

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP* "Johan Hjort" *CRUISE NO.* 2005208
2. *DATES OF CRUISE* From: 04.07.2004 To: 27.07.2004
3. *OPERATING AUTHORITY* Institute of Marine Research  
P.O. Box 1870 Nordnes  
N-5817 BERGEN NORWAY  
  
Telephone: 47-55238500  
Facsimile: 47-55258531  
Telex:
4. *OWNER*  
(if different from No. 3)
5. *PARTICULARS OF SHIP*  

<i>NAME:</i>	"Johan Hjort"
<i>NATIONALITY:</i>	Norwegian
<i>OVERALL LENGTH:</i>	64.5 metres
<i>MAXIMUM DRAUGHT:</i>	6.4 metres
<i>GRT:</i>	548 net tonnage, Gross 1828
<i>PROPULSION:</i>	Diesel
<i>CALL SIGN:</i>	LDGJ
<i>TELEPHONE:</i>	+47 55906400
<i>FAX:</i>	+47 55906401
<i>REGISTERED PORT &amp; NUMBER:</i>	Bergen

*(if registered fishing vessel)*
6. *CREW*  

<i>NAME OF MASTER:</i>	Tom Ole Drange/ John O.Stensones
<i>NO. OF CREW:</i>	15
7. *SCIENTIFIC PERSONNEL*  

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Else Torstensen Institute of Marine Research Flodevigen N-4817 His Norway
<i>TEL./TELEX/FAX NO:</i>	(+47) 37059000/ (+47) 37059001
<i>NUMBER OF SCIENTISTS:</i>	6
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*

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

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

16 July Stavanger, Norway

10 July Aberdeen, Scotland

25 July Lerwick, Shetland

11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. NAME OF RESEARCH SHIP "Johan Hjort" CRUISE NO. 2005208

2. DATES OF CRUISE From: 04 July 2005 To: 21 July 2005

3. a) PURPOSE OF RESEARCH

Acoustic abundance 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 pelagic and bottom trawling. Length distribution sampling of all species. Only very small amount required. Trawling time max. 1hr.

6. DETAILS OF MOORED EQUIPMENT

DATES:

<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

None

(Chemicals, Explosives, Gases, Radioactive etc)

(use separate sheet, if necessary)

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

- 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 report

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 Stachr. 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. Electronic means.

**PART C: SCIENTIFIC EQUIPMENT**

COASTAL STATE: UK, Denmark  
PORT CALL: Aberdeen and Lerwick  
DATES: 12 and 22 July 2005

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

				DISTANCE FROM COAST		
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 CHARACTER- ISTICS	WITHIN 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
Trawling					Yes	Yes
Echo Sounding					Yes	Yes
Water Sampling					Yes	Yes

(On behalf of the Principal Scientist)

Dated: 22 April 2005

**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.**

