

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. NAME OF SHIP: F.S. "ALKOR" Cruise No. 271
2. DATES OF CRUISE: FROM: 04.01.06 TO: 22.01.06
3. OPERATING AUTHORITY: Leibniz-Institut für Meereswissenschaften an der Universität Kiel  
Düsternbrooker Weg 20  
24105 KIEL, Germany  
Phone: +49-431-600 - 4161 / 1542  
Fax +49-431-600 - 4152 / 1515  
E-Mail: tmueller@ifm-geomar.de

4. OWNER:

(if different from para 3)

5. PARTICULARS OF SHIP:
- |                                     |                           |
|-------------------------------------|---------------------------|
| <u>NAME</u>                         | <b>ALKOR</b>              |
| <u>Nationality</u>                  | German                    |
| <u>OVERALL LENGTH</u>               | 55,20 m                   |
| <u>MAXIMAL DRAUGHT</u>              | 3,95 m                    |
| <u>BRT</u>                          | 1000 BRT                  |
| <u>PROPULSION</u>                   | Diesel Electric           |
| <u>CALL SIGN</u>                    | DBND                      |
| <u>IMO no.</u>                      | 8905880                   |
| <u>MMSI no.</u>                     | 211216570                 |
| <u>PHONE INMARSAT</u>               | +870 3218 429 10          |
| <u>FAX INMARSAT</u>                 | +870 3218 429 11          |
| <u>E-Mail</u>                       | master.alkor@telaurus.net |
| <u>REGISTERED PORT &amp; NUMBER</u> | Kiel, Germany             |

(if registered fishing vessel)

6. CREW: NAME OF MASTER: Jan Lass  
NUMBER OF CREW: 10

7. SCIENTIFIC PERSONNEL:

NAME & ADDRESS OF SCIENTIST IN CHARGE

Dr. Norbert Rohlf  
Leibniz-Institut für Meereswissen-  
schaften an der Universität Kiel  
Düsternbrooker Weg 20  
D 24105 Kiel

TEL./TELEFAX No. +49 431 600 1821 +49 431 600 1800

NUMBER OF SCIENTISTS: 8

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in latitude and longitude): *North Sea between 49°35'N and 53° N and from 01°30'W to 04°30'E*

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

*Plankton sampling for the International Herring Larvae Survey (an Int. ICES progr.) and for an ICES co-ordinated cod and plaice egg survey. Horizontal and vertical distribution of fish egg and larvae.*

10. DATES AND NAMES OF INTENDED PORTS OF CALL: None
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: None

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. NAME OF RESEARCH SHIP F.S. **ALKOR**
2. DATES OF CRUISE FROM 04.01.06 TO 22.01.06
3. a) PURPOSE OF RESEARCH

*The cruise is part of the ICES International Herring Larvae Surveys in 2005/2006, used gear is a plankton sampler ("Nackthai"), the samples are taken on a standard grid (Stations are 10 nm apart). Additional sampling is planned to map the distribution and abundance of cod and plaice eggs in the southern North Sea for a new initiated ICES survey. Stations will be the same as for the Herring Larvae Survey, used gear is a plankton sampler (Nackthai or Bongo). Additional sampling is intended to get informations on vertical and horizontal stratification of zoo- and ichthyoplankton. For this purpose an optical sampling device is used (Ichthyoplanktonrecorder IPR).*

- b) GENERAL OPERATIONAL METHODS (including full description of any fishing geartrawl type, mesh size etc)

*Planton samples by "Nackthai" aperture 20 cm, mesh size 300 micron and by IPR opening 19,5 cm and mesh size 200 micron. Bongo aperture 60 cm, mesh size 500 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 wquipment, 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, quantity of fish to be retained on board)

*double oblique tows with plankton-samplers from surface to near bottom. Undulating tows with IPR.*

6. DETAILS OF MOORING EQUIPMENT: None

### DATES

<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 MATERIAL (Chemicals, explosives, gases, radioactive, etc): *None*

(use separate sheet if necessary)

- (a) TYPE and TRADE NAME
- (b) CHEMICAL CONTENT (& FORMULA)
- (c) IMO IMDG CODE Reference and Un No.
- (d) QUANTITY & METHODS 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 Kg

8. DETAIL & REFERENCE OF:

(a) ANY RELEVANT PREVIOUS / FUTURE CRUISES:

*The cruise is part of the International Herring Larvae Surveys which have been carried out annually since 1972.*

(b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATIG TO THE PROPOSED CRUISE:

*All data are published yearly by the ICES in "Report of the Herring Assessment Working Group for the Area South of 62°N".*

9. NAMES AND ADDRESS OF SCIENTIST WITH WHOM PREVIOUS CONTACT HAS BEEN MADE:

*Dr. John Simmonds, Marine Lab. Aberdeen*

10. STATE

(a) WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE WILL BE ACCEPTABLE:

YES/NO: *There is no plan to call a port. If the vessel will call a harbour, Scientists of the state concerned are welcome.*

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

DISEMBARKATION: *There is no plan to call a port. If observers want to participate in the cruise or parts of it, prior contact to the Leibniz-Institute or the cruise leader would be helpful to ensure that ports will be included in the cruise for embarkation/disembarkation.*

(c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE:

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

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE:

United Kingdom

PORT CALL:

No port of call

DATES:

04.01.-22.01.2006

11. COMPLETE THE FOLLOWING TABLE  
- separate page for **each** coastal state

(indicate 'YES' or 'NO')

			DISTANCE FROM COAST			
List of all major Marine Scientific Equipment it is proposed to use and indicate waters in which it will be deployed.	Fisheries Research Within Fishing Limits	Research concerning Continental Shelf out to coastal state's margin	Within 3 NM	Between 3 - 12 NM	Between 12 - 50 NM	Between 50 - 200 NM
Nackthai with CTD, towed plankton-sampler, water column only	yes	no	yes	yes	yes	yes
Bongo, towed plankton-sampler, water column only	yes	no	yes	yes	yes	Yes
Ichthyoplanktonrecorder, towed optical plankton sampler, water column only	yes	no	yes	yes	yes	yes



**IFM-GEOMAR**

Leibniz-Institut für  
Meereswissenschaften  
Forschungsschiffe  
Düsternbrooker Weg 20  
24105 Kiel

(On behalf of the Principal Scientist)

Dated: 01.09.2005

*i. a.*

N.B. IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES / AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED THE COASTAL STATE'S AUTHORITIES MUST BE NOTIFIED IMMEDIATELY.

ALKOR # 271  
04.01. – 22.01.06  
proposed station grid

