



Koninkrijk  
der Nederlanden

## Embassy of the Kingdom of the Netherlands

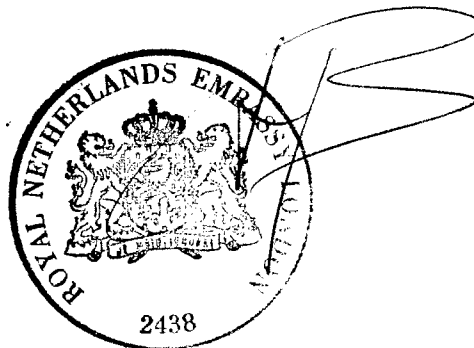
38 Hyde Park Gate  
London SW7 5DP

The Embassy of the Kingdom of the Netherlands presents its compliments to the Maritime Team of the Foreign & Commonwealth Office and has the honour to request permission to carry out scientific research in British territorial waters by research vessel R/V Pelagia between the 20<sup>th</sup> of August and the 11<sup>th</sup> of September 2009.

The Embassy of the Kingdom of the Netherlands encloses the notification of the proposed research cruise.

The Embassy of the Kingdom of the Netherlands avails itself of the opportunity to renew to the Maritime Team of the Foreign & Commonwealth Office the assurances of its highest consideration.

London, 27 March 2009



Foreign and Commonwealth Office  
Maritime Team  
King Charles Street  
London SW1A 2AH

# NOTIFICATION OF PROPOSED RESEARCH CRUISE

## Part A: GENERAL

**1. Name of research ship:** **RV Pelagia** **Cruise number: 64PE311**

**2. Cruise dates:** 20 August 2009 – 11 September 2009

**3a. Operating authority:** NIOZ Royal Netherlands Institute for Sea Research  
Telephone: (+31) (0)222-369300  
Telefax: (+31) (0)222-319674

**3b. Operating agent:** NIOZ Royal Netherlands Institute for Sea Research  
Telephone: (+31) (0)222-369300  
Telefax: (+31) (0)222-319674

**4. Owner:** NIOZ Royal Netherlands Institute for Sea Research

**5. Particulars of ship:**

name: Pelagia  
nationality: Dutch  
overall length: 66.00 meters  
maximum draught: 4.00 meters  
nett tonnage: 1553 NRT  
propulsion: 2 diesel electric Elliot White Gill  
Bow Truster  
call sign: PGRQ

**6. Crew:** name of master: J.C. Ellen/C.G. de Graaff  
number of crew: 11

**7. Chief scientist:** name: Holger Klein  
addresses: Federal Maritime and Hydrographic Agency  
20305 Hamburg  
P.O. Box 301220  
Germany  
telephone: +49 (0) 40 3190 3220  
telefax: +49 (0) 40 3190 5000  
e-mail address: holger.klein@bsh.de

**8. Geographical area in which the ship will operate:  
(with reference in latitude and longitude)**

North Sea  
51°N - 60°N  
03°W - 09°E

**9. Brief description of purpose of cruise:**

Investigation of oceanographic conditions during summer:  
Temperature, salinity, oxygen, nutrients, metals and artificial radioactivity.

**10. Names and dates of intended ports of call:**

Aberdeen, United Kingdom  
Between 8<sup>th</sup> and 11<sup>th</sup> September 2008

**11. Any special logistic requirements at ports of call:**

none

## Part B: DETAIL

**1. Name of research ship:** RV Pelagia

**2. Cruise dates:** from: 20.08.2009  
to: 11.09.2009

**3. Purpose of research and general operational methods:**

Investigation of oceanographic conditions during summer:  
Temperature, salinity, oxygen, nutrients and organic pollutants.  
CTD casts with rosette water sampling, continuous sections with a towed  
CTD-System (ScanFish).

**4. Attach chart showing (on an appropriate scale) the geographical area of the intended work, positions of intended stations/hydrographic sections:**

See attached chart

**5a. Type of samples required:**

water

**5b. Methods by which samples will be obtained (including dredge/core/drill techniques):**

water samples by CTD-rosette  
water samples with glass bottles

**6. Details of moored equipment:**

none

**7. Explosives:**

No explosives.

