



IMARES

WAGENINGEN UR

For quality of life

P.O. Box 86 | 1970 AB IJmuiden | The Netherlands

Law of the sea section Legal Advisers  
Foreign and commonwealth office  
Kay Enifer  
King Charles Street  
London SW 1A 2AH  
United Kingdom

Dear Kay Enifer,

Herewith I send you the forms for permission for our research vessel  
TRIDENS for research activities in waters governed by the jurisdiction of  
England.

It will be for the period of week 22 up to and including week 24  
(30-05-2011 to 18-06-2011)

Kind regards,

Lydia Cornelissen

copy; J.W. Groen, dlr. Visserijen

DATE  
December 15, 2010

SUBJECT  
Request for Permit

POSTAL ADDRESS  
P.O. Box 86  
1970 AB IJmuiden  
The Netherlands

VISITORS' ADDRESS  
Harlingkade 1  
1976 CP IJmuiden

INTERNET  
[www.imares.wur.nl](http://www.imares.wur.nl)

COC NUMBER  
09098104

HANDLED BY  
Lydia Cornelissen-Schaap

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0317-487049

EMAIL  
[lydia.cornelissen@wur.nl](mailto:lydia.cornelissen@wur.nl)

Wageningen UR (Wageningen  
University, Van Hall Larenstein  
University of Applied Sciences and  
various research institutes) is  
specialised in the domain of healthy  
food and living environment.

IMARES, part of Wageningen UR, is a  
leading, independent research  
Institute that concentrates on  
research into strategic and applied  
marine ecology.



# NOTIFICATION OF PROPOSED RESEARCH

## PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk 22 t/m 24**

2. DATES OF CRUISE FROM **30-05-2011** TO **18-06-2011**

### 3. OPERATING AUTHORITY

**Ministry of Agriculture, Nature management & Food  
quality  
Department AgroKetens & Fisheries  
Prins Clauslaan 8  
2595 AJ DEN HAAG**

TELEPHONE **070-3784349**

TELEX **32040 Lavinl**

FACSIMILE **070-3786153**

E-MAIL **j.j.van.dijk@minlnv.nl**

**wim.groen@rws.nl**

4. OWNER  
(If different from  
Para 3)

5. PARTICULARS OF SHIP NAME **TRIDENS**

NATIONALITY **Dutch**

OVERALL LENGTH **73,5** METRES

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**

7. SCIENTIFIC PERSONNEL NAME AND ADDRESS OF  
SCIENTIST IN CHARGE **Drs. C. J. G. van Damme  
IMARES  
P.O. Box 68, IJmuiden**

TEL/FAX NO **+ 31 317 480900/487326**

NO: OF SCIENTISTS **3**

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)  
**North Sea (see attached map)**

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **North Sea mackerel egg survey 2011**

10. DATES AND NAMES OF INTEND PORTS OF CALL: **4 - 5 June Aberdeen UK**

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. 22 t/m 24**
2. DATES OF CRUISE FROM **30-05-2011** TO **18-06-2010**
3. a) PURPOSE OF RESEARCH **Biomass estimation of mackerel stock in the North Sea**  
 b) GENERAL OPERATIONAL METHODS (including full description of any fishing geartrawl type, mesh size etc:)  
**Mackerel eggs will be collected with a plankton sampler. Mackerel adult 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 map**
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> |
|---------------|-----------------|--------------------|--------------|-----------------|------------------|
|---------------|-----------------|--------------------|--------------|-----------------|------------------|

7. ANY HAZERDOUS MATERIAL: (Chemicals/Explosives/Gases/Radioactive 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:  
**2008 North Sea Mackerel egg survey**

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

Planning of these 2011 Mackerel Egg Survey will be given in:

ICES 2011. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS.  
ICES CM 2011.

Results of the 2008 Mackerel Egg Survey are given in:

ICES 2009. REPORT OF THE WORKING GROUP ON MACKEREL AND HORSE MACKEREL EGG SURVEYS.  
ICES CM 2009/LRC:09, 107 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 (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 2012.

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE UK/Germany/Denmark,  
Norway

SEPERATE PAGE FOR EACH COASTAL STATE

PORT CALL

DATES

INDICATE "YES" OR "NO"

