

UK

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A. GENERAL

1. NAME OF RESEARCH SHIP *FFS „Solea“* CRUISE NO. 560.

2. DATE OF CRUISE FROM 24-07-2006 TO 11-08-2006

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

4. OWNER (if different
from para. 3) *Telephone +49 40 38905171 / Telex 214763 bled/ Fax +494038905128
Bundesrepublik Deutschland*

5. PARTICULARS OF SHIP

<u>NAME</u>	<i>FFS "Solea"(new build)</i>
<u>NATIONALITY</u>	<i>German</i>
<u>OVERALL LENGTH (METRES)</u>	<i>42,70</i>
<u>MAXIMUM DRAUGHT (METRES)</u>	<i>3,40</i>
<u>NETT TONNAGE</u>	<i>rd. 660</i>
<u>PROPULSION</u>	<i>Diesel-Electric</i>
<u>CALL SIGN</u>	<i>DBFH</i>

REGISTERED PORT & NUMBER (if registered fishing vessel)

6. CREW

<u>NAME OF MASTER</u>	<i>Kpt. H. Jürigs or deputy</i>
<u>NUMBER OF CREW</u>	<i>14</i>

7. SCIENTIFIC PERSONNEL

<u>NAME AND ADDRESS OF SCIENTIST - IN - CHARGE</u>	<i>Dipl.-Oz. Hans-Peter Cornus BFAFi - Institut für Seefischerei Palmaille 9 22767 Hamburg</i>
<u>Tel./FAX No.</u>	<i>+49 40 38905-194 +49 40 38905-263</i>
<u>NUMBER OF SCIENTISTS</u>	<i>7</i>

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in latitude and longitude);
52°00' N – 58°00' N / 02°00' W – 08°00' E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: *BEAM TRAWL SURVEY ("BOX"-FISHERY)*

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 „Solea“ CRUISE NO: 545.
2. DATES OF CRUISE FROM 24-07-2006 TO 11-08-2006

3. a) PURPOSE OF RESEARCH :

Bottom Trawl Survey in six regional boxes

- for monitoring of changes in fish fauna.
- to assess year class strength and index for stock sizes of demersal fish species (cod, haddock, whiting etc.)

- 3 b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear-trawl type, mesh size, etc.)
- CTD with water sampler
 - Bottom trawling (gear specification 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

Map is attached

- 5 a) TYPES OF SAMPLES REQUIRED e.g. Geological / Water / Plankton /Fish/Radionuclides.

Water / Fish .

Samples of all species caught will be worked up.

Optimum catch is a couple of baskets.

No fish is retained on board except scientific samples to be worked up at the Hamburg Lab

- 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)

Bottom trawling

Water sampling

6. DETAILS OF MOORED EQUIPMENT: *none*

Dates: Laying Recovery Description Depth Latitude Longitude

7. ANY HAZARDOUS MATERIALS: (Chemicals, Explosives, Gases, Isotopes, etc.)
(Use separate sheet if necessary)

- (a) TYPE AND TRADE NAME NONE
- (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:

German standard program since 1989

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

Data provided to ICES Working Group on Demersal Fish Stocks in the North Sea and Skagerrak

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.

John Casey, CEFAS, Lowestoft
Dr. Henk Heesen, RIVO, IJmuiden
Jørgen Dalskov, Dan.Mar.Res., 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/DISEMBARCATION YES / NO
But 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

Report will be available about 4 weeks after the trip

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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“

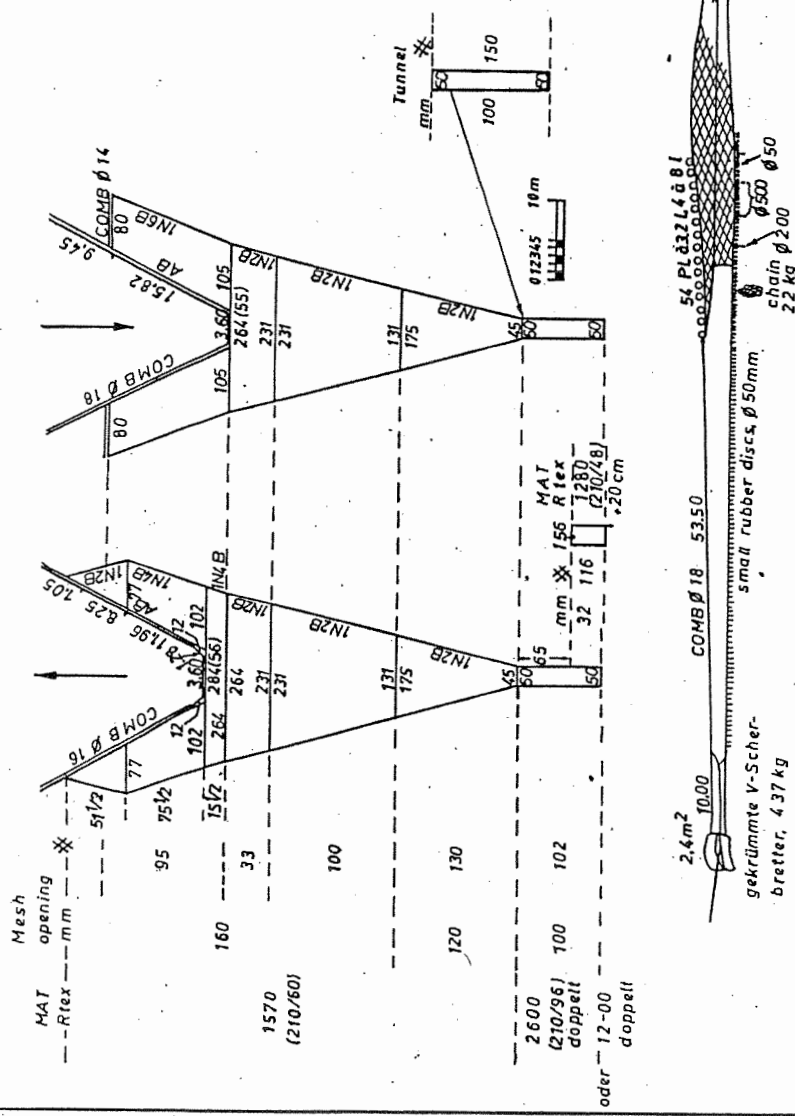
<u>LIST OF SCIENTIFIC WORK BY FUNCTION</u>				Distance from coast		
				Within 12 nms	Between 12-200 nms	(Continental shelf work only) Beyond 200 nm but within the continental margin
e.g. Magnetometry Gravity,Diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U / W TV Moored 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			
Trawling	no	yes	no	no	yes	no
Water sampling/CTD	yes	yes	no	no	yes	no

