

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk 19 t/m 25**
2. DATES OF CRUISE FROM **7-05-2007** TO **22-06-2007**
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>A. Hoek</b> |
| <u>NUMBER OF CREW</u> | <b>21</b>      |
7. SCIENTIFIC PERSONNEL NAME AND ADDRESS OF
- Drs. C. J. G. van Damme**  
SCIENTIST IN CHARGE  
**IMARES**  
**P.O. Box 68**  
**IJmuiden**
- |                          |                               |
|--------------------------|-------------------------------|
| <u>TEL/FAX NO</u>        | <b>+ 31 255 564646/564644</b> |
| <u>NO: OF SCIENTISTS</u> | <b>3</b>                      |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)  
**Western Channel, Celtic Sea, Bay of Biscay (see attached maps)**
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **Mackerel/horse mackerel egg survey 2007**
10. DATES AND NAMES OF INTEND PORTS OF CALL:
11. **12-14 May Brest**  
**18-20 May Lorient**  
**24 May - 4 June Brest**  
**9-11 June Lorient**  
**15-17 June Brest**

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: **no**

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk. 19 t/m 25**

2. DATES OF CRUISE FROM **7-05-2007** TO **22-06-2007**

3. a) PURPOSE OF RESEARCH **Biomass estimation of mackerel and horse mackerel stock**

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

5. a) TYPES OF SAMPLES REQUIRED eg Geological/Water/Plankton/Fish/Radionuclide:  
**Approximately 400 plankton samples and 12 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:  
**2004 mackerel/horse mackerel egg survey**

b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE:  
**Planning of these 2007 Mackerel/Horse Mackerel Egg Survey is given in:  
 ICES 2006. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS.  
 ICES CM 2006/LRC:09, Ref. RMC  
 Results of the 2004 Mackerel/Horse Mackerel Egg Survey are given in:  
 ICES 2005. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS.  
 ICES CM 2005/G:09 Ref. D**

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 (Annex 1)**

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 2008.**

PART C: SCIENTIFIC EQUIPMENT

COMPLETE THE FOLLOWING TABLE -  
 SEPERATE PAGE FOR EACH COASTAL STATE

COASTAL STATE **UK/France/  
Ireland**

PORT CALL

DATES

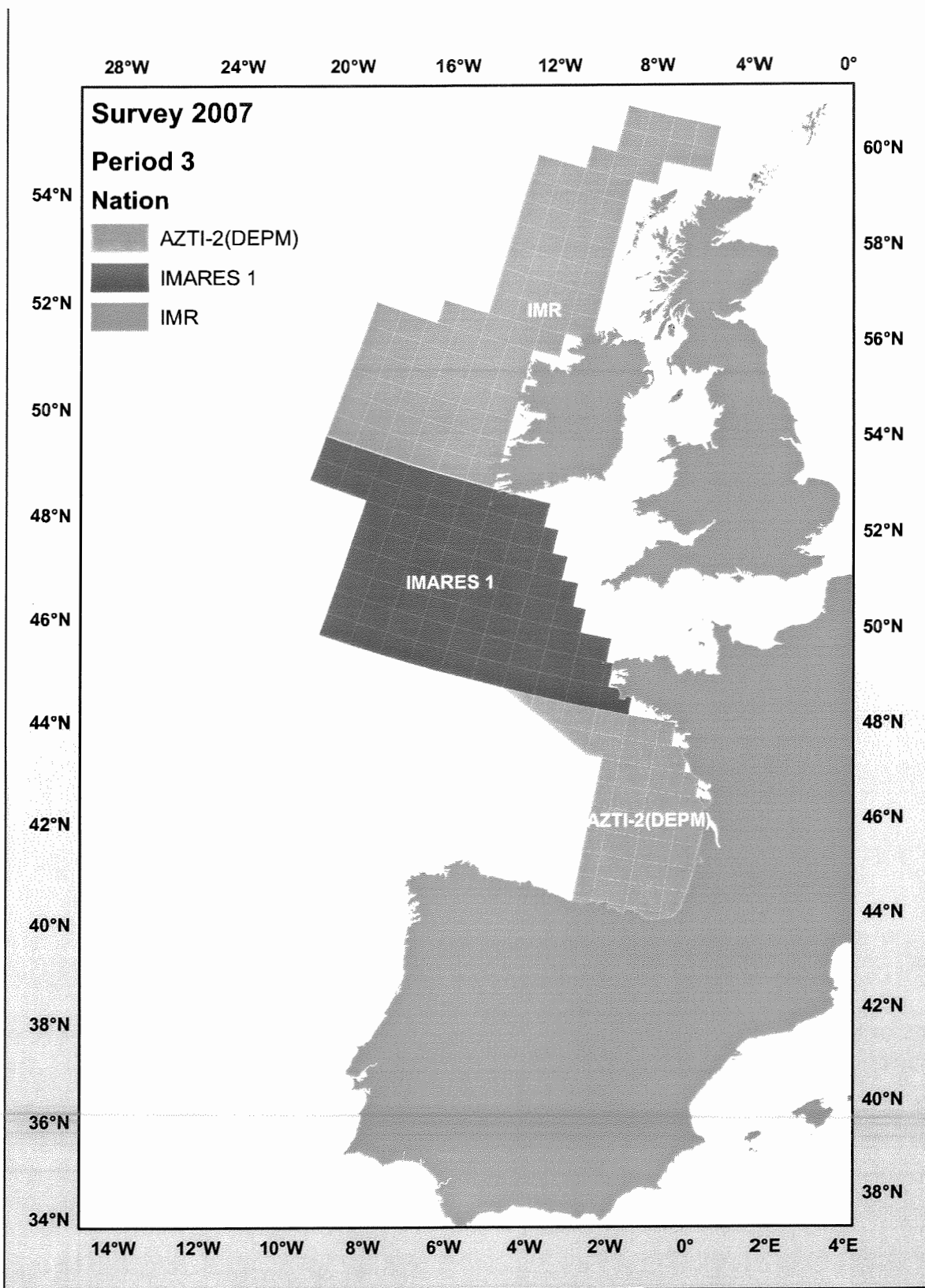
INDICATE "YES" OR "NO"

