

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* FFS Walther Herwig III *CRUISE NO.* 255
2. *DATES OF CRUISE* From: 25/08/2003 To: 09/09/2003
3. *OPERATING AUTHORITY* Bundesanstalt fr Landwirtschaft und Ern hrung,
Referat 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:* FFS 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* Dr. Thomas Lang,
SCIENTIST IN CHARGE: BFAFi - IFO,
Deichstr. 12,
27472 Cuxhaven (Germany).

TELEPHONE NO: +49 (0) 4721 38034
TELEFAX NO: +49 (0) 4721 53583

NUMBER OF SCIENTISTS: 12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
52deg 50'N - 56deg 50'N / 02deg 10'W - 14deg 38'E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
Investigations on the occurrence of fish diseases and biological effects of contaminants,
OSPARCOM and HELCOM monitoring.
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
None
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* FFS Walther Herwig III *CRUISE NO.* 255

2. *DATES OF CRUISE* From: 25/08/2003 To: 09/09/2003

3. *a) PURPOSE OF RESEARCH*

Investigations on the occurrence of fish diseases and biological effects of contaminants, OSPARCOM and HELCOM monitoring. Bottom trawling, water and sediment sampling.

b) GENERAL OPERATIONAL METHODS

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

Bottom trawl, pelagic trawl, water samples, coring

GOV with rock hopper, 140' bottom trawl, PSN 205 pelagic 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)

Fish and benthos samples

Water samples

Sediment samples

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)

Fishing: dab, cod, herring, plaice, haddock, not more than 200 species per station

Coring

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) <i>TYPE AND TRADE NAME</i> | Formaldehyde | Ethyl alcohol | liquid nitrogen |
| b) <i>CHEMICAL CONTENT (& FORMULA)</i> | aqueous solution of, 4,5%
CH ₂ O+H ₂ O | a.s. of, 70%
C ₂ H ₅ OH | Nitrogen
N ₂ |
| c) <i>IMO IMDG CODE REFERENCE & UN. NO.</i> | 9/2209 | 3.2/1170 | 2/3a/1977 |
| d) <i>QUANTITY & METHOD OF STOWAGE ON BOARD</i> | 22kg/20litre
laboratory
container | 11kg/10litre
laboratory
glass bottles | 108,4/66,9kg
storage -40dC
pressure
container |
- 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*

242. Walter Herwig III 22.08. - 06.09.2002

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. S. Feist, CEFAS, Weymouth, UK

Dr. J. Thain, CEFAS, Burnham, UK

Dr. A. McIntosh, FRD 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*

Participation is not possible because accommodation is not available.

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 the EU, and will be available afterwards.

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE:
 PORT CALL:
 DATES:

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

				DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
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			

(On behalf of the Principal Scientist)

Dated

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.