

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP* FRV Walther Herwig III      *CRUISE NO.* WH 250
2. *DATES OF CRUISE*      From: 18/03/2003      To: 31/03/2003
3. *OPERATING AUTHORITY*      Bundesanstalt fr Landwirtschaft und Ern hrung,  
Palmaille 9,  
22767 Hamburg.  
  
Telephone: +4940 38905171  
Facsimile: +4940 38905128  
Telex: 214763 bled
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:* 2131 BRZ  
*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. C. Zimmermannn,  
BFAFi - Institut fr Seefischerei,  
Palmaille 9,  
22767 Hamburg.  
  
*TEL./TELEX/FAX NO:* +4940 38905177/+4940 38905263  
  
*NUMBER OF SCIENTISTS:* 12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*  
(with reference to latitude and longitude)  
  
55deg N - 59deg N  
003deg W - 009deg W (see map attached)
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*  
  
Sampling of juvenile and adult herring originating from different stocks for the EU-funded multi-disciplinary project WESTHER (stock separation)
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*  
  
Aberdeen (Scotland/UK), approx. 19<sup>th</sup> and 30<sup>th</sup> March 2003
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*  
  
None

# NOTIFICATION OF PROPOSED RESEARCH CRUISE

## PART B: DETAIL

1. NAME OF RESEARCH SHIP FRV Walther Herwig III CRUISE NO. WH 250

2. DATES OF CRUISE From: 18/03/2003 To: 31/03/2003

3. a) PURPOSE OF RESEARCH

Hydroacoustic measurements, fishing on selected fishing stations (with pelagic or bottom trawl), length and weight measurements, fish and otolith sampling for further investigations, hydrographic stations with CD-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 (see attached chart)

5. a) TYPES OF SAMPLES REQUIRED

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

Samples of herring and sprat, approximately 10 times 100 individuals; 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 amount retained on board, stocks of interest: West of Scotland (VIaN) and West of Ireland (VIIbc) herring

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*

Similar work will be conducted on several cruises of the FRS MarLab, Aberdeen, and during the next triennial Mackerel and Horse Mackerel Egg Survey in Spring 2004

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

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*

UK: E. Hatfield, J. Simmonds, D. Reid, MarLab, Aberdeen

IRL: C. Kelly, Marine Institute, Galway

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*

Two MarLab employees will join the cruise

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

Interim report of the EU-project WESTHER, December 2003

**PART C: SCIENTIFIC EQUIPMENT**

COASTAL STATE: UK

PORT CALL: Aberdeen

DATES: 18 to 31 March 2003

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 CHARACTER- ISTICS	DISTANCE FROM COAST		
				WITHIN 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
Trawling	surface to seabed	Yes	No	Yes	Yes	No
Echo-integration with hull-mounted instruments		Yes	No	Yes	Yes	No
Water sampling		Yes	No	Yes	Yes	No

(On behalf of the Principal Scientist)

Dated 18<sup>th</sup> September 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.**

