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: **10 May 2007** To: **31 July 2007 including the UK Economic Zone from 01 June to 30 July 2007**

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 scientist in charge: **Krysov Alexander PINRO, 6 Knipovich Street, Murmansk**

Tel/ fax no: **+7 (8152) 472532/(8152) 473331**
No. of scientists: **12**

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

**The UK Economic Zone (60°00' N- 63°00'N, 04°00'W- 02°00'E)**

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

**International trawl and acoustic survey and assessment of pelagic fish stocks, integrated oceanographic survey. The research is carried out within the framework of the long-term cooperation under the auspice 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.**

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: DETAIL:

1. NAME OF RESEARCH SHIP: CRUISE NO: **01/2007**

**M-0103 "Smolensk"**

2. DATES OF CRUISE: From: **10 May 2007** To: **31 July 2007**
**including the UK Economic Zone from**
**01 June to 30 July 2007**

3. PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODS:

a) PURPOSE OF RESEARCH:-

**Trawl and acoustic survey and assessment of pelagic fish stocks (blue whiting and by-catch species), integrated 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 will be made at standard hydrographic sections and 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 for salinity, 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 cruise it is planned to work blue whiting stocks and bycatch of other fish species. It is expected to catch about 2-3 tonnes of various fish species in order to make biological analysis. All the catch may be retained on board.**

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 for recent 10-15 years and are scheduled to carry out 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 (ICES) sources and it is planned to do the same in future.**

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. Paul Fernandes, Dr. David Reid**

10. STATE

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

**It is acceptable, 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 is 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 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"

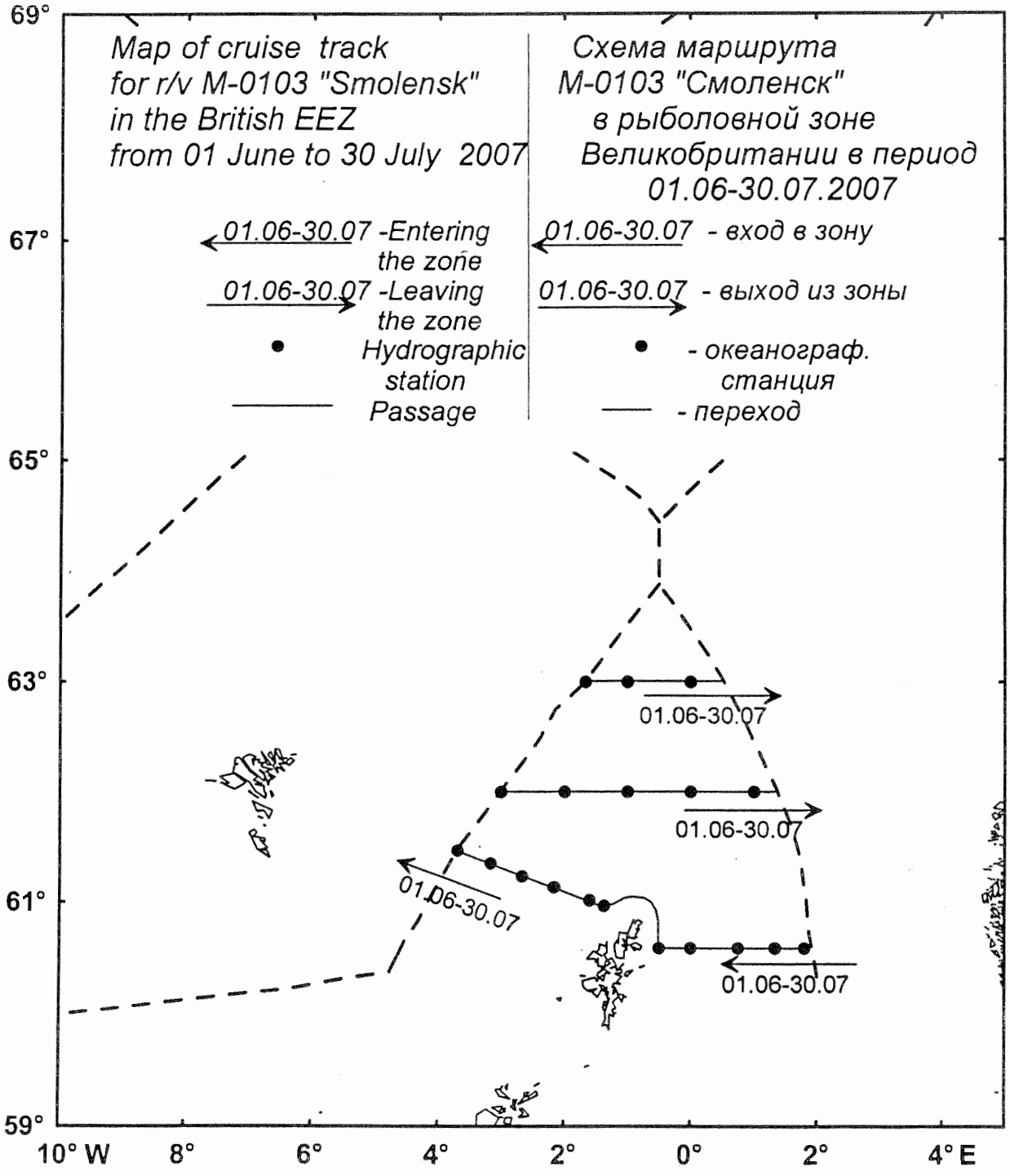
Coastal state: **United Kingdom**

Port call: **No port calls**
Dates:

| | | | | DISTANCE FROM COAST | | |
|---|---|---|---|---|---|---|
| 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. | 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 | No | No | No | Yes | Yes |
| Moored instruments | No | No | No | No | No | No |
| Oceanography | No | No | No | No | Yes | Yes |
| Hydrobiology | No | No | 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 British EEZ
from 01 June to 30 July 2007
Схема маршрута
М-0103 "Смоленск"
в рыболовной зоне
Великобритании в период
01.06-30.07.2007
01.06-30.07 -Entering the zone
01.06-30.07 -Leaving the zone
Hydrographic station
Passage
01.06-30.07 - вход в зону
01.06-30.07 - выход из зоны
- океанограф. станция
- переход
69°
67°
65°
63°
61°
59°
10° W
8°
6°
4°
2°
0°
2°
4° E
01.06-30.07
01.06-30.07
01.06-30.07
01.06-30.07