

NOTIFICATION OF PROPOSED RESEARCH CRUISE

GENERAL
PART A

1. Name of ship **FFS 'SOLEA'**
2. Dates of cruise from 18.09.06 to 29.09.06
3. Operating Authority Bundesanstalt für Landwirtschaft und Ernährung
Referat 522
Palmaille 9
D-22767 Hamburg
Telephone: +49 (0)40 - 38 905 171
Telefax: +49 (0)40 - 38 905 128
Telex: 214763 bled
e-mail: joachim.assmann@ble.de
4. Owner
(if different from para 3): Bundesrepublik Deutschland
5. Particulars of ship:

Name	SOLEA
Nationality	German
Overall length	42,70 metres
Maximal draught	3,45 metres
Nett tonnage	106,66 BRT
Propulsion	Diesel Electric
Call Sign	DBFH
Telephone	INMARSAT 00 871 761 651 777
e-mail	solea-ble@skyfile.de
6. Crew

Name of Master	Jürgs or deputy
No of Crew	14
7. Scientific Personnel

Scientist in charge	: Dr. Norbert Rohlf
Name and address	: BFA-Fi Institut für Seefischerei Palmaille 9 22767 Hamburg
Phone	: +49 40 38 905 166
Fax	: +49 40 38 905 263
e-mail	: norbert.rohlf@ish.bfa-fisch.de
No of Scientists	: 7
8. Geographical area in which ship will operate (with reference to latitude and longitude)
North Sea between 58°00'N and 61° N and from 004°00'W to 003°00'E
9. Brief description of purpose of cruise
Plankton sampling for the International Herring Larvae Survey (an International ICES programme)
10. Dates and names of intended ports of call
None
11. Any special logistic requirement at ports of call
None

DETAIL

PART B

1. Name of research ship **SOLEA** Cruise No. **563**

2. Dates of cruise from **18.09.06** to **29.09.06**

3. Purpose of research and general operational methods.

The cruise is part of the ICES International Herring Larvae Surveys in 2006. Used gear is a GULF III plankton sampler ("Nackthai"). The samples are taken on a standard grid and the stations are 10 nm apart. Net opening and mesh sizes of the "Nackthai" is: aperture 20 cm, mesh size 300 microns.

4. Attach chart showing (on an appropriate scale) the geographical area of the intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment.

Working area is given in the attached map.

5. Types of samples required e.g. Geological/Water/Plankton/Fish/Radioactivity/Isotope

Plankton

and methods by which samples will be obtained (including/dredging/coring/drilling).

Double oblique tows with plankton-samplers from surface to near bottom. Undulating tows on larger transects with the Ichthyoplanktonrecorder. A CTD is attached on these samplers to get information on hydrographical data.

6. Details of moored equipment:

None

Dates:

<u>Deployment</u>	<u>tentative Recovery</u>	<u>Description</u>	<u>Latitude</u>	<u>Longitude</u>
-------------------	-------------------------------	--------------------	-----------------	------------------

7. Explosives: *None*

- (a) Type and Trade Name
- (b) Chemical content
- (c) Depth of Trade class and stowage
- (d) Size
- (e) Depth of detonation
- (f) Frequency of detonation
- (g) Position in latitude and longitude
- (h) Dates of detonation

8. Detail and reference of

- (a) Any relevant previous/future cruises

The cruise is part of the International Herring Larvae Surveys which have been carried out annually since 1972.

- (b) Any previously published research data relating to the proposed cruise. (Attach separate sheet if necessary)

All data are published annually by the ICES in "Report of the Herring Assessment Working Group" or in the "Report of the herring larvae survey in the North Sea" (prior to 2003).

9. Names and addresses of scientists of the coastal state in whose waters the proposed cruise takes place with whom previous contact has been made.

*Dr. John Simmonds, Marine Lab. Aberdeen
Dr. Paul Fernandes, Marine Lab. Aberdeen*

10. State:

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

No port of call

- (b) Whether it will be acceptable to carry on board an observer from the coastal state for any part of the cruise and dates and ports of embarkation/disembarkation.

If observers want to participate in the cruise or parts of it, prior contact to the BFA-Fi or the cruise leader would be helpful to ensure that ports will be included for embarkation/disembarkation.

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

The data are available to all states which are members of ICES.

