

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk 23 t/m 25**
2. DATES OF CRUISE FROM **2 June 2008** TO **20 June 2008**
3. OPERATING AUTHORITY **Ministry of Agriculture, Nature Management  
& Fisheries  
Bezuidenhoutseweg 73  
THE HAGUE**
- TELEPHONE **070-3784349** TELEX **32040 Lavinl**
- FACSIMILE **070-3786153** 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</b> METRES |
| <u>MAXIMUM DRAUGHT</u>  | <b>5,20</b> METRES |
| <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><br>(if registered fishing vessel) |                    |
6. CREW
- |                       |                     |
|-----------------------|---------------------|
| <u>NAME OF MASTER</u> | <b>K. Reichgeld</b> |
| <u>NUMBER OF CREW</u> | <b>21</b>           |
7. SCIENTIFIC PERSONNEL
- |  |   |
|--|---|
| <u>NAME AND ADDRESS OF<br/>SCIENTIST IN CHARGE</u> | <b>Drs. C.J.G. van Damme<br/>IMARES<br/>P.O. Box 68, IJmuiden</b> |
| <u>TEL/FAX NO</u>                                  | <b>+ 31 255 564646/564644</b>                                     |
| <u>NO: OF SCIENTISTS</u>                           | <b>4</b>  |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)  
**North Sea ( see chart )**
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **North Sea Mackerel egg survey 2008**
10. DATES AND NAMES OF INTEND PORTS OF CALL: **6-9 June Aberdeen UK**
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: **no**

PART B : GENERAL

1. NAME OF RESEARCH SHIP: *TRIDENS* CRUISE NO: *wk. 23 t/m 25*

2. DATES OF CRUISE FROM *2 June 2008* TO *20 June 2008*

3. a) PURPOSE OF RESEARCH *Biomass estimation of mackerel stock in the North Sea*

b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear/ trawl type, mesh size etc:)  
*Mackerel eggs will be collected with a plankton sampler. Mackerel samples will be collected with a pelagic trawl.*

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:  
*See chart*

5. a) TYPES OF SAMPLES REQUIRED eg Geological/Water/Plankton/Fish/Radionuclide:  
*Approximately 200 plankton samples and 6 hauls with pelagic trawl*

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)  
*Gulf VII sampler mounted with a CTD on top for fishing on eggs and pelagic trawl for taking biological fish samples*

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:

**North Sea Mackerel egg survey in 2005**

- b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE:

**Planning of these 2008 Mackerel Egg Survey will be given in:**

**ICES 2008. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS. ICES CM 2008.**

**Results of the 2005 Mackerel Egg Survey are given in:**

**ICES 2006. REPORT OF THE WORKING GROUP on MACKEREL AND HORSE MACKEREL EGG SURVEYS. ICES CM 2006/LRC:09 Ref RMC, 75 pp.**

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:

**See added list (Appendix)**

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

**Results of this survey will be published in 2009.**

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE *England/Germany/Denmark,  
Norway*

