

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: **M-0103 "Smolensk"** CRUISE NO. 01 / 2007

2. DATES OF CRUISE **From: 01 June 2007 To: 31 July 2007**
including the Economic Zone of Iceland
from 1 June to 31 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
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, 2200 h.p.**
Call sign: **UFJJ**
Registration port and number
(if registered fishing vessel): **Murmansk**

6. CREW: Name of master: **PUZYREV Alexander**
Number of crew: **42**

7. SCIENTIFIC PERSONNEL Name and address of **PEDCHENKO Andrey**
scientist in charge: **PINRO, 6 Knipovich**
Street, Murmansk

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

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with
reference to latitude and longitude)
The Economic Zone of Iceland (60°00'N - 67°00'N, 10°00'W - 32°00'W)

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

International trawl-acoustic survey and stock estimation of deep-water redfish, oceanographic survey. The research is carried out within the framework of the long-term cooperation between the scientists from Russia and Iceland.

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:** CRUISE NO: 01/2007
M-0103 "Smolensk"
2. **DATES OF CRUISE:** From: **01 June 2007** To: **31 July 2007**
including the Economic Zone of Iceland
from 1 June to 31 July 2007
3. **PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODS:**
 - a) **PURPOSE OF RESEARCH:**
Trawl and acoustic survey and estimation of deep-water redfish stock as well as oceanographic survey.
 - b) **GENERAL OPERATIONAL METHODS** (including full description of any fish gear, trawl type, mesh size, etc.)
Hydroacoustic instruments are used to study fish distribution. Check tows are performed by midwater trawl with 16 mm mesh size in the codend. Oceanographic observations including measurements of water temperature and salinity and hydrochemical works will be made at the stations of standard hydrological sections and the trawl stations. Plankton samples are taken 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
5. a) **TYPES OF SAMPLES REQUIRED** (e.g. geological/water/plankton/fish/radionuclide)
Oceanographic samples to determine salinity and hydrochemical elements with measurements of temperature. Complete biological analysis of fish catches. Brief quantity feeding analysis. Plankton samples (quality and quantity 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)
No ground samples will be taken during the observations. During the research it is planned to assess deep-water redfish and other fish stocks.
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:
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:

The papers using this cruise results were published in Russian and foreign sources.

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

Dr. Svend-Aage Malmberg, Dr. Hjalmar Vilhjálmsson, Marine Research Institute, Reykjavik

10. STATE

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

It is possible but 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 after three months of the cruise termination through the Russian Federal Agency for Fisheries.

Map of cruise track for r/v M-0103 "Smolensk" in the Icelandic EEZ zone from 18 June to 28 July 2007

Map of cruise track for r/v M-0103 "Smolensk" in the Icelandic EEZ zone from 18 June to 28 July 2007

PART C: SCIENTIFIC EQUIPMENT

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

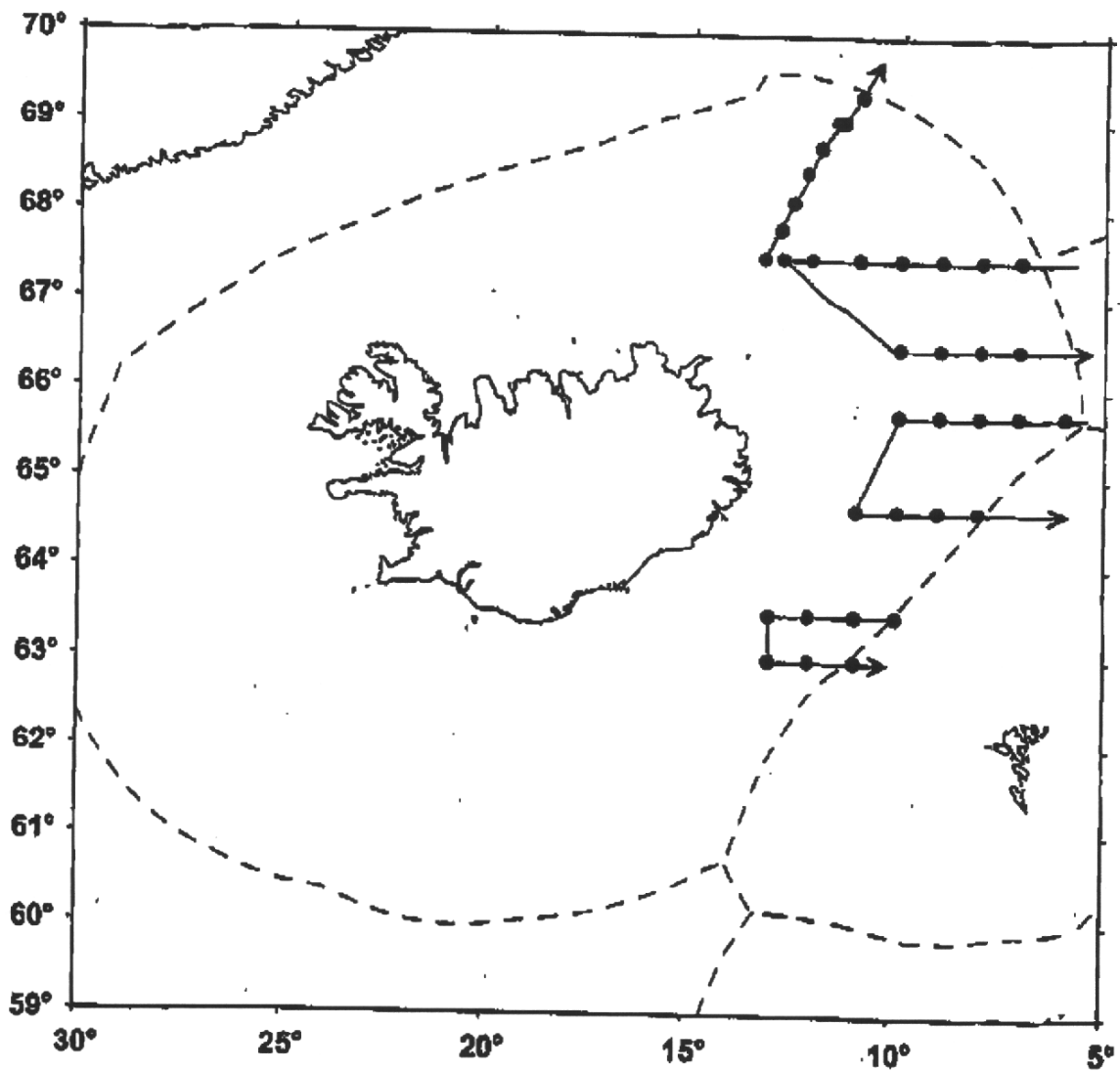
Coastal state: Iceland
Port call: No port calls

Dates:

List scientific work by function 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	No	Yes	No	No	Yes	Yes
Moored instruments	No	No	No	No	No	No
Oceanography	No	No	No	No	Yes	Yes
Hydrobiology	Yes	Yes	No	No	Yes	Yes

Dr. Yu. M. Lepesevich
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



Map of cruise track for r/v M-0103 "Smolensk" in the Icelandic EEZ zone from 18 June to 28 July 2007

Схема маршрута М-0103 "Смоленск" в Исландской экономической зоне в период 18.06-28.07.2007

- ← -Entering the zone
- -Leaving the zone
- Hydrographic station
- Passage

- ← - вход в зону
- - выход из зоны
- - океанограф. станция
- - переход