

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: **M-0103 SMOLENSK** CRUISE NO. 01/06
  
2. DATES OF CRUISE From: **01 March 2006** to: **05 May 2006**  
**including the UK Exclusive Economic Zone**  
**from 05 March to 05 May 2006**
  
3. OPERATING AUTHORITY: **Polar Research Institute of Marine Fisheries**  
**and Oceanography (PINRO)**  
**6 Knipovich Street, Murmansk, Russia**  
  
TELEPHONE: + 007 (8152) 47 25 32  
TELEFAX: + 007 (8152) 47 33 31  
E-MAIL: inter@pinro.ru
  
4. OWNER: **FGUP PINRO, Murmansk**  
(if different from no.3)
  
5. PARTICULARS OF SHIP: Name: **M-0103 SMOLENSK**  
  
Nationality: **Russia**  
Overall length: **59.0 metres**  
Maximum draught: **5.7 metres**  
Net tonnage: **422 reg. t**  
Propulsion: **Diesel, 2200 h.p.**  
Call sign: **UFJJ**  
Registration port and number  
(if registered fishing vessel):
  
6. CREW: Name of master: **PUZYREV Alexander**  
Number of crew: **42**
  
7. SCIENTIFIC PERSONNEL: Name and address of **OGANIN Ivan**  
scientist in charge: **PINRO, 6 Knipovich**  
**Street, Murmansk**  
Tel./fax l: + 007 (8152) 47 25 32/47 33 31  
No. of scientists: **12**
  
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)  
  
**The UK Exclusive Economic Zone (56°10'N - 63°00' N, 02°00' E - 15° 00' W)**
  
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

**Trawl and acoustic survey for blue whiting and mackerel stocks. Trawl survey of the Rockall haddock stock. Complex oceanographic survey of the Norwegian Sea aimed at development of long-term collaboration within the framework of ICES.**

10. DATES AND NAMES OF INTENDED PORTS OF CALL:

**No calls are planned.**

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

**No special requirements.**

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PART B: DETAIL:

1. NAME OF RESEARCH SHIP: CRUISE NO: 01/06  
**M-0103 SMOLENSK**
2. DATES OF CRUISE: From: **01 March 2006** To: **05 May 2006**  
**including the UK Exclusive Economic Zone**  
**from 05 March to 05 May 2006.**

3. a) PURPOSE OF RESEARCH:

**Trawl and acoustic survey for blue whiting and mackerel stocks. Trawl survey of the Rockall haddock stock. Complex oceanographic survey of the Norwegian Sea aimed at development of long-term collaboration within the framework of ICES.**

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)

**Fish distribution will be investigated with hydroacoustic devices. Check trawlings will be made by midwater and bottom trawls with a minimum mesh size of 16 mm in the codend. Oceanographic observations including water temperature and salinity measurements and hydrochemical investigations will be carried out at stations of standard hydrographic sections and at trawl stations. Plankton samples will be taken by a Juday net.**

4. ATTACH CHART SHOWING (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished)

**Chart is attached**

5. a) TYPES OF SAMPLES REQUIRED (e.g. geological/water/plankton/fish/radionuclide)

**Biological analysis of catches taken by midwater and bottom trawls; and qualitative and quantitative analysis of plankton samples.**

b) METHODS OF OBTAINING SAMPLES (e.g. dredging/coring/drilling/fishing, etc. When using fishing gear, indicate fish stocks being worked, quantity of each species required and quantity of fish to be retained on board)

**Observations will be taken when the vessel is sailing or drifting. No ground samples will be taken. Fishing will be carried out with midwater and bottom trawls for herring stocks and other pelagic and demersal fish species. During investigations it is supposed to catch 100 tonnes of blue whiting. The by-catch of other fish species may come to 50% of blue whiting catch.**

6. DETAILS OF MOORED EQUIPMENT

**No moored equipment will be used.**

Dates

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Latitude</u>	<u>Longitude</u>
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7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc) (Use separate sheet if necessary)

**No hazardous materials will be used.**

- a) Type and trade name:
- b) Chemical content (and formula)
- c) IMO IMDG code (reference and UN no.)
- d) Quantity and method of storage 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 kg

8. DETAIL AND REFERENCE OF

- a) Any relevant previous/future cruises:

**Similar expeditions have been conducted annually since 1954 and are scheduled to carry out every year in future.**

- b) Any previously published research dates relative to the proposed cruise:

**ICES Annales Biologiques, publications in the ICES issues.**

9. NAMES AND ADRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE

**Dr. R. Bailey, Marine Laboratory , Aberdeen, Scotland**

10. STATE

- a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable

**No calls at ports of the United Kingdom are planned**

- b) Participation of an observer from the coastal state for any part of the cruise together with the dates and the ports of embarkation and disembarkation

**It will be acceptable but not planned**

- c) When research data from the intended cruise is likely to be made available to the coastal state and by what means

**The cruise report can be made available to the United Kingdom three months after the expedition termination via the RF Federal Agency of Fisheries.**

PART C: SCIENTIFIC EQUIPMENT

Complete the following table  
using a separate page for  
each coastal state  
Indicate "YES or NO"

Coastal state: **UK**

Port call: **No**

Dates: **No**

<u>List scientific work by function</u> e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	DISTANCE FROM COAST					
	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 nm	Between 12-200 nm	(Continental shelf work only)  Beyond 200 nm, but within the continental margin
Seabed sampling	No	No	No	No	No	No
Trawling	No	Yes	No	No	Yes	Yes
Echo sounding	Yes	Yes	No	No	Yes	Yes
Moored equipment	No	No	No	No	No	No
Oceanography	Yes	Yes	No	No	Yes	Yes
Hydrobiology	Yes	Yes	No	No	Yes	Yes

**On behalf of the leading scientist**



**Dr. V. N. Shibanov**  
**Research Director of PINRO**

**NB IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES, AREA OR OPERATION AFTER THIS FORM HAS BEEN SUBMITTED, THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY**



Preliminary track of Russian RV Smolensk during survey in spring 01.03-05.05.2006.