NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: TRIDENS CRUISE NO: wk 18 t/m 24

3-05-2010 DATES OF CRUISE FROM TO 18-06-2010

3. OPERATING AUTHORITY Ministry of Agriculture, Nature management & Food

quality

Department AgroKetens & Fisheries

Prins Clauslaan 8 2595 AJ DEN HAAG

<u>TELEPHONE</u> 070-3784349 32040 Lavinl TELEX

FACSIMILE 070-3786153 E-MAI1 j.j.van.dijk@minlnv.nl

J.W.Groen@minlnv.nl

<u>OWNER</u> (If different from Para 3)

> 5. PARTICULARS OF SHIP NAME TRIDENS

> > NATIONALITY Dutch

73,5 METRES OVERALL LENGTH

MAXIMUM DRAUGHT 5,20 METRES

NETT TONNAGE 659

POPULSION DIESEL

CALL SIGN PBVO

REGISTRATION PORT & NUMBER (if registered fishing vessel)

6. CREW NAME OF MASTER K. Reichgeld

> NUMBER OF CREW 21

NAME AND ADDRESS OF SCIENTIST IN CHARGE SCIENTIFIC PERSONNEL Drs. C. J. G. van Damme

TMARES

P.O. Box 68, IJmuiden

TEL/FAX NO + 31 317 480900/487326

NO: OF SCIENTISTS .3

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 2010

10. DATES AND NAMES OF INTEND PORTS OF CALL:

8-10 May La Pallice 14 -16 May Lorient 20 - 31 May Brest 5 - 7 June St Nazaire 11 - 13 June Brest

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. 18 t/m 24

2. <u>DATES OF CRUISE</u> FROM **3-05-2010** TO **18-06-2010**

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

b) GENERAL OPRATIONAL METHODS (including full description of any fishing geartrawl 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. <u>ATTACH CHART</u> showing (on an <u>appropriate</u> scale) the geographical area of the intended work, positions od intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished:

 See maps
- 5. <u>a) TYPES OF SAMPLES REQUIRED</u> eg Geological/Water/Plankton/Fish/Radionuclide: Approximately 300 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>

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. <u>DETAIL & REFERENCE OF:</u>

- a) ANY RELEVANT PREVIOUS/FUTURE CRUISES: 2007 mackerel/horse mackerel egg survey
- b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE: Planning of these 2010 Mackerel/Horse Mackerel Egg Survey is given in: ICES 209. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS. ICES CM 2009/LRC:09.
 Results of the 2007 Mackerel/Horse Mackerel Egg Survey are given in: ICES 2008. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS.
- ICES CM 2008/LRC:09
- 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 2011.

PART C: SCIENTIFIC EQUIPMENT

COMPLETE THE FOLLOWING TABLE - SEPERATE PAGE FOR EACH COASTAL STATE

COASTAL STATE UK/France/ Ireland

PORT CALL

DATES

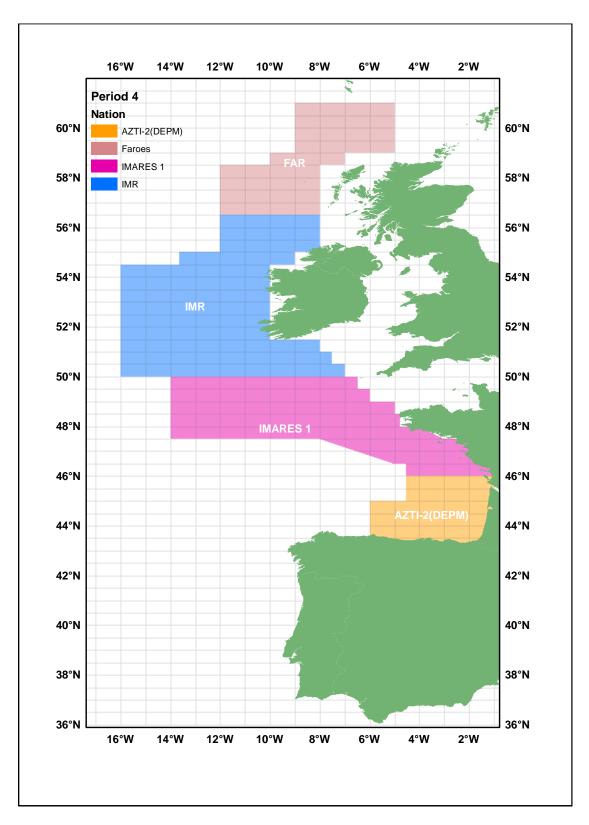
INDICATE "YES" OR "NO"

LIST SCIENTIFIC WORK BY FUNCTION				DISTANCE	FROM COAST	,
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	WITHIN 12 NMS	BETWEEN 12-200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN
				YES	YES	YES

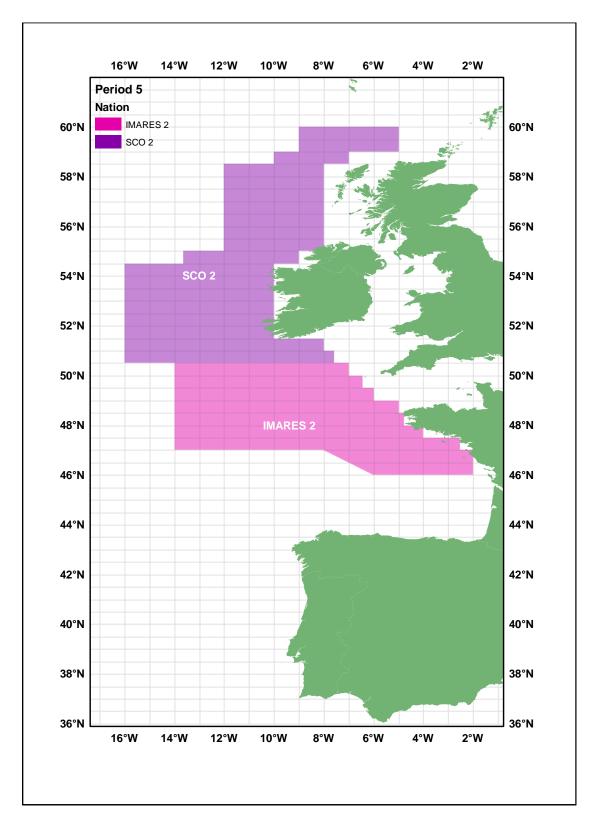
E. Hoeboer-van Wooning
(On behalf to the Principal Scientist)

20 October 2009 Dated

IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES/AREA OF OPERATION AFTER THIS NBFORM 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 2010

SURNAME	NAME	INSTITUTION	E-MAIL	Country
Ulleweit	Jens	vTi	jens.ulleweit@vti.bund.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	IMARES	cindy.vandamme@wur.nl	Netherlands
Angelico	Maria Manuel	IPIMAR	angelico@ipimar.pt	Portugal
Franco	Concha	IEO	concha.franco@md.ieo.es	Spain
Alvarez	Paula	AZTI	palvarez@pas.azti.es	Spain (Basque country)
Finlay	Dave	MSSML	F.Burns@marlab.ac.uk	U.K. (Scotland)