

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **TRIDENS** CRUISE NO: wk. 44 to 45
2. DATES OF CRUISE FROM **29-10-2007** TO **09-11-2007**
3. OPERATING AUTHORITY **Ministry of Agriculture, Nature Management
& Fisheries
Bezuidenhoutseweg 73
THE HAGUE**
- TELEPHONE **070-3792349** TELEX **32040 Lavinl**
- FACSIMILE **070-3825648** E-MAIL **J.W.Groen@minlnv.nl**
4. OWNER
(If different from
Para 3)
5. PARTICULARS OF SHIP
- | | |
|---|--------------------|
| <u>NAME</u> | TRIDENS |
| <u>NATIONALITY</u> | Dutch |
| <u>OVERALL LENGTH</u> | 73,5 METRES |
| <u>MAXIMUM DRAUGHT</u> | 5,20 METRES |
| <u>NETT TONNAGE</u> | 659 |
| <u>POPULSION</u> | DIESEL |
| <u>CALL SIGN</u> | PBVO |
| <u>REGISTRATION PORT & NUMBER</u>
(if registered fishing vessel) | |
6. CREW
- | | |
|-----------------------|-------------------|
| <u>NAME OF MASTER</u> | A. Hofland |
| <u>NUMBER OF CREW</u> | 21 |
7. SCIENTIFIC PERSONNEL
- | | |
|--|---|
| <u>NAME AND ADDRESS OF
SCIENTIST IN CHARGE</u> | ir. B. van Marlen
Wageningen IMARES B.V.
P.O. Box 68, IJmuiden |
| <u>TEL/FAX NO</u> | + 31 255 564646/564644 |
| <u>NO: OF SCIENTISTS</u> | 3 |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)
see attached map
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **Comparative fishing with a standard
12m standard beam trawl and a modified beam trawl to decrease discards.**
10. DATES AND NAMES OF INTEND PORTS OF CALL:
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. 44 to 45*

2. DATES OF CRUISE FROM *29-10-2007* TO *09-11-2007*

3. a) PURPOSE OF RESEARCH

Investigate the practical feasibility of trawl modifications to reduce discards

b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear, trawl type, mesh size etc:)

Beam trawling, standard 80 mm mesh size

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 attached map

5. a) TYPES OF SAMPLES REQUIRED e.g. Geological/Water/Plankton/Fish/Radionuclide:

Fish

b) METHODS OF OBTAINING SAMPLES (e.g. 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)

Fishing

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:

Similar trips on the Dutch continental plat in November 1998 & 1999

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

Marlen, B. van, 2003. Improving the selectivity of beam trawls in The Netherlands. The effect of large mesh top panels on the catch rates of sole, plaice, cod and whiting. Fisheries Research, 63, 155-168.

Marlen, B. van, M.J.N. Bergman, S. Groenewold, M. Fonds, 2005. New approaches to the reduction of non-target mortality in beam trawling. Fisheries Research, 72: 333-345

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:

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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

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE *England/Germany*

COMPLETE THE FOLLOWING TABLE -
SEPERATE PAGE FOR EACH COASTAL STATE

PORT CALL *None*

DATES _____

INDICATE "YES" OR "NO"

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

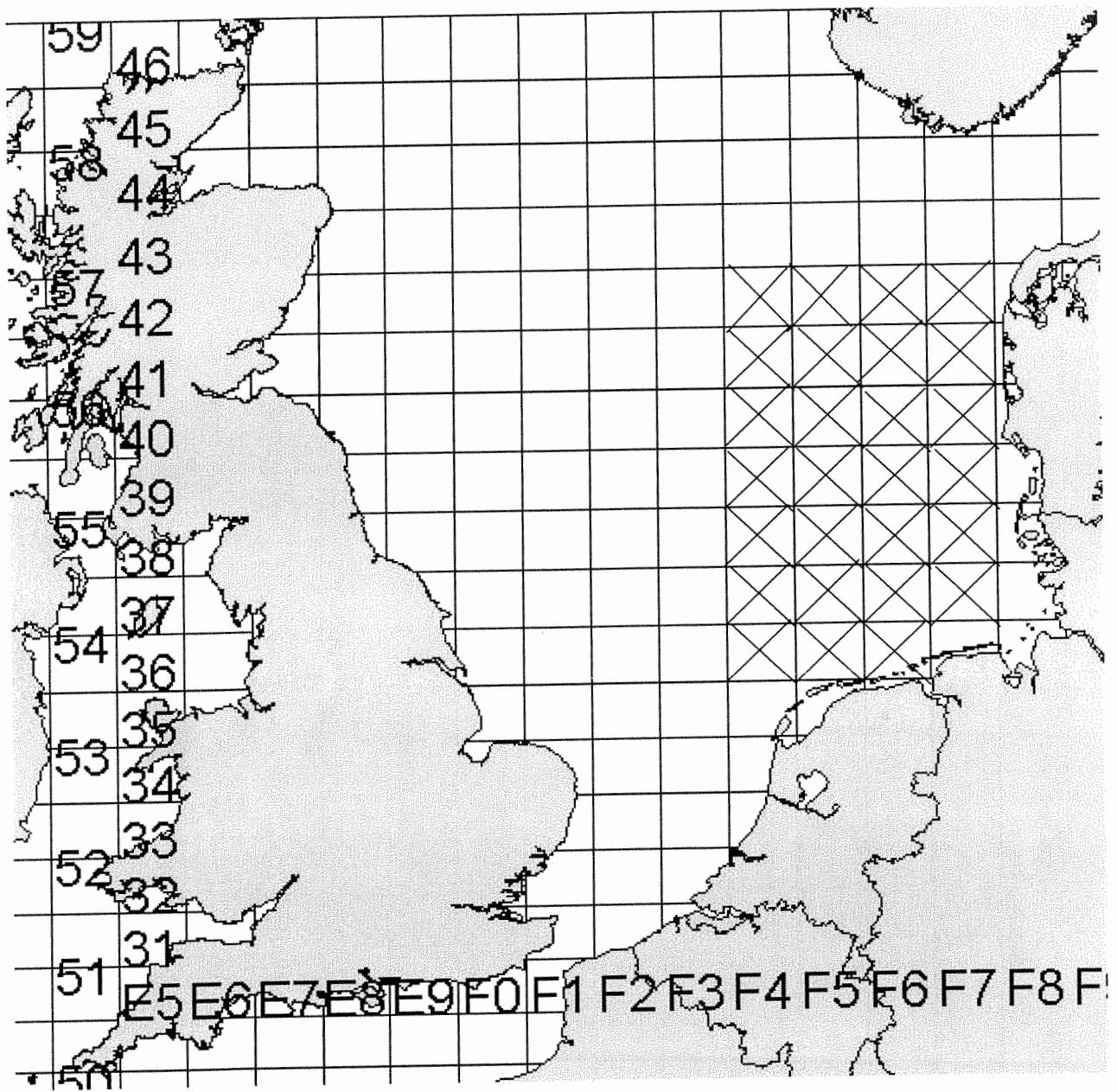
(On behalf to the Principal Scientist)

Ir. B. van Marlen

Dated *12 October 2007*

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.

Map of proposed are of operation DE-permit



Map of proposed are of operation UK-permit