Heavis - Peter Collins

(On behalf of the Principal Scientist)

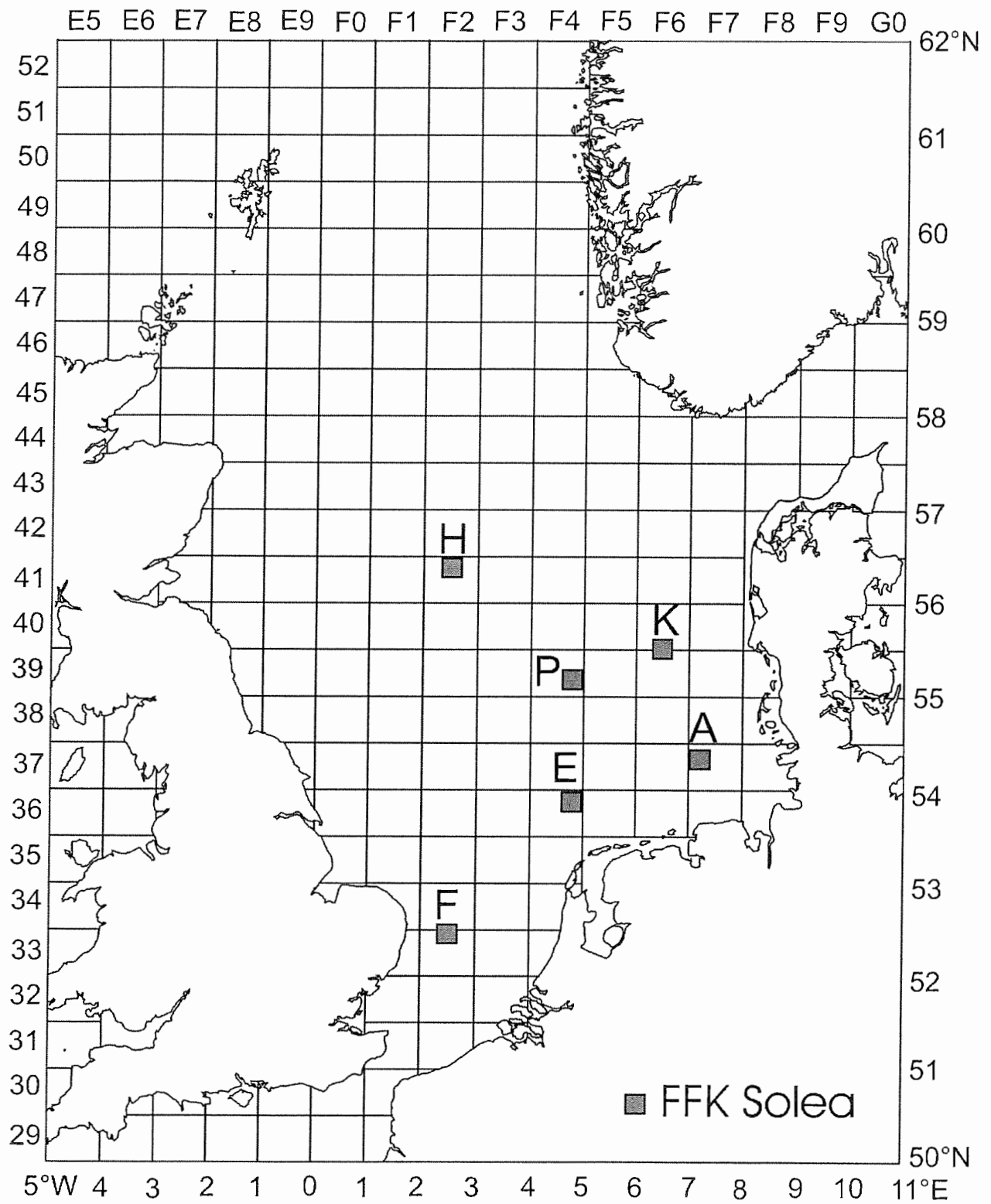
Dated *27.1.06*

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



Maßstab - 1:500	
Institut für Fangtechnik, Hamburg	
Codhopper, FFK "Solea" (528 * Circumference)	
Stichtag	12.12.88
Angaben	Boots Nr. 110286, 10.3.88 RIGG Nr. 110286 F. 81
Tunnel	24000
Schiff	SCHIFFEL
Scherbrett	11050
Blatt	
Bl.	

Description of Bottom Trawl



Location of regional boxes of investigations