

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: CRUISE NO.:
M-0662 “Fridtjof Nansen” **01/2014**
2. DATES OF CRUISE
IN UK’s FISERY ZONE: **From: 20 March 2014 To: 20 April 2014**
The period of operation within the UK’s Fishery Zone will not exceed 15 days.
3. OPERATING AUTHORITY: **Polar Research Institute of Marine Fisheries and Oceanography (PINRO)**
6 Knipovich Street, Murmansk, Russia
- TELEPHONE: **+ 7 8152 47-25-32**
TELEFAX: **+ 7 8152 47-33-31**
EMAIL: **inter@pinro.ru**
4. OWNER (if different from no.3): **FGUP “PINRO”**
Murmansk
5. PARTICULARS OF SHIP:
Name: **M-0662 “Fridtjof Nansen”**
Nationality: **Russia**
Overall length: **56.1 metres**
Maximum draught: **5.13 metres**
Gross/net register tonnage: **2062/618 t**
Propulsion: **2x888 kW**
Call sign: **UANA**
6. CREW:
Name of master: **Izvarin Alexey**
Number of crew: **42**
7. SCIENTIFIC PERSONNEL: **RYBAKOV Maxim, PRONYUK Alexander**
Name and address of scientist in charge:
No. of scientists: **15-18**
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude) **UK’s Fishery Zone**
56°00-60°00N, 06°00-14°00W
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: **The International Trawl-Acoustic Survey for blue whiting stock, oceanography. The investigations are carried out within the framework of long-term cooperation between scientists of the two countries under the auspices 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:

M-0662 "FRIDTJOF NANSEN"

CRUISE NO:

01/2014

2. DATES OF CRUISE

From: 20 March 2014 To: 20 April 2014

IN UK's FISHERY ZONE:

The period of operation within the UK's Fishery Zone will not exceed 15 days.

3. a) PURPOSE OF RESEARCH:

Estimation of blue whiting stocks. Study of the fish biology, distribution and behavior in the current hydrographic conditions.

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

Hydroacoustic instruments are used in studies of biomass and distribution of fish in the water column and on the ground, collection of biological data and identification of species composition of aggregations of marine organisms under study are performed through check tows by mid-water and bottom trawls with the codend mesh size of not less than 16 mm; oceanographic observations including measurements of water temperature and salinity and hydrochemical observations are made at the stations of standard hydrologic sections.

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)

Mass measurements and samples to determine age, maturity, fecundity and sex ratio; full biological analysis of fish, express quality-weight analysis of diet, samples of fish gonads to determine fecundity, samples of muscles for parasitological analysis, measurement of water temperature, salinity and other parameters of its chemical composition at standard depths.

- b) METHODS OF OBTAINING SAMPLES (e.g. dredging/ 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)

The observations are made during the vessel run and drift without ground sampling. During investigations it is expected that catch may amount to 5 tonnes of blue whiting. Fishing will be conducted in compliance with the fishery regulations existing in the UK's Fishery Zone.

6. DETAILS OF MOORED EQUIPMENT

No moored equipment will be used.

7. ANY HAZARDOUS MATERIALS

No hazardous materials will be used.

8. DETAIL AND REFERENCE OF

- a) Any relevant previous/future cruises:

Similar surveys have been conducted since 1962 and they are planned for the future.

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

Articles based on the research results in Russian and international literature, as well as in the annual joint publication sources and the ICES reports.

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:

K. Patterson (Aberdeen) and others.

10. STATE

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

Visits are acceptable.

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:

Participation of an observer is acceptable, but it is not planned.

