

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF SHIP* F.S. "Alkor" AL 215
2. *DATES OF CRUISE* From: 06/01/2003 To: 22/01/2003
3. *OPERATING AUTHORITY* Institut für Meereskunde an der
Universität Kiel,
Düsternbrooker Weg 20,
D-24105 Kiel.

Telephone: (0431) 600-0
Facsimile: (0431) 600-1515
4. *OWNER*
(if different from No. 3)
5. *PARTICULARS OF SHIP*

<i>NAME:</i>	"Alkor"
<i>NATIONALITY:</i>	German
<i>OVERALL LENGTH:</i>	55,20 metres
<i>MAXIMUM DRAUGHT:</i>	3,95 metres
<i>BRT:</i>	1000 BRT
<i>PROPULSION:</i>	Diesel Electric
<i>CALL SIGN:</i>	DBND
<i>REGISTERED PORT & NUMBER:</i> (if registered fishing vessel)	
<i>TELEPHONE:</i>	INMARSAT 00870 321842910
<i>TELEFAX:</i>	INMARSAT 00870 321842911
6. *CREW*

<i>NAME OF MASTER:</i>	Jakobi
<i>NO. OF CREW:</i>	10
7. *SCIENTIFIC PERSONNEL*

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Dr. Norbert Rohlf, Institut für Meereskunde an der Universität Kiel, Düsternbrooker Weg 20, D-24015 Kiel.
<i>TEL./TELEFAX NO:</i>	0431/600-1821 0431/600-1515
<i>NUMBER OF SCIENTISTS:</i>	10
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
North Sea between 49deg 35'N and 53deg N and from 1deg 30'W - 4deg 30'E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
Plankton sampling for the Herring Larvae Survey (an Int. ICES progr.), horizontal and vertical distribution of fish larvae
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
None
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*
None

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PART B: DETAIL

1. NAME OF SHIP F.S. "Alkor" AL 215
2. DATES OF CRUISE From: 06/01/2003 To: 22/01/2003

3. a) PURPOSE OF RESEARCH

The cruise is a part of the ICES International Herring Larvae Surveys in 2003. Used gear is a plankton sampler (Nackthai). The samples are taken on a standard grid (stations 10 nm apart).

Additional sampling is intended to get information on vertical and horizontal stratification of zoo- and ichthyoplankton. For this purpose, a multiple plankton net (Messhai) and an optical sampling device (ichthyoplankton recorder IPR) is used.

b) GENERAL OPERATIONAL METHODS

(including full description of any fishing gear trawl type, mesh size, etc.)

Plankton samples by "Nackthai" aperture 20 cm, mesh size 300 micron and by "Messhai" opening 25x25 cm, mesh size 300 micron and by IPR opening 19.5 cm and mesh size 300 micron.

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)

See attached chart

5. a) TYPES OF SAMPLES REQUIRED

(e.g. Geological/Water/Plankton/Fish/Radionuclide)

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, quantify of fish to be retained on board)

oblique tows with plankton-samplers from surface to near bottom

6. DETAILS OF MOORED EQUIPMENT

DATES: None

<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

(Chemicals, Explosives, Gases, Radioactive etc)
(use separate sheet, if necessary)

None

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*

The cruise is a part of the International Herring Larvae Surveys, which have been carried out annually since 1967.

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

All data are published yearly by the ICES in "Report of the Herring Larvae Surveys in the North Sea" 2002/2003

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*

Dr. J. Simmonds, Marine Laboratory, Aberdeen
G. Eltink, RIVO, Netherlands

10. *STATE*

a) *WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE*

No port call

b) *PARTICIPATION OF AN OBSERVER FROM THE COASTAL STATE FOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND PORTS FOR EMBARKATION/DISEMBARKATION*

No port call

c) *WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS*

The data are available to all states which are members of ICES

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: United Kingdom

PORT CALL: No port call

DATES: 06/01/2003 - 22/01/2003

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

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	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	CONTINENTAL SHELF WORK ONLY BEYOND 200 NM, BUT WITHIN CONTINENTAL MARGIN
Nackthai, Plankton sampler	No	Yes	No	Yes	Yes	Yes
Messhai, Plankton sampler	No	Yes	No	Yes	Yes	Yes
Ichthyoplankton recorder	No	Yes	No	Yes	Yes	Yes

(On behalf of the Principal Scientist)

Dated: 16 September 2002

**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.**

Akor cruise 215
05.01. - 22.01.03
proposed station grid

