NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: "Libas" CRUISE NO: 2007831

2. DATES OF CRUISE: From: 15 July 2007 To: 6 August 2007

3. OPERATING AUTHORITY: Institute of Marine Research
P.O.Box 1870 Nordnes
N-5817 BERGEN, Norway

TELEPHONE: +47 55 23 85 00
TELEFAX : +47 55 23 85 31

4. OWNER (if different from no. 3): Libas AS, Lie-gruppen AS, 5353 Straume, Norway

5. PARTICULARS OF SHIP:

Name: "Libas"		
Nationality:	Norwegian	
Overall length:	94	metres
Maximum draught:	6	metres
Net tonnage:	1313	
Propulsion:	8046 Hp	Diesel
Call sign:	LMQI	
Registration port and number (if registered fishing vessel)		Bergen H-5-F

6. CREW: Name of master: Per William Lie
Number of crew: 9

7. SCIENTIFIC PERSONNEL:

Name and address of scientist in charge:	Leif Nøttestad (project leader) Leif Nøttestad (cruise leader)
Tel/telex/fax no.:	As in # 3 above
No. of scientists:	9

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with ref. to latitude and longitude):
Norwegian Sea and surrounding areas including: EEZ UK, EEZ Faroe Island, EEZ Iceland, EEZ Greenland Sea, Denmark, EC from ca 62°N to 75°N, from 17°E to 20°W, mainly ca 15 n.miles or more off coastal areas.

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:
Ecosystem cruise with oceanography, zooplankton sampling, biological sampling of herring, mackerel, blue whiting and marine mammal sightings.

10. DATES AND NAMES OF INTENDED PORTS OF CALL:
Bodø, Norway 24 July 2007
Jan Mayen 2 August 2007
Tromsø 6 August 2007

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:
Normal supplies only (water, food, oil)

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PART B: DETAIL

1. NAME OF RESEARCH SHIP: "Libas" CRUISE NO: 2007831

2. DATES OF CRUISE: From: 15 July 2007 To: 6 August 2007

3. a) PURPOSE OF RESEARCH:
Understanding the Norwegian Sea ecosystem and especially the distribution, migration, feeding and spatial overlap of important pelagic planktivorous species in relation to hydrography, plankton and top predators.

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)
Fishing with 4 to 6 handlines, each with 6 small hooks. Tagging the fish and releasing them immediately after tagging.

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):
Areas to be fished in Irish waters, within 51°N to 56°N and 9°W to 13°W, mainly along the edge and slope of the continental shelf (ca 150-400 m depth).
In UK waters, within 56°N to 60°N and 7°W to 10°W, along the edge and slope.

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):

Fishing with pelagic trawl upon mackerel, herring and blue whiting, of which approx. 100 individuals/haul are required. Quantity of fish to be retained on board: up to 200 tonnes of mackerel, herring and blue whiting due to catch needed for biological research. Other species: nil.

6. DETAILS OF MOORED EQUIPMENT:

Dates Laying	Recovery	Description	Depth	Latitude	Longitude
None					

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

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

August/September 2007, as cruise report one for the vessels chartered by the Institute of Marine Research separately). The results will also be summarized in the report of ICES Planning Group Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys, which will meet in 14-17 August 2007.

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:

PGNAPES involved scientists from European countries

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:
Participation probably possible (cabin space may be a problem)

c) When research data from the intended cruise is likely to be made available to the coastal state and by what means:
Basic data available in Cruise report about one month after cruise.

