

UK

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

- 1. NAME OF RESEARCH SHIP FRV "SOLEA" CRUISE NO. 591
- 2. DATE OF CRUISE FROM 26.06.08 TO 16.07.08
- 3. OPERATING AUTHORITY Bundesanstalt für Landwirtschaft und Ernährung  
Palmaille 9, 22767 Hamburg  
  
TELEPHONE +4940 38905171/TELEX 214763 bled Fax +494038905128
- 4. OWNER (if different from para. 3) Federal Republic of Germany
- 5. PARTICULARS OF SHIP
  - NAME FRV "SOLEA"
  - NATONALITY German
  - OVERALL LENGHT 42.7 METRES
  - MAXIMUM DRAUGHT 3.6 METRES
  - NETT TONNAGE 660
  - PROPULSION DIESEL ELECTRIC
  - CALL SIGN DBFH
  - REGISTERED PORT & NUMBER  
(if registered fishing vessel) -
- 6. CREW
  - NAME OF MASTER V. Koops or deputy
  - NUMBER OF CREW 14
- 7. SCIENTIFIC PERSONNEL
  - NAME AND ADDRESS OF SCIENTIST - IN - CHARGE Dr. E. Bethke  
Institute for Fishing Technology  
and Fishery Economy  
Palmaille 9, 22767 Hamburg
  - TEL. / TELEX / FAX NO. +49 40 38905-203 +494038905-264
  - NUMBER OF SCIENTISTS 7
- 8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude and Longitude) :  
52°00'N-59°00'N; 3°W-10°E (see map attached)
- 9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE :  
Assessment of Herring and Sprat stocks as part of an international (ICES co-ordinated) hydroacoustic survey
- 10. DATES AND NAMES OF INTENDED PORTS OF CALL :  
Kristiansand (Norway)., Hanstholm, Esbjerg (Denmark), Aberdeen (UK), date not fixed, depending on work schedule
- 11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL : None

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: GENERAL

1. NAME OF RESEARCH SHIP *SOLEA* CRUISE NO. *591*
2. DATES OF CRUISE FROM.....*26.06.08*..... TO .....*16.07.08*.....

3. a) PURPOSE OF RESEARCH

*Hydroacoustic measurements, reference fishing on selected fishing stations, length and weight measurements, otolith sampling for age determination, hydrographic stations with CTD-probe, herring trawl for pelagic and bottom trawling*

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

*Hydrographic stations with CTD-probe  
Herring trawl for pelagic and bottom trawling (see drawings)*

4. ATTACH CHART showing, (on an appropriate scale) the geographical area of the intended work, the area to be fished, positions of intended stations, tracks of survey lines, positions of moored / seabed equipment, areas to be fished:

*The areas to be investigated depend on the fish distribution during the cruise. Thus, no cruise track and fishing positions can be fixed in advance. Chart is attached.*

5. a) TYPES OF SAMPLES REQUIRED e.g. Geological / Water / Plankton / Fish/ Radionuclide etc:

*Samples of herring and sprat, small amounts, water samples for calibration of CTD probe*

5. 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 to be retained on board)

*trawling, small amounts remaining on board*

6. DETAILS OF MOORED EQUIPMENT : *no moored equipment*

DATES : *26.06.08 - 16.07.08*

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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ANY HAZARDOUS MATERIALS: (e.g. Chemicals/ Explosives/ Gases/ Radioactive etc.)  
(Use separate sheet if necessary)

- (a) Type and trade name *none*  
 (b) Chemical content (& Formula)  
 © 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  
*186<sup>th</sup> cruise of FRV "Walther Herwig III", 1997*  
*196<sup>th</sup> cruise of FRV "Walther Herwig III", 1998*  
*444<sup>th</sup> cruise of FRV "Solea", 1999*  
*218<sup>th</sup> cruise of FRV "Walther Herwig III", 2000*  
*240<sup>th</sup> cruise of FRV "Walther Herwig III", 2001*  
*478<sup>th</sup> cruise of FRV "Solea", 2002*  
*253<sup>th</sup> cruise of FRV "Walther Herwig III", 2003*  
*265<sup>th</sup> cruise of FRV "Walther Herwig III", 2004*  
*544<sup>th</sup> cruise of FRV "Solea", 2005*  
*559<sup>th</sup> cruise of FRV "Solea", 2006*  
*576<sup>th</sup> cruise of FRV "Solea", 2007*  
*similar cruises of RV "Dana", "G.O. Sars", "Michael Sars", "Scotia", "Tridens"*

- (b) Any previously published research data relating to the proposed cruise.

