NOTIFICATION OF PROPOSED RESEARCH CRUISE

GENERAL Part A

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

2. Dates of cruise from 30.04.07 to 11.05.07

3. Operating authority Senckenberg Institute

Dept. for Marine Research

Südstrand 40

D- 26382 Wilhelmshaven

4. Owner (if different from para. 3) Senckenberg. Naturf. Gesellschaft, 60325 Frankfurt a.M.

5. Particulars of ship: Name r/v Senckenberg

Nationality German
Overall length 29.5 m
Maximum draught 3 m
Gross tonnage 55 BRZ
Propulsion Diesel
Call sign DDAW

INMARSAT-Phone INMARSAT-Fax

6. Crew Name of master Karl Baumann

No. of crew

7. Scientific personnel: Name and address PD Dr. Ingrid Kröncke of scientist in charge Senckenberg Institute

arge Senckenberg Institute
Dept. for marine Research

Südstrand 40

26382 Wilhelmshaven

Telephone +49-4421-9475-250

Telex

Telefax +49-4421-9475-299

No. of scientists 5

8. Geographical area in which ship will operate (with reference to latitude and longitude) 54°00.00'N, 001° 00.00'W – 56°10.00'N, 005°00.00'E (station list and chart attached as appendix)

9. Brief description of purpose of cruise

Ecology of benthic communities of the Dogger Bank

10. Dates and names of intended ports of call

No ports

11. Any special logistic requirements at ports of call

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

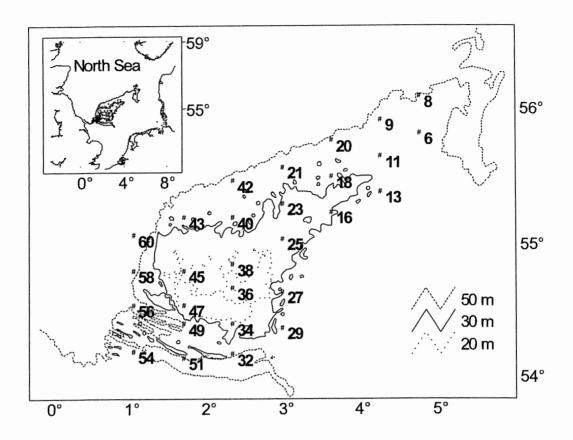
Recovery

Description

Depth

Latitude

Longitude



atation.	N	0	donth (m)	depth (m) sampled i		
station	N	U	deptii (iii)	96	97	98
6	55° 48'	04° 51'	34	Х		Х
8	56° 04'	04° 51'	43	X	Х	х
9	55° 54'	04° 20'	43	X	Х	Х
11	55° 38'	04° 20'	32	Х	X	×
13	55° 22'	04° 20'	42	Х	Х	х
16	55° 13'	03° 40'	32	X	X	×
18	55° 29'	03° 40'	31	Х	X	×
20	55° 45'	03° 40'	47	Х	Х	Х
21	55° 33'	03° 00'	40	X	Х	х
23	55° 17'	03° 00'	29	Х	X	×
25	55° 01'	03° 00'	23	Х	X	х
27	54° 37'	03° 00'	33	Х	X	х
29	54° 21'	03° 00'	39	Х	Х	Х
32	54° 09'	02° 20'	51	X	X	х
34	54° 23'	02° 20'	27	х	X	х
36	54° 39'	02° 20'	18	х	X	х
38	54° 50'	02° 20'	27	Х	X	
40	55° 11'	02° 20'	32		X	
42	55° 27'	02° 20'	44	Х	Х	Х
43	55° 11'	01° 40'	36	Х	X	Х
45	54° 47'	01° 40'	23	Х	Χ	х
47	54° 31'	01° 40'	18	х	X	×
49	54° 23'	01° 40'	48	х	X	х
51	54° 07'	01° 40'	68	х		Х
54	54° 10'	01° 00'	45	Х	Х	Х
56	54° 31'	01° 00'	55		X	х
58	54° 47'	01° 00'	50	х	X	х
60	55° 03'	01° 00'	61		Х	×

- 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.
 - Wieking, G., Kröncke, I. (2001). Decadal changes in macrofauna communities on the Dogger Bank caused by large-scale climate variability. In: Kröncke, I., Türkay, M., Sündermann, J. (eds): Burning issues of North Sea ecology, Proc. 14th intern. Senckenberg Conf. "North Sea 2000", Senckenbergiana marit. 31(2): 125-141.
 - 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

SCIENTIFIC EQUIPMENT COASTAL STATE: UK

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	Research concerning Continental Shelf out to Coastal State's Margin	Within 3 NM	DISTANCE F Between 3-12 NM	FROM COAST Between 12-50 NM	Between 50-200 NM
Van Veen grab			No	No	Yes	Yes

On behalf of the Principal Scientist:

