

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk. 20**
2. DATES OF CRUISE FROM **15 May 2006** TO **19 May 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> | TRIDENS |
| <u>NATIONALITY</u> | Dutch |
| <u>OVERALL LENGTH</u> | 73.5 METRES |
| <u>MAXIMUM DRAUGHT</u> | 5,20 METRES |
| <u>NETT TONNAGE</u> | 659 |
| <u>POPULSION</u> | DIESEL |
| <u>CALL SIGN</u> | PBVO |
| <u>REGISTRATION PORT & NUMBER</u>
(if registered fishing vessel) | |
6. CREW
- | | |
|-----------------------|-------------------|
| <u>NAME OF MASTER</u> | A. Hofland |
| <u>NUMBER OF CREW</u> | 21 |
7. SCIENTIFIC PERSONNEL
- | | |
|------------------------------------------------|----------------------------------------------------------------------------------------|
| <u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u> | C. J. G. van Damme
Neth. Inst. for Fish. Research
P.O. Box 68, IJmuiden |
| <u>TEL/FAX NO</u> | + 31 255-564716/564644 |
| <u>NO: OF SCIENTISTS</u> | 2 |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)
English Channel + Southern North Sea (East of 2°W/South of 53°N)
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **Comparitive fishing with plankton torpedo's Gulf III and VII and to collect data on the distribution of horse mackerel eggs**
10. DATES AND NAMES OF INTEND PORTS OF CALL: **none**
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: **none**

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk . 20**
2. DATES OF CRUISE FROM **15 May 2006** TO **19 May 2006**
3. a) PURPOSE OF RESEARCH *To Comparative fishing with plankton torpedo's Gulf III and VII and to collect data on the distribution of horse mackerel eggs. To obtain hydrographical data.*

b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear trawl type, mesh size etc:)
Gulf III and VII plankton sampler
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:
*Plankton samples for analysing horse mackerel eggs.
The sampler is dragged behind the vessel, while it is lowered down to approximately 5 meters above the bottom and up again.
The plankton sampler is clearly NOT a bottom gear.*

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)
By fishing with a Gulf III and VII plankton sampler.
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) **none**

- 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:

b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE:
Reports of ICES Planning group of Herring 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 :

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
Agreements will be made by RIVO/IJmuiden

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

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE **FRANCE, UK, Belgium**

COMPLETE THE FOLLOWING TABLE -
SEPERATE PAGE FOR EACH COASTAL STATE

PORT CALL

DATES

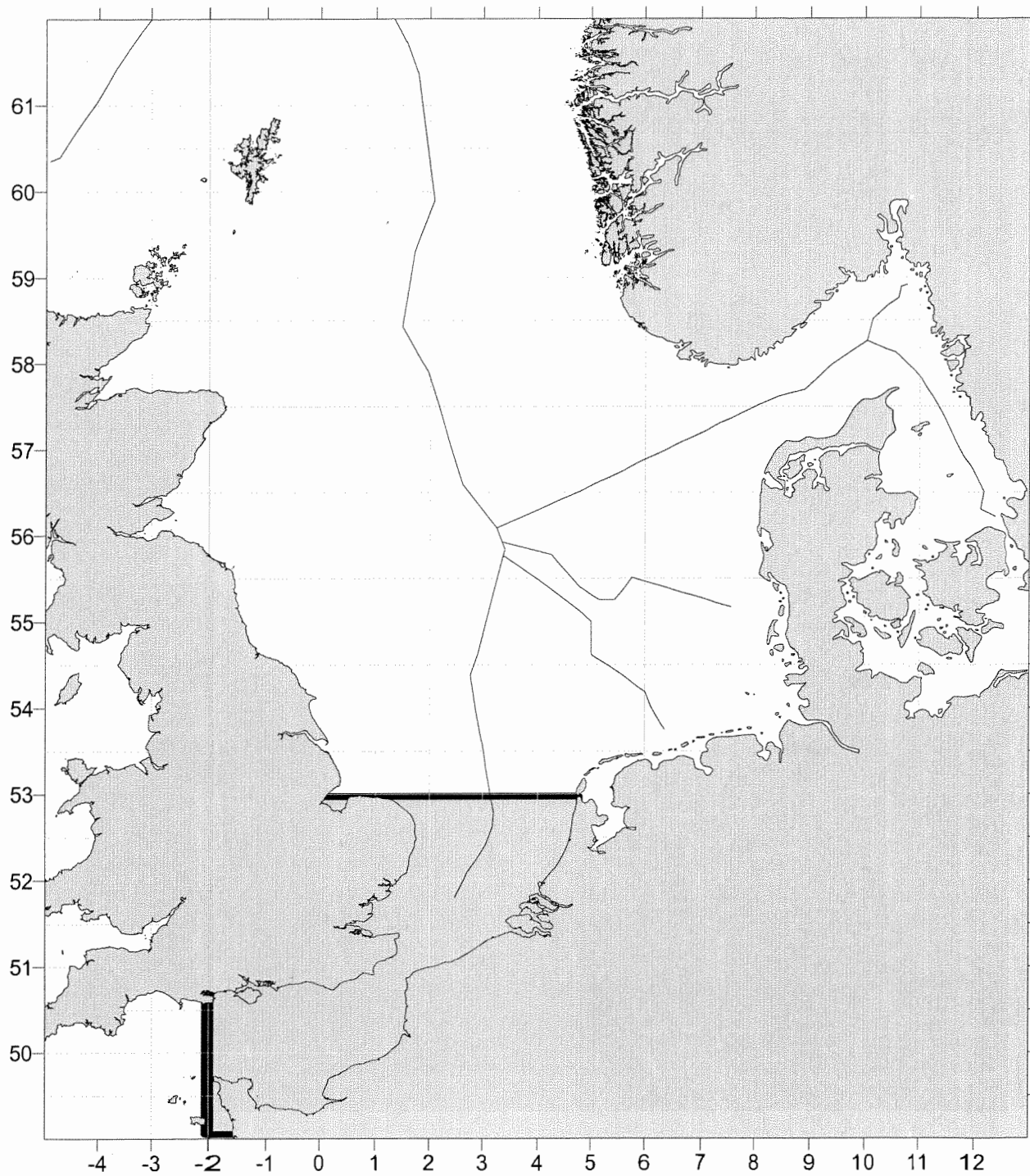
INDICATE "YES" OR "NO"

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			
<i>Gulf VII Plankton sampler</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>yes</i>	<i>yes</i>	<i>no</i>
<i>Gulf III Plankton sampler</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>yes</i>	<i>yes</i>	<i>no</i>
<i>CTD-recorder</i>	<i>yes</i>	<i>yes</i>	<i>no</i>	<i>yes</i>	<i>yes</i>	<i>no</i>

H. van Duijvenvoorde
(On behalf to the Principal Scientist)

Dated **9 February 2006**

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.



Comparative fishing and horse mackerel egg survey, Tridens, 15 - 19 May 2006