

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: **ISIS** CRUISE NO: **wk. 32-44**
2. DATES OF CRUISE FROM **03-08-2015** TO **30-10-2015**
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 NAME **ISIS**

NATIONALITY **Dutch**

OVERALL LENGTH **28.0** METRES

MAXIMUM DRAUGHT **2,5** METRES

NETT TONNAGE **120 BRT**

POPULSION **STEAM TURBINE/DIESEL/DIESEL ELECTRIC**

CALL SIGN **PBXD**

REGISTRATION PORT & NUMBER
(if registered fishing vessel)
6. CREW NAME OF MASTER **G. Ros**

NUMBER OF CREW **6**
7. SCIENTIFIC PERSONNEL NAME AND ADDRESS OF
SCIENTIST IN CHARGE **I.J. de Boois - Drs. L.J. Bolle
IMARES
P.O. Box 68, IJmuiden**

TEL/FAX NO **0317-487070/0317-487326**

NO: OF SCIENTISTS **2**
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 **03-08-2015** TO **30-10-2015**
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>
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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

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 WORK BY FUNCTION</u> eg: MAGNETOMETRY : GRAVITY DIVING : SEISMICS : BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING : WATER SAMPLING U/W T.V. : MOORED INSTRUMENTS : TOWED INSTRUMENTS				<u>DISTANCE FROM COAST</u>			
				WITHIN 12 NMS	BETWEEN 12-200 NM	(CONTINENTAL SHELF WORK ONLY) BEYOND 200 NM BUT WITHIN THE CONTINENTAL MARGIN	
				YES	YES		

(On behalf to the Principal Scientist)



Dated 20-03-2015

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.

