

NOTIFICATION OF PROPOSED RESEARCH CRUISE

Part A: GENERAL

1. Name of research ship: RV Pelagia

2. Cruise dates: from: 21.07.2008
to: 08.08.2008

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

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

4. Owner: Royal Netherlands Institute for Sea Research (NIOZ)

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. de Graaff
number of crew: 10

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 6th and 8th August 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: 21.07.2008
 to: 08.08.2008

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

- 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

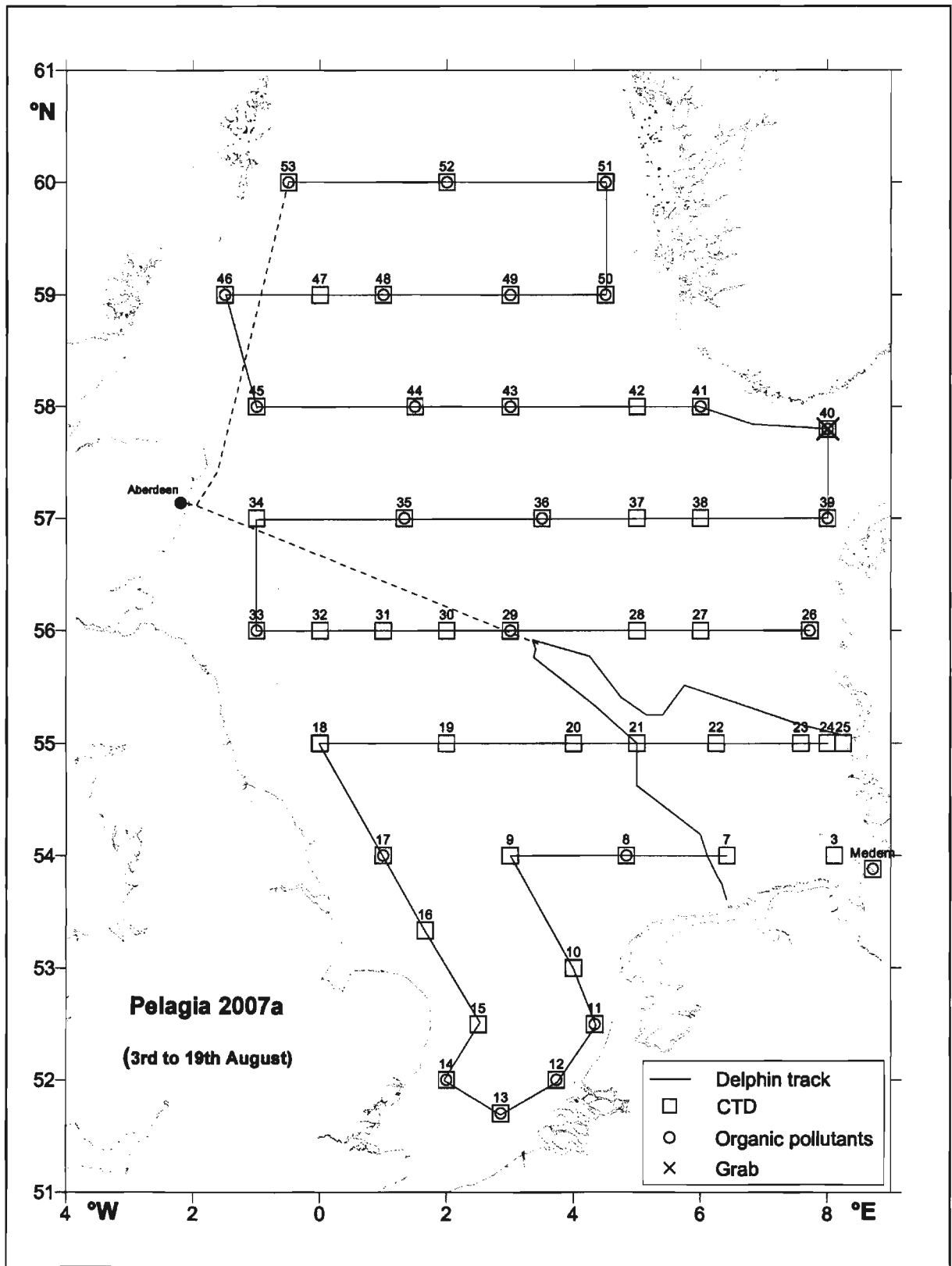
11. Complete the following table - include a separate copy for each coastal state (indicate "Yes" or "No" if applicable)

Marine scientific equipment used	water depth (m)	fisheries research	distance of research to coast in nautical miles			
			< 3	3-12	12-50	50-200
CTD with rosette Sampler, O ₂ - 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 indented! No grabs and organic pollutants in 2008!