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NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "JOHAN HJORT" CRUISE NO. 2008205

2. DATES OF CRUISE From: 12 April 2008 To: 19 May 2008

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 address of scientist in charge: | <i>Tore Johannessen Institute of Marine Research Flødevigen N-4817 His NORWAY</i> |
| Tel/telex/fax no.: | <i>(+47)37059021/-/(+47)37059001</i> |
| No. of scientists: | <i>12</i> |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)
- 52°00'N - 62°00'N
02°00'W - 10°00'E*
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE
- Acoustic survey for abundance estimation of sandeel, plankton sampling and hydrographical transects.*
10. DATES AND NAMES OF INTENDED PORTS OF CALL
- About May 2 Aberdeen, Scotland*
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL
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NOTIFICATION OF PROPOSED RESEARCH CRUISEPART B: DETAIL

1. NAME OF RESEARCH SHIP: "Johan Hjordt" CRUISE NO. 2008205
2. DATES OF CRUISE From 12 April 2008 To 19 May 2008
3. a) PURPOSE OF RESEARCH

Acoustic survey for abundance estimation of sandeel, bottom, plankton sampling and hydrographical transects.

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

Systematic parallel hydrographical transects, including sampling of zooplankton using WP2 nets and a MIC sampler. Measuring sandeel using echo sounders. Checking species composition and age/length distribution by trawling both on bottom and pelagic. Sampling sandeel buried in the bottom substrate using a modified scallop dredge and van Veen grab.

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. Sampling of buried sandeel using a modified scallop dredge (10 min. hauls) and 0.2m² van Veen grab.

6. DETAILS OF MOORED EQUIPMENT

| <u>Dates</u> | | <u>Description</u> | <u>Depth</u> | <u>Latitude</u> | <u>Longitude</u> |
|---------------|-----------------|--------------------|--------------|-----------------|------------------|
| <u>Laying</u> | <u>Recovery</u> | | | | |
| | | | | | |

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

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c) IMO IMDG code (reference and UN no.) NILd) Quantity and method of storage on board NILe) 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 OFa) Any relevant previous/future cruises*Cruise in 2006 and 2007 and plans for a similar cruise in 2009.*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

*Ewen Bell, CEFAS Lowestoft Laboratory, UK
 Peter Wright, FRS Marine Laboratory, Aberdeen, UK
 Henrik Jensen, DIFRES, Copenhagen, Denmark
 Martin Pastoors, RIVOP IJmuiden, The Netherlands
 Uli Damm, Bundesforschungsanstalt f. Fischerei, Hamburg, Germany*

10. STATEa) 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*DIFRES in Denmark has been invited to have an observer onboard during the entire cruise**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 Henrik Jensen, DIFRES, Copenhagen. Electronic means.
 By ICES.*

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: *UK, The Netherlands, Germany and Denmark*Port call: *Aberdeen*Dates *About May 2 2008*

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Indicate "YES" or "NO"

| 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 characteristics | Distance from coast | | |
|--|--|--|--|---------------------|-----------------|-----------------------|
| | | | | Within 4 nm | Between 4-12 nm | Between 12 and 200 nm |
| Trawling | | | | | | Yes |
| Echo Sounding | | | | | Yes | Yes |
| Water sampling | | | | | Yes | Yes |
| Seabed sampling | | | | | Yes | Yes |

Dated 20. December 2007.



Operation Officer - Terje Hindenes

(On behalf of the principal Scientist)



HAV- OG KYSTVERNINGSSEKTOR
 JERNVEIEN 100 • 0450 SKIEN
 Rudes postkassett / Rudes postkontor ved kysten
 P.O. Box 1270 Postboks - 8001 Lungen - Norway

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.

