

NOTIFICATION OF PROPOSED RESEARCH CRUISE

General

Part A

01. Name of research ship **F. K. „Senckenberg“** Cruise No.
02. Dates of cruise from: **18.07.2010** 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 in charge | Prof. Dr. Michael Türkay
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
none

Part B : Detail

01. Name of research ship **F. K. „Senckenberg“** Cruise No.
 02. Dates of cruise 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).
 Plankton 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 proposed 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**

SCIENTIFIC EQUIPMENT

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	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 continental margin
State: UK						
Beamtrawl 2m breadth	no	yes	no	no	yes	no
Hard bottom dredge	no	yes	no	no	yes	no
Van Veen grab	no	yes	no	no	yes	no
Box corer	no	yes	no	no	yes	no
Plancton net	no	yes	no	no	yes	no
Ring Dredge	no	yes	no	no	yes	no
CTD probe	no	no	no	no	yes	no
RCM9 probe	no	no	no	no	yes	no