NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A. GENERAL

1. NAME OF RESEARCH SHIP *FFS "Walther Herwig III"* CRUISE NO. *WH 302*

2. DATE OF CRUISE FROM *20.07.2007* TO *17.08.2007*

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 Elecctric*
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 SCIENTIST - IN - CHARGE	*Dr. Siegfried Ehrich* *BFAFi - 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:
~~Two days within the period 30.7. to 2.8.2007 in Bergen/Norway~~

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 302*

2. DATES OF CRUISE FROM *20.07.2007* TO *17.08.2007*

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						

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: 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 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: Jörgen 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
SEPARATE COPY FOR EACH COASTAL STATE

PORT CALL no

DATES:

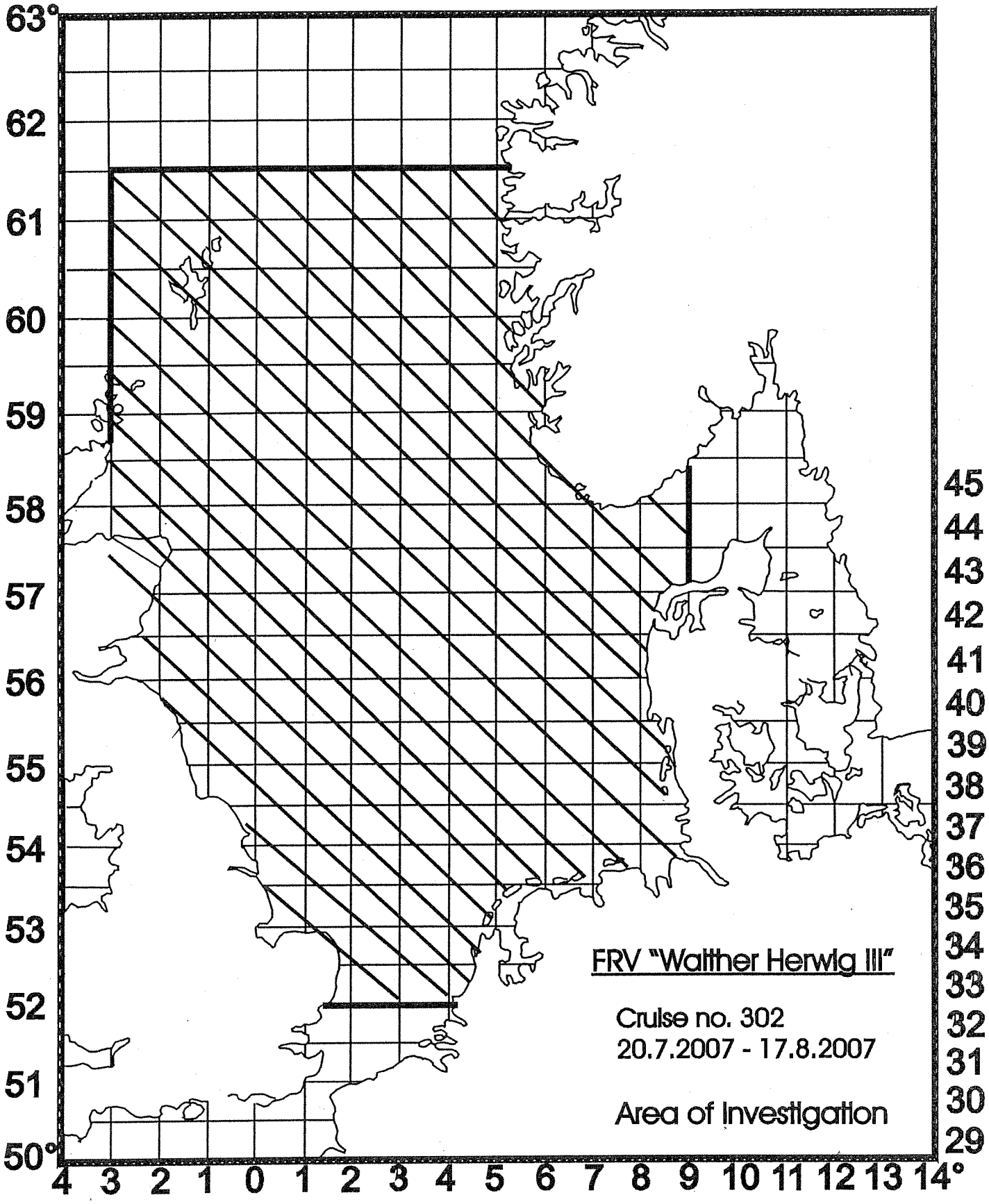
INDICATE „YES" OR „NO"

