

GENERAL
PART A

1	Name of research ship:	GAUSS	Cruise No 463a
2	Dates of cruise:	From 02 nd August 2006 To 20 th August 2006	
3	Operating Authority:	Bundesamt für Seeschifffahrt und Hydrographie Bernhard-Nocht-Straße 78, 20359 Hamburg Phone +49 (0)40 31 90 - 0 Fax +49 (0)40 31 90-5000 posteingang@bsh.de	
4	Owner (if different from para 3)		
5	Particulars of ship:	Name GAUSS Nationality GERMANY Overall length 69,0 metres Maximum draught 4,6 metres Net Tonnage 514 Propulsion Diesel Electric Call Sign DBBX	
6	Crew:	Name of Master Jochen Schütt No. of Crew 19	
7	Scientific personnel:	Name and address of scientist in charge: Dr. Gerd Becker Bundesamt für Seeschifffahrt und Hydrographie 20305 Hamburg P.O. Box 30 12 20 Phone + 49 (0)40 3190-32 00 No. of scientist 13	
8	Geographical area in which will operate (state latitude and longitude):	North Sea 51°N - 60°N / 02°W - 09°E German Bight	
9	Brief description of purpose of cruise:	Investigation of the summerly hydrographic situation, oxygen conditions, nutrients and organic pollutants,	
10	Dates and names of intended ports of call:	None within UK	
11	Any special logistic requirements in ports of call:	None	

GENERAL
PART B

1	Name of research ship:	GAUSS Cruise No 463a
2	Dates of cruise:	From 02 nd August 2006 To 20 th August 2006
3	Purpose of research and general operational methods	Investigation of the summerly hydrographic situation of the North Sea with CTD measurements and continuous Delphin-tracks (towed CTD-System); chlorophyll-fluorescens, nutrients and organic pollutants
4	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	see attached chartlet
5	Types of samples required, e.g. Geological/Water/Plankton/Fish/Radioactivity/Isotope and methods by which samples will be obtained (including dredging/coring/drilling)	Hydrographic parameters: S, T, O ₂ samples: water, sediment Water samples by CTD-Rosette for calibration of the CTD; additional equipment of the CTD is a O ₂ - and a transmission sensor; sediment with grab
6	Details of moored equipment: <u>Dates</u> <u>Laying</u> <u>Recovery</u> <u>Description</u> <u>Latitude</u> <u>Longitude</u>	None

7	Explosives: a) Type and Trade Name b) Chemical content c) Dept of Trade and stowage d) Size e) Depth of detonation f) Frequency of detonation g) Position in latitude and longitude h) Dates of detonation	None
8	Detail and reference of a) any relevant previous/ future cruises b) Any previously published research data relating to the proposed cruise. (Attach separate sheet if necessary)	Cruise No. 370 of RV "GAUSS" July 2001 385 of RV "GAUSS" July 2002 405 of RV "GAUSS" August 2003 425 of RV "GAUSS" August 2004 446a of RV "GAUSS" August 2005 Cruise Report
9	Name 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 visits to the ship in port by scientists of the coastal state will be acceptable 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 No
11	When research data from intended cruise is likely to be made available to the coastal state and if so by what means.	T and S data within 1 or 2 years, report of publication (DOD, ICES); oxygen, nutrients within 6 months

Scientific EquipmentUNITED KINGDOM

- 11 Complete the following table
 separate copy for each coastal state
 (indicate "Yes" or "No")

List of all mayor 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	Distance from coast			
			within NM	Betw. 0-12 NM	Betw. 12-50 NM	Betw. 50-200 NM
CTD with water samples (12 x 10 l) + 200 ml sample for calibration of the CTD (about 200 bottles)	No	No		Yes	Yes	Yes
towed CTD-System	No	No		No	Yes	Yes
CTD-Probe	No	No		No	Yes	Yes
In-situ fluorescence probe	No	No		No	Yes	Yes
grab	No	No		No	Yes	Yes

▲ Gauß 463a - Stations

Station	Breite			Länge			ETA / MESZ
3	54	0	N	8	6,48	E	2.8.06 17:52
7	54	0	N	6	25,02	E	3.8.06 1:23
8	54	0	N	4	50	E	3.8.06 8:27
9	54	0	N	3	0	E	3.8.06 17:18
10	53	0	N	4	0	E	4.8.06 2:46
11	52	30	N	4	20	E	4.8.06 7:49
12	52	0	N	3	44	E	4.8.06 13:27
13	51	42,2	N	2	51,4	E	4.8.06 19:04
14	52	0	N	2	0	E	5.8.06 0:36
15	52	30	N	2	30	E	5.8.06 5:59
16	53	20	N	1	40	E	5.8.06 14:06
17	54	0	N	1	0	E	5.8.06 20:49
18	55	0	N	0	0	E	6.8.06 6:14
19	55	0	N	2	0	E	6.8.06 15:35
20	55	0	N	4	0	E	7.8.06 0:56
21	55	0	N	5	0	E	7.8.06 6:14
22	55	0	N	6	15	E	7.8.06 12:32
23	55	0	N	7	35	E	7.8.06 18:26
24	55	0	N	8	0	E	7.8.06 20:22
25	55	0	N	8	15	E	7.8.06 21:53
26	56	0	N	7	43,2	E	8.8.06 5:30
27	56	0	N	6	0	E	8.8.06 13:33
28	56	0	N	5	0	E	8.8.06 18:45
29	56	0	N	3	0	E	9.8.06 3:53
30	56	0	N	2	0	E	9.8.06 9:05
31	56	0	N	1	0	E	9.8.06 13:17
32	56	0	N	0	0	E	9.8.06 18:29
33	56	0	N	1	0	W	9.8.06 22:41
34	57	0	N	1	0	W	10.8.06 6:59
35	57	0	N	1	20	E	10.8.06 17:12
36	57	0	N	3	30	E	11.8.06 2:47
37	57	0	N	5	0	E	11.8.06 9:48
38	57	0	N	6	0	E	11.8.06 14:54
39	57	0	N	8	0	E	11.8.06 23:50
40	57	48	N	8	0	E	13.8.06 9:48
41	58	0	N	6	0	E	13.8.06 19:11
42	58	0	N	5	0	E	14.8.06 0:41
43	58	0	N	3	0	E	14.8.06 9:25
44	58	0	N	1	30	E	14.8.06 16:16
45	58	0	N	1	0	W	15.8.06 2:52
46	59	0	N	1	30	W	15.8.06 11:25
47	59	0	N	0	0	E	15.8.06 17:22
48	59	0	N	1	0	E	15.8.06 21:16
49	59	0	N	3	0	E	16.8.06 5:17
50	59	0	N	4	30	E	16.8.06 11:29
51	60	0	N	4	30	E	16.8.06 19:03
52	60	0	N	2	0	E	17.8.06 4:22
53	60	0	N	0	30	W	17.8.06 13:41

