

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP*    Walther Herwig III                      *CRUISE NO.* 249
2. *DATES OF CRUISE*                      From: 26/02/2003                      To: 12/03/2003
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*  
(if different from No. 3)                      Federal Republic of Germany
5. *PARTICULARS OF SHIP*                      *NAME:*                                      RV Walther Herwig III  
*NATIONALITY:*                              German  
*OVERALL LENGTH:*                              64.50 m  
*MAXIMUM DRAUGHT:*                              6.20 m  
*NET TONNAGE:*                                      639  
*PROPULSION:*                                      Diesel/Diesel Electric  
*CALL SIGN:*                                      D B F R  
*REGISTERED PORT & NUMBER:*  
(if registered fishing vessel)
6. *CREW*                                      *NAME OF MASTER:*                              Hartmann or deputy  
*NO. OF CREW:*                                      21
7. *SCIENTIFIC PERSONNEL*                      *NAME AND ADDRESS OF*                      Dipl.-Biol. Michael Vobach  
*SCIENTIST IN CHARGE:*                      BFAFi - Institut für Seefischerei,  
Palmaille 9,  
22767 Hamburg (Germany).  
  
*TELEPHONE NO:*                                      +49 (0)40 38905 245  
*TELEFAX NO:*                                      +49 (0)40 38905 261  
  
*NUMBER OF SCIENTISTS:* 12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*  
(with reference to latitude and longitude)  
  
51deg 50'N - 55deg 12'N  
002deg 20'E - 008deg 00'E (see map and table attached)
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*  
  
None

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. *NAME OF RESEARCH SHIP*    Walther Herwig III                      *CRUISE NO.*    249
2. *DATES OF CRUISE*                      From: 26/02/2003                      To: 12/03/2003
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.)  
Pelagic hauls  
Bottom trawling  
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)  
See attached chart
5. *a) TYPES OF SAMPLES REQUIRED*  
(e.g. Geological/Water/Plankton/Fish/Radionuclide)  
Helgolander Planktonnetz 500 um mesh size, 1 m 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:* 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*

226 "Walther Herwig III" 24/02/2001 to 10/03/2001

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*

26/02/2003 Bremerhaven for embarkation and 12/03/2003 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: None  
 DATES:

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 CHARACTERISTICS	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY)  BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
Pelagic hauls	between surface & bottom	Yes	No	No	No	Yes
Bottom trawl	between surface & bottom	Yes	No	No	No	Yes
Water samples	between surface & bottom	Yes	No	Yes	Yes	No

(On behalf of the Principal Scientist)

Dated 07<sup>th</sup> November 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.**

