

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART A: GENERAL

1. *NAME OF RESEARCH SHIP* Tridens *CRUISE NO.* WK 5-10
2. *DATES OF CRUISE* From: 27/01/2003 To: 07/03/2003
3. *OPERATING AUTHORITY* Ministry of Agriculture, Natural Management & Fisheries,  
Bezuidenhoutseweg 73,  
The Hague.  
  
Telephone: 070 3792349  
Facsimile: 070 3825648  
Telex: 32040 Lavinl
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. Hoek  
*NO. OF CREW:* 21
7. *SCIENTIFIC PERSONNEL*  
*NAME AND ADDRESS OF SCIENTIST IN CHARGE:* Dr. H.J.L. Heessen  
Neth. Inst. for Fisheries Research,  
P.O. Box 68,  
IJmuiden  
  
*TEL./TELEX/FAX NO:* + 31 255-564646/564644  
  
*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 57°N to 57°30'N, 3°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*  
  
None

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

### PART B: DETAIL

1. *NAME OF RESEARCH SHIP* Tridens *CRUISE NO.* WK 5-10

2. *DATES OF CRUISE* From: 27/01/2003 To: 07/03/2003

3. a) *PURPOSE OF RESEARCH*

This survey aims at estimating the recruitment of a number of commercial fish species, such as herring, cod, haddock, whiting and norway pout. 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. After each haul, a profile will be made with a CTD-sonde. In addition, herring larvae will be sampled with a plankton net (MIK).

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, plankton 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

Plankton samples: MIK plankton net

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 survey is carried out each year since 1970. Since 1997, in quarter 1 and 3

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

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*

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:** United Kingdom,  
Denmark, Belgium,  
Germany

**PORT CALL:**  
**DATES:**

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

LIST SCIENTIFIC WORK BY FUNCTION e.g. MAGNETOMETRY GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING UW 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	DISTANCE FROM COAST		
				WITHIN 12 NM	BETWEEN 12 AND 200 NM	(Continental Shelf work only)  Beyond 200 NM but within the Continental Margin
				Yes	Yes	Yes

Dr. H.J.L. Heessen  
(On behalf of the Principal Scientist)

Dated 02<sup>nd</sup> December 2002

**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.**

