

## GENERAL Part A

- |     |   |  |  |
|-----|---|--|--|
| 1.  | <b>Name of research ship</b>  | r/v Senckenberg  | Cruise No. 10  |
| 2.  | <b>Dates of cruise</b>  | from 30.04.07  | to 11.05.07  |
| 3.  | <b>Operating authority</b>  | Senckenberg Institute<br>Dept. for Marine Research<br>Südstrand 40<br>D- 26382 Wilhelmshaven   |  |
| 4.  | <b>Owner</b> (if different from para. 3)  | Senckenberg. Naturf. Gesellschaft, 60325 Frankfurt a.M.  |  |
| 5.  | <b>Particulars of ship:</b>   | Name<br>Nationality<br>Overall length<br>Maximum draught<br>Gross tonnage<br>Propulsion<br>Call sign<br>INMARSAT-Phone<br>INMARSAT-Fax | r/v Senckenberg<br>German<br>29.5 m<br>3 m<br>55 BRZ<br>Diesel<br>DDAW   |
| 6.  | <b>Crew</b>   | Name of master<br>No. of crew  | Karl Baumann<br>5  |
| 7.  | <b>Scientific personnel:</b>  | Name and address<br>of scientist in charge   | PD Dr. Ingrid Kröncke<br>Senckenberg Institute<br>Dept. for marine Research<br>Südstrand 40<br>26382 Wilhelmshaven<br><br>Telephone +49-4421-9475-250<br>Telex<br>Telefax +49-4421-9475-299<br>No. of scientists 5 |
| 8.  | <b>Geographical area in which ship will operate</b> (with reference to latitude and longitude)<br>54°00.00`N, 001° 00.00`W – 56°10.00`N, 005°00.00`E<br>(station list and chart attached as appendix) |  |  |
| 9.  | <b>Brief description of purpose of cruise</b><br>Ecology of benthic communities of the Dogger Bank  |  |  |
| 10. | <b>Dates and names of intended ports of call</b><br><br>No ports  |  |  |
| 11. | <b>Any special logistic requirements at ports of call</b><br><br>No   |  |  |

**DETAIL PART B**

1. **Name of research ship**                      r/v Senckenberg                      Cruise No. 10

2. **Dates of cruise**                              from 30.04.07                      to 11.05.07

3. **Purpose of research**

To compare the benthic communities with own studies from 1996-1998

**and general operational methods**

van Veen grab

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**

station list and chart attached as appendix

5. **Types of samples required, e. g. geological/water/plankton/fish/radioactivity/ isotope/...**

