

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A. GENERAL

1. NAME OF RESEARCH SHIP      *FFS "Walther Herwig III"*      CRUISE NO.    *WH 314*

2. DATE OF CRUISE              FROM    *17.08.2008*              TO            *22.08.2008*

3. OPERATING AUTHORITY      *Bundesanstalt für Landwirtschaft  
und Ernährung, Referat 522  
Palmaille 9, 22767 Hamburg*

Telephone +49 40 38905171 / Telex 214763 bled/ Fax +494038905128

4. OWNER (if different from para. 3)      *Bundesrepublik Deutschland*

5. PARTICULARS OF SHIP      NAME                              *FFS "Walther Herwig III"*

NATIONALITY                              *German*

OVERALL LENGTH (METRES)              *64,50 metres*

MAXIMUM DRAUGHT (METRES)              *6,2 metres*

NETT TONNAGE                              *639 NZR*

PROPULSION                              *Steam Turbine / Diesel / Diesel Electric*

CALL SIGN                                      *DBFR*

REGISTERED PORT & NUMBER (if registered fishing vessel)

6. CREW                              NAME OF MASTER                              *H. Janssen or deputy*

NUMBER OF CREW                              *21*

7. SCIENTIFIC PERSONNEL      NAME AND ADDRESS OF                              *Dr. Siegfried Ehrich*

SCIENTIST - IN - CHARGE                              *vTI - Institut für Seefischerei  
Palmaille 9  
22767 Hamburg*

Tel./FAX No.              *+49 40 38905-179*                              *+49 40 38905-263*

NUMBER OF SCIENTISTS                              *12*

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in latitude and longitude): *North Sea,  
52°N – 61°30'N; 3°W – 9°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:

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:      *./.*

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP      *FFS Walther Herwig III*      CRUISE NO:      *WH 314*
2. DATES OF CRUISE                      FROM              *17.07.2008*                      TO              *22.08.2008*

3. a) PURPOSE OF RESEARCH

- *Demersal trawling survey to assess year class strengths and stock size indices for cod, haddock, whiting and others*
- *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, at the appropriate scale, the geographical area of the intended work, positions of the intended stations, tracks of survey lines, positions of moored 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/Radionuclides.

*Sediment samples taken by grab; benthic epifauna samples taken by 2m-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, quantity of fish being retained on board)

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

*Grab: Determination of sediment type*

*2 m beam trawl: Collection of epibenthic invertebrates*

6. DETAILS OF MOORED EQUIPMENT:                      *none*

Dates:    Laying            Recovery            Description            Depth            Latitude            Longitude

*None*



PART-C: SCIENTIFIC EQUIPMENT

COASTAL STATE *United Kingdom*

COMPLETE THE FOLLOWING TABLE

PORT CALL:

SEPARATE COPY FOR EACH COASTAL STATE

DATES:

INDICATE „YES“ OR „NO“

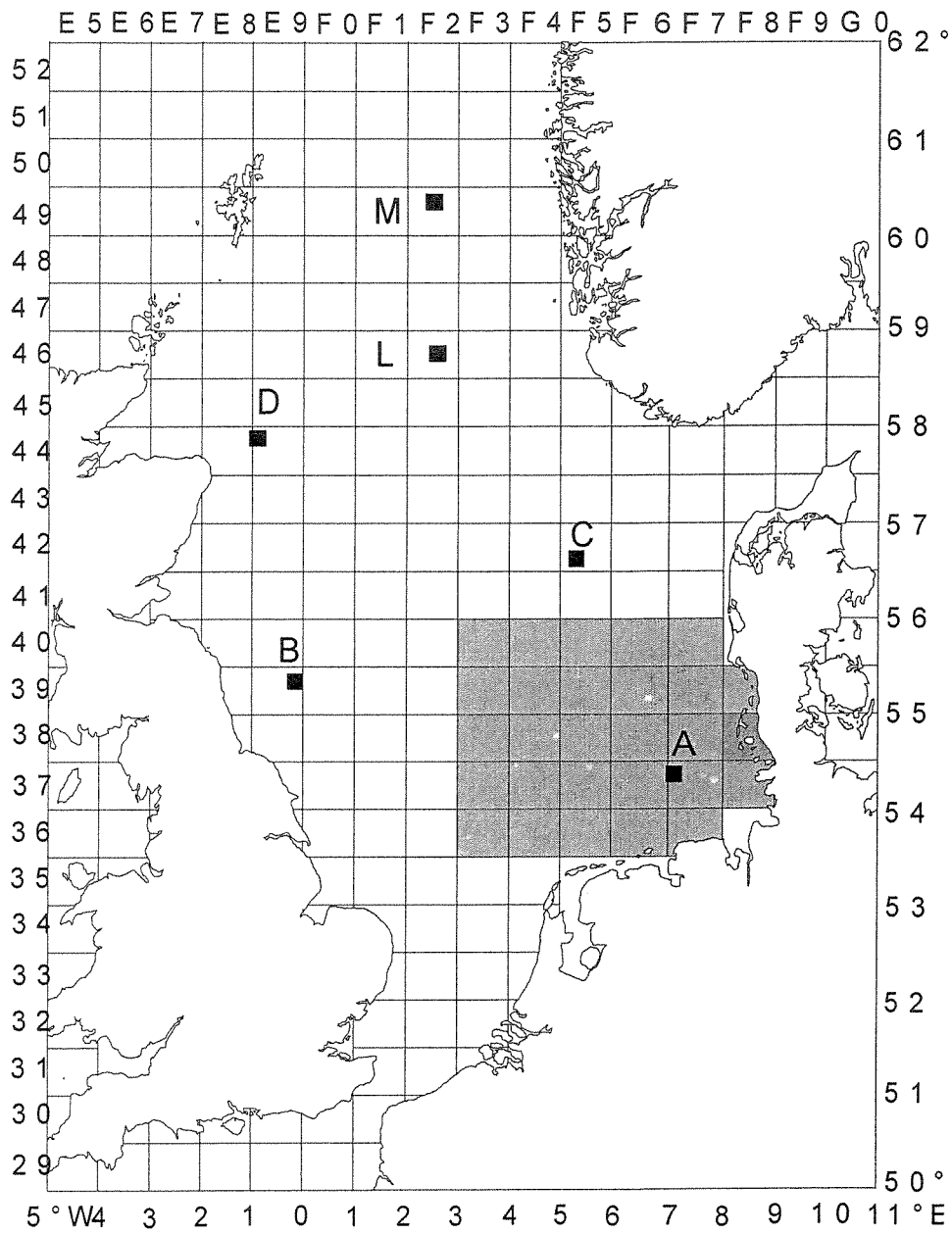
<u>LIST OF SCIENTIFIC WORK BY FUNCTION</u>  e.g. Magnetometry Gravity,Diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U / W TV Moored instruments Towed instruments	Water Column including Sediment Sampling of the Seabed	Fisheries Research within Fishing Limits	Research concerning the natural resources of the continental shelf or its physical characteristics	Distance from coast		
				Within 12 NM	Between 12-200 NM	(Continental shelf work only) Beyond 200 NM but within the continental margin
<i>Benthic samples</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>no</i>	<i>yes</i>	<i>no</i>
<i>Trawling</i>	<i>no</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>yes</i>	<i>no</i>
<i>Water samples</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>no</i>	<i>yes</i>	<i>no</i>



