

NOTIFICATION OF PROPOSED RESEARCH

PART A : GENERAL

1. NAME OF RESEARCH SHIP: *Lub Senior UK 153* CRUISE NO:
2. DATES OF CRUISE FROM *1 January 2007* TO *1 July 2007*
3. OPERATING AUTHORITY *Ministry of Agriculture, Nature and Foodquality
Postbus 20401
2500 EK THE HAGUE*

TELEPHONE *070-3784442* TELEX *32040 Lavinl*

FACSIMILE *070-3786153* E-MAIL *J.W.Groen@viss.agro.nl*
4. OWNER
(If different from
Para 3) *Zeevisserijbedrijf Orion BV UK 153
Pyramideweg 55
8321 CJ URK*
5. PARTICULARS OF SHIP

<u>NAME</u>	<i>Lub Senior</i>
<u>NATIONALITY</u>	<i>Dutch</i>
<u>OVERALL LENGTH</u>	<i>42,4</i> METRES
<u>MAXIMUM DRAUGHT</u>	<i>5,15</i> METRES
<u>NETT TONNAGE</u>	<i>152</i>
<u>POPULSION</u>	<i>DIESEL (1471 kW)</i>
<u>CALL SIGN</u>	<i>PCFI</i>
<u>REGISTRATION PORT & NUMBER</u> (if registered fishing vessel)	
6. CREW

<u>NAME OF MASTER</u>	<i>P.L. van Sloten</i>
<u>NUMBER OF CREW</u>	<i>6 - 7</i>
7. SCIENTIFIC PERSONNEL

<u>NAME AND ADDRESS OF SCIENTIST IN CHARGE</u>	<i>Drs. Marnix van Stralen Fieldcoordinator for directorate of Fisheries Elkerzeeseweg 77 4322 NA SCHARENDIJK Zeeland The Netherlands</i>
<u>TEL/FAX NO</u>	<i>+ 31 111 671584</i>
<u>NO: OF SCIENTISTS</u>	
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference in Latitude & Longitude)
51 N - 57 N ; 1 W - 8 E
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: *Developing and testing a pulse (electric) beamtrawl*
10. DATES AND NAMES OF INTEND PORTS OF CALL: *None*
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL: *None*

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B : GENERAL

1. NAME OF RESEARCH SHIP: *Lub Senior UK 153* CRUISE NO:
2. DATES OF CRUISE FROM *1 January 2007* TO *1 July 2007*
3. a) PURPOSE OF RESEARCH *The main objective of this project is to develop and test a beamtrawl that*
 - a) *is species and length selective*
 - b) *reduces by-catches*
 - c) *reduces the impact of beamtrawling on the marine environment and*
 - d) *increases the quality if the catches*

b) GENERAL OPERATIONAL METHODS (including full description of any fishing geartrawl type, mesh size etc:)
The means to obtain this objective is the electric pulse as an alternative stimulation in a new type of beamtrawl
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 chart 1
5. a) TYPES OF SAMPLES REQUIRED eg Geological/Water/Plankton/Fish/Radionuclide:
Fish
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)
Beamtrawling
6. DETAILS OF MOORED EQUIPMENT: *N/A*

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) **N/A**

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: **N/A**

a) ANY RELEVANT PREVIOUS/FUTURE CRUISES:

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

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:
N/A

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
NO No spare accomodation

c) WHEN RESEARCH DATA FROM THE INTENDED CRUISE IS LIKELY TO BE MADE AVAILABLE TO THE COASTAL STATE AND BY WHAT MEANS

Cruisereport after ending the trials in 2005. The date will be discussed with the EC