benthos, macrofauna

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

coring: van Veen grab

6. **Details of moored equipment:**

**Dates**

**Laying**

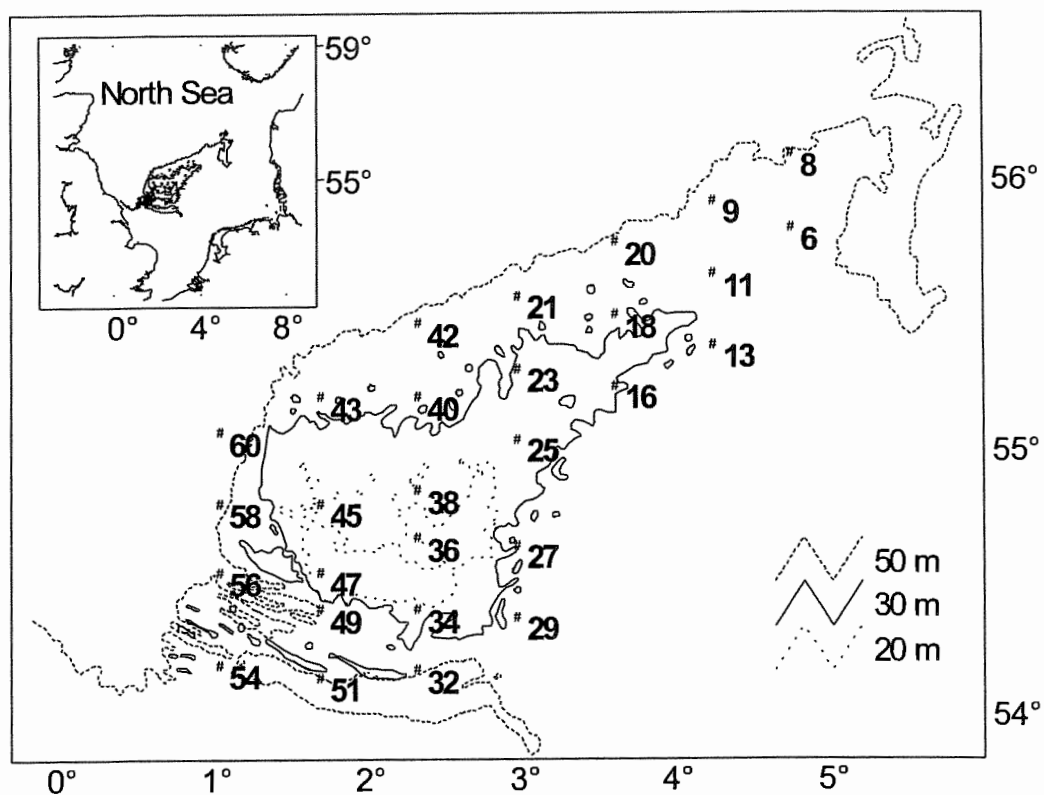
**Recovery**

**Description**

**Depth**

**Latitude**

**Longitude**



station	N	O	depth (m)	sampled in		
				96	97	98
6	55° 48'	04° 51'	34	x		x
8	56° 04'	04° 51'	43	x	x	x
9	55° 54'	04° 20'	43	x	x	x
11	55° 38'	04° 20'	32	x	x	x
13	55° 22'	04° 20'	42	x	x	x
16	55° 13'	03° 40'	32	x	x	x
18	55° 29'	03° 40'	31	x	x	x
20	55° 45'	03° 40'	47	x	x	x
21	55° 33'	03° 00'	40	x	x	x
23	55° 17'	03° 00'	29	x	x	x
25	55° 01'	03° 00'	23	x	x	x
27	54° 37'	03° 00'	33	x	x	x
29	54° 21'	03° 00'	39	x	x	x
32	54° 09'	02° 20'	51	x	x	x
34	54° 23'	02° 20'	27	x	x	x
36	54° 39'	02° 20'	18	x	x	x
38	54° 50'	02° 20'	27	x	x	
40	55° 11'	02° 20'	32		x	
42	55° 27'	02° 20'	44	x	x	x
43	55° 11'	01° 40'	36	x	x	x
45	54° 47'	01° 40'	23	x	x	x
47	54° 31'	01° 40'	18	x	x	x
49	54° 23'	01° 40'	48	x	x	x
51	54° 07'	01° 40'	68	x		x
54	54° 10'	01° 00'	45	x	x	x
56	54° 31'	01° 00'	55		x	x
58	54° 47'	01° 00'	50	x	x	x
60	55° 03'	01° 00'	61		x	x

**7. Explosives: No explosives**

- (a) Type and trade name
- (b) Chemical content
- (c) Trade class and storage
- (d) Size
- (e) Depth of detonation
- (f) Frequency of detonation
- (g) Position in latitude and longitude
- (h) Dates of detonation

**8. Details and references of**

**(a) Any relevant previous / future cruises**

Senckenberg, May 1996-1998

**(b) Any previous published research data relating to the proposed cruise.**

Kröncke, I., 1992, Macrofauna standing stock of the Dogger Bank. A comparison: III. 1950-54 versus 1985-87. A final summary. *Helgoländer Meeresunters.* 46: 137-169.

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Wieking, G., Kröncke, I. (2003). Benthic communities of the Dogger Bank (central North Sea) in the late 90s: Spatial distribution, species composition and trophic structure. *Helgol. Mar. Res.* 57: 34-46

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

Dr. H.L. Rees, CEFAS, Burnham-on-Crouch

**10. State:**

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

Yes

**(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 (Yes/No)**

Yes, Wilhelmshaven-Wilhelmshaven

**(c) When research data from intended cruise is likely to be made available to the coastal state and if so by what means**

Cruise reports, scientific publications



4 5

- No

**DETAIL PART B**

1. **Name of research ship**                      r/v Senckenberg                      Cruise No. 10
2. **Dates of cruise**                              from 30.04.07                      to 11.05.07

3. **Purpose of research**  
To compare the benthic communities with own studies from 1996-1998

