

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* "Walther Herwig III" *CRUISE NO.* WH260
2. *DATES OF CRUISE* From: 19.01.2004 To: 18.02.2004
3. *OPERATING AUTHORITY* Bundesanstalt für Landwirtschaft und Ernährung
Ref. 522
Palmaille 9, 22767 Hamburg (Germany)

Telephone: +49 (0)40 38905 171
Facsimile: +49 (0)40 38905 128
Telex: 214 763 bled
4. *OWNER* Bundesrepublik Deutschland
(if different from No. 3)
5. *PARTICULARS OF SHIP*

<i>NAME:</i>	"Walther Herwig III"
<i>NATIONALITY:</i>	German
<i>OVERALL LENGTH:</i>	64.50 metres
<i>MAXIMUM DRAUGHT:</i>	6.20 metres
<i>GRT:</i>	2131 BRZ
<i>PROPULSION:</i>	Steam Turbine/ Diesel/ Diesel Electric
<i>CALL SIGN:</i>	D B F R
<i>TELEPHONE:</i>	
<i>FAX:</i>	
<i>REGISTERED PORT & NUMBER:</i>	
(if registered fishing vessel)	
6. *CREW*

<i>NAME OF MASTER:</i>	Hartmann or deputy
<i>NO. OF CREW:</i>	21
7. *SCIENTIFIC PERSONNEL*

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Gerd Wegner BFAFi – Instiut für Serfischerel Palmaille 9 22767 Hamburg (Germany)
<i>TEL./TELEX/FAX NO:</i>	+49 (0)40 38905 224
<i>NUMBER OF SCIENTISTS:</i>	12
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
North Sea

9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*

International Bottom Trawl Survey 2004/1

10. *DATES AND NAMES OF INTENDED PORTS OF CALL*

Lerwick. 03-05.02.2004

11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

Mid Cruise Break

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* "Walther Herwig III" *CRUISE NO.* WH260

2. *DATES OF CRUISE* From: 19.01.2004 To: 18.02.2004

3. a) *PURPOSE OF RESEARCH*

b) *GENERAL OPERATIONAL METHODS*

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

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)

5. a) *TYPES OF SAMPLES REQUIRED*

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

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, quantity of fish to be retained on board)

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* None

b) *CHEMICAL CONTENT (& FORMULA)* None

c) *IMO IMDG CODE REFERENCE & UN. NO.* None

d) *QUANTITY & METHOD OF STOWAGE ON BOARD* None

e) *IF EXPLOSIVES GIVE DATE(S) OF DETONATION* None

- *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*

Cruise is part of a standard series coordinated by ICES since the middle of the 1950's

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

All data are stored and published in the frame of ICES

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*

Denmark:	P. Degnbol, Difmar, Hirtshals, P. Munk, DIFR, Charlottenlund
UK-England:	T. Boon, MAFF. Lowestoft.
UK-Scotland:	A. Newton, MAFF. Aberdeen.
The Netherlands:	H. Heesen. RIVO. Ijnuiden
Norway:	O.M. Smedstad. IMR. Bergen-Nordnes

10. STATE

a) *WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE*

Yes, please

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 problem. Em-/disembarkation by direct arrangement with the chief scientist, well in advance (Lerwick. 03-05.03.04)

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

1. Cruise summary report through official channels: English summary will be available about 4 weeks after the trip.
2. Short report latest at the end of April 2004.
3. Lees Council Meeting Report. Sept/Oct. 2004

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE:
 PORT CALL:
 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 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM

(On behalf of the Principal Scientist)

Dated:

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.

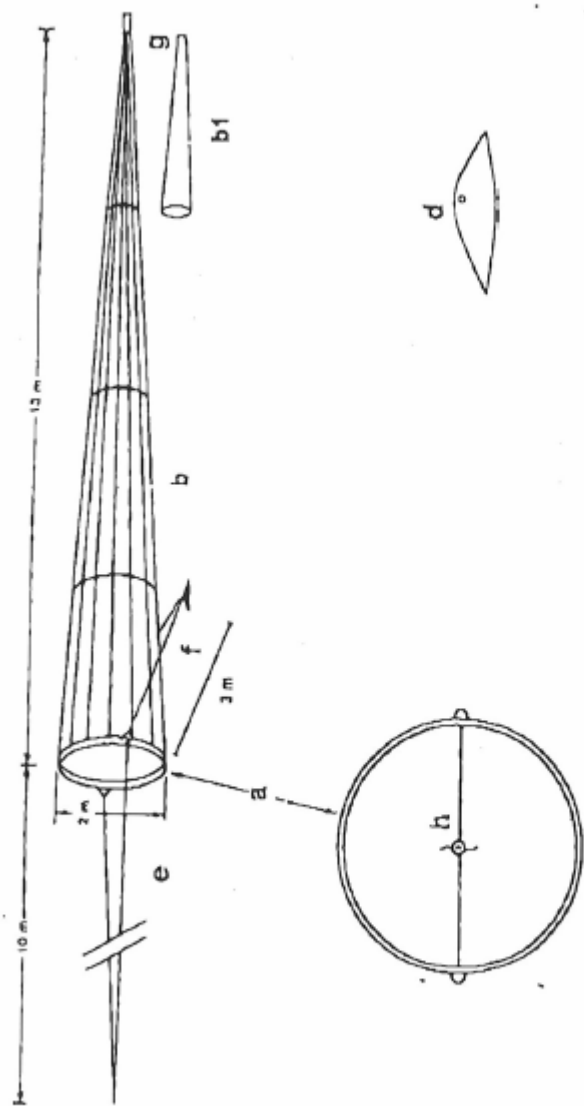
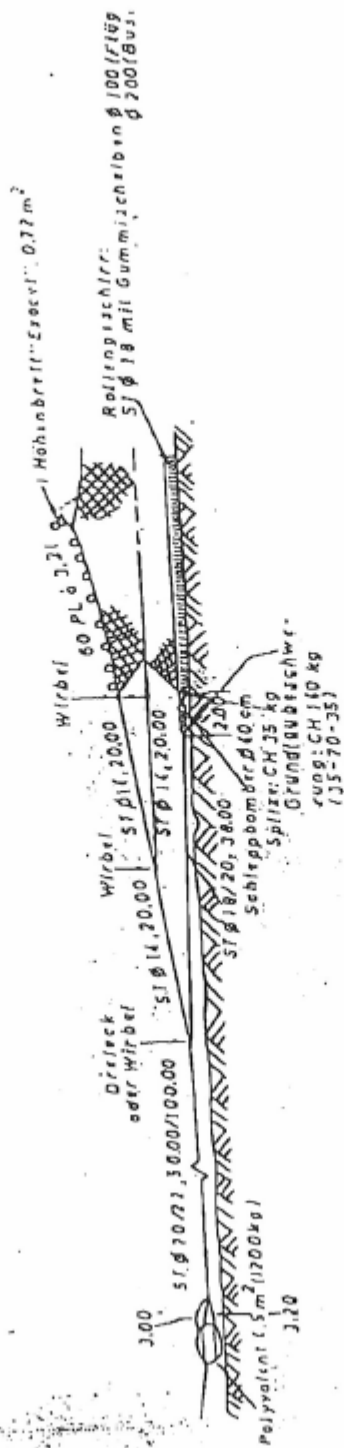


Figure 4.1 Construction and rigging of the MTK bawl. Letters refer to description in the text.



Werknummer 110011					
Standardentwurf BFA 101					
Rippenum 6					
Entwurf: J. S. P. M. Boulos					
Herstellung: I. C. S. C. M. P.					
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