

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

UK

PART A: GENERAL

1. NAME OF RESEARCH SHIP: *WALTHER HERWIG III* Cruise No. 2 94  
 2. DATES OF CRUISE: *01.12. – 20.12.2006*  
 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 SHIPNAME *WALTHER HERWIG III*NATIONALITY *German*OVERALL LENGTH *64.50 m*MAXIMUM DRAUGHT *6.20 m*NETT TONNAGE *639*PROPULSION *Diesel/Diesel Electric*CALL SIGN *D B F R*REGISTRATION PORT & NUMBER

( if registered fishing vessel)

6. CREWNAME OF MASTER *Janßen or deputy*NUMBER OF CREW *21*7. SCIENTIFIC PERSONNELNAME AND ADDRESS *Dr. Thomas Lang*OF SCIENTIST *BFAFi - IFÖ*IN CHARGE *Deichstr. 12**27472 Cuxhaven (Germany)*TELEPHONE NO. *+49 (0)4721 38034*TELEFAX NO. *+49 (0)4721 53583*NO. OF SCIENTISTS *12*8. GEOGRAPHICAL AREA IN WHICH SIP WILL OPERATE*52° 50'N – 56° 25'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,*10. DATES AND NAMES OF INTENDED PORTS OF CALL*Aberdeen**conditions)**(only in case of bad weather*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: *294*

2. DATES OF CRUISE:                    *01.12. – 20-12.2006*

3. a) PURPOSE OF RESEARCH

*Investigations on the occurrence of fish diseases and biological effects of contaminants, OSPAR and HELCOM monitoring, 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>
---------------	-----------------	--------------------	--------------	-----------------	------------------

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>CH<sub>2</sub>O + H<sub>2</sub>O</i>	<i>70%</i> <i>C<sub>2</sub>H<sub>5</sub>OH</i>	<i>Nitrogen</i> <i>N<sub>2</sub></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. 281, RV WALTHER HERWIG III, 02.12. – 21.12.2005*

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

*01.12.2006 Bremerhaven for embarkation/20.12.2006 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*



**Table 1:** Cruise 294 RV ‚Walther Herwig III‘, 01.12. – 20.12.2006, Geographical coordinates

<b>NORTH SEA</b>		
<b><i>Area</i></b>	<b><i>Latitude</i></b>	<b><i>Longitude</i></b>
N01	54° 15'N - 54° 25'N	07° 25'E - 07° 39'E
GB1	54° 05'N	07° 50'E
N03	52° 50'N - 53° 10'N	03° 30'E - 04° 10'E
N04	54° 25'N - 54° 50'N	02° 00'E - 02° 31'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
N22	53° 25'N - 53° 45'N	01° 20'E - 01° 46'E
P01	55° 20'N - 56° 00'N	04° 20'E - 05° 30'E

<b>BALTIC SEA</b>		
<b><i>Area</i></b>	<b><i>Latitude</i></b>	<b><i>Longitude</i></b>
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
BEEP3	55° 30'N - 55° 50'N	20° 20'E - 20° 50'E

Figure 1: Location of sampling areas







