

## NOTIFICATION OF PROPOSED RESEARCH

## PART A : GENERAL

1.	<u>NAME OF RESEARCH SHIP:</u>	<i>ISIS</i>	<u>CRUISE NO:</u>	<i>wk. 32-43</i>
2.	<u>DATES OF CRUISE</u>	FROM <i>08-08-2005</i>	TO <i>09-09-2005</i>	<i>BTS</i>
		<i>12-09-2005</i>	TO <i>28-10-2005</i>	<i>SNS/ DFS</i>

3. OPERATING AUTHORITY Ministry of Agriculture, Natural Management & Fisheries  
Bezuidenhoutseweg 73  
THE HAGUE

TELEPHONE 070-3792349      TELEX

FACSIMILE

4. OWNER  
(If different from  
Para 3)

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

6. <u>CREW</u>	<u>NAME OF MASTER</u>	<i>N. MESSEMAKER</i>
	<u>NUMBER OF CREW</u>	<i>6</i>

7.	<u>SCIENTIFIC PERSONNEL</u>	<u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u>	<i>Dr.Ir. G.J. Piet - Drs. L.J. Bolle Neth. Inst. for Fish. Research P.O. Box 68, IJmuiden</i>
		<u>TEL/FAX NO</u>	<i>0255-564646/0255-564644</i>
		NO: OF SCIENTISTS	<i>2</i>

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-groupes of plaice and sole in the North Sea (Stock assessment)

10. DATES AND NAMES OF INTEND PORTS OF CALL: *Esbjerg*

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 t/m 43*
2. DATES OF CRUISE FROM *89-08-2005* TO *09-09-2005* *BTS*  
*12-09-2005* TO *28-10-2005* *SNS/ DFS*
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 OPERATIONAL 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 hayuls 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 eg 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. 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 study group on Beam Trawl Surveys. C.M. 1991/G 81; C.M. 1992/G:18 REF,B; C.M. 1993/G5; C.M. 1994/G 5*

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 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  
*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, England  
Germany**

PORT CALL

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				
				YES	YES		

(On behalf to the Principal Scientist)

Dr. G.J. Piet

Dated 6 June 2005

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.

