

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* Tridens *CRUISE NO.* wk. 34 t/m 38
2. *DATES OF CRUISE* From: 18/08/2003 To: 18/09/2003
3. *OPERATING AUTHORITY* Ministry of Agriculture, Natural Management & Fisheries,
Berguidenhoutseweg 73,
The Hague.

Telephone: 070 3792349
4. *OWNER*
(if different from No. 3)
5. *PARTICULARS OF SHIP*
NAME: Tridens
NATIONALITY: Dutch
OVERALL LENGTH: 73.5 metres
MAXIMUM DRAUGHT: 5.20 metres
NET TONNAGE: 659
PROPULSION: Diesel
CALL SIGN: PBVO
REGISTERED PORT & NUMBER:
(if registered fishing vessel)
6. *CREW*
NAME OF MASTER: A. Hofland
NO. OF CREW: 21
7. *SCIENTIFIC PERSONNEL*
NAME AND ADDRESS OF SCIENTIST IN CHARGE: Dr Ir G.J. Piet
Neth. Inst. for Fisheries Research,
PO Box 68, IJmidan

TEL./FAX NO: 0255 564646/0255 564644

NUMBER OF SCIENTISTS: 5
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)
Southern and Central North Sea: 51 N to 61 N, 4 W to 8.30'E
9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*
To participate in the ICES coordinated International Bottom Trawl Survey
10. *DATES AND NAMES OF INTENDED PORTS OF CALL*
11. *ANY SPECIAL REQUIREMENTS AT PORTS OF CALL*

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PART B: DETAIL

1. *NAME OF RESEARCH SHIP* Tridens *CRUISE NO.* wk. 34 t/m 38

2. *DATES OF CRUISE* From: 18/08/2003 To: 18/09/2003

3. *a) PURPOSE OF RESEARCH*

This survey aims at estimating the recruitment of a number of commercial fish species, such as plaice, sole, cod, haddock and whiting. During the survey, also hydrographical data are collected.

b) GENERAL OPERATIONAL METHODS

(including full description of any fishing gear trawl type, mesh size, etc.)

In each ICES-rectangle visited, one haul (30 minutes) will be made with a GOV bottom trawl or an 8 m beam trawl and a 2 m beam trawl. After each haul, a profile will be made with a CTD-Sonde.

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, areas to be fished)

5. *a) TYPES OF SAMPLES REQUIRED*

(e.g. Geological/Water/Plankton/Fish/Radionuclide)

Fish, benthos and water samples

b) METHODS OF OBTAINING SAMPLES

(e.g. dredging/coring/drilling/fishing, etc.)

(When using fishing gear, indicate fish stocks being worked, quantity of each species required, quantify of fish to be retained on board)

Fish samples: GOV bottom trawl; 8 m beam trawl

Benthos samples: 8 m beam trawl; 2 m beam

Water samples: CTD probe

6. *DETAILS OF MOORED EQUIPMENT*

DATES: None

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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7. *ANY HAZARDOUS MATERIALS*

(Chemicals, Explosives, Gases, Radioactive etc)
(use separate sheet, if necessary)

None

a) TYPE AND TRADE NAME

b) CHEMICAL CONTENT (& FORMULA)

c) IMO IMDG CODE REFERENCE & UN. NO.

d) QUANTITY & METHOD OF STOWAGE ON BOARD

e) *IF EXPLOSIVES GIVE DATE(S) OF DETONATION*

- *Method of detonation*
- *Position of detonation*
- *Frequency of detonation*
- *Depth of detonation*
- *Size of explosive charge in Kgs*

8. *DETAIL & REFERENCE OF*

a) *ANY RELEVANT PREVIOUS/FUTURE CRUISES*

The GOV survey is carried out each year since 1970; from 1991-1996, on a quarterly basis; since 1997 twice a year. The beam trawl survey started in 1985.

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

Each year, the results of the survey are published by ICES as: "Report on the International Bottom Trawl Survey in the North Sea, Skagerrak and Kattegat" and as "Report of the Study Group on Beam Trawl Surveys".

9. *NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE*

Mr. J. Dalskov,
Danish Institute for Fisheries Research,
Charlottenlund Castle,
DK-2920 Charlottenlund,
Denmark.

Mr. T.W. Boon,
CEFAS,
Lowestoft,
SN33 0HT,
Suffolk,
England.

Mr. A. Newton,
Marine Laboratory,
Victoria Road,
Aberdeen,
AB9 8DB,
Scotland.

Dr. S. Ehrich,
Institut fuer Seafischerei,
Palmville 9,
2000 Hamburg 50,
Germany.

Mr. O. Sandstad,
Institute of Marine Research,
P.O. Box 1870/72, Nordnes,
5024 Bergen,
Norway.

10.STATE

a) WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE

Yes

b) PARTICIPATION OF AN OBSERVER FROM THE COASTAL STATE FOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND PORTS FOR EMBARKATION/DISEMBARKATION

c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS

Data will be submitted to the Database at the ICES-secretariat in Copenhagen, where they are available to all participating countries.

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: England, Denmark,
Norway, Germany

PORT CALL:

DATES:

11. COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE
(indicate "Yes" or "No")

				DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 BUT WITHIN THE CONTINENTAL MARGIN
LIST SCIENTIFIC WORK BY FUNCTION e.g. MAGNETOMETRY GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING U/W TV MOORED INSTRUMENTS TOWED INSTRUMENTS	WATER COLUMN INCLUDING SEDIMENT SAMPLING OF THE SEABED	FISHERIES RESEARCH WITHIN FISHING LIMITS	RESEARCH CONCERNING THE NATURAL RESOURCES OF THE CONTINENTAL SHELF OR ITS PHYSICAL CHARACTERISTICS			
				Yes	Yes	

(On behalf of the Principal Scientist)

Dated 09 May 2003

N.B. IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES/AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED, THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY.

