

NOTIFICATION OF PROPOSED RESEARCH CRUISEPART A. GENERAL

1. NAME OF RESEARCH SHIP **DANA** CRUISE NO. 01/2009
2. DATES OF CRUISE FROM 27.01.2009 TO 25.02.2009
3. OPERATING AUTHORITY **DTU-Aqua (Danish Institute for Fisheries Research)**
Charlottenlund Castle
DK- 2920 Charlottenlund
Telephone: 33963300 Telex: 67765 dfhh dk Fax: 33963333 E-mail: hfi@dfu.min.dk
4. OWNER (if different for para.3) **DTU-Aqua**
Charlottenlund Castle, DK- 2920 Charlottenlund
5. PARTICULARS OF SHIP NAME **DANA**
NATIONALITY **Danish**
OVERALL LENGTH **80 metres**
MAXIMUM DRAUGHT **6.3 metres**
NETT TONNAGE **669.53 t**
PROPULSION **Steam Turbine/Diesel/Diesel Electric**
CALL SIGN **AXBH**
REGISTRATION PORT & NUMBER **Hirtshals**
(if reg. fishing vessel)
6. CREW NAME OF MASTER **Frode Larsen**
NUMBER OF CREW **28**
7. SCIENTIFIC PERSONNEL NAME AND ADDRESS OF Jørgen Dalskov
SCIENTIST IN CHARGE Danish Inst. For Fisheries Research
Charlottenlund Castle
DK-2920 Charlottenlund, Denmark
TEL/TELEX/FAX NO 33963300 // 33963333
NUMBER OF SCIENTISTS 10
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude and Longitude):
52° N - 62° N , 3° W – 4° 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

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP **DANA** CRUISE NO. 01/2009

2. DATES OF CRUISE FROM 27.01.2009 TO 25.02.2009

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: GOV, 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 eg Geological/water/plankton/fish/radionuclide:

Fish, Larvae, Water

b) METHODS OF OBTAINING SAMPLES e.g. dredging/coring/drilling/fishing etc.)

Fishing

6a. DETAILS OF MOORED EQUIPMENT:

Dates: **None**

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Latitude</u>	<u>Longitude</u>
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7. ANY HAZARDOUS MATERIALS e.g. chemicals/explosives/gases/radioactives etc)
(use separate sheet if necessary) **None**

- (a) TYPE OF TRADE NAME
- (b) CHEMICAL CONTENT (& FORMULA)
- (c) IMO IMDG CODE Reference & UN Number
- (d) QUANTITY & METHODS 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 Cruises since 1982 last Dana Cruise Sept. 2008

(b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE:

A several number of ICES reports

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:

Trevor Boon	John Cotter
Fisheries Laboratory	CEFAS
Lowestoft	UK
UK	

10. STATE:

(a) WHETHER VISITS TO THE SHIP IN PORT BY SCIENTIST 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 THE 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. 2008, May 2008

12. SCIENTIFIC EQUIPMENT

COASTAL STATE:

UNITED KINGDOM

PORT CALL:

COMPLETE THE FOLLOWING TABLE –
SEPARATE COPY FOR EACH COASTAL STATE

DATES:

INDICATE "YES" OR "NO"

<u>LIST SCIENTIFIC WORK BY FUNCTION</u> e.g. : MAGNETOMETRY: GRAVITY DIVING: SEISMICS: BATHYMETRY: SEABED SAMPLING: TRAWLING: ECHO SOUNDING: WATER SAMPLING U/W T.V.: 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		
				WHITIN 12 NMS	BETWEEN 12-200 NMS	CONTINENTAL SHELF WORK ONLY: BEYOND 100 NM 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

Nina Holm

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(On behalf of the Principal Scientist)

Dated: ...12..11..... 2008....

NB 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.