

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: *TRIDENS* CRUISE NO: *wk. 38-39*
2. DATES OF CRUISE FROM *16 September 2013* TO *27 September 2013*
3. OPERATING AUTHORITY *Ministry of Economic Affairs, Agriculture and Innovation
Department AgroKetens & Fisheries
Prins Clauslaan 8
2595 AJ DEN HAAG*

| | | | |
|------------------|--------------------|---------------|---|
| <u>TELEPHONE</u> | <i>070-3785610</i> | <u>TELEX</u> | <i>32040 Lavinl</i> |
| <u>FACSIMILE</u> | <i>070-3786452</i> | <u>E-MAIL</u> | <i>j.j.vandijk@mineleni.nl</i> <i>wim.groen@rws.nl</i> |
4. OWNER
(If different from
Para 3)
5. PARTICULARS OF SHIP

| | |
|---|--------------------|
| <u>NAME</u> | <i>TRIDENS</i> |
| <u>NATIONALITY</u> | <i>Dutch</i> |
| <u>OVERALL LENGTH</u> | <i>73,5</i> METRES |
| <u>MAXIMUM DRAUGHT</u> | <i>5,20</i> METRES |
| <u>NETT TONNAGE</u> | <i>659</i> |
| <u>POPULSION</u> | <i>DIESEL</i> |
| <u>CALL SIGN</u> | <i>PBVO</i> |
| <u>REGISTRATION PORT & NUMBER</u> (if registered fishing vessel) | |
6. CREW

| | |
|-----------------------|---------------------|
| <u>NAME OF MASTER</u> | <i>K. Reichgeld</i> |
| <u>NUMBER OF CREW</u> | <i>21</i> |
7. SCIENTIFIC PERSONNEL

| | |
|--|---|
| <u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u> | <i>C.J.G. van Damme Wageningen IMARES P.O. Box 68, IJmuiden</i> |
| <u>TEL/FAX NO</u> | <i>+ 31 317 480900/487326</i> |
| <u>NO: OF SCIENTISTS</u> | <i>2</i> |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)
Between 52° 00' and 62° 00' N and between 05° 00' W and 03° 30' E
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: *Herring larvae survey*
10. DATES AND NAMES OF INTEND PORTS OF CALL: *20-09-2013 till 23-09-2013
presumably Aberdeen*
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 38-39*
2. DATES OF CRUISE FROM *16-09-2013* TO *27-09-2013*
3. a) PURPOSE OF RESEARCH *To collect data of the distribution of herring larvae and to obtain hydrographical data.*
b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear/trawl 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 required, quantity of fish to be retained on board)
By fishing with a 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> |
|---------------|-----------------|--------------------|--------------|-----------------|------------------|
|---------------|-----------------|--------------------|--------------|-----------------|------------------|

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 1980

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 Fishery Laboratory at Lowestoft, Steve Milligan (CEFAS)

Staff members of Marine Laboratory at Aberdeen, Emma Hatfield (MSSML)

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 STATEFOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND THE PORTS FOR EMBARKATION/DISEMBARKATION

Arrangements via 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*Gt. Britain*COMPLETE THE FOLLOWING TABLE -
SEPERATE PAGE FOR EACH COASTAL STATEPORT CALLDATESINDICATE "YES" OR "NO"

