

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: **M-0103 "Smolensk"** CRUISE NO. 02 / 06
 2. DATES OF CRUISE **From: 15 May 2006 To: 30 July 2006**
including the UK Exclusive Economic Zone
from 1 June to 15 July 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**
TELEX: **126111 PINRO RU**
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: **422.0 reg. t**
Propulsion: **Diesel, 1 x 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 **KRYSOV Alexander**
scientist in charge: **PINRO, 6 Knipovich**
Street, Murmansk

Tel//fax no: **+007 8152 472532/473331**
No. of scientists: **12**

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with
reference to latitude and longitude)

The UK Exclusive Economic Zone (60°00'N- 64°00'N, 02°00'E - 04°00'W)

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

Trawl and acoustic survey for herring stocks. Integrated hydrographic survey in the Norwegian Sea. Investigations will be conducted to develop the long-term cooperation within the framework of ICES.

10. DATES AND NAMES OF INTENDED PORTS OF CALL:

Calls are not planned

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

No special requirements.

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PART B: DETAIL:

1. NAME OF RESEARCH SHIP: **M-0103 "Smolensk"** CRUISE NO: **02/06**

2. DATES OF CRUISE: **From: 15 May 2006 To: 30 July 2006
including the UK Exclusive Economic Zone
from 1 June to 15 July 2006**

3. a) PURPOSE OF RESEARCH:

Trawl and acoustic survey for herring stocks. Integrated hydrographic survey in the Norwegian Sea. Investigation will be conducted to develop the long-term cooperation within the framework of ICES.

 b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)
Hydroacoustic instruments are used in study of fish distribution, check tows are performed by midwater trawl with 16 mm mesh size in the codend, hydrographic observations – measurements of water temperature and salinity, hydrochemical works - are made at the stations of standard hydrological sections and trawl stations. Plankton sampling is made by the 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

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

Biological analysis of catches taken by pelagic trawl. Plankton samples to make quantitative and qualitative analysis.

 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)

Samples will be taken when the vessel is sailing and drifting. No ground samples will be taken. Fishing is executed by pelagic trawl using the stocks of Atlantic herring and other pelagic and bottom fish species. In the course of investigations 50 tonnes of herring are planned to catch. The other fish species are taken as by-catch being to 50% of herring catch.

6. DETAILS OF MOORED EQUIPMENT

No moored equipment will be used.

Dates

Laying

Recovery

Description

Latitude

Longitude

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:
- d) 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 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

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

Call is not 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

Cruise report will be made available to the UK after three months of the cruise termination through the Federal Agency for Fisheries of the Russian Federation.

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:

Dates:

				DISTANCE FROM COAST		
<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.	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 instruments	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.

