NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "Håkon Mosby" CRUISE NO. 2011613

2. DATES OF CRUISE From: 15 June 2011 To: 3 July 2011

3. OPERATING AUTHORITY: Institute of Marine Research
P.O.Box 1870 Nordnes
N-5024 BERGEN NORWAY

TELEPHONE: 47-55238500
TELEFAX : 47-55238531
TELEX: 42297 OCEAN N

4. OWNER
(if different from
no. 3)

5. PARTICULARS OF SHIP: Name: "Håkon Mosby"

Nationality: Norwegian

Overall length: 48 metres

Maximum draught: 4,5 metres

Net tonnage: 499

Propulsion: Diesel

Call sign: L J I T

Registration port and number
(if registered fishing vessel)
Bergen

6. CREW Name of master: _____/Jonny Karlsen

Number of crew: 11

7. SCIENTIFIC PERSONNEL

Name and adress of scientist in charge: Svein A. Iversen
Institute of Marine Research
P.O.box 1870 Nordnes
N-5024 BERGEN NORWAY

Tel/telex/fax no.: (47)55238407/(47)55238687

No. of scientists: 7

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

53°N - 62° N
02°W - 10° E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

Participate in the ICERS coordinated North Sea mackerel egg survey, together with the Netherlands, to measure the egg production as a basis for estimating the spawning stock biomass

10. DATES AND NAMES OF INTENDED PORTS OF CALL

Stavanger, 22th June 2011.

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

No.

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PART B: DETAIL

1. NAME OF RESEARCH SHIP: "Håkon Mosby" CRUISE NO. 2008601

2. DATES OF CRUISE From 15 June .-2011 To 3 July.-2011

3. a) PURPOSE OF RESEARCH

Egg survey to estimate production of mackerel eggs and thereby the spawning biomass in the North Sea

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)
Gulf plankton sampler
Pelagic trawl
CTD sonde

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.

Plankton, fish, 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

Pelagic trawl and plankton net.

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

Surveys in several years during the period 1967-2008

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

All results are for each of the surveys published in the ICES Working Group on mackerel and horse mackerel egg surveys.

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

Finlay Burns, Marine Laboratory, P.O. Box 101, AB11 9DB Aberdeen, Scotland

Jørgen Dalskov , DTU Aqua, Charlottenlund Slot, DK-2920 Charlottenlund, Denmark

Jens Ulleweit, Bundesforshungsanstalt fur Fischerei, Institut fur Seefischerei, Palmaille 9, D-22767, Hamburg, Germany

Cindy van Damme, Wageningen IMARES, Postbox 68, 1970 AB Ijmuiden, Netherlands

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

Data will be available for ICES

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: UK, Denmark, Germany, Netherlands

Port call: Stavanger

Dates: Approx 22.June. -2011

Indicate "YES or "NO"

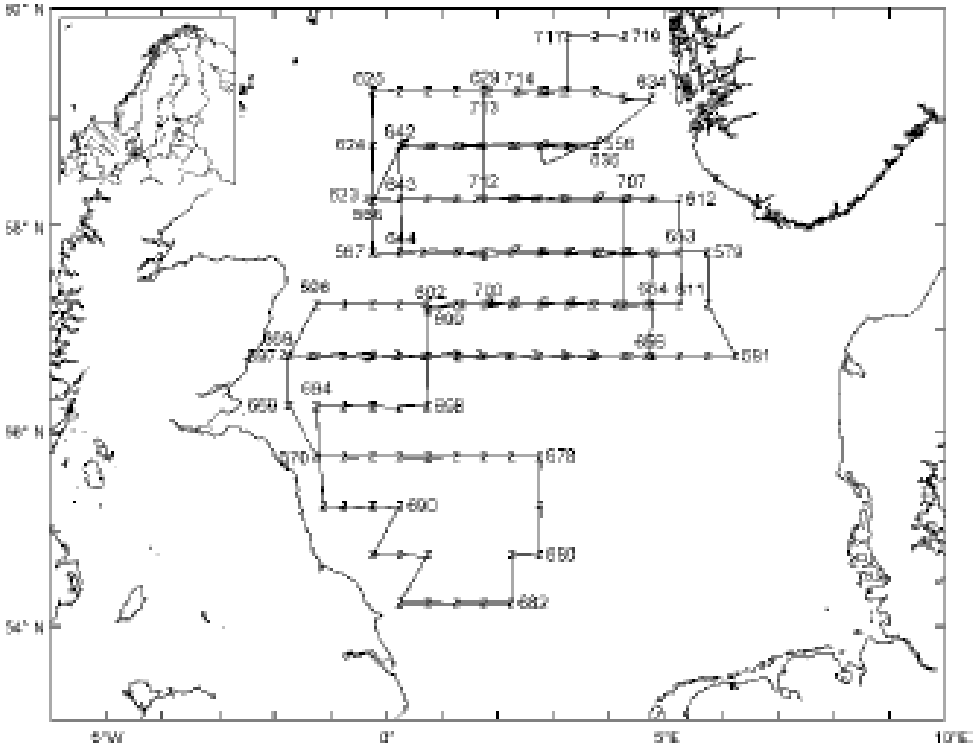
				Distance from coast		
List scientific work by function e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteris-tics	Within 4 nm	Between 4-12 nm	Between 12-200 nm
Trawling	No	No	No	No	No	Yes
Echo sounding		No	No	No	No	Yes
Water sampling		No	No	No	No	Yes
Plankton net		No	No	No	No	Yes

Operasjonsoffiser- Tom Ole Drange

(On behalf of Principal Scientist)

Dated 28.01.2011

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.



This is the survey in 2008. More or less the same stations will be collected in 2011. Depending on the southern distribution of the mackerel eggs the survey might extend north to 62° N and south to 53° N, and to 10° E.