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE **Germany/ UK/ Denmark**

COMPLETE THE FOLLOWING TABLE -
SEPERATE PAGE FOR EACH COASTAL STATE

PORT CALL

DATES

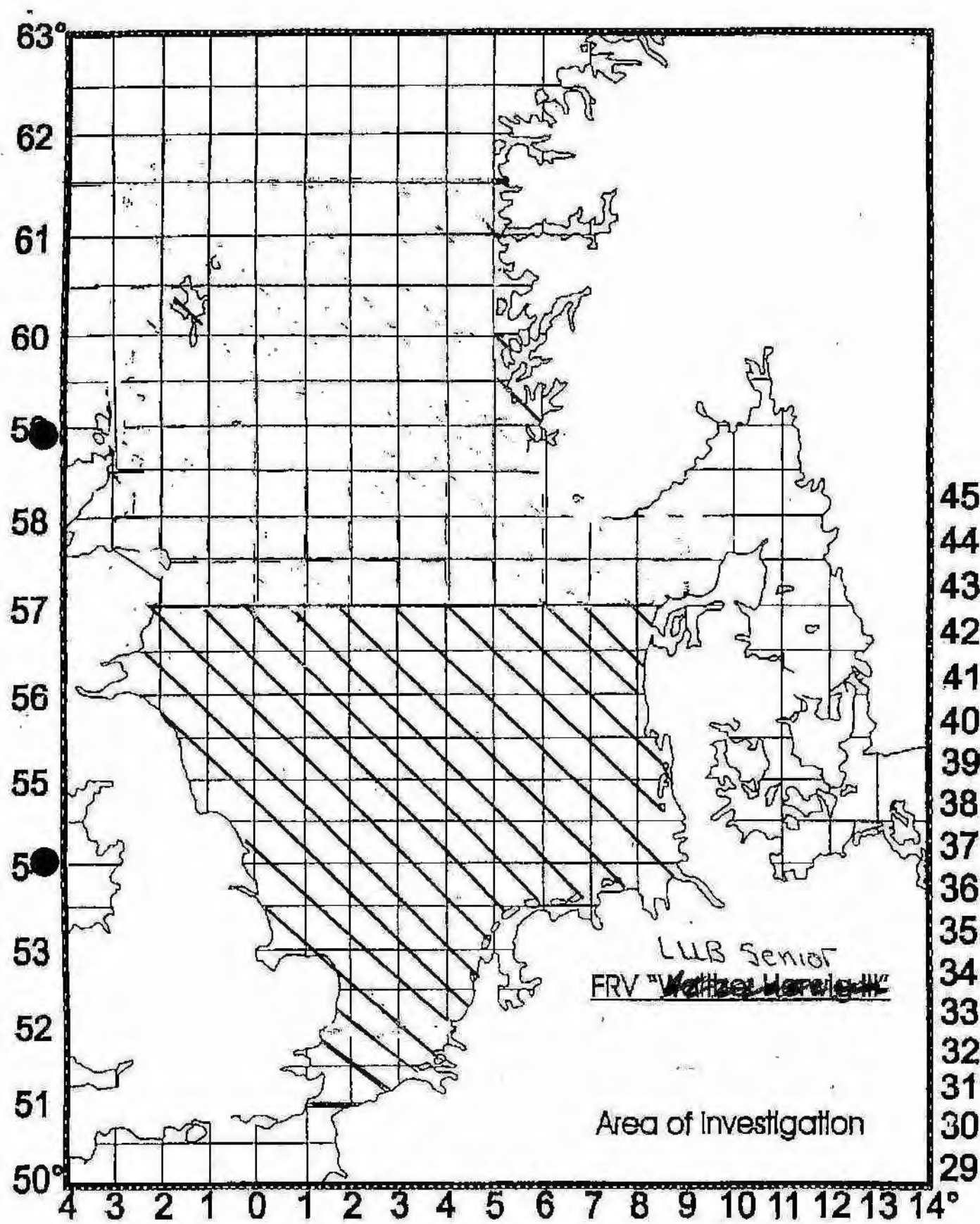
INDICATE "YES" OR "NO"

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			
		trawling on bottom		3-12 NO	12-50 YES	50-200 YES

H. van Duyvenvoorde
(On behalf to the Principal Scientist)

Dated **24 October 2006**

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.



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LUB Senior
FRV "Walter Herwig"

Area of Investigation