<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>YES</b>	<b>YES</b>	<b>YES</b>

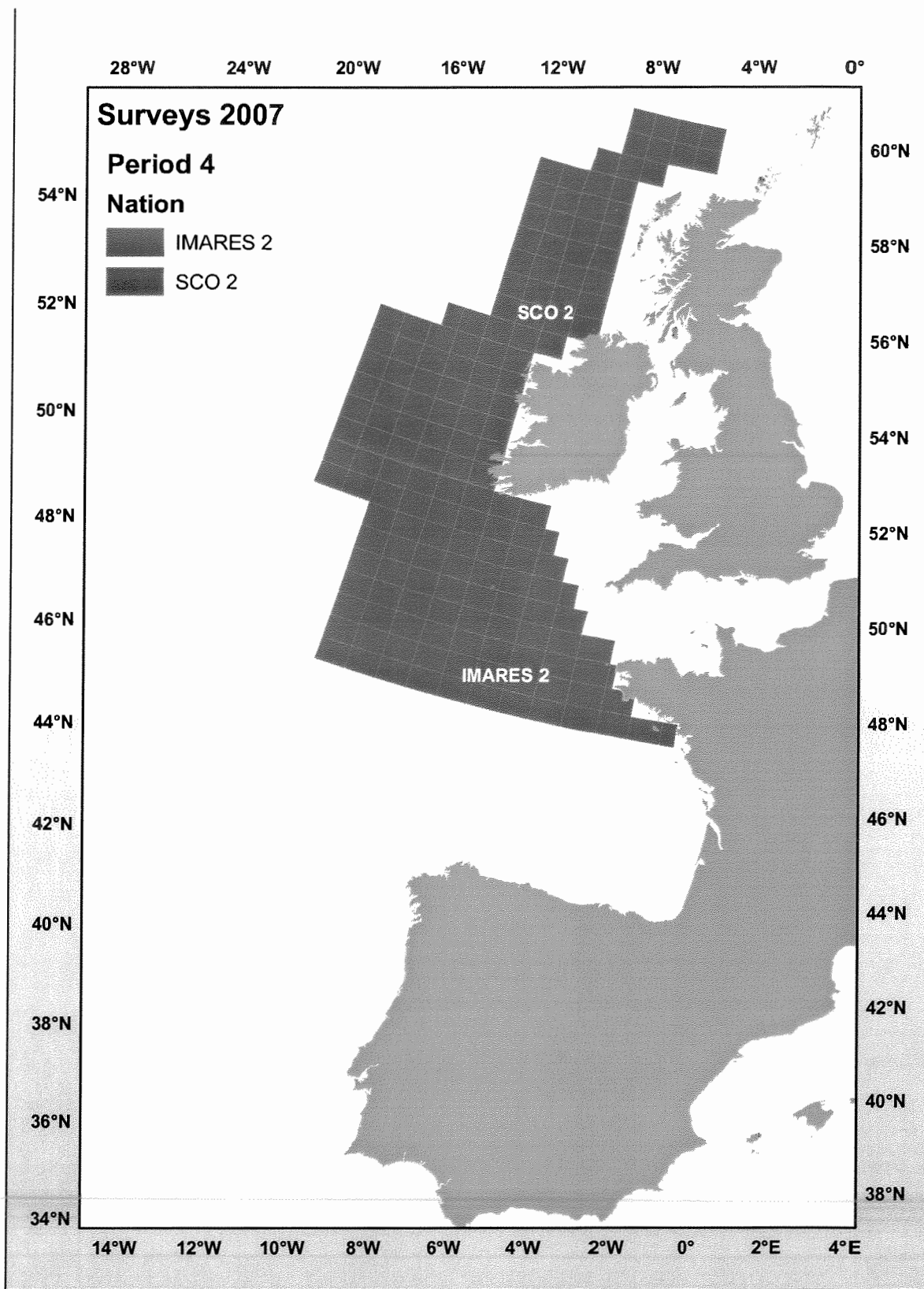
**H. van Duijvenvoorde**   
 (On behalf of the Principal Scientist)

Dated **5 January 2007**

NB 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.



Survey plan for May, the pink area will be surveyed by the Tridens in May.



Survey plan for June, the pink area will be surveyed by the Tridens in June.

**Annex 1: Participants of the mackerel and horse mackerel egg surveys in 2007**

SURNAME	NAME	INSTITUTION	E-MAIL	Country
Ulleweit	Jens	BFA-Fi/ISH	jens.ulleweit@ish.bfa-fisch.de	Germany
O'Hea	Brendan	Marine Institute of Ireland	brendan.ohea@marine.ie	Ireland
Iversen	Svein A.	IMR	sveini@imr.no	Norway
Van Damme	Cindy	RIVO	cindy.vandamme@wur.nl	Netherlands
Pissarra	Joaquim	IPIMAR	pissarra@ipimar.pt	Portugal
Franco	Concha	IEO	concha.franco@md.ieo.es	Spain
Alvarez	Paula	AZTI	palvarez@pas.azti.es	Spain (Basque country)
Reid	Dave	FRS-MarLab	reiddg@marlab.ac.uk	U.K. (Scotland)