**8. Detail and reference of:**

**a. Any relevant previous/future cruises:**

Cruise 307 of R/V Gauss, July 2001  
Cruise 385 of R/V Gauss, July 2002  
Cruise 405 of R/V Gauss, August 2003  
Cruise 425 of R/V Gauss, August 2004  
Cruise 446 of R/V Gauss, August 2005  
Cruise 463 of R/V Gauss, August 2006  
Cruise 273 of R/V Pelagia, August 2007  
Cruise 293 of R/V Pelagia, July/August 2008

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

Cruise reports of above mentioned cruises

**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:**

none

**10. State:**

**a. Whether visits to the ship in port by scientist of the coastal state concerned will be acceptable:**

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.

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

Temperature, salinity, oxygen and nutrients within 1 year.  
Cruise report, ICES report on ocean climate,  
DOD (German Oceanographic Data Center)

**COASTAL STATE:**

**United Kingdom**

**SCIENTIFIC EQUIPMENT**

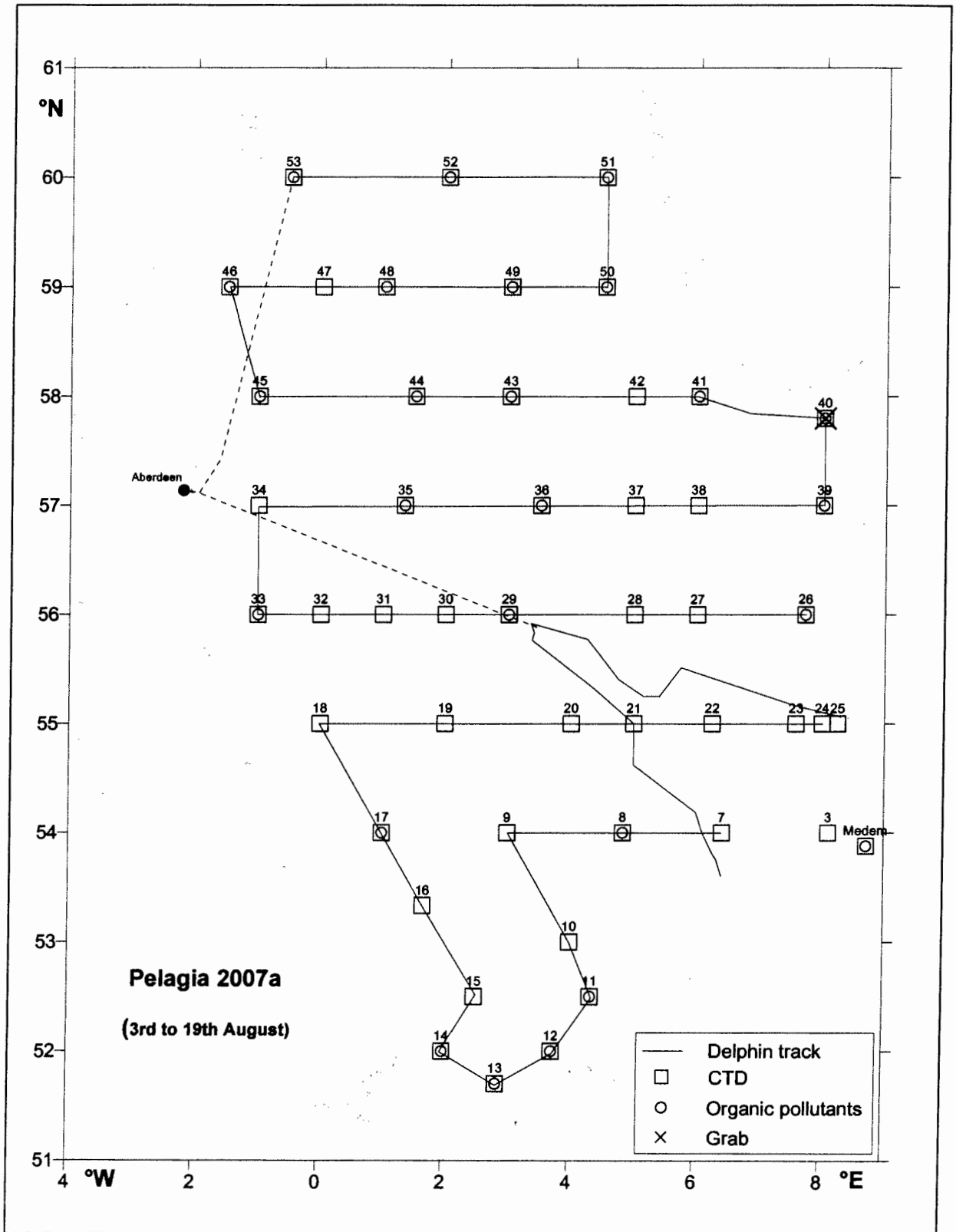
**11. Complete the following table - include a separate copy for each coastal state (indicate "Yes" or "No" if applicable)**

