

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* FFS Walther Herwig III *CRUISE NO.* 254
2. *DATES OF CRUISE* From: 21/07/2003 To: 18/08/2003
3. *OPERATING AUTHORITY* Bundesanstalt fr Landwirtschaft und Ern hrung,
Referat 522,
Palmaille 9,
22767 Hamburg (Germany).

Telephone: +49 (0)40 38905 171
Facsimile: +49 (0)40 38905 128
Telex: 214 763 ble d
4. *OWNER*
(if different from No. 3) Federal Republic of Germany
5. *PARTICULARS OF SHIP* *NAME:* FFS Walther Herwig III
NATIONALITY: German
OVERALL LENGTH: 64.50 m
MAXIMUM DRAUGHT: 6.20 m
NET TONNAGE: 639 NZR
PROPULSION: Diesel Electric
CALL SIGN: D B F R
REGISTERED PORT & NUMBER:
(if registered fishing vessel)
6. *CREW* *NAME OF MASTER:* H.-D. Zimmermann or deputy
NO. OF CREW: 21
7. *SCIENTIFIC PERSONNEL* *NAME AND ADDRESS OF SCIENTIST IN CHARGE:* Dr. Siegfried Ehrich,
BFAFi - Institut fr Seefischerei,
Palmaille 9,
22767 Hamburg (Germany).

TELEPHONE NO: +49 (0)40 38905 179
TELEFAX NO: +49 (0)40 38905 263

NUMBER OF SCIENTISTS: 12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
52deg - 61deg 30'N; 03deg W - 09deg E (see map, attached)
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
Participation in the ICES co-ordinated International Bottom Trawl Survey for fish stock estimates
Monitoring of fish assemblages in small defined areas.
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
02-03/08/2003 Bergen/NORWAY
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* FFS Walther Herwig III *CRUISE NO.* 254

2. *DATES OF CRUISE* From: 21/07/2003 To: 18/08/2003

3. a) *PURPOSE OF RESEARCH*

Demersal trawling survey to assess year class strengths and stock size indices for cod, haddock, whiting and other

Monitoring of fish assemblages and benthos in small defined areas

b) *GENERAL OPERATIONAL METHODS*

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

GOV-otter trawl

2 m beam trawl

grab

(for details, see specifications 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 areas to be investigated depend on the fish distribution during the cruise. Thus, no cruise tracks, fishing or benthos positions can be fixed in advance.

5. a) *TYPES OF SAMPLES REQUIRED*

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

Sediment samples and benthic infauna samples taken by grab; benthic epifauna samples taken by 2 m-beam trawl; fish samples taken by GOV trawl gear; water samples taken by CTD

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)

Demersal trawls: GOV. Fish retained on board will be less than two tonnes; only scientific samples

Grab: Determination of sediment type and benthic infauna

2m beam trawl: Collection of epibenthic invertebrates

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*

International Bottom Trawl Survey since 1991

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

Partly in ICES-Papers: CM 1987/B: 27 and 28, CM 1988/G:67 and B:10; CM 1989/B:35; CM 1991/G:59; CM 1998/J:25

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*

United Kingdom: John Casey, CEFAS Laboratories, Pakefield Road, Lowestoft

The Netherlands: Henk Heessen, RIVO, Postbox 6, 1970 AB Ijmuiden

Norway: O.M. Smedstad, Box 1870, 5011 Bergen-Nordnes

Denmark: Jorgen Dalskov, DFU Charlottenlund

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*

No (no spare accommodation)

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

Cruise summary report through official channels; English summary will be available about 4 weeks after the trip. Within 3-6 months of cruise ending, all data will be available on request to ICES member states.

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: United Kingdom

PORT CALL: None

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	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
Benthic samples	Yes	Yes	No	No	Yes	No
Trawling	No	Yes	Yes	No	Yes	No
Water samples	Yes	Yes	No	No	Yes	No

(On behalf of the Principal Scientist)

Dated 27th January 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.