

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP* FS 'POSEIDON' *CRUISE NO.* P303
2. *DATES OF CRUISE* From: 11/09/2003 To: 06/10/2003
3. *OPERATING AUTHORITY* Institut fuer Meereskunde an der UniversitatKiel,  
Dusternbrooker Weg 20,  
D-24105 KIEL,  
Germany.  
  
Telephone: (0431) 600-0  
Facsimile: (0431) 600-1515  
Telex: 67765 dfhh dk  
Email: ifm@ifm.uni-kiel.de
4. *OWNER*  
(if different from No. 3)
5. *PARTICULARS OF SHIP*  

<i>NAME:</i>	FS 'POSEIDON'
<i>NATIONALITY:</i>	German
<i>OVERALL LENGTH:</i>	60,80 metres
<i>MAXIMUM DRAUGHT:</i>	4,6 metres
<i>NETTONAGE:</i>	305,37
<i>PROPULSION:</i>	Diesel Electric
<i>CALL SIGN:</i>	DBKV
<i>REGISTERED PORT &amp; NUMBER:</i> (if registered fishing vessel)	Kiel, Germany
<i>TEL:</i>	INMARSAT 00871-1120101
<i>FAX:</i>	INMARSAT 00871-1120102
6. *CREW*  

<i>NAME OF MASTER:</i>	Lutz Mallon
<i>NO. OF CREW:</i>	18
7. *SCIENTIFIC PERSONNEL*  

<i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i>	Dagmar Hainbucher, Institut fuer Meereskunde, University of Hamburg, Tropowitzstrabbe 7, D-22529 Hamburg, Germany.
<i>TEL./FAX NO:</i>	+49 40 42838 5745/4644
<i>NUMBER OF SCIENTISTS:</i>	11
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*  
(with reference to latitude and longitude)  
North East Atlantic 53deg N - 69deg N; 04deg W - 34deg W
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*  
Measuring the overflow from the Arctic Seas over the Greenland-Shetland Ridge
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: DETAIL

1. *NAME OF RESEARCH SHIP* FS 'POSEIDON' *CRUISE NO.* P303
2. *DATES OF CRUISE* From: 11/09/2003 To: 06/10/2003
3. a) *PURPOSE OF RESEARCH*  
Estimating the overflow from the Norwegian Channel and Greenland Sea into the North Atlantic  
  
b) *GENERAL OPERATIONAL METHODS*  
(including full description of any fishing gear trawl type, mesh size, etc.)  
Hydrographic and current measurements
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)  
  
See chart attached
- 5a. *TYPES OF SAMPLES REQUIRED* e.g. Geological/Water/Plankton/Fish/Radioactivity/Isotope  
Water samples
- 5b. *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)  
  
Rosette water sampler attached to a CTD
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*
  - 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*

Valdivia cruises 160/164/171/177

Poseidon cruise 264, 294

Kommandor Jack cruise 02 and 03 July 2001

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

None

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*

Dr. William Richard Turrell,  
Fisheries Research Services Marine Laboratory (FRS),  
P.O. 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*

Yes, on appointment with the chief scientist

c) *WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS*

Cruise report three months after finishing the research cruise

**PART C: SCIENTIFIC EQUIPMENT**

COASTAL STATE: United Kingdom

PORT CALL: None

DATES:

