



**WAGENINGEN UR**

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 the UK, during the period of 17<sup>th</sup> of January – 21<sup>th</sup> of January 2011 (week 3).

With kind regards,

Els Hoeboer

copy; J.W. Groen, RWS

**IMARES**

DATUM  
22 Juli 2010

ONDERWERP  
**permitaanvraag**

BIJLAGE(N)  
**1**

BEHANDELD DOOR  
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Wageningen UR (Wageningen University & Research centre) is een samenwerkingsverband tussen DLO, Wageningen University en Hogeschool Van Hall Larenstein



NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: **wk. 3**
2. DATES OF CRUISE FROM **17 January 2011** TO **21 January 2011**
3. OPERATING AUTHORITY **Ministry of Agriculture, Nature management & Food quality  
Department AgroKetens & Fisheries  
Prins Clauslaan 8  
2595 AJ DEN HAAG**
- TELEPHONE **070-3792349** TELEX **32040 Lavin1**
- FACSIMILE **070-3825648** E-MAIL **j.j.van.dijk@minlnv.nl;**  
**j.w.groen@nimlnv.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 METRES</b> |
| <u>MAXIMUM DRAUGHT</u>  | <b>5,20 METRES</b> |
| <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 SCIENTIST IN CHARGE</u> | <b>C.J.G. van Damme<br/>IMARES (Institute for Marine Resources and Environmental Studies)<br/>P.O. Box 68, IJmuiden</b> |
| <u>TEL/FAX NO</u>                              | <b>+ 31 317 480900/487326</b>   |
| <u>NO: OF SCIENTISTS</u>                       | <b>2</b>  |
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: **Herring larvae Survey**
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. 3**
2. DATES OF CRUISE FROM **17 January 2011** TO **21 January 2011**
3. a) PURPOSE OF RESEARCH **To collect data of the distribution of herring larvae. To obtain hydrographical data.**  
  
b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear/rawl type, mesh size etc:)  
**Gulf 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 herring larvae.**  
**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 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:  
**Yearly, since 1959**

b) ANY PREVIOUSLY PUBLISHED RESEARCH DATA RELATING TO THE PROPOSED CRUISE:  
**Reports of ICES Herring Working Group**

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:  
**Staff members of the Fisheries Laboratories at Lowestoft and Boulogne sur Mer.**

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 IMARES 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

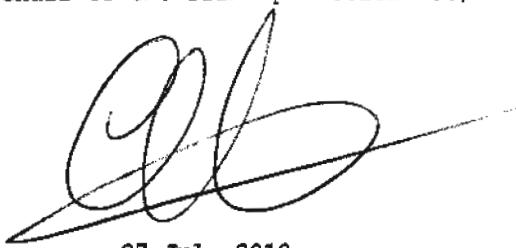
DATES

INDICATE "YES" OR "NO"

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

**E. Hoebner**

(On behalf to the Principal Scientist)



Dated      **27 July 2010**

**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.

