

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A. GENERAL

1. NAME OF RESEARCH SHIP *FFS "Walther Herwig III"* CRUISE NO. *WH 323*
2. DATE OF CRUISE FROM *04.06.2009* TO *06.07.2009*
3. OPERATING AUTHORITY *Bundesanstalt für Landwirtschaft
und Ernährung, Referat 522
Palmaille 9, 22767 Hamburg*
Telephone +49 40 38905171 / Telex 214763 bled / Fax +494038905128
4. OWNER (if different from para. 3) *Bundesrepublik Deutschland*
5. PARTICULARS OF SHIP

<u>NAME</u>	<i>FFS "Walther Herwig III"</i>
<u>NATIONALITY</u>	<i>German</i>
<u>OVERALL LENGTH (METRES)</u>	<i>64.50 metres</i>
<u>MAXIMUM DRAUGHT (METRES)</u>	<i>6.2 metres</i>
<u>NET TONNAGE</u>	<i>639 NZR</i>
<u>PROPULSION</u>	<i>Steam Turbine / Diesel / Diesel Electric</i>
<u>CALL SIGN</u>	<i>DBFR</i>
<u>REGISTERED PORT & NUMBER</u> (if registered fishing vessel)	
6. CREW

<u>NAME OF MASTER</u>	<i>H. O. Janßen or deputy</i>
<u>NUMBER OF CREW</u>	<i>21</i>
7. SCIENTIFIC PERSONNEL

<u>NAME AND ADDRESS OF</u>	<i>Dr. E. Bethke</i>
<u>SCIENTIST - IN - CHARGE</u>	<i>Institute of Sea Fisheries Palmaille 9 22767 Hamburg</i>
<u>Tel./FAX No.</u>	<i>+49 40 38905-203 +49 40 38905-264</i>
<u>NUMBER OF SCIENTISTS</u>	<i>12</i>
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in latitude and longitude):
58°28'N-004°43'W (Loch Eriboll) or 58°54'N-003°02'W (Orkney Islands, Scapa Flow)
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: *Calibration of echo sounder equipment as preparation of an international acoustic redfish survey off Iceland and Greenland during 04.06.-06.07.2009*
10. DATES AND NAMES OF INTENDED PORTS OF CALL: *None*
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: *None*

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP *FFS Walther Herwig III* CRUISE NO: *WH 323*
2. DATES OF CRUISE FROM 04.06.2009 TO 06.07.2009

3. a) PURPOSE OF RESEARCH

Calibration of echo sounder equipment as preparation of an international acoustic redfish survey off Iceland and Greenland during 04.06.-06.07.2009

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

Echo sounding at 38 kHz.

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

Figure 1 shows the location of the two alternative positions for echo sounder calibration purposes.

5. a) TYPES OF SAMPLES REQUIRED e.g. Geological / Water / Plankton / Fish/Radio nuclides.

None

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)

None

6. DETAILS OF MOORED EQUIPMENT: *none*

Dates:	<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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None

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

(a) TYPE AND TRADE NAME	Formaldehyde
(b) CHEMICAL CONTENT (& formula)	CH ₂ O
(c) IMO IMDG CODE Reference & UN No.	
(d) QUANTITY & METHOD OF STOWAGE ON BOARD	20 l canister
(e) IF EXPLOSIVES give date (s) of detonation	None
- 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:
- b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE.
(Attach separate sheet if necessary)

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.

Paul Fernandes
Fish Stock Monitoring Section
FRS Marine Laboratory Aberdeen
PO Box 101, Victoria Rd.
Aberdeen AB11 9DB,
Scotland, U.K.

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/DISEMBARKATION
Bremerhaven, 04.06.2009/06.07.2009
- (c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS
Cruise summary report through official channels; English summary will be available about 4 weeks after the trip

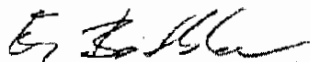
PART-C: SCIENTIFIC EQUIPMENT

COASTAL STATE *United Kingdom*COMPLETE THE FOLLOWING TABLE
SEPARATE COPY FOR EACH COASTAL STATEPORT CALL *None*

DATES:

INDICATE „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 UW 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			
Echo sounding Calibration of equipment	yes	no	no	yes	no	no



(On behalf of the Principal Scientist)

Dated 23.09.2008

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

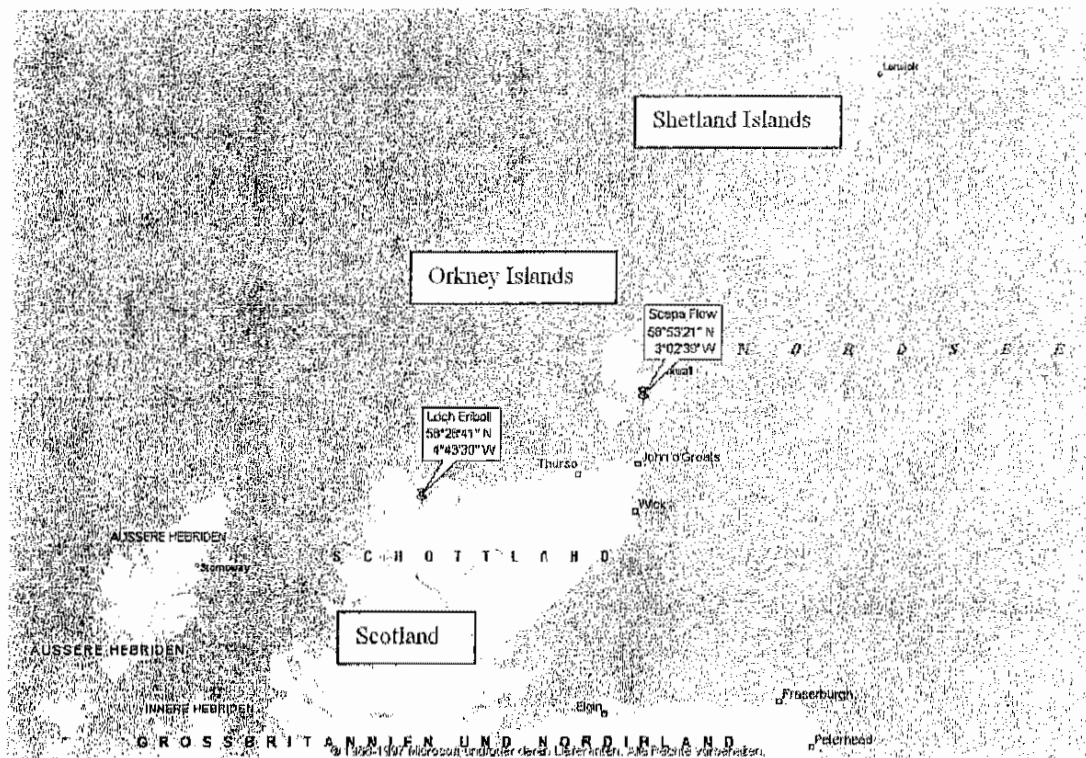


Fig. 1 Location of the two alternative positions for echo sounder calibration purposes.