

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP*    Walther Herwig III                      *CRUISE NO.* 253
2. *DATES OF CRUISE*                      From: 25/06/2003                      To: 14/07/2003
3. *OPERATING AUTHORITY*              Bundesanstalt fr Landwirtschaft und Ern hrung,  
Ref. 522,  
Palmaille 9,  
22767 Hamburg (Germany).  
  
Telephone: +49 4038905 171  
Facsimile: +49 4038905 128  
Telex:            214 763 bled
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 metres  
*MAXIMUM DRAUGHT:*                              6.20 metres  
*NET TONNAGE:*                                      2131 BRZ  
*PROPULSION:*                                      Diesel Electric  
*CALL SIGN:*                                      D B F R  
*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*              Dr. C. Zimmermann  
*SCIENTIST IN CHARGE:*              BFAFi - Institut fr Seefischerei,  
Palmaille 9,  
22767 Hamburg (Germany).  
  
*NUMBER OF SCIENTISTS:*
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*  
(with reference to latitude and longitude)  
  
53deg N - 58deg 30'N; 03deg W - 10deg E (see map attached)
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*  
  
Assessments of Herring and Sprat stocks as part of an international hydroacoustic survey
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*  
  
Christiansand (Norway), approx. 26.06., Hanstholm, Esbjerg (Denmark), date not fixed, depending on work schedule
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.* 253

2. *DATES OF CRUISE* From: 25/06/2003 To: 14/07/2003

3. a) *PURPOSE OF RESEARCH*

Hydroacoustic measurements, reference fishing on selected fishing stations (with pelagic or bottom trawl), length and weight measurements, otolith sampling for age determination, hydrographic stations with CTD-probe.

b) *GENERAL OPERATIONAL METHODS*

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

Hydrographic stations with standard CTD-probe. Pelagic trawl "PSN205" and bottom trawl "Grand Overture Verticale", see descriptions attached.

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)

The specific areas to be investigated depend on the fish distribution during the cruise, and on weather conditions. Thus, no fishing stations can be determined in advance, and the cruise track provided is only tentative. A more detailed plan of sharing the area between partner institutes and a cruise track will be agreed upon during the meeting of the ICES group planning the survey (PGHERS, Aberdeen, mid of January 2003). Chart is attached.

5. a) *TYPES OF SAMPLES REQUIRED*

(e.g. Geological/Water/Plankton/Fish/Radionuclide)

Samples of herring and sprat, small amounts, water samples for calibration of salinometer

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)

Trawling, small amounts retained on board, stocks of interest: North Sea Herring and Sprat; water samples taken by standard CTD and water bottles

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*

162<sup>nd</sup> cruise of FRV "Walther Herwig III", 1995  
392<sup>nd</sup> cruise of FRV "Solea", 1996  
186<sup>th</sup> cruise of FRV "Walther Herwig III", 1997  
196<sup>th</sup> cruise of FRV "Walther Herwig III", 1998  
444<sup>th</sup> cruise of FRV "Solea", 1999  
218<sup>th</sup> cruise of FRV "Walther Herwig III", 2000  
478<sup>th</sup> cruise of FRV "Solea", 2001  
240<sup>th</sup> cruise of FRV "Walther Herwig III", 2002  
Similar cruises of RV "Dana", ".O. Sars", "Michael Sars", "Scotia", "Tridens"

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

See annual reports of the ICES Herring Assessment Working Groups, 1996-2002

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*

DK: K-J. Staehr, DIFRES, Hirtshals

NL: A. Eltink, A. Couperus, RIVO-DLO, IJmuiden

N: R. Toresen & E. Torstensen, IMR, Bergen

UK: J. Simmondsk, D. Reid and P. Fernandes, MarLab, Aberdeen

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*

Yes, if announced prior to 1<sup>st</sup> of May 2003. Bremerhaven/D. 25.06 and 14.07.03

c) *WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS*

Cruise Report about 4 weeks after the trip (will be sent to coastal states and published on BFA-Fi's website); ICES Report of Herring Survey Planning Group, Jan 2004; ICES Report of Herring Assessment Working Group, March 2004 (public from May 2003 onwards).

**PART C: SCIENTIFIC EQUIPMENT**

COASTAL STATE: United Kingdom

PORT CALL: None

DATES: 25 June - 14 July 2003

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 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			
Trawling	Surface to seabed	Yes	No	Yes	Yes	No
Echo-integration with hull-mounted instruments	Water column	Yes	No	Yes	Yes	No
Water sampling	Water column	Yes	No	Yes	Yes	No

(On behalf of the Principal Scientist)

Dated 16<sup>th</sup> December 2002

**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.**

