

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* Dana *CRUISE NO.* 06/2003
2. *DATES OF CRUISE* From: 26/08/2003 To: 12/09/2003
3. *OPERATING AUTHORITY* Danish Institute for Fisheries Research,
Charlottenlund Castle,
DK-2920 Charlottenlund, Denmark.

Telephone: 33963300
Facsimile: 33963260
Telex: 67765 dfhh dk
Email: hfi@dfu.min.dk
4. *OWNER*
(if different from No. 3) Ministry of Food, Agriculture and Fisheries,
Holbergsgade 2,
DK-1057 Copenhagen K,
Denmark.
5. *PARTICULARS OF SHIP*
NAME: Dana
NATIONALITY: Danish
OVERALL LENGTH: 80 metres
MAXIMUM DRAUGHT: 6.3 metres
NET TONNAGE: 669.53 t
PROPULSION: Steam Turbine/Diesel/Diesel Electric
CALL SIGN: OXBH
REGISTERED PORT & NUMBER:
(if registered fishing vessel) Hirtshals
6. *CREW*
NAME OF MASTER: Frode Larsen
NO. OF CREW: 28
7. *SCIENTIFIC PERSONNEL*
NAME AND ADDRESS OF SCIENTIST IN CHARGE: Jorgen Dalskov,
Danish Inst. for Fisheries Research,
Charlottenlund Castle,
DK-2920 Charlottenlund, Denmark.

TEL./FAX NO: 33963300/33963333

NUMBER OF SCIENTISTS: 10
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
52deg N - 62deg N; 3deg W - 4deg E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
ICES Int. Bottom Trawl Survey
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
None
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*
None

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* Dana *CRUISE NO.* 06/2003
2. *DATES OF CRUISE* From: 26/08/2003 To: 12/09/2003
3. *a) PURPOSE OF RESEARCH*
ICES Int. Bottom Trawl Survey

b) GENERAL OPERATIONAL METHODS
(including full description of any fishing gear trawl type, mesh size, etc.)
Trawling Gear: GIV, CTD sonder, ISAAC-KIDD, MIK
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 map
5. *a) TYPES OF SAMPLES REQUIRED*
(e.g. Geological/Water/Plankton/Fish/Radionuclide)

Fish, fish larvae, water

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)

Fishing
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*

Yearly IBTS cruise since 1982 - last Dana cruise 1/2003

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

Several numbers of ICES reports

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*

Trevor Boon, Fisheries Laboratory, Lowestoft, UK
John Cotter, CEFAS, UK

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, by special arrangement

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

Report of ICES, ICES C.M. 2004, April 2004

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: United Kingdom
 PORT CALL: none
 DATES: see above

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 100 BUT WITHIN THE CONTINENTAL MARGIN
Trawling	Yes	Yes	No	Yes	Yes	Yes
ISACC-KIDD, MIK	Yes	Yes	No	Yes	Yes	Yes
Water Sampling	Yes	Yes	No	Yes	Yes	Yes
CTD sonde	Yes	Yes	No	Yes	Yes	Yes
Echo Sounding	Yes	Yes	No	Yes	Yes	Yes

(On behalf of the Principal Scientist)

Dated 28 February 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.