

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* "Tridens" *CRUISE NO.* Wk.5-9
2. *DATES OF CRUISE* From: 26 Jan 2004 To: 27 Feb 2004
3. *OPERATING AUTHORITY* Ministry of Agriculture,
Natural Management and Fisheries,
Beruidanhoutaonng 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
GRT: 659 tonnes
PROPULSION: Diesel
CALL SIGN: PEVO
TELEPHONE: 070-3792349
FAX: 070-3825648
REGISTERED PORT & NUMBER:
(if registered fishing vessel)
6. *CREW* *NAME OF MASTER:* A. Hock
NO. OF CREW: 21
7. *SCIENTIFIC PERSONNEL* *NAME AND ADDRESS OF SCIENTIST IN CHARGE:* Dr. H.J.L Heessen
Neth. Inst. for Fish Research
P.O. Box 68, Ijmuiden

TEL./TELEX/FAX NO: +31 255-564646/564664

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° to 57° 30'N, 3° 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.5-9
2. DATES OF CRUISE From: 26 Jan 2004 To: 27 Feb 2004
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 hydrographical data is also 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 mins) will be made with a GOV bottom trawl. After each haul a profile will be made with a CTD-Sounde. In addition herring larvae will be sampled with a plankton-net (NIR).

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 : MIR plankton net

water samples: CTD probe

6. DETAILS OF MOORED EQUIPMENT none

DATES:

<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)

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 quarter1 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 into 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 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 CHARACTER- ISTICS	DISTANCE FROM COAST		
				WITHIN 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
				Yes	Yes	Yes

Dr. H.J.L. Heessen

(On behalf of the Principal Scientist)

Dated: 23 Oct 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.**