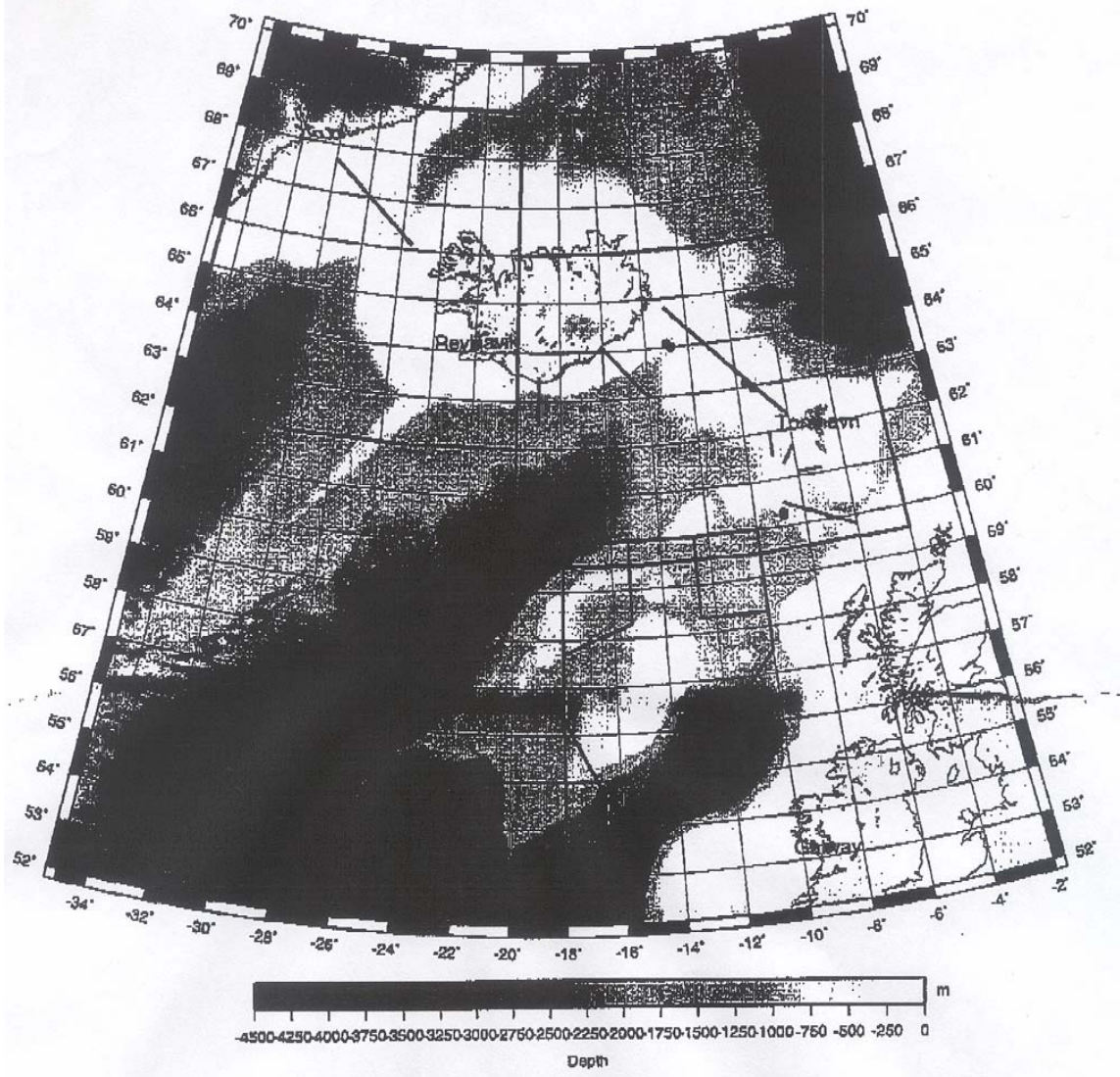
11. COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE  
(indicate "Yes" or "No")

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	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY)  BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
Hydrography (CTD and water sampling)	No	No	No	No	Yes	Yes
Current profiling (vessel mounted ADCP)	No	No	No	No	Yes	Yes
Underway measurements (thermosalinograph, echo sounding, meteorological parameters)	No	No	No	No	Yes	Yes

(On behalf of the Principal Scientist)

Dated 16 April 2003

**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.**



Poseidon cruise P303: mooring positions (dots), areas of hydrographic surveys (boxes) with intended sections (bold lines); details of sections depend on actual hydrographic conditions in the overflow