



NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B. GENERAL

1. NAME OF RESEARCH SHIP                      **DANA**                                      CRUISE NO.      01/2013

2. DATES OF CRUISE                              FROM      01.02.2012                                      TO      18.02.2012

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**

Laying              Recovery              Description                                      Latitude              Longitude

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. 2012

(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. 2012, May 2013

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><br><br>e.g. :<br>MAGNETOMETRY:<br>GRAVITY<br>DIVING:<br>SEISMICS:<br>BATHYMETRY:<br>SEABED SAMPLING:<br>TRAWLING:<br>ECHO SOUNDING:<br>WATER SAMPLING<br>U/W T.V.:<br>MOORED<br>INSTRUMENTS:<br>TOWED<br>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:<br><br>BEYOND 100 NM BUT WITHIN THE CONTINENTAL MARGIN |
| Trawling  | Yes  | Yes                                      | No   | No                  | Yes                | Yes   |
| ISACC-KIDD, MIK   | Yes  | Yes                                      | No   | No                  | Yes                | Yes   |
| Water Sampling  | Yes  | Yes                                      | No   | No                  | Yes                | Yes   |
| CTD sonde   | Yes  | Yes                                      | No   | No                  | Yes                | Yes   |
| Echo sounding   | Yes  | Yes                                      | No   | No                  | Yes                | Yes   |

Nina Holm

.....  
(On behalf of the Principal Scientist)

Dated: ...06.11..... 2012....

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.