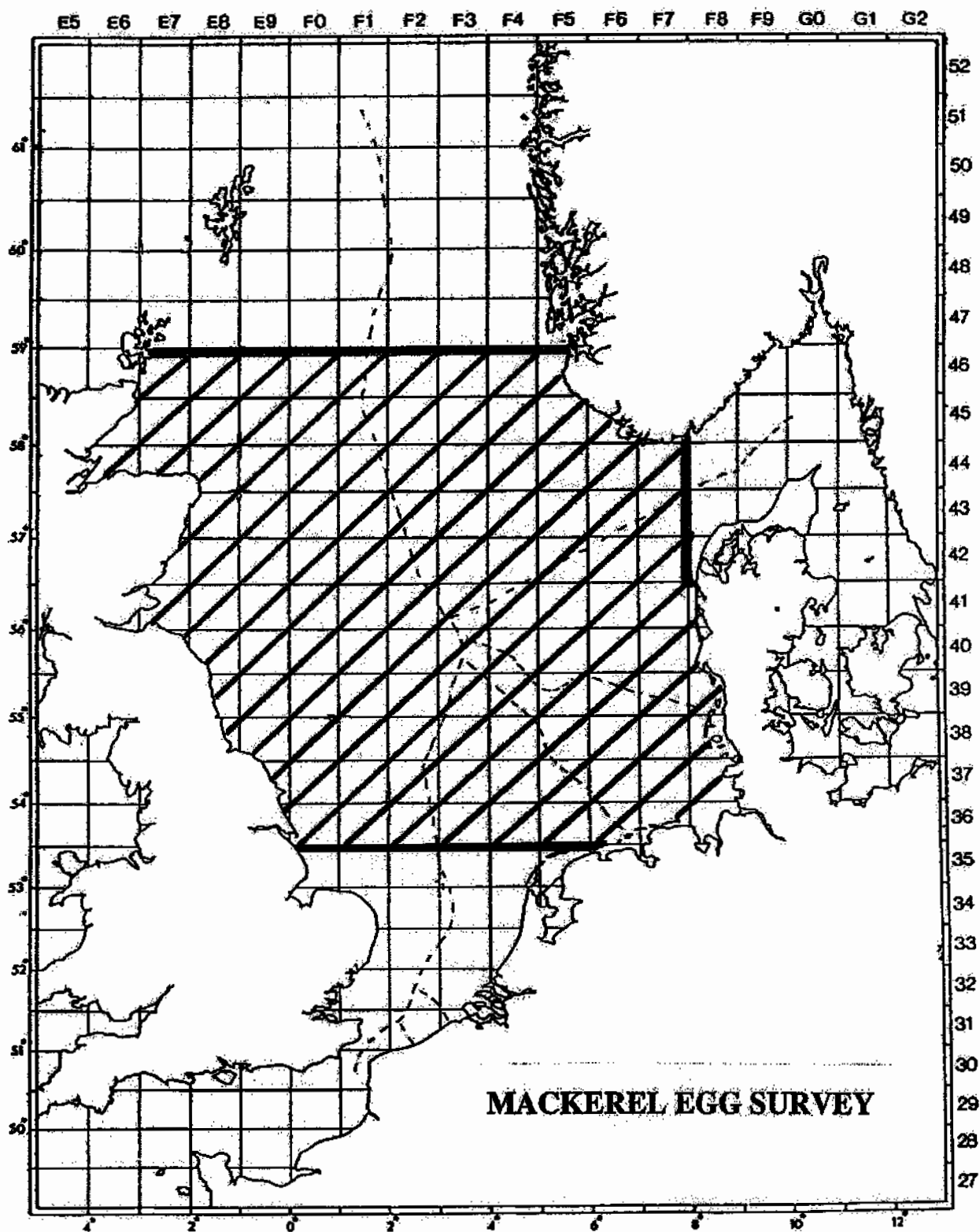
| <u>LIST SCIENTIFIC<br/>WORK BY FUNCTION</u>   |  |  |  | <u>DISTANCE FROM COAST</u> |                              |  |
|---|--|--|--|----------------------------|------------------------------|--|
|   |  |  |  | <u>WITHIN<br/>12 NMS</u>   | <u>BETWEEN<br/>12-200 NM</u> | <u>(CONTINENTAL<br/>SHELF WORK<br/>ONLY)<br/>BEYOND<br/>200 NM BUT<br/>WITHIN THE<br/>CONTINENTAL<br/>MARGIN</u> |
| eg:<br>MAGNETOMETRY :<br>GRAVITY<br>DIVING :<br>SEISMICS :<br>BATHYMETRY<br>SEABED SAMPLING<br>TRAWLING<br>ECHO SOUNDING :<br>WATER SAMPLING<br>U/W T.V. :<br>MOORED<br>INSTRUMENTS :<br>TOWED<br>INSTRUMENTS | WATER<br>COLUMN<br>INCLUDING<br>SEDIMENT<br>SAMPLING<br>OF THE<br>SEABED | FISHERIES<br>RESEARCH<br>WITHIN<br>FISHING<br>LIMITS | RESEARCH<br>CONCERNING<br>THE NATURAL<br>RESOURCES OF<br>THE<br>CONTINENTAL<br>SHELF OR ITS<br>PHYSICAL<br>CHARACTERISTICS |                            |                              |  |
|   |  |  |  | YES                        | YES                          | YES  |

E. Hoeboer-van Wooning

(On behalf to the Principal Scientist)

Dated 14 December 2010

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.



Area that will be surveyed during the North Sea mackerel egg survey in 2011.

**Annex 1: NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE  
PROPOSED CRUISE TAKES PLACE**

| SURNAME   | NAME   | INSTITUTION | E-MAIL                    | Country         |
|-----------|--------|-------------|---------------------------|-----------------|
| Ulleweit  | Jens   | vTi         | jens.ulleweit@vti.bund.de | Germany         |
| Iversen   | Svein  | IMR         | sveini@imr.no             | Norway          |
| Sparre    | Per    | DIFRES      | pjs@difres.dk             | Denmark         |
| Burns     | Finlay | MSSML       | F.Burns@marlab.ac.uk      | U.K. (Scotland) |
| Van Damme | Cindy  | IMARES      | cindy.vandamme@wur.nl     | Netherlands     |

