

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "JOHAN HJORT" CRUISE NO. 2006115
  
2. DATES OF CRUISE From: 26.November 2006 To: 03. December 2006
  
3. OPERATING AUTHORITY: Institute of Marine Research  
P.O.Box 1870 Nordnes  
N-5024 BERGEN NORWAY  
  
TELEPHONE: 47-55238500  
TELEFAX : 47-55238531
  
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  
  
Registration port and number  
(if registered fishing vessel)  
Bergen IMO8915768  
Telephone (sat) +47 55906400  
Fax: (sat) +47 55906401
  
6. CREW Name of master: John Ola Stensønes/Tom Ole Drange  
  
Number of crew: 14

scientist in charge: Einar Svendsen/Lars Naustvoll  
Institute of Marine Research  
P.O.Box 1870 Nordnes  
N-5024 BERGEN NORWAY

Tel/fax no.: (47)55238500(8458)/55238531

No. of scientists: 3

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

56°N - 60°N, 2°W - 10°E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

Investigate distribution of temperature, salinity, nutrients, chlorophyll and plankton.

10. DATES AND NAMES OF INTENDED PORTS OF CALL

Aberdeen approx. 29 November and/or Hansthom approx. 1. December 2006

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

No

PART B: DETAIL

1. NAME OF RESEARCH SHIP: "JOHAN HJORT" CRUISE NO. 2006115
2. DATES OF CRUISE      From: 26. November 2006      To: 03. December 2006
3. a) PURPOSE OF RESEARCH  
Investigate distribution of temperature, salinity (hydrography), nutrients, chlorophyll and plankton.
- b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)  
  
Plankton nets. Hydrography and nutrients with CTD-sonde and water bottles. The main observations will be taken along the sections east west between Start Point (UK) and Utsira (Nor), east west between Aberdeen (UK) and Hanstholm (Dan) and between Hanstholm (Dan) and Oksoy (Nor).
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  
  
See chart attached.
5. a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclide).  
  
plankton, water.
- 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  
  
Plankton is sampled with WP-2 nets and Mocness. Hydrography and nutrients are based on watersamples (in addition to electronically CTD)
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)  
  
NONE

4

- 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

This is a downscaled continuation of similar surveys undertaken during the past 20 years at the same time of the year.

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

Internal survey reports. and data sent to ICES data bank

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

Bill Turrell, FRS Marine Laboratory, PO Box 101, 375 Victoria Road, Aberdeen, AB11 9DB  
Gunnir Ærtebjerg, Danmarks Miljøundersøgelser, PO Box 385, 4000 Roskilde, Danmark

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

-

Yes

c) When research data from the intended cruise is likely to be made available to the coastal state and by what means

4 months.

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: UK, DK,


Port call: Aberdeen and/or Hanstholm

Dates: About 29 November and/or 01 December 2006

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 including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteristics	Within 4 nm	Between 4-12 nm	Between 12-200 nm
Trawling	No	No	No	No	No	No
Water sampling	No	Yes	No	No	Yes*	Yes
					*near Hansthol	

*Beate E. Aadahl*  
(On behalf of the Principal Scientist)

 HAVFORSKNINGSINSTITUTTET  
INSTITUTE OF MARINE RESEARCH  
Forskningskajens 1 Research Vessel Division  
P.O.Box 1870 Nordnes - N-5817 Bergen - Norway

Dated. 04.09.2006

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.