COMPLETE THE FOLLOWING TABLE -  
SEPERATE PAGE FOR EACH COASTAL STATE

PORT CALL

DATES

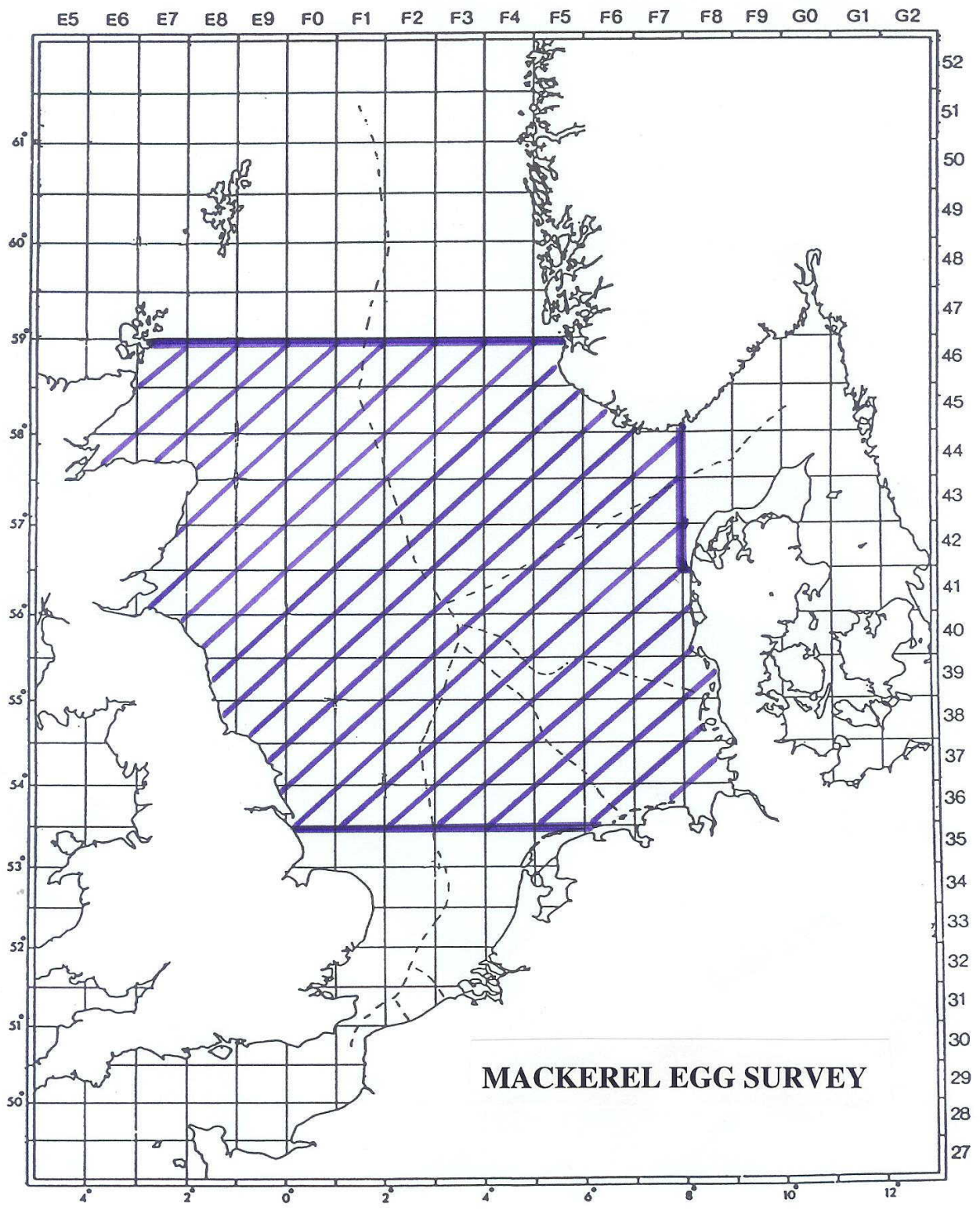
INDICATE "YES" OR "NO"

<u>LIST SCIENTIFIC WORK BY FUNCTION</u>				<u>DISTANCE FROM COAST</u>			
				<u>WITHIN 12 NMS</u>	<u>BETWEEN 12-200 NM</u>	<u>(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN</u>	
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>NO</b>	<b>YES</b>	<b>YES</b>	

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

Dated **9 January 2008**

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.



## APPENDIX

NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE:

<b>SURNAME</b>	<b>NAME</b>	<b>INSTITUTION</b>	<b>E-MAIL</b>	<b>Country</b>
Ulleweit	Jens	BFA-Fi/ISH	jens.ulleweit@ish.bfa-fisch.de	Germany
Iversen	Svein	IMR	sveini@imr.no	Norway
Sparre	Per	DIFRES	pjs@difres.dk	Denmark
Reid	Dave	FRS-MarLab	reiddg@marlab.ac.uk	U.K. (Scotland)
Van Damme	Cindy	IMARES	cindy.vandamme@wur.nl	Netherlands