*See annual reports of the ICES Herring Assessment Working Groups*

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:

*DK: J. Dalskov, DIFRES, Charlottenlund*

*NL: A. S. Couperus, RIVO, IJmuiden*

*N: E. Torstensen, IMR, Bergen*

*UK: P. Fernandes, MarLab, Aberdeen*

10. STATE :

- a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable

*YES*

- b) Participation of an observer from the coastal state for any part of the cruise together with the dates and the ports for embarkation / disembarkation.

*NO*

- c) When research data from the intended cruise is likely to be made available to the coastal state authorities and by what means.

*Cruise Report about 4 weeks after the trip*

*ICES Report of Herring Assessment Working Group, from May 2009 on*

PART C: SCIENTIFIC EQUIPMENTCOASTAL STATE  
United KingdomCOMPLETE THE FOLLOWING TABLE  
SEPARATE COPY FOR EACH COASTAL STATEPORT CALL AberdeenDATES 26<sup>th</sup> June-16<sup>th</sup> July 2008INDICATE „YES“ OR „NO“

LIST OF SCIENTIFIC WORK BY FUNCTION				Distance from coast		
				WITHIN 12 NMS	BETWEEN 12-200 NM	(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	surface to seabed	yes	no	yes	yes	no
Echo-integration with hull-mounted instruments	water column	yes	no	yes	yes	no
Water sampling	water column	yes	no	yes	yes	no



Dated...07.12.2007.....

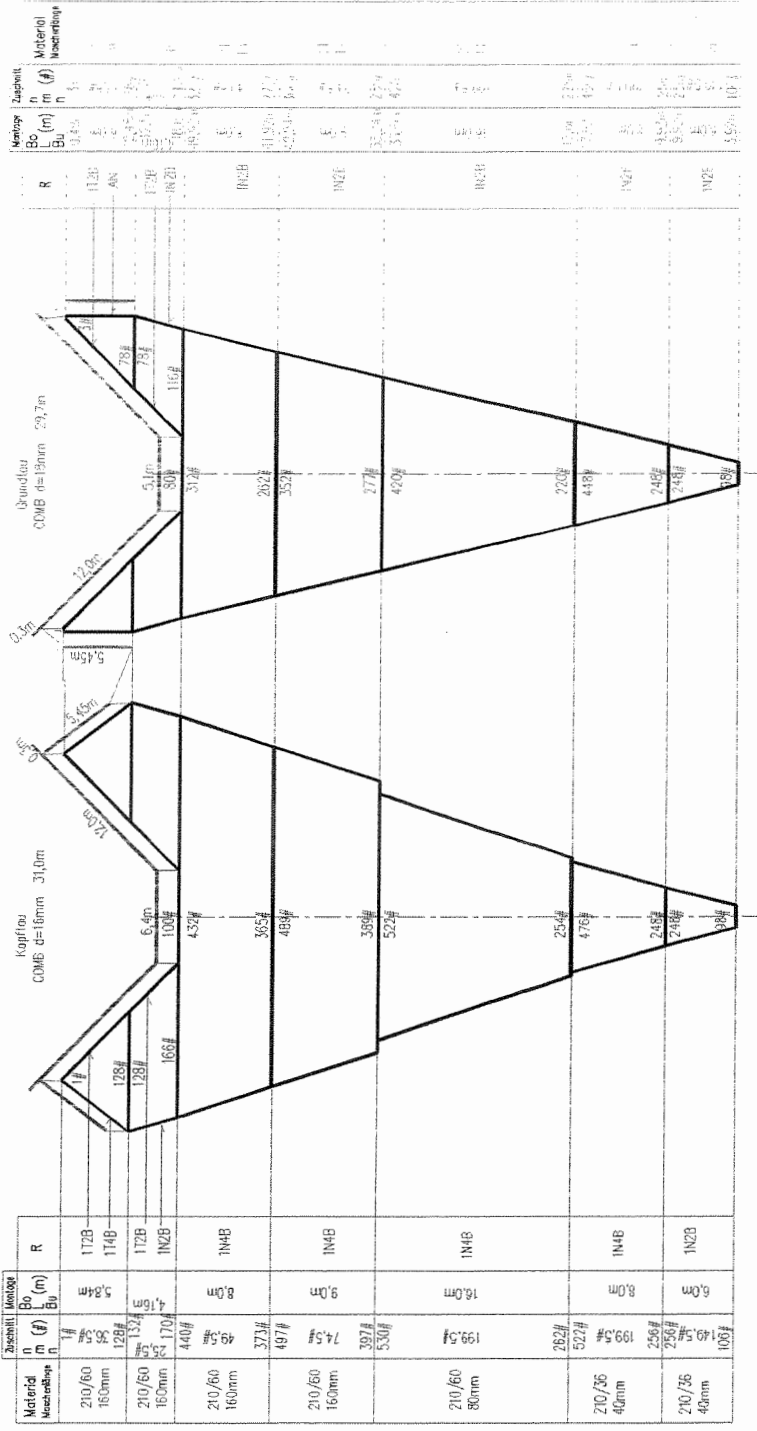
(On behalf of the Principal Scientist)

