#### Iceland

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

### A. GENERAL

1. NAME OF RESEARCH SHIP

**DANA** 

CRUISE NO.

10B

2. DATES OF CRUISE

FROM

28-5-2010

TO

05-6-2010

3. **OPERATING AUTHORITY** 

DTU- Institute for Aquatic Resources

Charlottenlund Slot

2920 Charlottenlund, Denmark

Telephone: 33963300 Telex: 67765 dfhh dk Fax: 33963333 E-mail: hfi@dfu.min.dk

4. OWNER (if different for para.3)

Technical University of Denmark

5. PARTICULARS OF SHIP

NAME

**DANA** 

NATIONALITY

Danish

**OVERALL LENGTH (metres)** 

80 metres

**MAXIMUM DRAUGHT (metres)** 

6.3 metres

**NET TONNAGE** 

669.53 t

METHOD OF PROPULSION

Steam Turbine/Diesel/Diesel Electric

CALL SIGN

OXBH

REGISTERED 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

SCIENTIST IN CHARGE

Andre W. Visser

DTU- Institute for Aquatic Resources

Charlottenlund Slot

2920 Charlottenlund, Denmark

TEL/TELEX/FAX NO

Telefon: 35 88 34 25

Fax: 33 96 34 34

NUMBER OF SCIENTISTS

20

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

60 N 23 W to 63 N 15 W

- 9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: Scientific cruise with the principal purpose to acquire information on marine plankton and biochemical composition
- 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.

10B

2. DATES OF CRUISE

FROM

28-5-2010

TO

05-6-2010

## 3. PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODE

The aim of the cruise is to investigate and sample the water column. Physical and chemical conditions will be measured by CTD and water sampling, while plankton will be sampled by small fine-meshed gears.

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:

Physical and plankton

5b. METHODS BY WHICH SAMPLES WILL BE OBTAINED (e.g. dredging/coring/drilling/fishing etc.)

CTD water samples, plankton nets

6a. DETAILS OF MOORED EQUIPMENT:

Dates:

Laying

Recovery

Description

<u>Latitude</u>

Longitude

None

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

NONE

Daga 2/5

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: This cruise is related to another investigation on the Ecosystem of west Greenland, and supplement earlier sampling carried out on the Danish Galathae3 Expedition 2006.
  - (b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE: (Attach separate sheet if necessary):
- 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:
- 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:

Post-cruise report, scientific publication.

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

## 12. SCIENTIFIC EQUIPMENT

Complete the following table – separate copy for each coastal state

COASTAL STATE: ICELAND

PORT CALL: NONE

DATES: 28-05-2010 to 5-06-2010

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

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 X	Fisheries Research within fishing limits	Research concerning Continental shelf out of Coastal State's margin	DISTANCE FROM COAST  80-190 nautical miles		
				Whitin 12 NM	Between 3-12 NM	Between 12 and 200 NM
Physical, chemical	0–1500 m	NO	Yes	NO	NO	YES
Plankton	0–500 m	NO	yes	NO	NO	YES
			1			

Nima	Holm		
Nilla	Holm	 	 

**Dated:** 28.05.2010

(On behalf of the Principal Scientist)