

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **ISIS** CRUISE NO: **wk. 32-44**
2. DATES OF CRUISE FROM **08-08-2016** TO **04-11-2016**
3. OPERATING AUTHORITY **Ministry of transport & public works  
Rijkswaterstaat Dienst Noordzee  
Postbus 5807, 2280 HV Rijswijk**  
  
TELEPHONE **+31 (0)70 - 3366 303** TELEX  
  
FACSIMILE
4. OWNER  
(If different from  
Para 3)
5. PARTICULARS OF SHIP

|   |   |
|---|---|
| <u>NAME</u>   | <b>ISIS</b>                                 |
| <u>NATIONALITY</u>  | <b>Dutch</b>                                |
| <u>OVERALL LENGTH</u>   | <b>28.0</b> METRES                          |
| <u>MAXIMUM DRAUGHT</u>  | <b>2,5</b> METRES                           |
| <u>NETT TONNAGE</u>   | <b>120 BRT</b>                              |
| <u>POPULSION</u>  | <b>STEAM TURBINE/DIESEL/DIESEL ELECTRIC</b> |
| <u>CALL SIGN</u>  | <b>PBXD</b>                                 |
| <u>REGISTRATION PORT &amp; NUMBER</u><br>(if registered fishing vessel) |   |
6. CREW

|                       |               |
|-----------------------|---------------|
| <u>NAME OF MASTER</u> | <b>G. Ros</b> |
| <u>NUMBER OF CREW</u> | <b>6</b>      |
7. SCIENTIFIC PERSONNEL

|  |   |
|--|---|
| <u>NAME AND ADDRESS OF<br/>SCIENTIST IN CHARGE</u> | <b>I.J. de Boois - Drs. L.J. Bolle<br/>IMARES<br/>P.O. Box 68, IJmuiden</b> |
| <u>TEL/FAX NO</u>                                  | <b>0317-487070/0317-487326</b>  |
| <u>NO: OF SCIENTISTS</u>                           | <b>2</b>  |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)  
**southern and southeastern north Sea : South of the 56.00 NB**
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **To obtain a fishery-independent estimate  
of the intensity of the most common age-groups of plaice and sole in the North Sea  
(Stock assessment)**
10. DATES AND NAMES OF INTEND PORTS OF CALL: **Esbjerg or Helgoland**
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B : GENERAL

1. NAME OF RESEARCH SHIP: **ISIS** CRUISE NO: **wk. 32-44**
2. DATES OF CRUISE FROM **08-08-2016** TO **04-11-2016**
3. a) PURPOSE OF RESEARCH *This survey aims at estimating the recruitment of a number of commercial fish species, such as plaice, sole, dab, cod, whiting turbot and brill. During the survey also hydrographical data are collected, using a CTD recording device attached to the net.*  
b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear trawl type, mesh size etc:)  
**BTS : In each ICES-rectangle visited one to four hauls of 30 minutes will be made with a Beam Trawl (week 32-36). After each haul temperature will be taken of surface and bottom.**  
**SNS/DFS : 15 minute hauls will be made within the SNS and DFS areas (5-10 hauls per area, week 37-44)**
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 below
5. a) TYPES OF SAMPLES REQUIRED eg Geological/Water/Plankton/Fish/Radionuclide:  
**Fish trawl hauls and CTD measurements**  
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)  
**Fish samples : Beam Trawl to obtain a fishery-independent estimate of the intensity of the most common age-groups of plaice and sole in the North Sea, and information on the species composition of demersal fish in the North Sea.**
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. DETAIL & REFERENCE OF:

- a) ANY RELEVANT PREVIOUS/FUTURE CRUISES:

***The BTS is carried out since 1985, the DFS is carried out since 1970, the SNS since 1969.***

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

***The data are published in ICES-Reports: Report of the working group on Beam Trawl Surveys (WGBEAM. BTS data are available via then ICES website DATRAS: See [www.ices.dk](http://www.ices.dk)***

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:

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

- c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS  
***Data will be submitted to the ICES BTS [Database](#).***

PART C: SCIENTIFIC EQUIPMENT

COMPLETE THE FOLLOWING TABLE -  
SEPERATE PAGE FOR EACH COASTAL STATE

COASTAL STATE **Denmark, United Kingdom,  
Germany**

PORT CALL

DATES  
INDICATE "YES" OR "NO"

| <u>LIST SCIENTIFIC<br/>WORK BY<br/>FUNCTION</u>   | <u>DISTANCE FROM COAST</u>  |   |   |                         |                          |                             |   |
|---|---|---|---|-------------------------|--------------------------|-----------------------------|---|
|   | <u>WATER<br/>COLUMN<br/>INCLUDING<br/>SEDIMENT<br/>SAMPLING OF<br/>THE SEABED</u> | <u>FISHERIES<br/>RESEARCH<br/>WITHIN<br/>FISHING<br/>LIMITS</u> | <u>RESEARCH<br/>CONCERNING THE<br/>NATURAL<br/>RESOURCES OF<br/>THE CONTINENTAL<br/>SHELF OR ITS<br/>PHYSICAL<br/>CHARACTERISTICS</u> | <u>WITHIN<br/>3 NMS</u> | <u>WITHIN<br/>12 NMS</u> | <u>BETWEEN<br/>12-200NM</u> | <u>(CONTINENTA<br/>L SHELF<br/>WORK ONLY)</u>           |
| eg:<br><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>INSTRUMENTS<br>TOWED<br>INSTRUMENTS | (water<br>column<br>using CTD<br>attached to<br>the net)                          |   |   |                         |                          |                             | BEYOND 200<br>NM BUT<br>WITHIN<br>CONTINENTAL<br>MARGIN |
|   | YES   | YES   | NO  | NO                      | YES                      | YES                         |   |



(On behalf to the Principal Scientist)

**I.J. de Boois**

Dated 20-03-2016

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.

