

NOTIFICATION OF PROPOSED RESEARCH CRUISE

UK

PART A: GENERAL

1. NAME OF RESEARCH SHIP: *WALTHER HERWIG III* Cruise No. 2 84
2. DATES OF CRUISE: *02.12. – 21.12.2005*
3. OPERATING AUTHORITY: *Bundesanstalt für Landwirtschaft und Ernährung
Ref. 522
Palmaille 9, 22767 Hamburg (Germany)
Telephone + 49 (0)40 38905 171
Telex 214 763 ble d
Telefax + 49 (0)40 38905 128
Federal Republic of Germany*
4. OWNER
(if different from Para 3)
5. PARTICULARS OF SHIP
- | | |
|--|-------------------------------|
| <u>NAME</u> | <i>WALTHER HERWIG III</i> |
| <u>NATIONALITY</u> | <i>German</i> |
| <u>OVERALL LENGTH</u> | <i>64.50 m</i> |
| <u>MAXIMUM DRAUGHT</u> | <i>6.20 m</i> |
| <u>NETT TONNAGE</u> | <i>639</i> |
| <u>PROPULSION</u> | <i>Diesel/Diesel Electric</i> |
| <u>CALL SIGN</u> | <i>D B F R</i> |
| <u>REGISTRATION PORT & NUMBER</u>
(if registered fishing vessel) | |
6. CREW
- | | |
|-----------------------|-----------------------------|
| <u>NAME OF MASTER</u> | <i>Zimmermann or deputy</i> |
| <u>NUMBER OF CREW</u> | <i>21</i> |
7. SCIENTIFIC PERSONNEL
- | | |
|--|--|
| <u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u> | <i>Dr. Thomas Lang
BFAFi - IFÖ
Deichstr. 12
27472 Cuxhaven (Germany)</i> |
| <u>TELEPHONE NO.</u> | <i>+ 49 (0)4721 38034</i> |
| <u>TELEFAX NO.</u> | <i>+ 49 (0)4721 53583</i> |
| <u>NO. OF SCIENTISTS</u> | <i>12</i> |
8. GEOGRAPHICAL AREA IN WHICH SIP WILL OPERATE
52° 50'N – 58° 00'N / 02° 10'W – 20° 50'E
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE
Investigations on occurrence of fish diseases and biological effects of contaminants, OSPAR and HELCOM monitoring, ICES BSRP Sea-going Workshop 'Fish Disease Monitoring in the Baltic Sea'
10. DATES AND NAMES OF INTENDED PORTS OF CALL *Aberdeen*
(only in case of bad weather conditions)
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: GENERAL:

1. NAME OF RESEARCH SHIP: *WALTHER HERWIG III* CRUISE NO: *281*

2. DATES OF CRUISE: *02.12. – 21-12.2005*

3. a) PURPOSE OF RESEARCH

Investigations on the occurrence of fish diseases and biological effects of contaminants, OSPAR and HELCOM monitoring, ICES BSRP Sea-going Workshop 'Fish Disease Monitoring in the Baltic Sea' Bottom trawling, water sampling

b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear-trawl type, mesh size etc.

Bottom trawl (GOV with rock hopper, 140' bottom trawl), water sampling, CTD

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 samples

Water samples

b) METHODS OF OBTAINED 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)

Fishing: dab, cod, herring, plaice, flounder haddock, not more than 500 specimens per station examined, CTD measurements

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	<i>Formaldehyde</i>	<i>Ethyl alcohol</i>	<i>liquid nitrogen</i>
b) CHEMICAL CONTENT (& Formula)	<i>4,5%</i> <i>CH₂O + H₂O</i>	<i>70%</i> <i>C₂H₅OH</i>	<i>Nitrogen</i> <i>N₂</i>
c) IMO IMDG CODE Reference & UN Number	<i>9/2209</i>	<i>3.2/1170</i>	<i>2/3a /1977</i>
d) QUANTITY & METHOD OF STOWAGE ON BOARD	<i>22 kg/20 litre</i> <i>laboratory</i>	<i>11kg/10 litre</i> <i>laboratory</i> <i>container</i>	<i>108,4/66,9 kg</i> <i>storage -40°C</i> <i>glass bottles pressure container</i>

8. DETAIL & REFERENCE OF:

a) ANY RELEVANT PREVIOUS/FUTURE CRUISES:

Cruise No. 269, RV WALTHER HERWIG III, 26.11. – 17.12.2004

b) ANY PREVIOUSLY PUBLISHED RESEARCH 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 VISIT TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE

YES/NO

b) PARTICIPATION OF AN OBSERVER FROM THE COASTAL STATE FOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND THE PORTS FOR EMBARKATION/ DISEMBARKATION. *Participation is not possible because accomodation is not available.*

YES/NO

02.12.2005 Bremerhaven for embarkation/21.12.2005 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

Tabelle 1: 281. Reise Walther Herwig III, 02.12.- 21.12.2005, Koordinaten der Stationen

NORDSEE		
Gebiet	Geo-Breite	Geo-Länge
N01	54° 15'N - 54° 25'N	07° 25'E - 07° 39'E
GB1	54° 05'N	07° 50'E
N04	54° 25'N - 54° 50'N	02° 00'E - 02° 31'E
N22	53° 25'N - 53° 45'N	01° 20'E - 01° 46'E
N05	55° 20'N - 55° 30'N	00° 25'E - 00° 10'W
N06	56° 15'N - 56° 25'N	01° 50'W - 02° 10'W
N11	55° 30'N - 55° 40'N	07° 00'E - 07° 30'E
P01	55° 20'N - 56° 00'N	04° 20'E - 05° 30'E
N03	52° 50'N - 53° 10'N	03° 30'E - 04° 10'E

OSTSEE		
Gebiet	Geo-Breite	Geo-Länge
B01	54° 25'N - 54° 50'N	10° 00'E - 11° 00'E
BEEP5	54° 10'N - 54° 35'N	11° 20'E - 12° 20'W
B11	54° 40'N - 55° 20'N	12° 40'E - 14° 00'E
B10	54° 35'N - 54° 50'N	13° 58'E - 14° 20' E
B03	54° 28'N - 54° 40'N	14° 55'E - 15° 30'E
B05	55° 00'N - 55° 15'N	16° 20'E - 16° 40'E
B09	55° 05'N - 55° 15'N	18° 10'E - 18° 35'E
BEEP1	57° 20'N - 58° 00'N	16° 50'E - 18° 00'E
BEEP3	55° 30'N - 55° 50'N	20° 20'E - 20° 50'E
BEEP4b	54° 45'N - 54° 55'N	18° 40'E - 18° 55'E

Cruise 281 RV Walther Herwig III, 02.12. – 21.12.2005, Location of sampling sites



