#### NOTIFICATION OF PROPOSED RESEARCH CRUISE

## General

# Part A

01. Name of research ship
02. Dates of cruise
F. K. "Senckenberg"
from: 18.07.2010
cruise No.
to: 29.07.2010

03. Operating Authority: Senckenbergische Gesellschaft für Naturforschung

Senckenberganlage 25

D- 60325 Frankfurt

04. Owner (if different from para 3)

05. Particulars of ship Name F. K. "Senckenberg"

Nationality German
Overall length 29,71 m
Maximum draught 2,74m
Nett tonnage 47,21
Propulsion Diesel
Call sign DDAW

06. Crew Name of Master **Karl Baumann** 

No. of crew 5

07. Scientific personnel Name and adress of scientist **Prof. Dr. Michael Türkay** 

in charge Adr. as operat. authority

Tel./Fax/Telex No. +49-69-75421-240

No. of scientists 5

08. Geographical areas in which ship will operate (with reference in latitude and longitude)

British sector of Dogger Bank. Total cruise area: Rect. 54°10'N 4°25'E 55°35'N
1°10'E

09. Brief description of purpose of cruise

Sampling of bottom animals and plancton, gathering sediment samples to a depth of 30cm, photo documentation.

- 10. Dates and names of intended ports of call **none**
- 11. Any special logistic requirements at ports of call

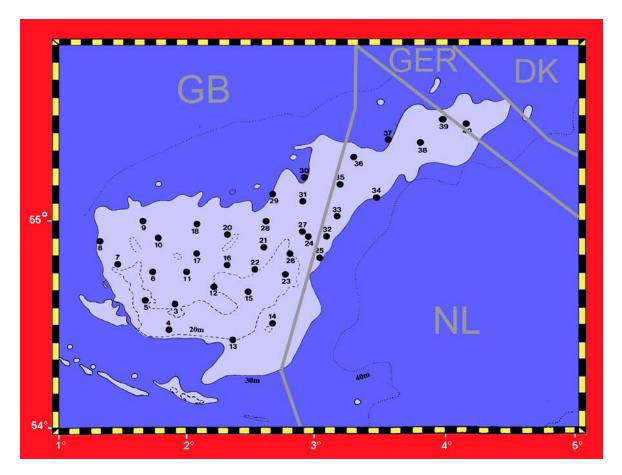
#### Part B: Detail

01. Name of research ship
02. Dates of cruise
F. K. "Senckenberg"
from: 18.07.2011
to: 29.07.2011

03. Purpose of research and general operational methods

Collecting bottom animals by beam trawl dredging, Van-Veen-grab and ring dredge. Collecting of Plancton at selected stations. Records of water temperature, salinity, current strength and direction.

04. 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.



05. Types of samples required, e.g. Geological / Water / Plankton / Fish / Radioactivity / Isotope

All types of bottom animals obtainable by dredging and grabbing (Benthos). Plancton samples, sediment samples. Special interest in Decapod Crustaceans.

and methods by which samples will be obtained (including dredging / coring / drilling).

**Grabbing, Trawling, Dredging** 

06. Details of moored equipment: none

### 07. Explosives: **none**

- (a) Type and Trade name:
- (b) Chemical content
- (c) Dept. of Trade class and stowage
- (d) Size
- (e) Depth of deponation
- (f) Frequency of detonation
- (g) Position in latitude and longitude
- (h) Dates of detonation
- 08. Detail and reference of
  - (a) Any relevant previous/future cruises

Doggerbank Cruises 16.-21.5.1977, 26.7.-8.8.1991, 27.7.-7.8.1992, 27.7.-5.8.1993, 21.-27.7.1994, 24.7.-4.8.1995, 22.7.-2.8.1996, 14.-25.7.1997, 2.-13.8.1999, 17.-27.7.2001, 22.07.2002-02.08.2002, 28.07.2003-08.08.2003, 02.-12.08.2004, 01.-12.8.2005, 17.7.2006-28.7.2006, 29.07.2008-07.08.2008, 21.01. - 04. 02. 2009, 06. 08.-16. 08. 2009, 09. 02.-22. 02. 2010, 26.07.-25.08.2010, 24.01.-06.02.2011

(b) Any previous published research data relating to the porposed cruise. (Attach separate sheet if necessary)

Sonnewald M & Türkay M (2011) The megaepifauna of the Dogger Bank (North Sea): species composition and faunal characteristics 1991–2008. Helgoland Marine Research. Online first: DOI: 10.1007/s10152-011-0247-2

09. Names and addresses of scientists of the coastal state in whose waters the proposed cruise takes place with whom previous contact has been made.

#### none

- 10. State
  - (a) Whether visitis to the ship in port by scientists of the coastal state concerned will be acceptable.

# No ports of call

- (b) Whether it will be acceptable to carry on board an observer from the coastal state for any part of the cruise and dates and ports of embarkation/disembarkation.

  No objections, but probably no berths left. Day trips or longer ones in good weather conditions unproblematic, Ctct chief scientist
- (c) When research data from intended cruise is likely to be made availabel to the coastal state and if so by what means.
- -technical Report six months after finishing the research cruise
- -Final results will be published and reprints be made available

# 11. Complete the following table-SEPARATE COPY FOR EACH COASTAL STATE (indicate `YES` or `NO`)

List of all major Marine Scientific Equipment it is proposed to use and indicate waters in which it will be deployed State: UK	Fisheries Research within Fishing Limits	Water column including sediment sampling of the seabed	Research concerning the natural resources of the continental shelf or its physical characteristics	within 12 NM	Between 12-200 NM	beyond 200 NM but within the ontinent al margin
Beamtrawl 2m breadth Hard bottom	no no	yes yes	no	no no	yes	no no
dredge Van Veen grab Box corer	no no	yes yes	no no	no no	yes yes	no no
Plancton net Ring Dredge CTD probe	no no	yes yes	no no	no no	yes yes	no no
RCM9 probe	no no	no no	no no	no no	yes yes	no no