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



Oberblatt

Unterblatt



Gesamtlänge: 57,5m  
Umfang: 119m

Datum	Name
Bez.: 07.07.98	Berome
Gepl.:	

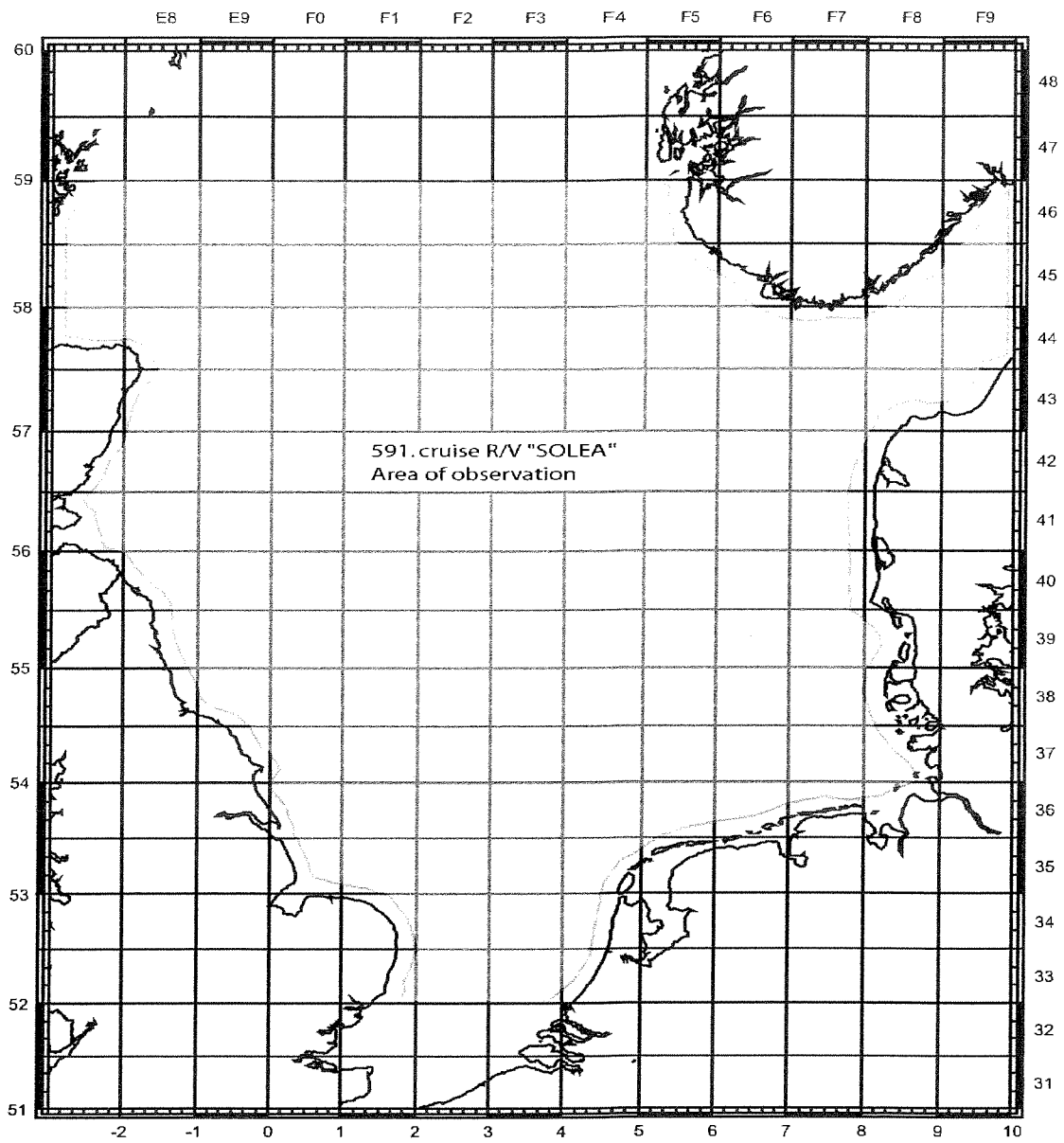
Aaltopser  
Stadtrat für FFN/SEL

Zust.	Änderung	Datum	Name

Bundforschungsanstalt für Fischerei  
Institut für Fischereischifffahrt

Menge: 1 : 500

Bl.



Area of observation – 591 cruise R/V „Solea“