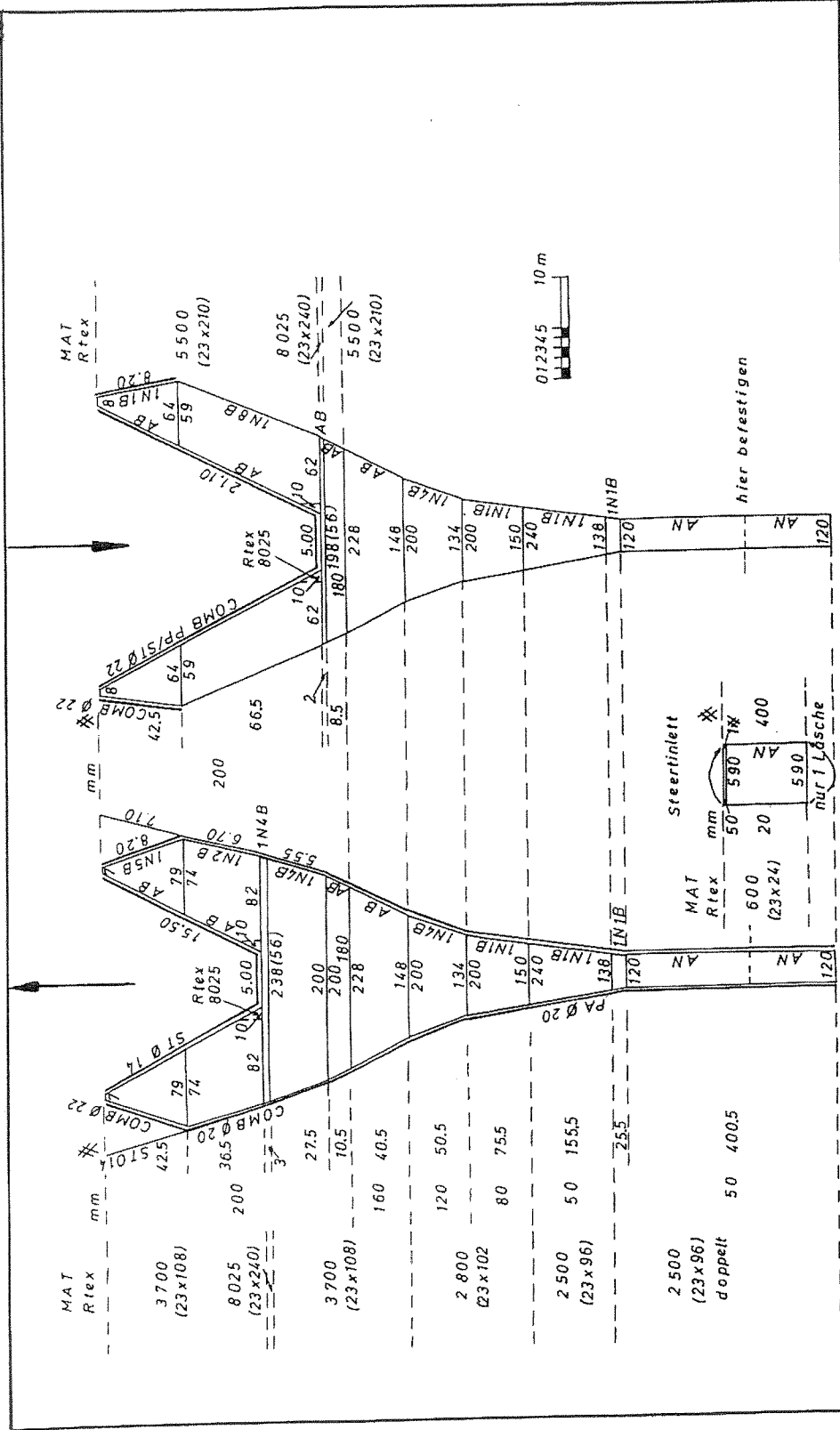
(On behalf of the Principal Scientist)

Dated 07.1.2008

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



„Walther Herwig III“. Cruise no. 314: Area of investigation (IBTS) and boxes



Mafstab 1:350	
Standardnetze BFA für Fischerei	
Bezeichnung	„6.0V - GSN“
Norm	
Bezeichnet	25.11.92
Datum	24.11.92
Gezeichnet	25.11.92
Geprüft	
nach einem Entwurf des JSTPM, Boulogne	
entsprechend ICES G <sub>M</sub> 1992/B:39	
Zust.	Änderung
Datum	Notiz
Blatt	1
Bf	

MAT Rtex	3700 (23x108)
MAT Rtex	8025 (23x240)
MAT Rtex	3700 (23x108)
MAT Rtex	2800 (23x102)
MAT Rtex	2500 (23x96)
MAT Rtex	2500 (23x96) doppel
MAT Rtex	600 (23x24)



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6. DETAILS OF MOORED EQUIPMENT:                      *none*

Dates:    Laying            Recovery            Description            Depth            Latitude            Longitude

*None*

7. ANY HAZARDOUS MATERIALS: (Chemicals, Explosives, Gases, Isotopes, 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:

*International Bottom Trawl Survey since 1991*  
*Annual national survey since 1987*

b) ANY PREVIOUSLY PUBLISHED RESEARCH DATE RELATING TO THE PROPOSED CRUISE.