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

Report on results of investigations can be made available to the Great Britain within six months after the cruise is completed 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

Coastal state: **Great Britain**

Port call:

Indicate "YES or NO"

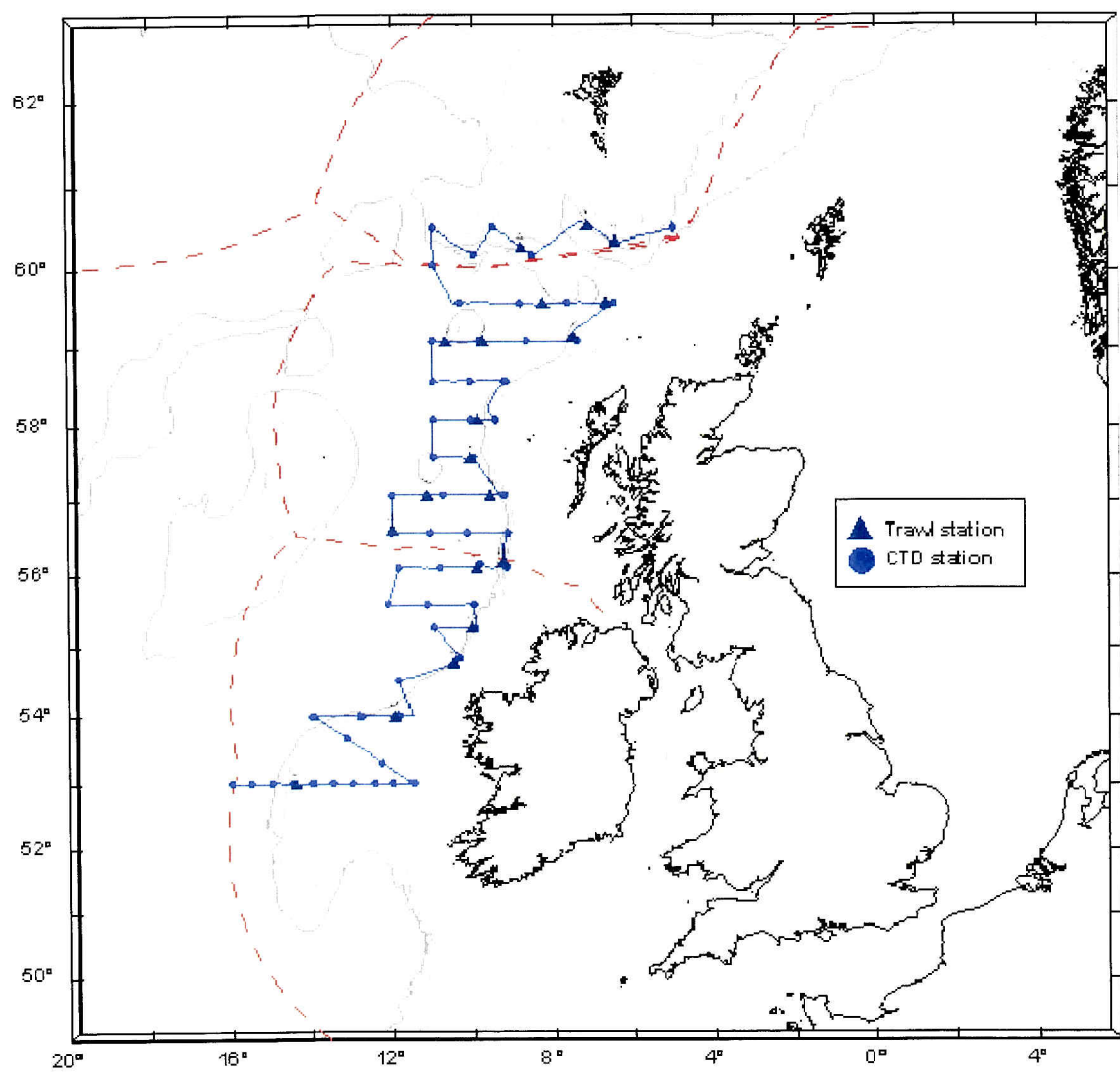
Dates:

				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	Yes	No	No	Yes	Yes
Water sampling	No	Yes	No	No	Yes	Yes
Moored instruments	No	No	No	No	No	No
Oceanography	No	Yes	No	No	Yes	Yes
Hydrobiology	No	Yes	No	No	Yes	Yes

Evgeny Shamray

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



**Areas of investigations by R/V M-0662 “Fridtjof Nansen”
from 20 March to 20 April 2014**