NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1.	NAME OF RESEARCH SHIP	: ISIS	CRUISE NO:	wk. 32-44

- 2. <u>DATES OF CRUISE</u> FROM **04-08-2014** TO **31-10-2014**
- 3. <u>OPERATING AUTHORITY</u> *Ministry of transport & public works Rijkswaterstaat Dienst Noordzee Postbus 5807, 2280 HV Rijswijk*
 - <u>TELEPHONE</u> +31 (0)70 3366 303 <u>TELEX</u>

FACSIMILE

NATIONALITY

- 4. <u>OWNER</u>
 (If different from
 Para 3)
- 5. <u>PARTICULARS OF SHIP</u> <u>NAME</u> ISIS

OVERALL LENGTH 28.0 METRES

Dutch

MAXIMUM DRAUGHT 2,5 METRES

NETT TONNAGE 120 BRT

POPULSION STEAM TURBINE/DIESEL/DIESEL ELECTRIC

CALL SIGN PBXD

<u>REGISTRATION PORT & NUMBER</u> (if registered fishing vessel)

6. <u>CREW</u> <u>NAME OF MASTER</u> G. Ros

NUMBER OF CREW 6

- 7. <u>SCIENTIFIC PERSONNEL</u> <u>NAME AND ADDRESS OF</u> <u>SCIENTIST IN CHARGE</u> <u>I.J. de Boois - Drs. L.J. Bolle</u> <u>IMARES</u> P.O. Box 68, IJmuiden <u>TEL/FAX NO</u> <u>0317-487070/0317-487326</u> <u>NO: OF SCIENTISTS</u> 2
- 8. <u>GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE</u> (with reference in Latitude & Longitude) southern and southeastern north Sea : South of the 56.00 NB
- 9. <u>BRIEF DESCRIPTION OF PURPOSE OF CRUISE:</u> 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:

PART B : GENERAL

1.	NAME OF RESEARCH	SHIP:	ISIS		<u>CRUISE NO</u> : wk. 32-44
2.	DATES OF CRUISE	FROM	04-08-2014	ТО	31-10-2014

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.

b) GENERAL OPRATIONAL METHODS (including full description of any fishing geartrawl type, mesh size etc:) BTS : In each ICES-rectangle visited one to four hauls of 30 minutes will be made with a Beam Trawl. 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)

- 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 eq Geological/Water/Plankton/Fish/Radionuclide: Fish and water samples

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

6. <u>DETAILS OF MOORED EQUIPMENT:</u> none

DATES

Layinq

<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. <u>DETAIL & REFERENCE OF:</u>

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. <u>STATE:</u>
 - 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

COASTAL STATE Denmark, United Kingdom, Germany PORT CALL

COMPLETE THE FOLLOWING TABLE -SEPERATE PAGE FOR EACH COASTAL STATE

DATES

LIST SCIENTIFIC WORK BY FUNCTION				DISTANCE	E FROM COAS	с	
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	WITHIN 12 NMS	BETWEEN 12-200 NN	(CONTINENTAL SHELF WORK ONLY) BEYOND I 200 NM BUT WITHIN THE CONTINENTAL MARGIN	
				YES	YES		

INDICATE "YES" OR "NO"

(On behalf to the Principal Scientist)

I.J. de Boois

Dated 24-02-2014

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.

