

# NOTIFICATION OF PROPOSED RESEARCH

## PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk. 4-9**
2. DATES OF CRUISE FROM **23 January 2006** TO **3 March 2006**
3. OPERATING AUTHORITY **Ministry of Agriculture, Natural Management & Fisheries  
Bezuidenhoutseweg 73  
THE HAGUE**  
  
TELEPHONE **070-3792349** TELEX **32040 Lavinl**  
  
FACSIMILE **070-3825648** E-MAIL **J.W.Groen@viss.agro.nl**
4. OWNER  
(If different from  
Para 3)
5. PARTICULARS OF SHIP

<u>NAME</u>	<b>TRIDENS</b>
<u>NATIONALITY</u>	<b>Dutch</b>
<u>OVERALL LENGTH</u>	<b>73,5 METRES</b>
<u>MAXIMUM DRAUGHT</u>	<b>5,20 METRES</b>
<u>NETT TONNAGE</u>	<b>659</b>
<u>POPULSION</u>	<b>DIESEL</b>
<u>CALL SIGN</u>	<b>PBVO</b>
<u>REGISTRATION PORT &amp; NUMBER</u> (if registered fishing vessel)	
6. CREW

<u>NAME OF MASTER</u>	<b>A. Hofland</b>
<u>NUMBER OF CREW</u>	<b>21</b>
7. SCIENTIFIC PERSONNEL

<u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u>	<b>R. ter Hofstede Neth. Inst. for Fish. Research P.O. Box 68, IJmuiden</b>
<u>TEL/FAX NO</u>	<b>+ 31 255-564646/564644</b>
<u>NO: OF SCIENTISTS</u>	<b>5</b>
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)  
**Southern and Central North Sea: 51°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 INTEND PORTS OF CALL: **04 - 05 February 2006 Aberdeen**
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk. 4-9**
2. DATES OF CRUISE FROM **23 January 2006** TO **3 March 2006**
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 geartrawl 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 eg Geological/Water/Plankton/Fish/Radionuclide:  
*Fish, plankton and water samples*
- b) METHODS OF OBTAINING SAMPLES (eg dredging/coring/drilling/fishing etc)  
(When using fishing gear indicate fish stocks being worked, quantity of each species require, quantity 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: **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 HAZERDOUS MATERIAL: (Chemicals/Explosives/Gases/Raioactive etc)

(Use separate sheet if necessary)

- a) TYPE AND TRADE NAME
- b) CHEMICAL CONTENT (& Formula)
- c) IMO IMDG CODE Reference & UN Number
- 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 RESEARCH 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 THE 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** **Norway**

COMPLETE THE FOLLOWING TABLE -  
 SEPERATE PAGE FOR EACH COASTAL STATE

DATES

INDICATE "YES" OR "NO"

LIST SCIENTIFIC WORK BY FUNCTION				DISTANCE FROM COAST			
				WITHIN 12 NMS	BETWEEN 12-200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN	
eg: MAGNETOMETRY : GRAVITY DIVING : SEISMICS : BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING : WATER SAMPLING U/W T.V. : 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				
				<b>YES</b>	<b>YES</b>	<b>NO</b>	

**H. van Duyvenvoorde**  
 (On behalf to the Principal Scientist)

Dated **24 October 2005**

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

# IBTS Quarter 1 survey areas NL

