

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

## PART A: GENERAL

1. NAME OF SHIP: F.S. "ALKOR" Cruise No. 311  
 2. DATE OF CRUISE: FROM: 03.01.2008 TO: 20.01.2008

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  
 E-mail: [forschungsschiffe@ifm-geomar.de](mailto:forschungsschiffe@ifm-geomar.de)

4. OWNER:  
 (if different from para 3)

5. PARTICULARS OF SHIP:

<u>NAME</u>	ALKOR
<u>Nationality</u>	German
<u>OVERALL LENGTH</u>	55,20 m
<u>MAXIMAL DRAUGHT</u>	3,95 m
<u>NETTONAGE</u>	1000 BRT
<u>PROPULSION</u>	Diesel Electric
<u>CALL SIGN</u>	DBND
<u>IMO no.</u>	8905880
<u>MMSI no.</u>	211 216 570
<u>PHONE INMARSAT</u>	+870-764 549 982
<u>FAX INMARSAT</u>	+870-764 549 984
<u>e-mail</u>	<a href="mailto:master.alkor-b@skyfile.de">master.alkor-b@skyfile.de</a>
<u>REGISTERED PORT &amp; NUMBER</u>	Kiel, Germany

(if registered fishing vessel)

6. CREW: NAME OF MASTER: Jan-Peter Lass  
NUMBER OF CREW: 11

7. SCIENTIFIC PERSONNEL: Dr. Jörn Schmidt  
NAME & ADDRESS OF SCIENTIST IN CHARGE Leibniz-Institut für Meereswissenschaften  
 an der Universität Kiel  
 Düsternbrooker Weg 20  
 D 24105 Kiel  
TEL./TELEFAX No. +49 431 600 4557 +49 431 600 4553  
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 program.). 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 03.01.2008 TO 20.01.2008
3. a) PURPOSE OF RESEARCH

*The cruise is part of the ICES International Herring Larvae Surveys in 2007/2008, used gear is a plankton sampler ("Nackthai"), the samples are taken on a standard grid (Stations are 10 nm apart). Used gear is a plankton sampler (Nackthai or Bongo). Additional sampling is intended to get information on the vertical and horizontal distribution of zoo- and ichthyoplankton. For this purpose an optical sampling device is used (Ichthyoplanktonrecorder IPR). For Biochemical analysis, i.e. the condition of herring larvae, additional sampling will be performed with the Bongo net on some stations.*

- 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 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 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, 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*

*Dr. Paul Fernandes, 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 EQUIPMENTCOASTAL STATE:

United Kingdom

PORT CALL:

No port of call

DATES:

03.01.-20.01.2008

## 11. COMPLETE THE FOLLOWING TABLE

- separate page for each coastal state

(indicate 'YES' or 'NO')

LIST SCIENTIFIC WORK BY FUNCTION, eg: MAGNETOMETRY GRAVITY OLIVING SEISMICS BATHYMETRY SEABED SAMPLING ECHO SOUNDING WATER SAMPLING U/W T.V. MOORED INSTRUMENTS TOWED INSTRUMENTS	WATER COLUMN INCLUDING SEDIMENT SAMPLING OF THE SEABED	FISHERY RESEARCH WITHIN FISHING LIMITS	RESEARCH CONCERNING THE NATURAL RESOURCES OF THE CONTINENTAL SHELF OR ITS PHYSICAL CHARACTERI- STICS	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY)  BEYOND 200 NM BUT WITHIN CONTINANTAL MARGIN
Nackthai, Towed Planktonsampler	no	yes	no	yes	yes	yes
Bongo, Towed Planktonsampler	no	yes	no	yes	yes	yes
Ichthyoplanktonrecorder Towed optical plankton sampler	no	yes	no	yes	yes	yes

(On behalf of the Principal Scientist)

Dated: 8<sup>th</sup> August 2007

Operating Authority:

**IFM-GEOMAR**

Leibniz-Institut für

Meereswissenschaften

Forschungsschiffe

Düsternbrooker Weg 20

24105 Kiel

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.