LIST OF 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 12-200 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 05.01.2007

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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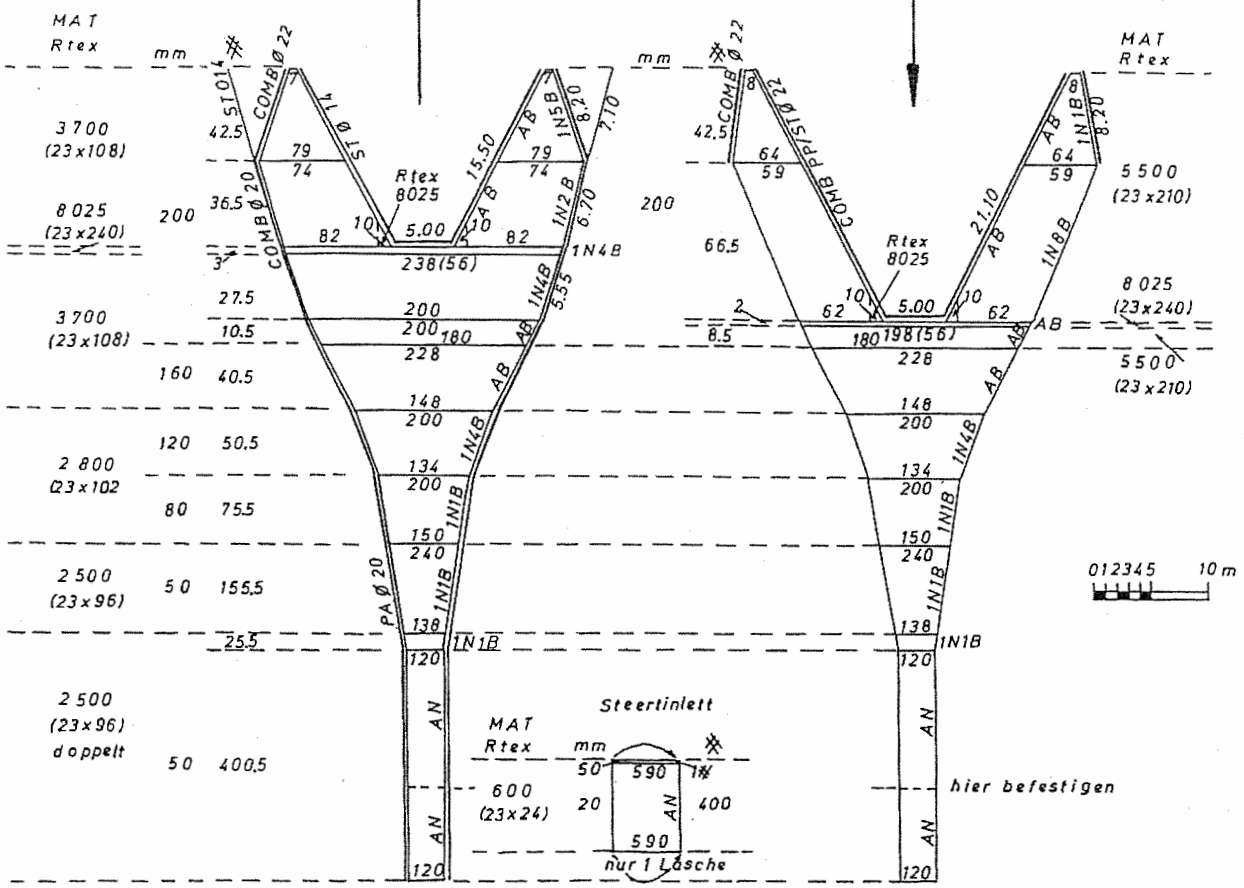
FRV "Walther Herwig III"
Cruise no. 302
20.7.2007 - 17.8.2007
Area of Investigation



Maßstab 1:350			
Standardnetze BFA für Fischerei			
Bearb. 25.11.92	Gepr. 25.11.92	Norm	„GOV - GSN"
„nach einem Entwurf des JSTPM, Boulogne" „entsprechend ICES C.M. 1992/B:39"			Blatt 1
Zust.	Änderung	Datum	Name