

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: *2 hired vessels* CRUISE NO. 2006 833
M/S Libas
M/S Endre Dyrøy

2. DATES OF CRUISE From: 15.07.06 To: 06.08.06

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

TELEPHONE: 47-55 23 85 00
TELEFAX: 47-55 23 85 31
TELEX: 42297 OCEAN N

4. OWNER: *Libas: Liegruppen A/S, N-5353 Straume, Norway. Endre Dyrøy A/S, N-5350
Brattholmen, Norway.*

- 5a. PARTICULARS OF SHIP: Name M/S Libas
Nationality: Norwegian
Overall length: 94 m
Maximum draught:
Net tonnage:
Propulsion:
Call sign: *LMW1*
Communication:
Phone (Satcom B): +47 56 33 56 80
Telex (Satcom B):
Fax (Satcom B): +47 56 33 56 81
Telex (Satcom C):
Phone (GSM)
Phone Mobile
Registration port and number
(if registered fishing vessel):
Bergen

- 6a. CREW Name of master: Jon William Lic
Number of crew: 8

- 5b. PARTICULARS OF SHIP: Name M/S Endre Dyrøy
Nationality: Norwegian
Overall length: 64.0 m
Maximum draught:

Net tonnage :
Propulsion:

Call sign: *LLNU*

Communication:
Phone (Satcom B): +47 56 33 11 17

Telex (Satcom B):

Fax (Satcom B): +47 51 40 76
Telex (Satcom C):
Phone (GSM)
Phone Mobile

Registration port and number
(if registered fishing vessel):
Bergen

6b. CREW

Name of master: *Eivind Lokøy*
Number of crew: 8

7. SCIENTIFIC PERSONNEL

Name and adress of scientist in charge: *Leif Nøttestad*
Institute of Marine Research
P.O. box 1870 Nordnes
N-5024 BERGEN NORWAY

Tel/telex/fax no.: +47 55 23 85 00/42297/(47)55 23 86 87

No. of scientists: *14 (10 on one vessel and 4 on the*

other vessel)

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

62°N-72°N and 10W°-Norwegian coast.

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

Map and study the distribution and ecology of mackerel and herring using scientific sonars and echosounders, pelagic trawling, zooplankton sampling and CTD.

10. DATES AND NAMES OF INTENDED PORTS OF CALL

Vessel 1=Libas: Bergen 15.07.06 and Tromsø 06.08.06, Vessel 2=Endre Dyreøy: Bergen 15.07.06, Tromsø 06.08.06

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

None

NOTIFICATION OF PROPOSED RESEARCH CRUISEPART B: DETAIL1. NAME OF RESEARCH SHIP: *NV CRUISE NO. 2006 833*2. DATES OF CRUISE From *15.07.06* To: *06.08.06*3. a) PURPOSE OF RESEARCH

Map and study the distribution and ecology of mackerel using scientific sonars and echosounders, pelagic trawling, zooplankton sampling and CTD.

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

Pelagic mackerel trawl

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.
Fish.

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, North East Atlantic mackerel stock and Norwegian spring spawning herring, fish samples (<500 kg) will be retained onboard

6. DETAILS OF MOORED EQUIPMENT *None*

<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*

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
Norwegian surveys 2001

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

Working Holst, J.C., Bjelland, O., and Slotte, A. 2001. Distribution of mackerel in the Norwegian Sea 2001.
Document for ICES working group MHSA 2001

Comparison of Tenningen, E., Godø, O., R., Iversen, S., Slotte, A., Hjellvik, V., Torkelsen, T. 2003.
Northeast Atlantic mackerel (*Scomber scombrus*) distribution patterns in the Norwegian Sea
using lidar, sonar, and trawl. ICES CM 2003/V:04

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

Dave Reid, Marine Laboratory, P.O. Box 101, AB11 9DB Aberdeen, Scotland

Hjaltil Jacobstovi, Fiskirannsóknarstovan, P.O.Box 3051, Noatun, FO-110 Torshavn, Faroe Islands

