

*NOTIFICATION OF PROPOSED RESEARCH CRUISE*

PART A. GENERAL

1. NAME OF RESEARCH SHIP      *FFS „Solea“*      CRUISE NO. 633

2. DATE OF CRUISE      FROM January 17<sup>th</sup> 2011      TO February 3<sup>rd</sup> 2011

3. OPERATING AUTHORITY:      Bundesanstalt für Landwirtschaft und Ernährung, Ref. 524  
Haubachstr. 86, D-22765 Hamburg

TELEPHONE:      +49 40 306860550

TELEFAX:      +49 40 306860555

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

5. PARTICULARS OF SHIP

<u>NAME</u>	<i>FFS "Solea"</i>
<u>NATIONALITY</u>	<i>German</i>
<u>OVERALL LENGTH (METRES)</u>	42.74
<u>MAXIMUM DRAUGHT (METRES)</u>	3,90
<u>NETT TONNAGE</u>	191
<u>PROPULSION</u>	<u>Diesel - electric</u>
<u>CALL SIGN</u>	DBFH

REGISTERED PORT & NUMBER (if registered fishing vessel)

6. CREW

<u>NAME OF MASTER</u>	<u>Koops or deputy</u>
<u>NUMBER OF CREW</u>	<u>14</u>

7. SCIENTIFIC PERSONNEL

<u>NAME AND ADDRESS OF SCIENTIST - IN - CHARGE</u>	<u><i>Dr. Thomas Neudecker</i></u>
	<u>vTI, Institute of Sea Fisheries (SF)</u>
	<u>Palmaille 9</u>
	<u>22767 Hamburg</u>
<u>Tel./FAX No.</u>	<u>+49 40 38905-172</u> <u>+49 40 38905-263</u>
<u>NUMBER OF SCIENTISTS</u>	<u>7</u>

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in latitude and longitude):

    South of 56 °N  
    East of 00°E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:      BROWN SHRIMP WINTER SURVEY

10. Dates and names of intended ports of call:  
    Possibly Lowestoft

11. Any special logistic requirements at ports of call:

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PART B. GENERAL

1. NAME OF RESEARCH SHIP      *FFS „Solea“*      CRUISE NO: 633
2. DATES OF CRUISE      FROM January 17<sup>th</sup> 2011      TO February 3<sup>rd</sup> 2011
3. a) PURPOSE OF RESEARCH : **Brown shrimp survey using two 7,2 m beam trawls**  
b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear-trawl type, mesh size, etc.)  
**7.2 m shrimp beam trawl with roller gear and 20 mm mesh opening**
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

*See chart*

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

**Fish (brown shrimp)**

- 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)

**Fishing for brown shrimp samples (200g per haul) using 7.2 -m-shrimp beam trawl**

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:

FFS "SOLEA" cruises 1991, 1992, 1993, 1994, 1995, 1996, 1999, 2000,  
2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010

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

Meixner, Rauck, InFn.Fischw. 40(1),1993  
Neudecker, Fischerblatt 1999, 2, 30-33  
ICES WGCRAN report:

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

Dres Andy Revill and Andrew Lawler  
Fisheries Management / Technology  
CEFAS, Pakefield Road, Lowestoft, NR33 0HT, UK  
Tel:+44(0) 1502 524 531 Fax:+44(0) 1502 524 546  
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e mail: [andrew.revill@cefas.co.uk](mailto:andrew.revill@cefas.co.uk)  
[www.cefas.co.uk](http://www.cefas.co.uk)

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  
Cuxhaven, Esbjerg, Lowestoft or Grimsby,  
with note well in advance because of limited room capacity
- c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS

Cruise report and ICES WGCRAN report

PART-C: SCIENTIFIC EQUIPMENT

COASTAL STATE *United Kingdom*

COMPLETE THE FOLLOWING TABLE  
SEPARATE COPY FOR EACH COASTAL STATE

PORT CALL Lowestoft or Grimsby

DATES:

INDICATE „YES“ OR „NO“

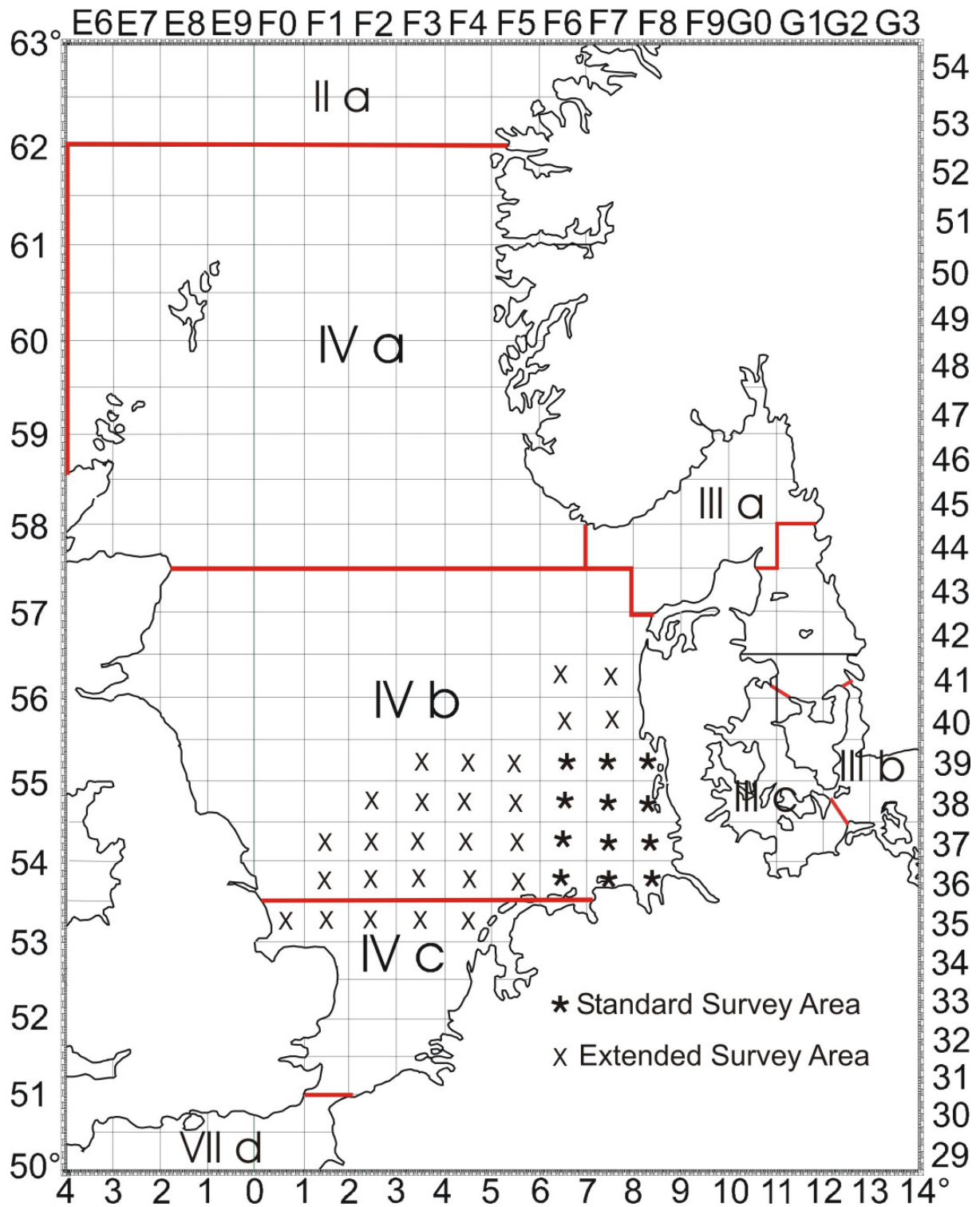
<u>LIST OF SCIENTIFIC WORK BY FUNCTION</u>  e.g. Magnetometry Gravity,Diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U / W TV Moored instruments Towed instruments	Water Column including Sediment Sampling of the Seabed	Fisheries Research within Fishing Limits	Research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



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(On behalf of the Principal Scientist)

Dated.....Hamburg September 29th 2010.....

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



Principal survey area of FFS "SOLEA", cruise No. 633, January 17<sup>th</sup> to February 3<sup>rd</sup> 2011