<b>Marine scientific equipment used</b>	<b>water depth (m)</b>	<b>fisheries research</b>	<b>distance of research to coast in nautical miles</b>			
			<b>&lt; 3</b>	<b>3-12</b>	<b>12-50</b>	<b>50-200</b>
CTD with rosette Sampler, O <sub>2</sub> - and Transmission sensor	Full depth	no	no	yes	yes	yes
Thermsalinograph	5	no	no	yes	yes	yes
Towed CTD-System	max. 100	no	no	yes	yes	yes

**List of intended sampling stations during Pelagia cruise**

See attached list

**References**



In 2008 an additional station at 3°W, 60°N is intended! No grabs and organic pollutants in 2008!

Sampling locations and sampling times (2 pages!)

<b>No.</b>	<b>BSH no.</b>	<b>Depth</b>	<b>Phi</b>	<b>Lam</b>
1	Medem	-18	53,88	8,72
2	3	-21	54,00	8,11
3	7	-27	54,00	6,42
4	8	-39	54,00	4,83
5	9	-38	54,00	3,00
6	10	-29	53,00	4,00
7	11	-15	52,50	4,33
8	12	-24	52,00	3,73
9	13	-40	51,70	2,86
10	14	-28	52,00	2,00
11	15	-46	52,50	2,50
12	16	-25	53,33	1,67
13	17	-42	54,00	1,00
14	18	-64	55,00	0,00
15	19	-25	55,00	2,00
16	20	-45	55,00	4,00
17	21	-35	55,00	5,00
18	22	-40	55,00	6,25
19	23	-21	55,00	7,58
20	24	-15	55,00	8,00
21	25	-10	55,00	8,25
22	26	-25	56,00	7,72
23	27	-44	56,00	6,00
24	28	-41	56,00	5,00
25	29	-66	56,00	3,00
26	30	-82	56,00	2,00
27	31	-73	56,00	1,00
28	32	-80	56,00	0,00
29	33	-62	56,00	-1,00
30	34	-67	57,00	-1,00
31	35	-97	57,00	1,33
32	36	-62	57,00	3,50
33	37	-55	57,00	5,00
34	38	-49	57,00	6,00
35	39	-23	57,00	8,00
36	40	-505	57,80	8,00
37	41	-299	58,00	6,00
38	42	-122	58,00	5,00
39	43	-71	58,00	3,00
40	44	-100	58,00	1,50
41	45	-111	58,00	-1,00
42	46	-75	59,00	-1,50
43	47	-129	59,00	0,00
44	48	-119	59,00	1,00
45	49	-135	59,00	3,00
46	50	-230	59,00	4,50
47	51	-257	60,00	4,50
48	52	-97	60,00	2,00
49	53	-120	60,00	-0,50
50	54	-80	60,00	-3,00