**and general operational methods**  
van Veen grab

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**

station list and chart attached as appendix

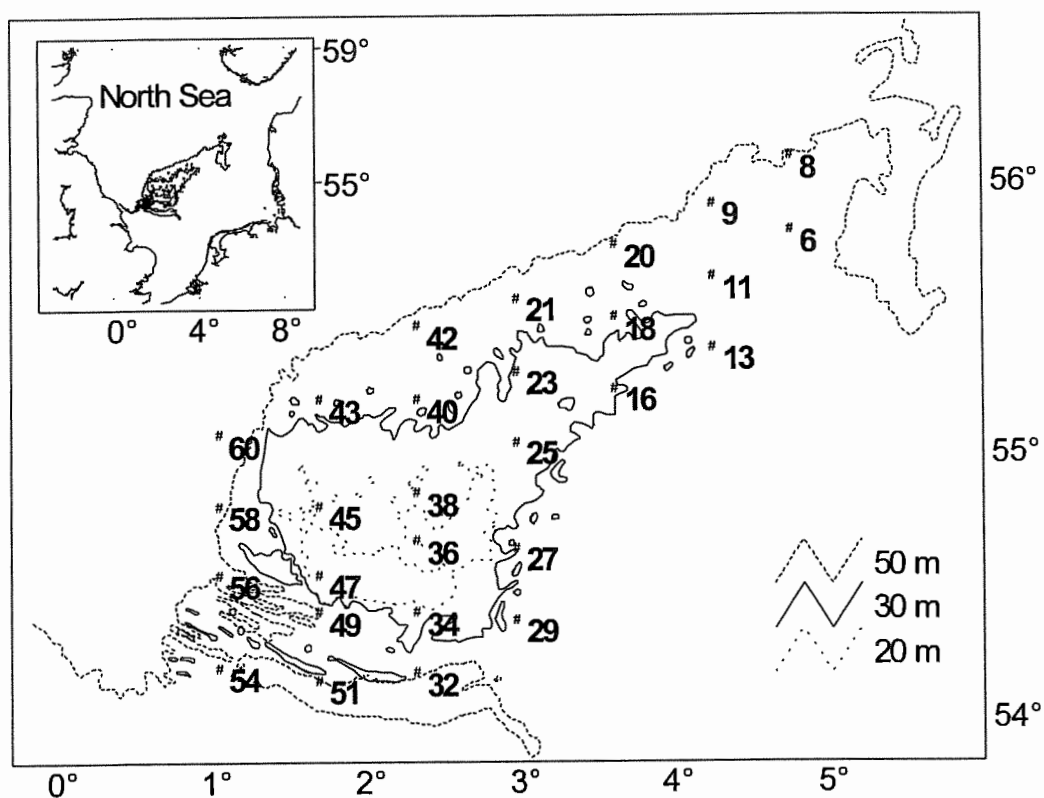
5. **Types of samples required, e. g. geological/water/plankton/fish/radioactivity/ isotope/...**  
benthos, macrofauna

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

coring: van Veen grab

6. **Details of moored equipment:**

<b>Dates</b>						
<b>Laying</b>	<b>Recovery</b>	<b>Description</b>	<b>Depth</b>	<b>Latitude</b>	<b>Longitude</b>	



station	N	O	depth (m)	sampled in		
				96	97	98
6	55° 48'	04° 51'	34	x		x
8	56° 04'	04° 51'	43	x	x	x
9	55° 54'	04° 20'	43	x	x	x
11	55° 38'	04° 20'	32	x	x	x
13	55° 22'	04° 20'	42	x	x	x
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18	55° 29'	03° 40'	31	x	x	x
20	55° 45'	03° 40'	47	x	x	x
21	55° 33'	03° 00'	40	x	x	x
23	55° 17'	03° 00'	29	x	x	x
25	55° 01'	03° 00'	23	x	x	x
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34	54° 23'	02° 20'	27	x	x	x
36	54° 39'	02° 20'	18	x	x	x
38	54° 50'	02° 20'	27	x	x	
40	55° 11'	02° 20'	32		x	
42	55° 27'	02° 20'	44	x	x	x
43	55° 11'	01° 40'	36	x	x	x
45	54° 47'	01° 40'	23	x	x	x
47	54° 31'	01° 40'	18	x	x	x
49	54° 23'	01° 40'	48	x	x	x
51	54° 07'	01° 40'	68	x		x
54	54° 10'	01° 00'	45	x	x	x
56	54° 31'	01° 00'	55		x	x
58	54° 47'	01° 00'	50	x	x	x
60	55° 03'	01° 00'	61		x	x