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: U.K., Denmark (the Faroes and Greenland) and Iceland

Indicate "YES or "NO"

Port call: NO

Dates: 15 July – 6 August 2007

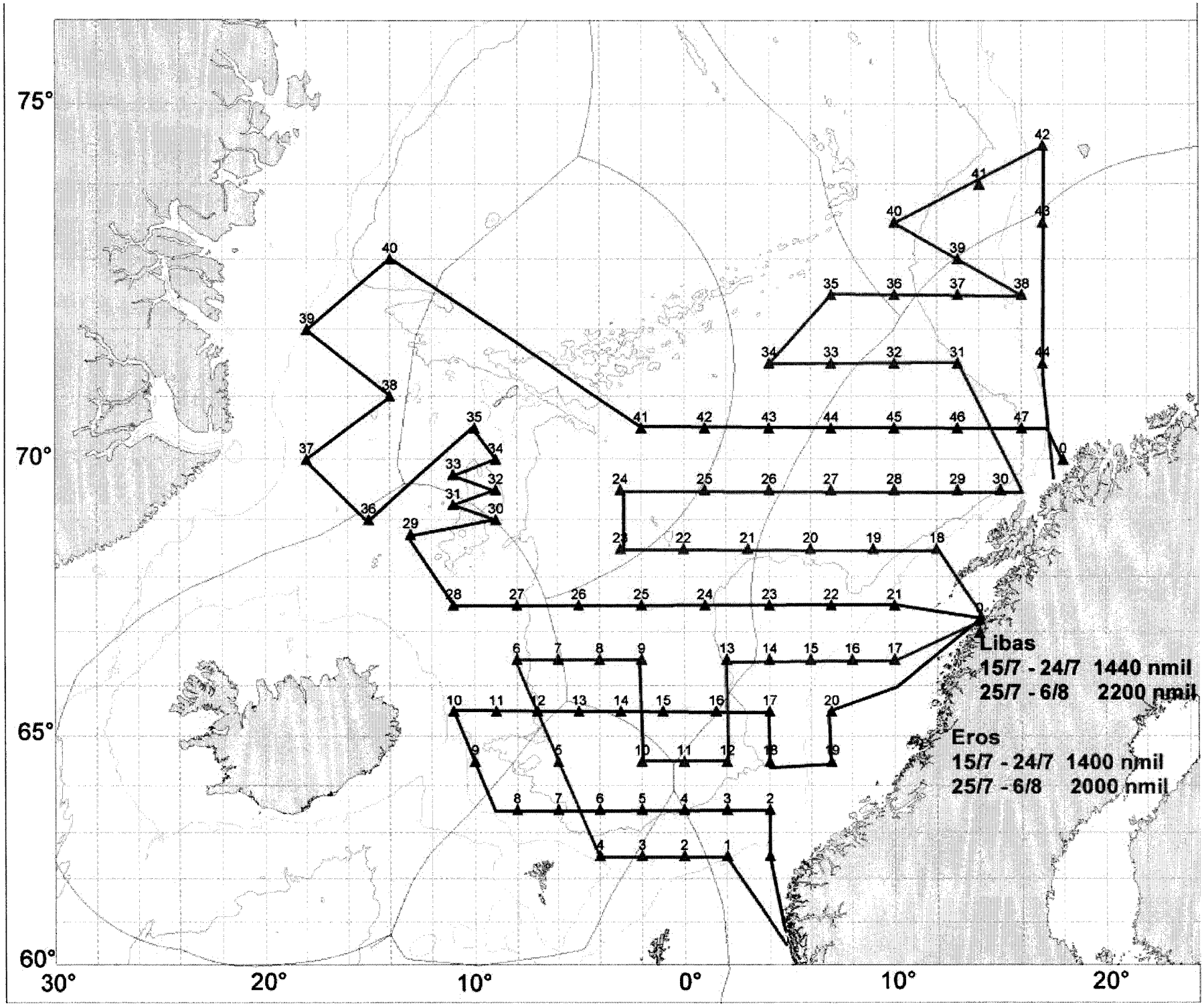
				DISTANCE FROM COAST		
List scientific work by function e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research 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	0-400m	No	No	No	No	Yes
CTD sonde	0-500 m	No	No	No	No	Yes
Echo sounding (hull mounted)	n.a.	No	No	No	No	Yes

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

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

Dated 11 May 2007

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.


75°
70°
65°
60°
30°
20°
10°
0°
10°
20°
Libas
15/7 - 24/7 1440 nmil
25/7 - 6/8 2200 nmil
Eros
15/7 - 24/7 1400 nmil
25/7 - 6/8 2000 nmil