

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: *2 hired vessels* CRUISE NO. 2005 836
M/S Libas
M/S Møgsterbas
2. DATES OF CRUISE From: *15.07.05* To: *30.07.05*
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. Møgsterbas: Austevoll Havfiske,
5392 Storøya, 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 Lie
Number of crew: 8
- 5b. PARTICULARS OF SHIP: Name M/S Møgsterbas
Nationality: Norwegian

Overall length: 68.8 m

Maximum draught:

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Net tonnage :

Propulsion:

Call sign: *LMQI*

Communication:

Phone (Satcom B): +47 51 40 76 62

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: Jon William Lie

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.: +4755 23 85 00/42297/(47)55 23 86 87

No. of scientists: *10 (5 on each vessel)*

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

62°N-72°N and 51°W-Norwegian coast.

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

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

10. DATES AND NAMES OF INTENDED PORTS OF CALL

Vessel 1=Libax: Bergen 15.07.05 and Tromsø 30.07.04, Vessel 2 =Møgsterbas: Ålesund 15.07.05, Tromsø 30.07.07

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

None

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NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: DETAIL

1. NAME OF RESEARCH SHIP: NN CRUISE NO. 2005836

2. DATES OF CRUISE From 15.07.05 To: 30.07.05

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/scabed 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, 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>				

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- Method of detonation
- Position of detonation
- Frequency of detonation
- Depth of detonation
- Size of explosive charge in kg.

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

Tenningen, E., Godø, O., R., Iversen, S., Slotte, A., Hjellevik, V., Torkelsen, T. 2003. Comparison of 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

Hjalti Jacobstov, Fiskirannsóknarstovan, P.O.Box 3051, Noatun, FO-110 Torshavn, Faroe Islands

10. STATE
a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable
(Yes/No)

YFS

b) <u>Participation of an observer from the coastal state for any part of the cruise together with the</u>	
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

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PART C. SCIENTIFIC EQUIPMENT

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

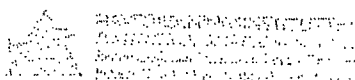
Coastal state: *UK, Faroe Islands*

Port call: *Bergen, Ålesund, Tromsø*
Dates: *15.07, 15.07, 30.07*

Indicate "YES" or "NO"

List scientific work by function	Distance from coast					
	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 and 200 nm
e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.						
<i>Trawling</i>						
<i>Echo sounder and sonar</i>						<i>Yes</i>
<i>CTD and Secchi</i>						<i>Yes</i>
<i>Zooplankton</i>						<i>Yes</i>

Colin Hill
On behalf of the Principal Scientist



Dated 8th July 2005

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.

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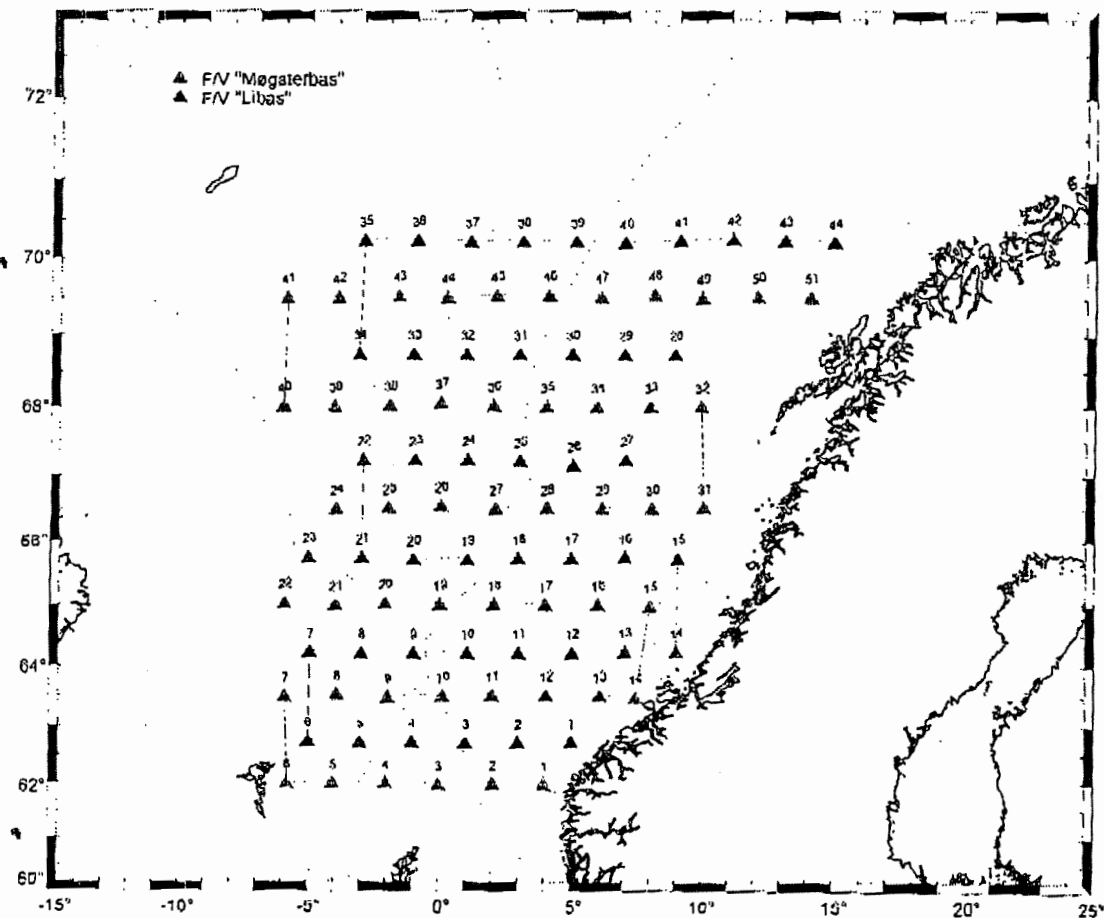


Fig 1. Planned cruise-tracks and biological and physical stations for M/S "Mogsterbas" and M/S "Libas" 15-30 July 2005.

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