

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP* "Walther Herwig III" *CRUISE NO.* 261
2. *DATES OF CRUISE* From: 24<sup>th</sup> Feb 2004 To: 9<sup>th</sup> Mar 2004
3. *OPERATING AUTHORITY* Bundesanstalt für Landwirtschaft und Ernährung  
Ref. 522  
Palmaille 9, 22767 Hamburg (Germany)  
  
Telephone: +49 (0)40 38905 171  
Facsimile: +49 (0)40 38905 128  
Telex: 214 763 ble d
4. *OWNER* Federal Republic of Germany  
(if different from No. 3)
5. *PARTICULARS OF SHIP*

<i>NAME:</i>	RV Walther Herwig III
<i>NATIONALITY:</i>	German
<i>OVERALL LENGTH:</i>	64.50 metres
<i>MAXIMUM DRAUGHT:</i>	6.20 metres
<i>GRT:</i>	639 tonnes
<i>PROPULSION:</i>	Diesel/Diesel Electric
<i>CALL SIGN:</i>	D B F R
<i>TELEPHONE:</i>	
<i>FAX:</i>	
<i>REGISTERED PORT &amp; NUMBER:</i>	
(if registered fishing vessel)	
6. *CREW*

<i>NAME OF MASTER:</i>	Hartmann or deputy
<i>NO. OF CREW:</i>	21
7. *SCIENTIFIC PERSONNEL*

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Dipl. Biol. Michael Vobach BFAFi - IFÖ Palmaille 9 22767 Hamburg (Germany)
<i>TEL./TELEX/FAX NO:</i>	+49 (0)40 38905 245 +49 (0)40 38905 261
<i>NUMBER OF SCIENTISTS:</i>	12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*  
(with reference to latitude and longitude)

51°50'N – 55°12'N, 02°20'E - 08°00'E

9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*

Investigations on occurrence and abundance of fish embryos (pelagic) in the water column; studies on maturity of adult fishes.

10. *DATES AND NAMES OF INTENDED PORTS OF CALL*

No ports.

11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

No

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. *NAME OF RESEARCH SHIP* Walther Herwig III *CRUISE NO.* 261

2. *DATES OF CRUISE* From: 24<sup>th</sup> Feb 2004 To: 9<sup>th</sup> Mar 2004

3. a) *PURPOSE OF RESEARCH*

Investigations on occurrence and abundance of fish embryos (pelagic) in the water column; studies on maturity of fishes.

b) *GENERAL OPERATIONAL METHODS*

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

Bottom trawling

Pelagic hauls

GOV + 140' bottom trawl

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)

Attached

5. a) *TYPES OF SAMPLES REQUIRED*

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

Helgoländer Planktonnetz 500µm mesh size, 1m front opening

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)

Pelagic hauls

Bottom trawling

6. *DETAILS OF MOORED EQUIPMENT*

*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 MATERIALS*

(Chemicals, Explosives, Gases, Radioactive etc)

(use separate sheet, if necessary)

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*

249. "Walther Herwig III" 26<sup>th</sup> Feb – 12<sup>th</sup> Mar 2003

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

In preparation

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. A.R.D Stebbing, Plymouth Marine Laboratory, Plymouth UK  
Dr. R. Stagg, Marine Laboratory, Aberdeen UK.

10. STATE

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

Yes

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

24<sup>th</sup> Feb 2004 Bremerhaven for embarkation/ 9<sup>th</sup> Mar 2004 Bremerhaven for disembarkation.

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

Data will be presented to the International Council for the Exploration of the Sea and will be available afterwards.

**PART C: SCIENTIFIC EQUIPMENT**

COASTAL STATE: UK

PORT CALL:

DATES: .

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

				DISTANCE FROM COAST		
				WITHIN 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
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 CHARACTERISTICS			
Pelagic hauls	Between	Yes	No	No	No	Yes
Bottom trawl	surface and	Yes	No	No	No	Yes
Water samples	bottom	Yes	No	Yes	Yes	No

(On behalf of the Principal Scientist)

Dated: 27<sup>th</sup> October 2003

**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.**

