Dear Eiliff,

Please see attached Research Cruise application (NV07/10) for the FV Allegiance S 1 June – 31 July 2010. Details of the cruise are attached, grateful for clearance. Tusen Takk.
NOTE VERBALE 07/10

Her Britannic Majesty's Embassy present their compliments to the Directorate of Fisheries and have the honour to request clearance for the British Registered Vessel FV Allegiance 5 to enter Norwegian waters in order to conduct a research cruise during the period 1 June 10 – 31 July 10. The vessel will not be making a port call, full details of the research cruise are attached.

The British Embassy avails itself of the opportunity to renew to the Directorate of Fisheries the assurance of their highest consideration.
NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP
   FV Allegiance S

2. DATES OF CRUISE
   From 1 June 2010
   To 31 July 2010
   30 days fishing with timing by area weather dependent

3. OPERATING AUTHORITY:
   Defra/Cefas

   TELEPHONE:
   01502 562244

   TELEFAX:
   01502 513865

   TELEX:
   97470

4. OWNER (if different from no. 3)
   Fred Normandale
   30 Castlegate
   Scarborough
   N Yorks
   YO11 1QY

   Tel: 01723 367887
   Mob: 07802 940565
   Email: fred.normandale@virgin.net

5. PARTICULARS OF SHIP:
   Name:
   FV Allegiance S
   Nationality:
   British
   Overall length: (in metres)
   18.26
   Maximum draught: (in metres)
   4.1
   Net tonnage:
   145
   Propulsion e.g. diesel/steam:
   Diesel
   Call sign:
   GJGR
   Registration port and number
   Scarborough
   SIH90

6. CREW
   Name of master:
   Danny Normandale
   Number of crew:
   5

7. SCIENTIFIC PERSONNEL:
   Name and address of scientist in charge:
   Chris Darby
   Cefas
   Lowestoft Laboratory
   Pakefield Road
   Lowestoft
   Suffolk
   NR33 9HT
   UK

   Tel/telex/fax no.:
   Tel +44 (0) 1502 562244
   Fax +44 (0) 1502 513865
   No. of scientists:
   1

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)
   The North Sea from 53°30’N – 61°N, 1°W - 7°E
9. **BRIEF DESCRIPTION OF PURPOSE OF CRUISE**

This survey is the second in a series of scientific fishing survey conducted by a commercial fishing vessel covering representative fishing grounds within a large part of the North Sea during June and or July. The vessel uses a combination of traditional English fishing gears to cover both hard and soft grounds. A Cefas scientific observer will accompany the survey. The whole catch will be recorded but detailed measurements will be made of the catches of cod, whiting and haddock, and of plaice if resources permit.

10. **DATES AND NAMES OF INTENDED PORTS OF CALL**

Weather dependent - Lauwersoog, Peterhead,

11. **ANY SPECIAL REQUIREMENTS AT PORTS OF CALL**

None
NOTIFICATION OF PROPOSED RESEARCH CRUISE

1. PART B: DETAILS

1. NAME OF RESEARCH SHIP

FV Allegiance S

2. DATES OF CRUISE

From 1 June 2010
30 days fishing with timing by area weather dependent

To 31 July 2010

CRUISE NO.

FSP (2010-11) (7)

3. a) PURPOSE OF RESEARCH

This survey is the second in a series of scientific fishing survey conducted by a commercial fishing vessel covering representative fishing grounds within a large part of the North Sea during June and or July. The vessel uses a combination of traditional English fishing gears to cover both hard and soft grounds. A Cefas scientific observer will accompany the survey. The whole catch will be recorded but detailed measurements will be made of the catches of cod, whiting and haddock, and of plaice if resources permit.

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)

Fishing Gear will comprise two gear types for use on hard and soft ground:

1) A whitefish otter trawl:

   Net: 130 ft Caley trawl

   Ground Gear: 130 ft total, 80ft rock-hoppers, 25ft wing chains, headline 100 ft.

   Sweeps: 45fathom total, 30 fm splits, 10 fm rubber sweeps, 5 fm 5/8 chain.

   Doors: 76” Patent B Perfect Doors, 600kg.

2) A scraper trawl for fishing soft ground:

   Net: 160ft Falcon trawl

   Ground Gear: 160ft total, 8” Discs in central 50% section, 6” discs in the 55ft section on either side.

   Sweeps (Bridles): 142 fathom total, 10 fm splits, 10 fm rubber sweep, 120 fm combination, 2 fm 5/8 chain

   Doors: 76” Patent B Perfect Doors, 600kg.
4. ATTACH CHART showing (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished

Map of the indicating the area within which sampling will be carried out on known fishing grounds.

5. a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclides)

Fish - cod, haddock, whiting, plaice

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, and quantity of fish to be retained on board).

Fish - All fish retained to provide length and other biological data

6. DETAILS OF MOORED EQUIPMENT

<table>
<thead>
<tr>
<th>Dates Laying</th>
<th>Recovery</th>
<th>Description</th>
<th>Depth</th>
<th>Latitude</th>
<th>Longitude</th>
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<tbody>
<tr>
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</tbody>
</table>

7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc.)
(Use separate sheet if necessary)

a) Type and trade name

None

b) Chemical content (and formula)

None
c) IMO IMDG code (reference and UN no.) None

d) Quantity and method of storage on board None

e) If explosives give dates of detonation None
  • Method of detonation
  • Position of detonation
  • Frequency of detonation
  • Depth of detonation
  • Size of explosive charge in kg.

8. DETAIL AND REFERENCE OF

a) Any relevant previous/future cruises

The cruise is the second in a series that will form the basis of a future time series of information to be supplied to the ICES North Sea demersal species assessment working group for the evaluation of stock trends.

Results first survey, conducted in 2009, are published in report format at http://www.cefas.co.uk/media/137506/nsw2009report.pdf.

b) Any previously published research data relating to the proposed cruise

Results first survey, conducted in 2009, are published in report format at http://www.cefas.co.uk/media/137506/nsw2009report.pdf.

Information collected by similar research surveys can be found at http://www.cefas.co.uk/data/fisheries-science-partnership-(fsp).aspx

Information on the ICES working group to which the data will be submitted can be found at http://www.ices.dk/iceswork/wgdetailacfm.asp?wg=WGNSSK

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

Torre Jakobson, Institute of Marine Research, P.O. Box 1870 Nordnes, N-5817 Bergen, Norway

10. STATE

a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable (Yes/No)

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 and disembarkation

Please contact S.I.C if interested – Limited space available

c) When research data from the intended cruise are likely to be made available to the coastal state and by what means

Raw data can be made available on request; information will be published in report format at http://www.cefas.co.uk/data/fisheries-science-partnership-(fsp).aspx
## PART C. SCIENTIFIC EQUIPMENT

Complete the following table using a separate page for each coastal state.

- **Coastal state**: Norway
- **Port of call**: None
- **Dates**: June/July 2010

Indicate "YES" or "NO"

<table>
<thead>
<tr>
<th>List scientific work by function e.g.</th>
<th>Water column including sediment sampling of the seabed</th>
<th>Fisheries research within fishing limits</th>
<th>Research concerning the natural resources of the continental shelf or its physical characteristics</th>
<th>DISTANCE FROM COAST</th>
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</thead>
<tbody>
<tr>
<td>Magnetometry</td>
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<td>Within 4 nm</td>
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<td>Gravity</td>
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<td>Between 12-200 nm</td>
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<tr>
<td>Towed instr.</td>
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**PAULINE BURCH**

2010

Dated _22 FEB_
(On behalf of the Principal Scientist)