(Attach separate sheet if necessary)

*Partly in ICES-Papers such as: CM 1989/B:35; CM 1991/G:59; CM 1998/J:25*  
*Ehrich, S. et al. (2007): 20 years of the German Small-Scale Bottom Trawl Survey (GSBTS):*  
*A review. Senckenbergiana marit. 37(1): 13-82*

9. NAMES AND ADDRESSES OF SCIENTISTS IN COASTAL STATE (S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE.

*United Kingdom: Brian Harley, 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: Jørgen Dalskov, DFU Charlottenlund*

10. STATE:

(a) WHETHER VISITS TO THE SHIP IN PORT BY COASTAL STATE SCIENTISTS 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/DDISEMBARCATION

YES / 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*

COMPLETE THE FOLLOWING TABLE

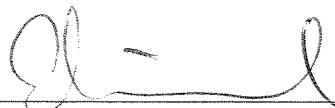
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DATES:

INDICATE „YES“ OR „NO“

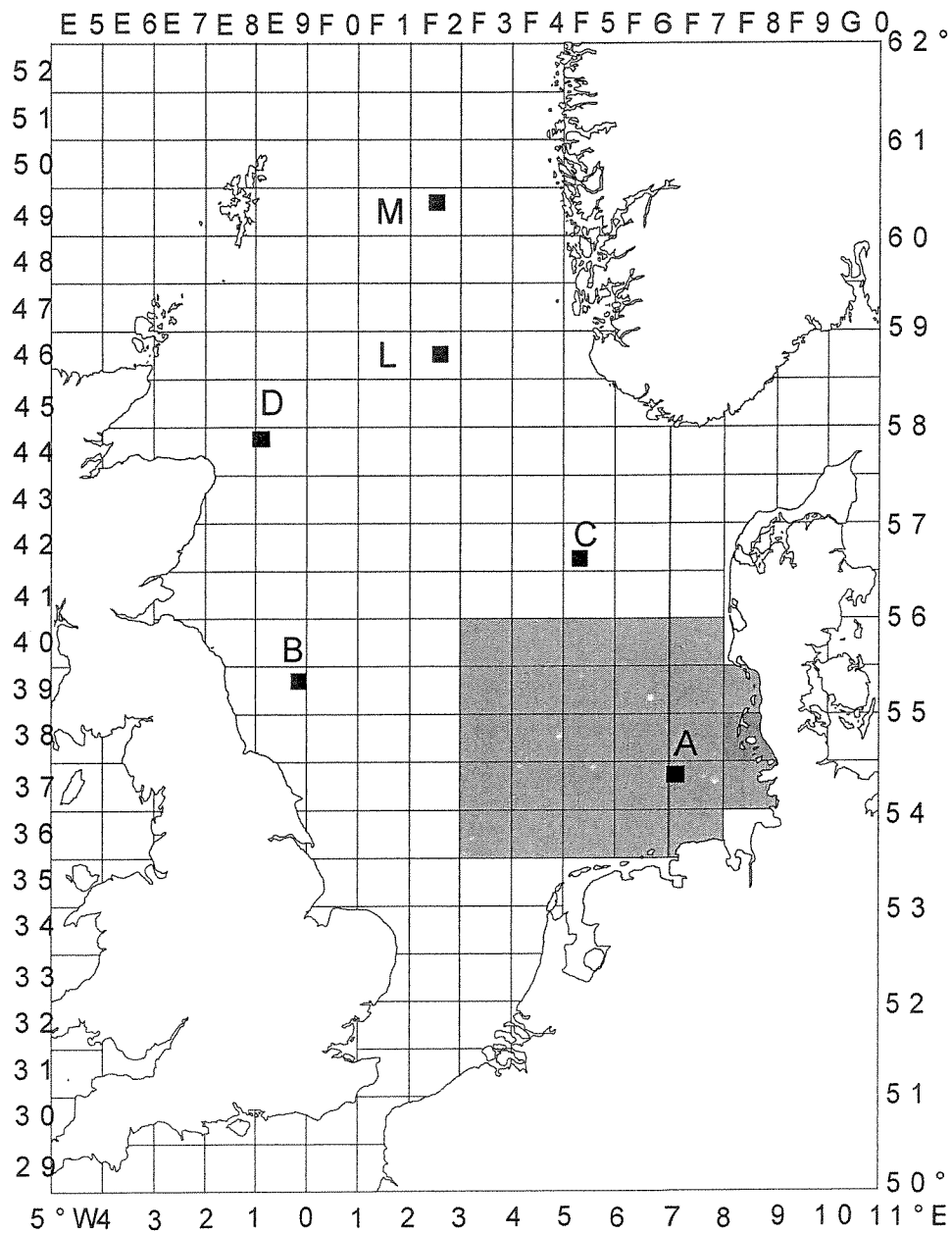
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Dated 07.1.2008

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