



## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. *NAME OF RESEARCH SHIP* FFS Walther Herwig III *CRUISE NO.* WH252

2. *DATES OF CRUISE* From: 23/05/2003 To: 18/06/2003

3. a) *PURPOSE OF RESEARCH*

Calibration of echo sounder equipment as preparation of an international acoustic redfish survey off Iceland and Greenland during 23/05/2003 to 18/06/2003.

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 (on an appropriate scale) the geographical area of the intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed 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/Radionuclide)

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, quantify of fish to be retained on board)

None

6. *DETAILS OF MOORED EQUIPMENT*

*DATES:* None

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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7. *ANY HAZARDOUS MATERIALS*

(Chemicals, Explosives, Gases, Radioactive etc)

(use separate sheet, if necessary)

None

a) *TYPE AND TRADE NAME* Formaldehyde

b) *CHEMICAL CONTENT (& FORMULA)* CH\*\*20

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 DATA RELATING TO THE PROPOSED CRUISE*

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

Paul Fernandez,  
Fish Stock Monitoring Section,  
FRS Marine Laboratory Aberdeen,  
PO Box 101,  
Victoria Road,  
Aberdeen,  
AB11 9DB,  
Scotland.

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 PORTS FOR EMBARKATION/DISEMBARKATION*

Bremerhaven, 23/05/2003

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

PORT CALL: None

DATES:

11. COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE  
(indicate "Yes" or "No")

				DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	CONTINENTAL SHELF WORK ONLY BEYOND 200 NM, BUT WITHIN CONTINENTAL MARGIN
LIST SCIENTIFIC WORK BY FUNCTION 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			
Echo sounding calibration of equipment	Yes	No	No	Yes	No	No

(On behalf of the Principal Scientist)

Dated 05<sup>th</sup> November 2002

**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.**

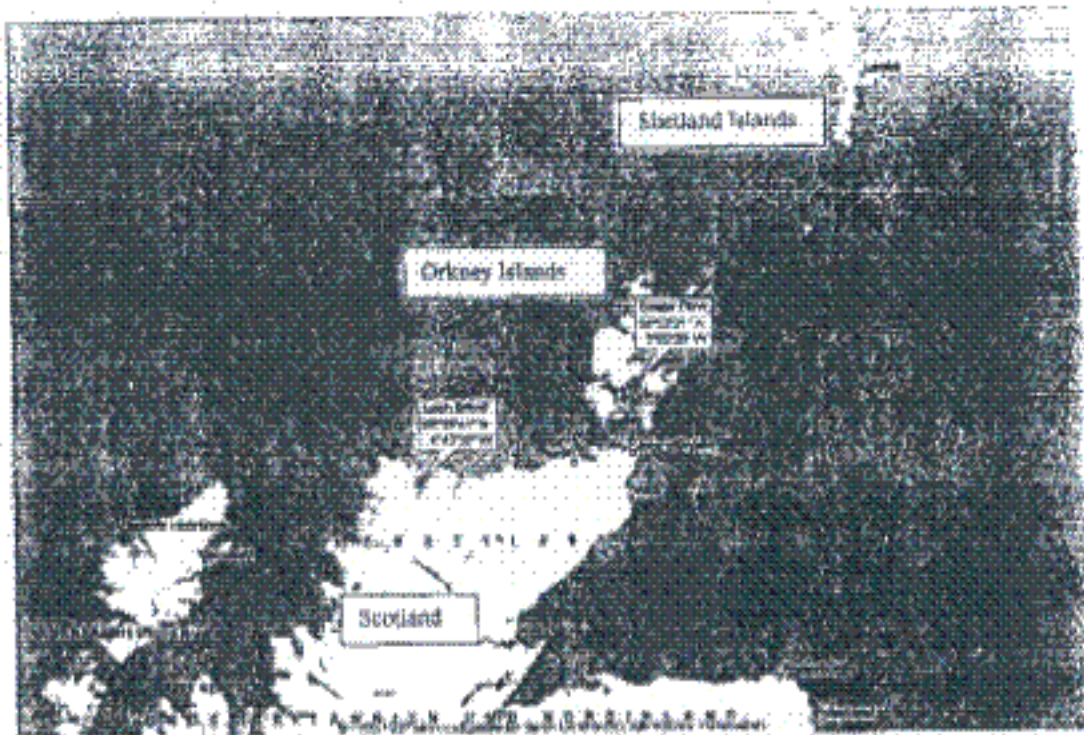


Fig. 1 Location of the two alternative positions for echo sounder calibration purposes.