Thorsteinn Sigurdsson, Marine Research Institute, Skulagata 4, 121 Reykjavik, Iceland

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

For further details for embarkation and disembarkation, contact Leif Nøttestad

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

The data will be reported to ICES September 2004

PART C. SCIENTIFIC EQUIPMENT

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

<u>Coastal state:</u>	<i>UK, Faroe Islands, Iceland</i>
<u>Port call:</u>	<i>Bergen, Tromsø</i>

Dates:

15.07, 06.08

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 and 200 nm
<i>Trawling</i>						<i>Yes</i>
<i>Echo sounder and sonar</i>						<i>Yes</i>
<i>CTD and Secchi</i>						<i>Yes</i>
<i>Zooplankton</i>						<i>Yes</i>

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



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

Dated 8th March 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.

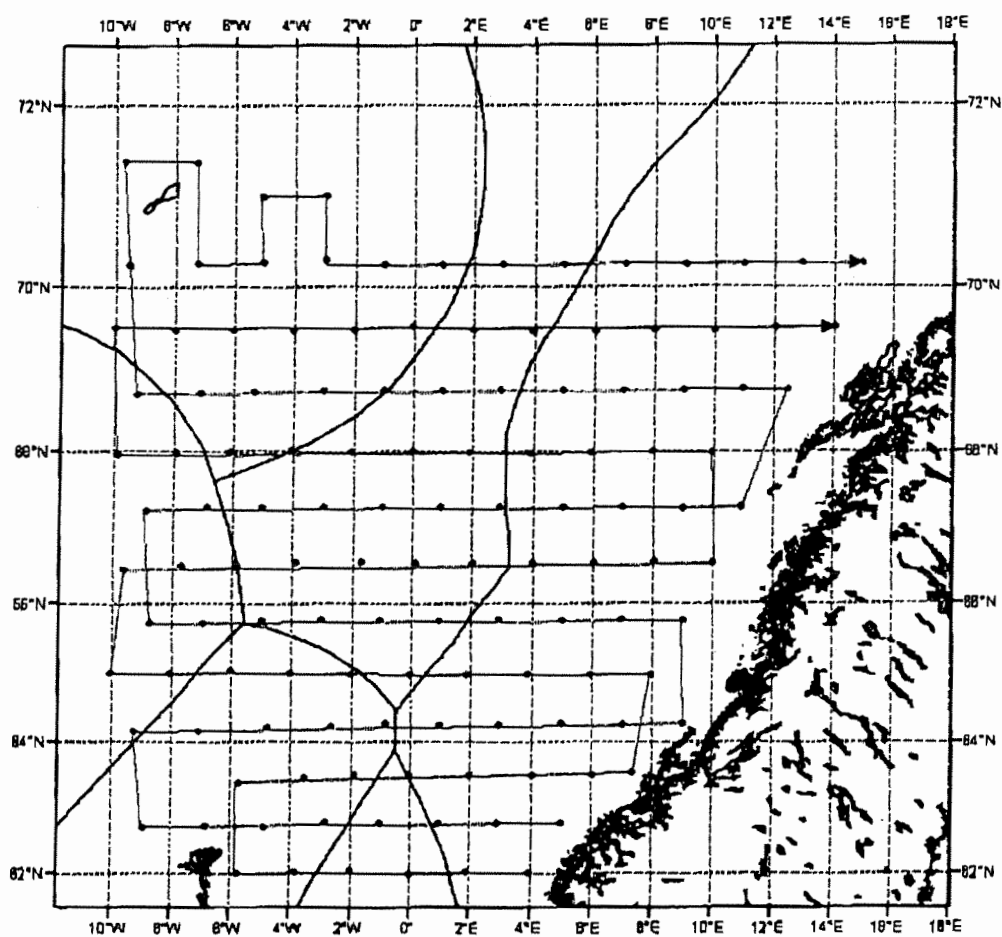


Fig 1. Planned cruise-tracks and biological and physical stations for M/S "Endre Dyrøy" and M/S "Libas" 15 July- 6 August 2006.