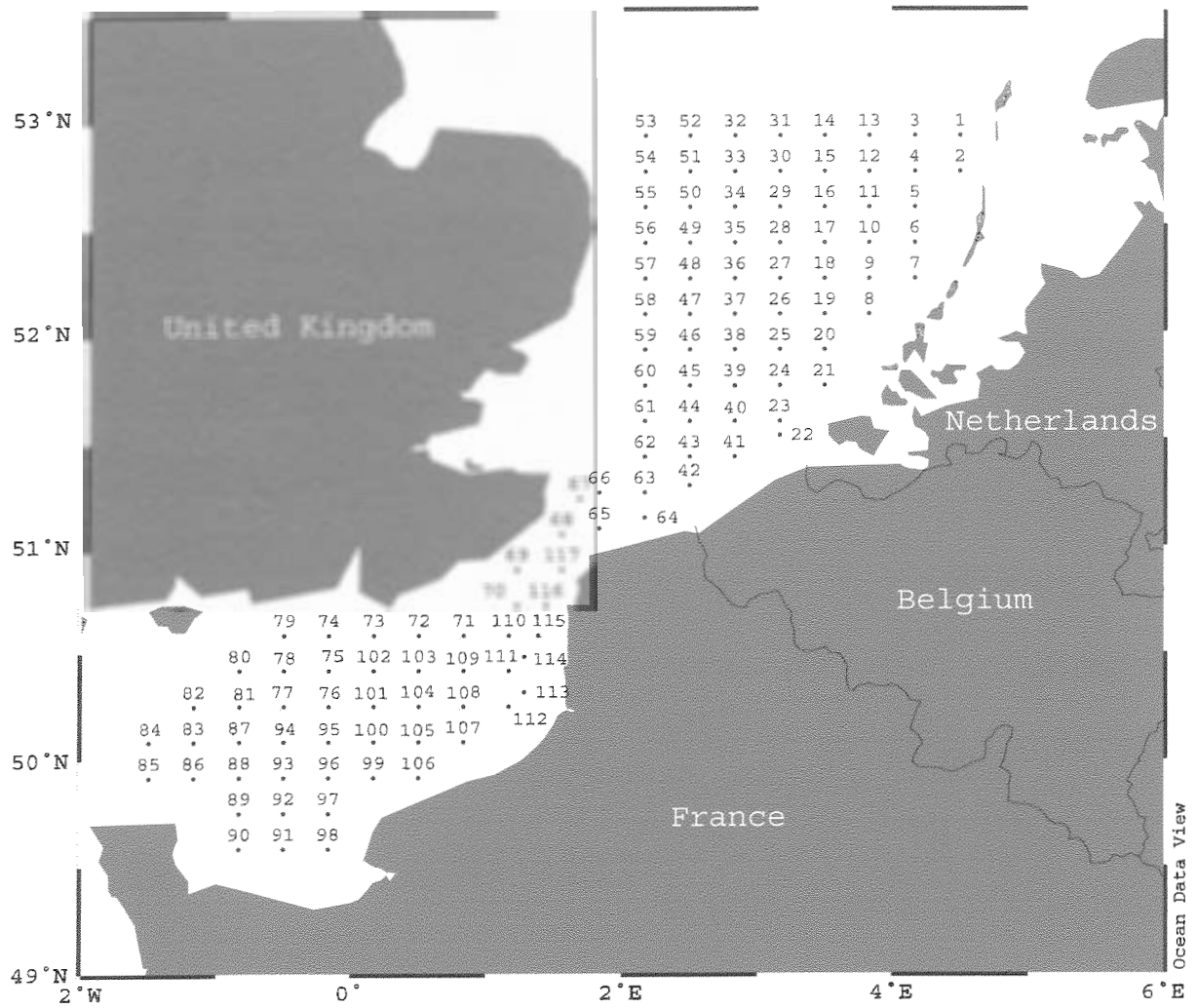


Figure 1. Proposed station grid in the Southern North Sea and the Channel