



NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP      *FFS Walther Herwig III*      CRUISE NO:      *WH 287*
2. DATES OF CRUISE                      FROM              28.04.2006                      TO              09.05.2006

3. a) PURPOSE OF RESEARCH

- *Demersal trawling survey to assess the bottom fish assemblages and benthic communities*
- *Age and size structure of bottom fish*

b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear-trawl type, mesh size, etc.)

- *GOV-otter trawl (for details see specifications attached)*
- *2 m beam trawl*
- *grab*

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:

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b) ANY PREVIOUSLY PUBLISHED RESEARCH DATE RELATING TO THE PROPOSED CRUISE.  
(Attach separate sheet if necessary)

Kröncke, I. (1988). Macrofauna standing stock of the Dogger Bank: A comparison: I. 1951-1952 versus 1985. In: S. KEMPE et al. (eds.): Biogeochemistry and distribution of suspended matter in the North Sea and implications to Fisheries Biology, Mitt. geol.-paläont. Inst., Hamburg, SCOPE/UNEP Sonderbd. 65: 439-454.

Ehrich, S. (1998). ICES CM G:67, 9 pp.

Ehrich, S. et al. (1998). ICES CM J:25, 7 pp.

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: John Casey, CEFAS Laboratories, Pakefield Road, Lowestoft*

*The Netherlands: Henk Heessen, RIVO, Postbox 6, 1970 AB IJmuiden*

*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.*

PART-C: SCIENTIFIC EQUIPMENT

COASTAL STATE *United Kingdom*

COMPLETE THE FOLLOWING TABLE  
SEPARATE COPY FOR EACH COASTAL STATE

PORT CALL none

DATES:

INDICATE „YES“ OR „NO“

<u>LIST OF SCIENTIFIC WORK BY FUNCTION</u>	Water	Fisheries	Research	Distance from coast		
				Within 12 NM	Between 12-200 NM	(Continental shelf work Beyond 200 NM but within the continental margin)
e.g. Magnetometry only) Gravity,Diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U / W TV Moored instruments Towed instruments	Column including Sediment Sampling of the Seabed	Research within Fishing Limits	concerning the natural resources of the continental shelf or its physical characteristics			
<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>

*Anne Sell*

(On behalf of the Principal Scientist)

Dated 05.12.2005

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

# Area of investigation