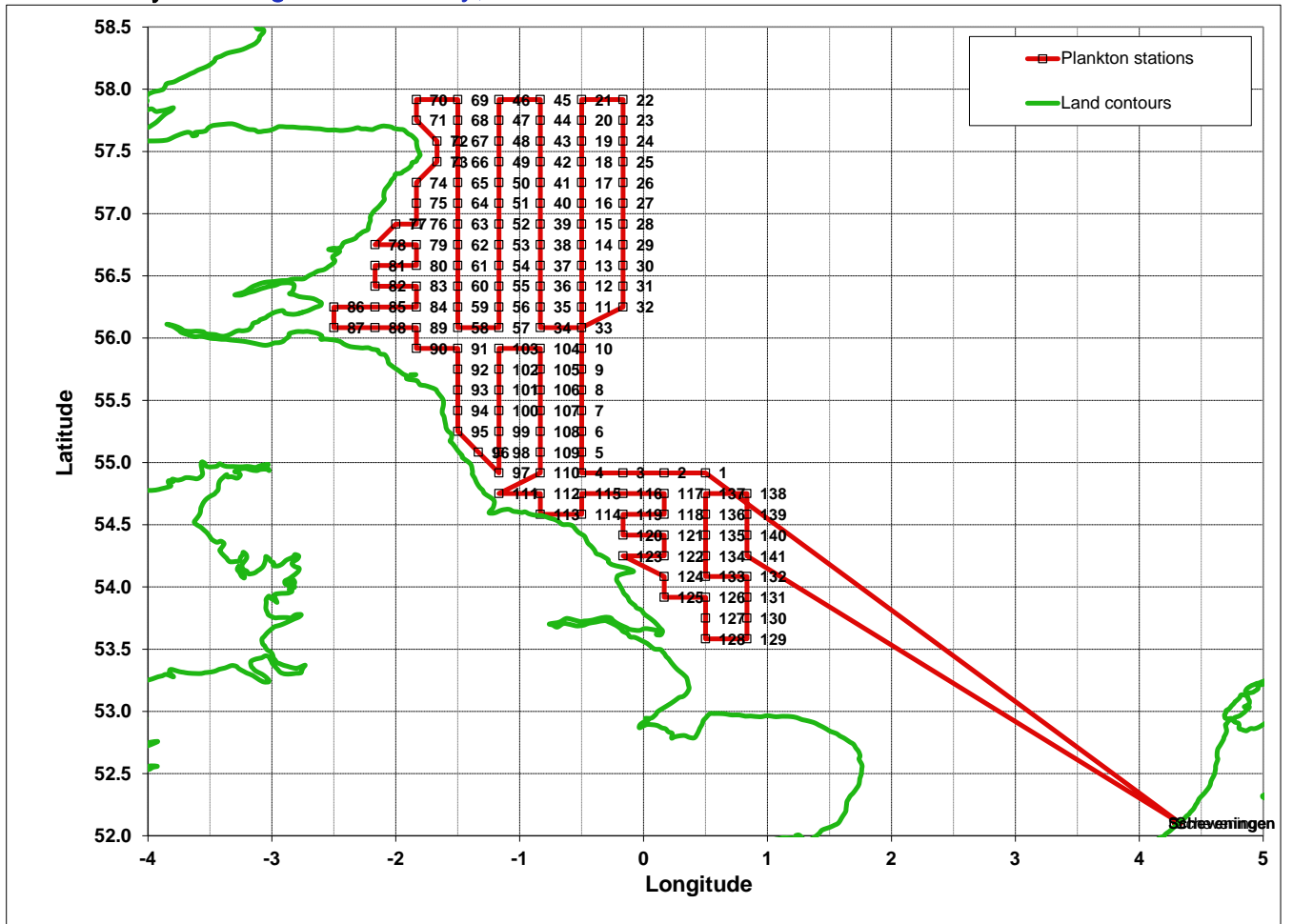
| <u>LIST SCIENTIFIC WORK BY FUNCTION</u> | | | | DISTANCE FROM COAST | | | |
|---|--|--|--|---------------------|----------------------|--|--|
| | | | | WITHIN 12 NMS | BETWEEN 12-200 NM | (CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN | |
| eg: MAGNETOMETRY : GRAVITY 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 | | | | |
| Gulf VII plankton sampler | YES | YES | NO | YES | YES | NO | |
| CTD-recorder | YES | YES | NO | YES | YES | NO | |

L. Cornelissen-Schaap

(On behalf to the Principal Scientist)

Dated **14 March 2013**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.

Survey: Herring larvae survey, Week 38-39 2013



Proposed sampling grid week 38-39 2013