SCIENTIFIC EQUIPMENT

COASTAL STATE

United Kingdom

11. Complete the following table - SEPARATE COPY FOR EACH COASTAL STATE
(INDICATE 'YES' OR 'NO')

List of all major Marine Scientific Equipment it is proposed to use and indicate waters in which it will be deployed.	Fisheries Research Within Fishing Limits	Research concerning Continental Shelf out to coastal state's margin	DISTANCE FROM COAST			
			Within 3 NM	Between 3 - 12 NM	Between 12 - 50 NM	Between 50 - 200 NM
Nackthai, Towed Plankton sampler	Yes	No	Yes	Yes	Yes	Yes
CTD, attached to the plankton samplers	Yes	No	Yes	Yes	Yes	Yes

(On behalf of the Principal Scientist)

Dated: 03.04.06



Operating Authority: _____

N.B. IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES / AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED THE COASTAL STATE'S AUTHORITIES MUST BE NOTIFIED IMMEDIATELY.

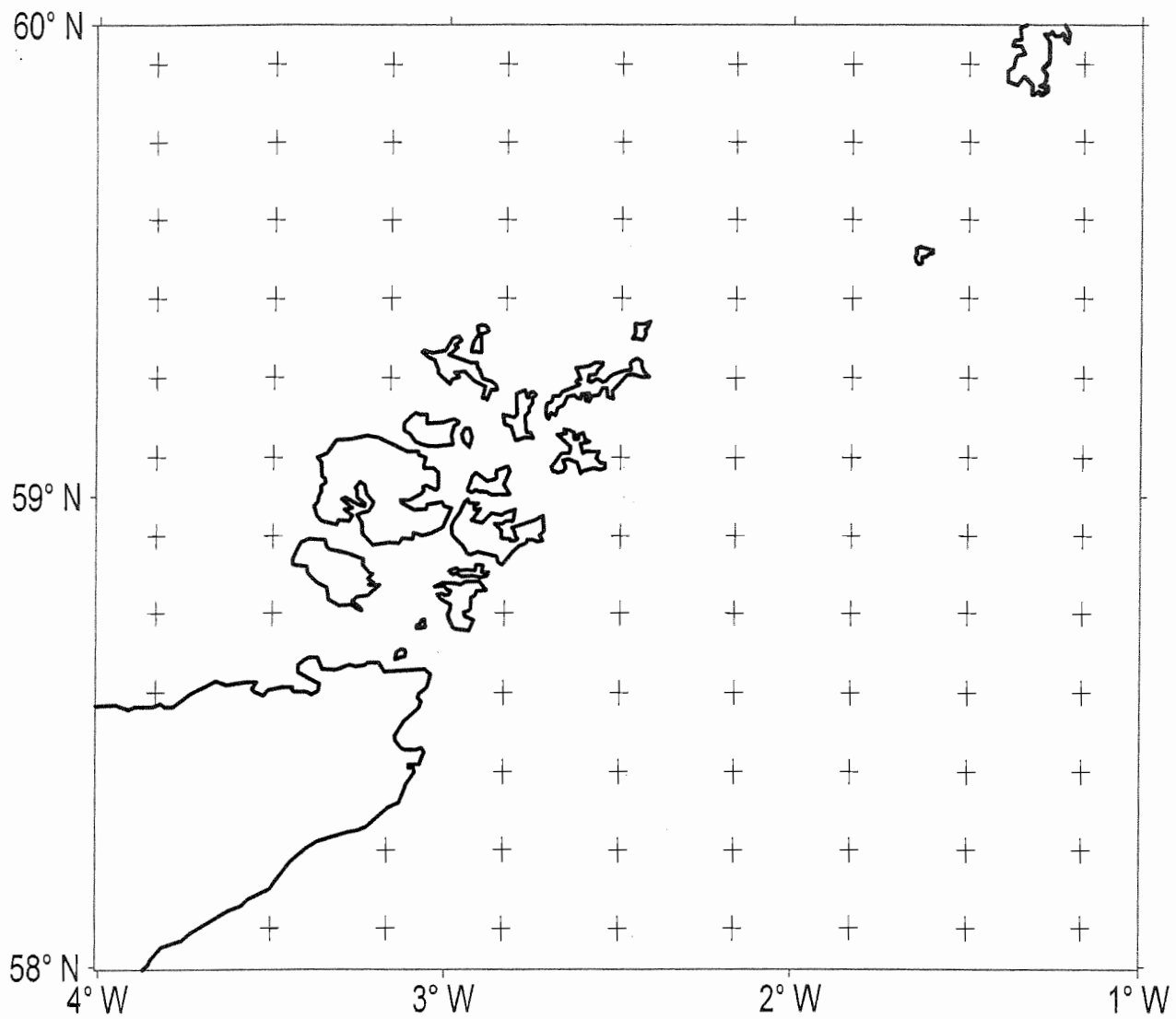


Figure 1: Proposed station grid in the Orkney/Shetland area