

Map of cruise track for r/v M-0102 «Vilnius» in the Iceland EEZ and Greenland EEZ from 01 June to 25 July 2009

Схема маршрута НИС М-0102«Вильнюс» в экономических зонах Исландии и Гренландии в период 01.06-25.07.2009г

← - Entering the zone
 → - Leaving the zone

← - ВХОД В ЗОНУ
 → - ВЫХОД ИЗ ЗОНЫ

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

International trawl and acoustic survey to assess pelagic redfish stock in the Irminger Sea. Oceanographic observations. The research is carried out within the framework of long-term cooperation between scientists from Russia and Iceland and according to Report of the Ninth Session of the Joint Russian-Icelandic Fisheries Commission (Appendix 5).

10. DATES AND NAMES OF INTENDED PORTS OF CALL:

A call at the port of Reykjavik is possible

11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:

No special requirements.

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: **M-0102 "Vilnius"** CRUISE NO. 01 / 2009
2. DATES OF CRUISE From: **25 May 2009** To: **31 December 2009**
including the Economic Zone of Iceland
from **01 June to 25 July 2009**
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-0102 "Vilnius"**
Nationality: **Russia**
Overall length: **59,0 metres**
Maximum draught: **5.7 metres**
Net tonnage: **422 reg. tonnes**
Propulsion: **Diesel, 2200 h.p.**
Call sign: **UFJN**
Registration port and number
(if registered fishing vessel): **Murmansk**
6. CREW: Name of master: **BRYKALIN V.V.**
Number of crew: **42**
7. SCIENTIFIC PERSONNEL Name and address of
scientist in charge: **BAKAY Yuri**
PINRO, 6 Knipovich
Street, Murmansk
Tel/fax no: **+007 (8152) 472532/(8152) 473331**
No. of scientists: **19**
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with
reference to latitude and longitude)
The Economic Zone of Iceland (60°00'N - 64°30'N, 10°00'W - 31°30'W)

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: DETAIL:

1. NAME OF RESEARCH SHIP: CRUISE NO: 01/2009
M-0102 "Vilnius"

2. DATES OF CRUISE: From: 25 May 2009 To: 31 December 2009
including the Economic Zone of Iceland
from 01 June to 25 July 2009

3. PURPOSE OF RESEARCH AND GENERAL OPERATIONAL METHODS:
 - a) PURPOSE OF RESEARCH:
International trawl and acoustic survey to assess the pelagic redfish *S. mentella* stock in the Irminger Sea. Oceanographic survey.

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

Hydroacoustic instruments are used to study horizontal and vertical distribution of fish. Check tows are performed by midwater trawl with minimum mesh size of 16 mm in the codend. Oceanographic observations including measurements of water temperature and salinity will be made at the stations of standard hydrological sections and trawl stations. Plankton sampling.

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 water samples to determine salinity and hydrochemical elements with measurement of temperature. Complete biological analysis of fish catches. Brief quantity and weight analysis of feeding. Mass fish measurements. Fish sampling to determine age, sexual maturity and parasite fauna.

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. In the course of research and sampling it is expected to work stocks of redfish *S. mentella* and pelagic species and take about 10 tonnes of fish of different species. All catch or a part may be retained on board.

DETAILS OF MOORED EQUIPMENT

No moored equipment will be used.

<u>Dates</u>			<u>Latitude</u>	<u>Longitude</u>
<u>Laying</u>	<u>Recovery</u>	<u>Description</u>		

6. 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

7. DETAIL AND REFERENCE OF

- a) Any relevant previous/future cruises:

Similar expeditions have been conducted since 1994 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 sources (e.g. ICES proceedings and others).

8. 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. Th. Sigurdsson, E. Hjörleifsson, Marine Research Institute, Reykjavik

9. 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 is possible 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 can be made available to Iceland after three months of the cruise termination through the Russian Federal Agency for Fisheries.

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:

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.	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	DISTANCE FROM COAST		
				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
Water sampling	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