



NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP FFS „Solea“ CRUISE NO: 600
2. DATES OF CRUISE FROM January 19<sup>th</sup> 2009 TO February 06<sup>th</sup> 2009

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

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: <http://www.ices.dk/iceswork/wgdetailacfm.asp?wg=WGCRAN>

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.

Dr Andy Revill  
Fisheries Management / Technology  
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[www.cefasc.co.uk](http://www.cefasc.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

PART-C: SCIENTIFIC EQUIPMENT

COASTAL STATE *United Kingdom*

COMPLETE THE FOLLOWING TABLE  
SEPARATE COPY FOR EACH COASTAL STATE

PORT CALL Lowestoft or Grimsby

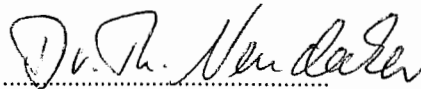
DATES: second half of January

INDICATE „YES“ OR „NO“

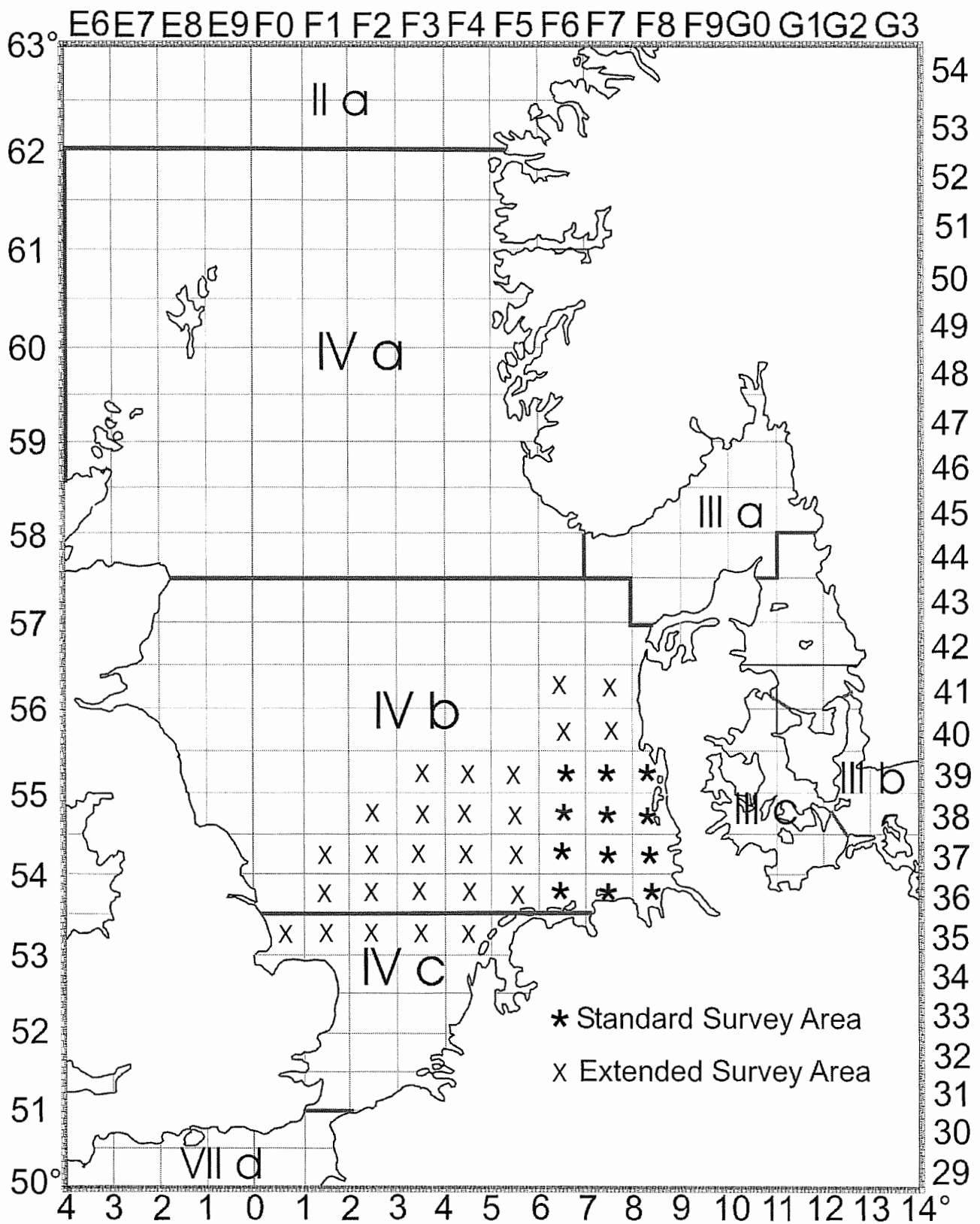
<u>LIST OF SCIENTIFIC WORK BY FUNCTION</u>				Distance from coast		
				Within 12 nms	Between 12-200 nms	(Continental shelf work only) Beyond 200 nm but within the continental margin
e.g. Magnetometry Gravity,Diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U/W TV Moored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

.....  
(On behalf of the Principal Scientist)

Dated.....Hamburg September 15th 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



Principal survey area of FFS "SOLEA", cruise No. 600, January 19<sup>th</sup> to February 6<sup>th</sup> 2009