Dated: 26/Jan/2007

NOTIFICATION OF PROPOSED RESEARCH CRUISE

GENERAL Part A

1. Name of research ship

r/v Senckenberg

Cruise No. 10

2. Dates of cruise

from 30.04.07

to 11.05.07

3. Operating authority

Senckenberg Institute

Dept. for Marine Research

Südstrand 40

D- 26382 Wilhelmshaven

4. Owner (if different from para. 3) Senckenberg. Naturf. Gesellschaft, 60325 Frankfurt a.M.

5. Particulars of ship:

Name Nationality Overall length Maximum draught

Gross tonnage

Propulsion

German 29.5 m 3 m 55 BRZ Diesel DDAW

Call sign INMARSAT-Phone INMARSAT-Fax

6. Crew

Name of master

No. of crew

Karl Baumann

r/v Senckenberg

5

7. Scientific personnel:

Name and address

of scientist in charge

PD Dr. Ingrid Kröncke Senckenberg Institute Dept. for marine Research

Südstrand 40

26382 Wilhelmshaven

Telephone

+49-4421-9475-250

Telex

Telex

Telefax +49-4421-9475-299

No. of scientists 5

8. Geographical area in which ship will operate (with reference to latitude and longitude) 54°00.00`N, 001° 00.00`W – 56°10.00`N, 005°00.00`E (station list and chart attached as appendix)

9. Brief description of purpose of cruise

Ecology of benthic communities of the Dogger Bank

10. Dates and names of intended ports of call

No ports

11. Any special logistic requirements at ports of call

No

DET	AIL	PΑ	RT	В

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

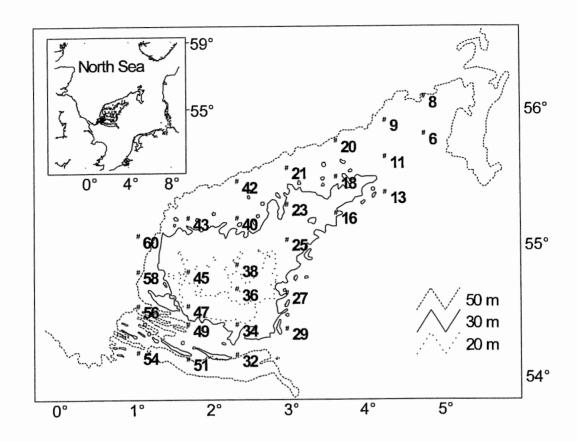
and methods by which samples will be obtained (including dredging / coring / drilling /...)

coring: van Veen grab

6. Details of moored equipment:

Dates

Laying Recovery Description Depth Latitude Longitude



station	N	0	depth (m)	sampled in		
station	N	<u> </u>	deptii (iii)	96	97	98
6	55° 48'	04° 51'	34	Х		Х
8	56° 04'	04° 51'	43	Х	Х	Х
9	55° 54'	04° 20'	43	Х	Х	x
11	55° 38'	04° 20'	32	Х	X	×
13	55° 22'	04° 20'	42	Х	Х	х
16	55° 13'	03° 40'	32	Х	Х	Х
18	55° 29'	03° 40'	31	х	X	×
20	55° 45'	03° 40'	47	Х	Х	Х
21	55° 33'	03° 00'	40	Х	Х	х
23	55° 17'	03° 00'	29	х	X	х
25	55° 01'	03° 00'	23	х	X	х
27	54° 37'	03° 00'	33	Х	X	х
29	54° 21'	03° 00'	39	Х	Х	Х
32	54° 09'	02° 20'	51	х	Х	Х
34	54° 23'	02° 20'	27	Х	Х	х
36	54° 39'	02° 20'	18	х	X	х
38	54° 50'	02° 20'	27	x	X	
40	55° 11'	02° 20'	32		X	
42	55° 27'	02° 20'	44	Х	Х	Х
43	55° 11'	01° 40'	36	х	X	Х
45	54° 47'	01° 40'	23	х	Х	x
47	54° 31'	01° 40'	18	x	X	х
49	54° 23'	01° 40'	48	×	X	Х
51	54° 07'	01° 40'	68	х		Х
54	54° 10'	01° 00'	45	х	Х	Х
56	54° 31'	01° 00'	55		X	Х
58	54° 47'	01° 00'	50	×	X	Х
60	55° 03'	01° 00'	61		Х	Х

- 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
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- 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

SCIENTIFIC EQUIPMENT COASTAL STATE: UK

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	Research concerning Continental Shelf out to Coastal State's Margin	Within 3 NM	DISTANCE Between 3-12 NM	FROM COAS Between 12-50 NM	T Between 50-200 NM
Van Veen grab			No	No	Yes	Yes

On behalf of the Principal Scientist:

Dated: 26/Jan/2007



GENERAL Part A

1. Name of research ship r/v Senckenberg

Cruise No. 10

2. **Dates of cruise** from 30.04.07

to 11.05.07

Operating authority 3.

