

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* FRV Walther Herwig III *CRUISE NO.* WH 258
2. *DATES OF CRUISE* From: 04/12/2003 To: 22/12/2003
3. *OPERATING AUTHORITY* Bundesanstalt fr Landwirtschaft und Ernahrung,
Ref. 522,
Palmaille 9,
22767 Hamburg,
Germany.

Telephone: +4940 38905 171
Facsimile: +4940 38905 128
Telex: 214 763 ble d
4. *OWNER*
(if different from No. 3) Federal Republic of Germany
5. *PARTICULARS OF SHIP* *NAME:* Walther Herwig III
NATIONALITY: German
OVERALL LENGTH: 64.5 metres
MAXIMUM DRAUGHT: 6.2 metres
NET TONNAGE: 639
PROPULSION: Diesel/Diesel Electric
CALL SIGN: DBFR
REGISTERED PORT & NUMBER:
(if registered fishing vessel)
6. *CREW* *NAME OF MASTER:* W. Hartmann or deputy
NO. OF CREW: 21
7. *SCIENTIFIC PERSONNEL* *NAME AND ADDRESS OF
SCIENTIST IN CHARGE:* Dr. Thomas Lang,
BFAFi - IFO,
Deichstr. 12,
27472 Cuxhaven,
Germany.

TEL./TELEX/FAX NO: +49 (0)4721 38034/53583

NUMBER OF SCIENTISTS: 12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
53deg 20'N - 58deg 00'N / 02deg 10'W - 32deg 00'E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
Investigations on the occurrence of fish diseases and biological effects of contaminants,
OSPARCOM and HELCOM monitoring, EU-funded project 'Biological Effects of Environmental
Pollution in Marine Coastal Ecosystems' (BEEP).
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
Kiel, Germany
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*
No

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* FRV Walther Herwig III *CRUISE NO.* WH 258

2. *DATES OF CRUISE* From: 04/12/2003 To: 22/12/2003

3. *a) PURPOSE OF RESEARCH*

Investigations on the occurrence of fish diseases and biological effects of contaminants, OSPARCOM and HELCOM monitoring, EU-funded project 'Biological Effects of Environmental Pollution in Marine Coastal Ecosystems' (BEEP), 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)

a) TYPE AND TRADE NAME
nitrogen

Formaldehyde

Ethyl alcohol

Liquid

b) CHEMICAL CONTENT (& Formula)

aqueous solution of 4,5%
CH₂O + H₂O

a.s. of, 70%
C₂H₅OH

Nitrogen
N₂

c) IMO IMDG CODE Reference & UN No.

9/2209

3.2/1170

2/3a/1977

d) QUANTITY & METHOD OF STOWAGE ON BOARD	22 kg/20 litre laboratory container	11kg/10 litre laboratory glass bottles	108,4/66,9 kg storage -40deg c pressure container
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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

245. Walter Herwig III, 22 November to 19 December 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.

04/12/2003: Bremerhaven for embarkation

22/12/2003: 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 the EU 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")

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	BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
Bottom Trawl	Between surface and bottom	Yes	No	Yes	Yes	Yes
Pelagic trawl	surface and bottom	Yes	No	Yes	Yes	Yes
Water samples	bottom	Yes	No	Yes	Yes	Yes
Seabed samples	sediment	Yes	No	Yes	Yes	Yes

(On behalf of the Principal Scientist)

Dated 13th May 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.