johan Hjort"* CRUISE NO. *2006210*

2. DATES OF CRUISE From *28 June 2006* To *04 August 2006*

3. a) PURPOSE OF RESEARCH

IBTS quarter 3. Acoustic abundance estimation of herring, sprat and saithe. Recruitment indices of sandeel. Hydrography. International cooperation.

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

Systematic paralell 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 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, and quantity of fish to be retained on board

Sampling of fish by pelagic and bottom trawls. Length distribution sampling of all species. Only very small amount required. Trawling time max. 1 h.

6. DETAILS OF MOORED EQUIPMENT

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 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

Yearly cruises since 1980 and 1991.

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

Brian Harley, CEFAS Lowestoft Laboratory, UK
John Simmonds, Marine Laboratory, Aberdeen, UK
Karl-Johan Stæhr, DIFRES, Copenhagen, Denmark
Jørgen Dalskov, DIFRES, Copenhagen, Denmark

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

In September by John Simmonds, Marine Laboratory, Aberdeen. Electronic means.
By ICES.

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: *UK, and Denmark*

Port call: *Aberdeen and Lerwick*

Dates *About 07 and 20 July 2006*

Indicate "YES or "NO"

	Distance from coast

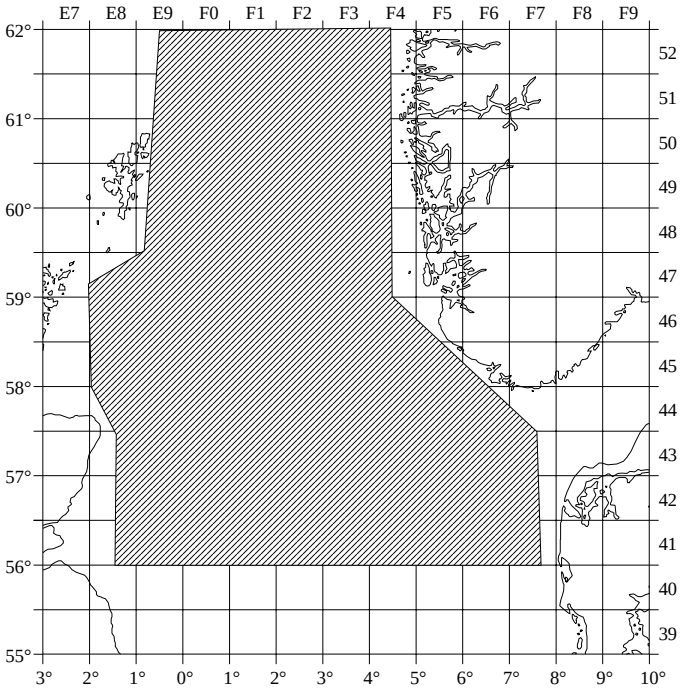
List scientific work by function e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteris-tics	Within 4 nm	Between 4-12 nm	Between 12 and 200 nm
Trawling					*Yes*	*Yes*
Echo Sounding					*Yes*	*Yes*
Water sampling					*Yes*	*Yes*

Beate E. Aardal
(On behalf of the Principal Scientist)

HAVFORSKNINGSINSTITUTTET
INSTITUTE OF MARINE RESEARCH
Rederiseksjonen / *Research Vessel Division*
P.O.Box 1870 Nordnes - N-5817 Bergen - Norway

Dated 26. April 2006.

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.


E7 E8 E9 F0 F1 F2 F3 F4 F5 F6 F7 F8 F9
62° 61° 60° 59° 58° 57° 56° 55°
52 51 50 49 48 47 46 45 44 43 42 41 40 39
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