

UK

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

- 1. NAME OF SHIP: FFS "Walther Herwig III" Cruise No. 340
- 2. DATES OF CRUISE: FROM: 03.01.11 TO: 15.01.11
- 3. OPERATING AUTHORITY: Bundesanstalt für Landwirtschaft und Ernährung, Referat 524
Haubachstraße 86
22765 Hamburg, Germany
Phone: +49-40-306860-535
Fax +49-40-306860-60
- 4. OWNER: Bundesrepublik Deutschland

(if different from para 3)

- 5. PARTICULARS OF SHIP:

<u>NAME</u>	FFS "Walther Herwig III"
<u>Nationality</u>	Federal Republic of Germany
<u>OVERALL LENGTH</u>	64,50 m
<u>MAXIMAL DRAUGHT</u>	6,20 m
<u>NETTONAGE</u>	639
<u>PROPULSION</u>	Diesel Electric
<u>CALL SIGN</u>	DBFR
<u>PHONE INMARSAT</u>	+870 763 936 068
<u>FAX INMARSAT</u>	+870 600 365 043

REGISTERED PORT & NUMBER

(if registered fishing vessel)

- 6. CREW:
 - NAME OF MASTER: J. Vandrei or deputy
 - NUMBER OF CREW: 21
- 7. SCIENTIFIC PERSONNEL: Dr. Norbert Rohlf
- NAME & ADDRESS OF SCIENTIST IN CHARGE
 - vTI – Institut für Seefischerei
 - Palmaille 9
 - D-22767 Hamburg
 - TEL//TELEFAX No. +49 40 38905 166/ +49 40 38905 263
 - NUMBER OF SCIENTISTS: 12

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 Surveys (an International ICES coordinated research programme) and for the abundance of plaice and other fish eggs.

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 RESEARCH SHIP FFS "Walther Herwig III" Cruise No. 340

2. DATES OF CRUISE FROM 03.01.11 TO 15.01.11

3. a) PURPOSE OF RESEARCH

The cruise is part of the ICES International Herring Larvae Surveys in 2010/2011. The programme focus on the abundance and spatial distribution of herring and other fish larvae. Used gear is a plankton sampler ("Nackthai", modified Gulf III sampler). All samples are taken on a standard grid, where stations are 10 nm apart.

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.

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.

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 annually in ICES "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. Emma Hatfield, 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 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:

none

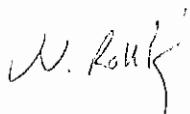
DATES:

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 CHARACTERISTICS	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN CONTINENTAL MARGIN
Nackthai, Towed Plankton sampler	no	yes	no	yes	yes	yes



(Dr. Norbert Rohlf)

Dated: 02.09.2010

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.

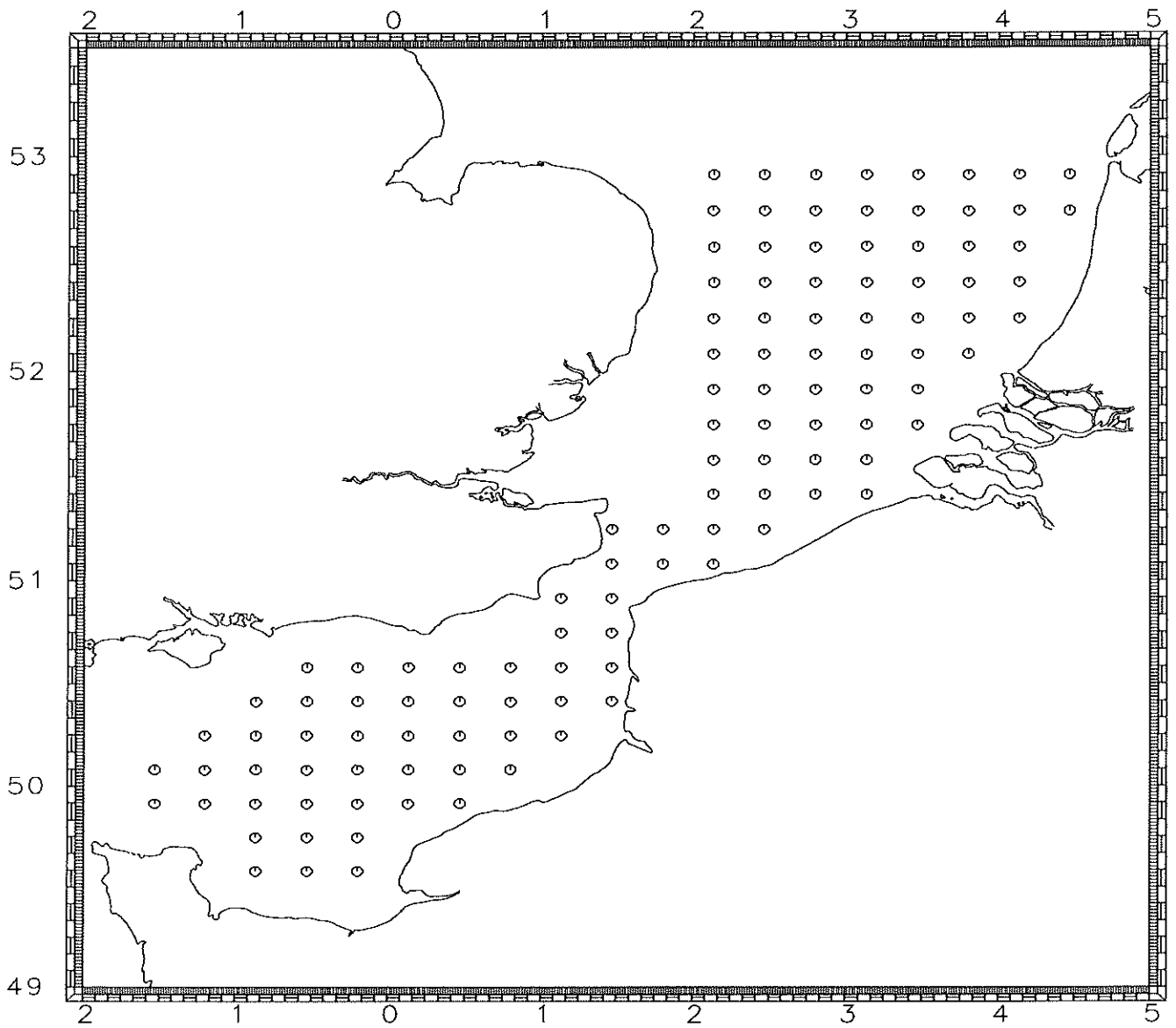


Figure 1: proposed station grid RV „Walther Herwig III“, 03.01.-15.01.11