United Kingdom

APPLICATION FOR A RESEARCH CRUISE WITHIN A COASTAL STATE'S FISHERY LIMITS

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CREW

1. NAME OF RESEARCH SHIP DANA CRUISE NO. 07/2017

2. **DATES OF CRUISE FROM** 17/7 2017 **TO** 3/8 2017

3. **OPERATING AUTHORITY** DTU Aqua (Danish Institute for Fisheries Research)

Charlottenlund Castle
DK-2920 Charlottenlund

Telephone: +45 35 88 33 00 Fax.: +45 35 88 33 33 E-mail: aqua@aqua.dtu.dk

. OWNER (if different for para.3) DTU Aqua

Charlottenlund Castle, DK-2920 Charlottenlund

5. PARTICULARS OF SHIP NAME DANA

NATIONALITY Danish

OVERALL LENGTH (metres) 80 metres

MAXIMUM DRAUGHT (metres) 6.3 metres
NET TONNAGE 669.53 t

TET TOTALIGE

METHOD OF PROPULSION Steam Turbine/Diesel/Diesel Electric

CALL SIGN OXBH
REGISTERED PORT & NUMBER Hirtshals

(if reg. fishing vessel)

(II reg. listing vesser

NAME OF MASTER Claus Persson

NUMBER OF CREW 20

7. SCIENTIFIC PERSONNEL NAME AND ADDRESS OF Kai Wieland / Helle Rasmussen

SCIENTIST IN CHARGE DTU Aqua

North Sea Center DK-9850 Hirtshals

TEL NO / FAX NO +45 35 88 33 00 / +45 35 88 33 33

NUMBER OF SCIENTISTS 10

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude and Longitude):

51°00'N - 58°00'N, 02°00'W -10°00'E

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

IBTS (International Bottom Trawl Survey)

10. DATES AND NAMES OF INTENDED PORTS OF CALL:

NONE

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

NONE

B. DETAIL

1.	NAME OF RESEARCH SHIP	DANA	CRUISE NO. 07	/2017

2. **DATES OF CRUISE** FROM 17/7 2017 T0: 3/8 2017

3. PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODE

International Bottom Trawl Survey. Trawling.

4. PLEASE ATTACH CHART showing, at the appropriate scale the geographical area of the intended work, the areas to be fished, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment etc.:

See map

- 5a. TYPES OF SAMPLES REQUIRED e.g. Geological/water/plankton/fish. If fishing gear is to be used please indicate what fish stocks will be worked, the maximum quantity required of each species/stock and the quantity of fish to be retained on board:
 Fish: Herring, cod, haddock, whiting, sprat, Norway pout, mackerel, fish larvae and water
- 5b. METHODS BY WHICH SAMPLES WILL BE OBTAINED (e.g. dredging/coring/drilling/fishing etc.)
 Fishing

6a. DETAILS OF MOORED EQUIPMENT:

Dates: Laying Recovery Description Latitude Longitude

None

6b. FULL DESCRIPTION FOR ALL FISHING GEAR TO BE USED (e.g. bottom trawl, mesh size, attachments etc.):

GOV-trawl: Bottom trawl (16 mm)

ISAAC-KIDD MIDWATER TRAWL: Pelagic (larvae) (5 mm).

7. ANY HAZARDOUS MATERIALS e.g. chemicals/explosives/gases/radioactives etc)

(use seperate 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. PLEASE SET OUT DETAILS OF:
 - (a) ANY RELEVANT PREVIOUS/FUTURE CRUISES:

NS-IBTS 1981 - 2016

(b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE: (Attach separate sheet if necessary)

ICES IBTSWG several 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:

Jim Ellis

Finlay Burns

CEFAS

Marine Scotland Science

Lowestoft Laboratory

Marine Laboratory

Lowestoft

Aberdeen

UK

UK

- 10. STATE:
 - (a) WHETHER <u>VISITS TO THE SHIP</u> IN PORT BY COASTAL STATE SCIENTISTS WILL BE ACCEPTABLE:

YES

(b) WHETHER IT WILL BE ACCEPTABLE TO CARRY ON BOARD AN OBSERVER FOR ANY PART OF THE CRUISE

YES

(If 'yes' please indicate possible dates and ports of embarkation/disembarkation)

By Special arrangement

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

ICES DATRAS September 2017, IBTSWG April 2018

If the report will not be available within 12 months of the cruise, please set out, an explanation for the delay indicating when the report will be available.

SCIENTIFIC EQUIPMENT

Complete the following table separate copy for each coastal state COASTAL STATE: United Kingdom

PORT CALL: None

DATES: 17/7 - 3/8 2017

Indicate 'yes' or 'no' other than for fishing gear when the total hours of fishing in each zone should be indicated

LIST SCIENTIFIC			DISTANCE FROM COAST			
e.g.: Magnetometry Gravity diving Seismics Bathymetry Seabed sampling Trawling Echo sounding Water sampling U/W TV Moored instruments Towed instruments	Water Column	Fisheries Research within fishing limits	Research concerning Continental shelf out of Coastal State's margin	Within 3 NM	Between 3-12 NM	Between 12 and 200 NM
Trawling Water sampling CTD ISAAC-KIDD Echo sounding	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	No No No No	No No No No	No No No No	Yes Yes Yes Yes Yes

.....Linda Stuhr Christenser

(On behalf of the Principal Scientist)

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.