Senckenberg Institute

Dept. for Marine Research

Südstrand 40

D- 26382 Wilhelmshaven

Owner (if different from para. 3) Senckenberg. Naturf. Gesellschaft, 60325 Frankfurt a.M. 4.

Particulars of ship: 5.

Name

r/v Senckenberg

Nationality Overall length Maximum draught

29.5 m 3 m 55 BRZ

German

Gross tonnage Propulsion Call sign

Diesel **DDAW**

INMARSAT-Phone INMARSAT-Fax

Crew

Name of master No. of crew

Karl Baumann

7. Scientific personnel: Name and address

of scientist in charge

PD Dr. Ingrid Kröncke Senckenberg Institute Dept. for marine Research

Südstrand 40

26382 Wilhelmshaven

Telephone

+49-4421-9475-250

Telex

Telefax +49-4421-9475-299

No. of scientists 5

Geographical area in which ship will operate (with reference to latitude and longitude) 8. 54°00.00'N, 001° 00.00'W - 56°10.00'N, 005°00.00'E (station list and chart attached as appendix)

9. Brief description of purpose of cruise

Ecology of benthic communities of the Dogger Bank

Dates and names of intended ports of call 10.

No ports

Any special logistic requirements at ports of call 11.

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

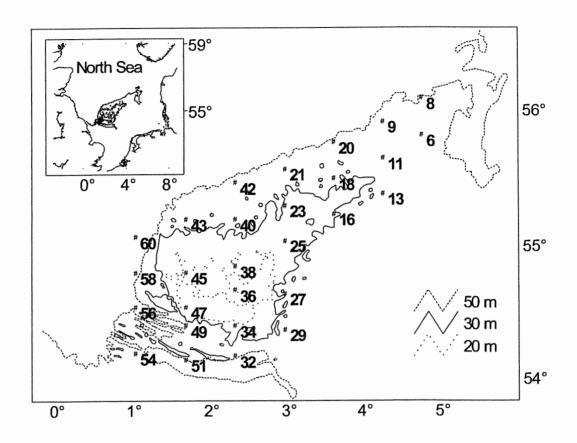
Recovery

Description

Depth

Latitude

Longitude



_4-4-4	N		donth (m)	sai	mpled	in
station	N	0	depth (m)	96	97	98
6	55° 48'	04° 51'	34	Х		Х
8	56° 04'	04° 51'	43	Х	Х	х
9	55° 54'	04° 20'	43	Х	Х	Х
11	55° 38'	04° 20'	32	Х	X	х
13	55° 22'	04° 20'	42	Х	Х	х
16	55° 13'	03° 40'	32	Х	Х	Х
18	55° 29'	03° 40'	31	х	X	х
20	55° 45'	03° 40'	47	Х	Х	Х
21	55° 33'	03° 00'	40	Х	Х	Х
23	55° 17'	03° 00'	29	Х	X	Х
25	55° 01'	03° 00'	23	Х	X	х
27	54° 37'	03° 00'	33	Х	X	х
29	54° 21'	03° 00'	39	Х	Х	Х
32	54° 09'	02° 20'	51	Х	Х	Х
34	54° 23'	02° 20'	27	х	X	х
36	54° 39'	02° 20'	18	х	X	Х
38	54° 50'	02° 20'	27	Х	X	
40	55° 11'	02° 20'	32		Х	
42	55° 27'	02° 20'	44	Х	Х	Х
43	55° 11'	01° 40'	36	Х	Х	Х
45	54° 47'	01° 40'	23	Х	X	Х
47	54° 31'	01° 40'	18	х	X	х
49	54° 23'	01° 40'	48	х	X	х
51	54° 07'	01° 40'	68	х		Х
54	54° 10'	01° 00'	45	Х	Х	Х
56	54° 31'	01° 00'	55		X	Х
58	54° 47'	01° 00'	50	х	X	х
60	55° 03'	01° 00'	61		Х	Х

- 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
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- 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

SCIENTIFIC EQUIPMENT COASTAL STATE: UK

11. Complete the following table - SEPARATE COPY FOR EACH COASTAL STATE (INDICATE 'YES' OR 'NO')

Fisheries Research within Fishing	Research concerning Continental Shelf out	Within	Between	Between	Between
Limits	to Coastal State's Margin	3 NM	3-12 NM	12-50 NM	50-200 NM
		No	No	Yes	Yes
	Research within	Research concerning within Continental Fishing Shelf out Limits to Coastal State's	Research concerning within Continental Fishing Shelf out Within Limits to Coastal 3 State's NM Margin	Research concerning DISTANCE within Continental Fishing Shelf out Within Between Limits to Coastal 3 3-12 State's NM NM Margin	Research concerning DISTANCE FROM COAS within Continental Fishing Shelf out Within Between Between Limits to Coastal 3 3-12 12-50 State's NM NM NM Margin

On behalf of the Principal Scientist:

Dated: 26/Jan/2007