**7. Explosives: No explosives**

- (a) Type and trade name
- (b) Chemical content
- (c) Trade class and storage
- (d) Size
- (e) Depth of detonation
- (f) Frequency of detonation
- (g) Position in latitude and longitude
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Dr. H.L. Rees, CEFAS, Burnham-on-Crouch

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Yes, Wilhelmshaven-Wilhelmshaven

**(c) When research data from intended cruise is likely to be made available to the coastal state and if so by what means**

Cruise reports, scientific publications



## NOTIFICATION OF PROPOSED RESEARCH CRUISE

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| 6.  | <b>Crew</b>   | Name of master<br>No. of crew  | Karl Baumann<br>5  |
| 7.  | <b>Scientific personnel:</b>  | Name and address<br>of scientist in charge   | PD Dr. Ingrid Kröncke<br>Senckenberg Institute<br>Dept. for marine Research<br>Südstrand 40<br>26382 Wilhelmshaven<br><br>Telephone +49-4421-9475-250<br>Telex<br>Telefax +49-4421-9475-299<br>No. of scientists 5 |
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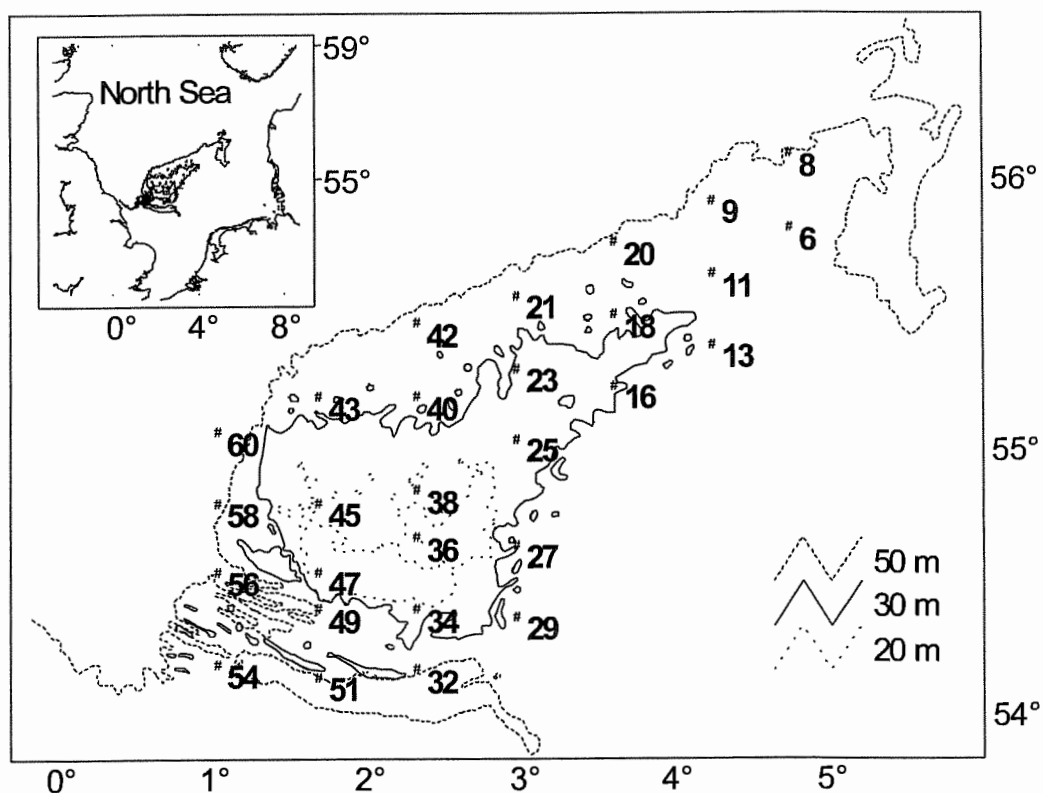
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54	54° 10'	01° 00'	45	x	x	x
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58	54° 47'	01° 00'	50	x	x	x
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Cruise reports, scientific publications

