NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: **M-0662 FRIDTJOF NANSEN** CRUISE NO. **02/08**

2. DATES OF CRUISE From: **05 March 2008** to: **30 April 2008 including the UK Economic Zone from 15 March to 15 April 2008**

3. OPERATING AUTHORITY: **Polar Research Institute of Marine Fisheries and Oceanography (PINRO) 6 Knipovich Street, Murmansk, 183038 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-0662 FRIDTJOF NANSEN**

Nationality: **Russia**
Overall length: **56.1 metres**
Maximum draught: **5.13 meters**
Net tonnage: **618 reg. t**
Propulsion: **Diesel, 2 x 1200 h.p.**
Call sign: **UANA**
Registration port and number (if registered fishing vessel):

6 CREW: Name of master: **KIJTAM Vladimir**
Number of crew: **42**

7. SCIENTIFIC PERSONNEL Name and address of scientist in charge: **OGANIN Ivan**
PINRO, 6 Knipovich Street, Murmansk
Tel./Fax: **+ 007 (8152) 47 25 32/ +007 (8152) 47 33 31**
No. of scientists: **15**

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

The UK Economic Zone (55°00' N - 63°00' N, 15°00' W - 02° 00' E)

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:

Trawl and acoustic survey for blue whiting stocks. Complex oceanographic survey west of the British Isles aimed at development of long-term collaboration within the framework of the ICES.

10. DATES AND NAMES OF INTENDED PORTS OF CALL:

No calls are 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: 02/08

M-0662 FRIDTJOF NANSEN

2. DATES OF CRUISE: From: **05 March 2008** To: **30 April 2008 including the UK Economic Zone from 15 March to 15 April 2008.**

3. a) PURPOSE OF RESEARCH:

Trawl and acoustic survey for blue whiting stocks. Complex oceanographic survey west of the British Isles.

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

Fish distribution will be investigated with acoustic devices. Check trawlings will be made by a midwater trawl with a minimum mesh size of 16 mm in the codend. Oceanographic observations including water temperature and salinity measurements and hydrochemical investigations will be carried out at stations of standard hydrographic sections and at trawl stations.

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)

Complete biological analysis of catches taken by a midwater trawl, brief quantitative analysis of blue whiting feeding. Fish gonads will be examined for fecundity and histology, fish muscles for parasites. Water samples are taken for hydrochemical composition 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)

Observations will be taken when the vessel is sailing or drifting. No ground samples will be taken. Fishing will be carried out with a midwater trawl for blue whiting and other pelagic fish species. During investigations it is intended to catch about 5-10 tons of blue whiting including by-catches of other fish species.

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:
e) 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:

Relevant expeditions have been conducted annually since 1981 and are scheduled to carry out every year in future.

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

Data from cruises were published in annual proceedings of ICES and presented at annual meetings of the ICES Working Group on Northern Pelagic and Blue Whiting Fisheries.

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 Kenneth Patterson, Marine Laboratory, Aberdeen, Scotland, UK.

10. STATE

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

No calls at any UK ports are 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 within 3 months of the cruise termination through the State Committee of 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"

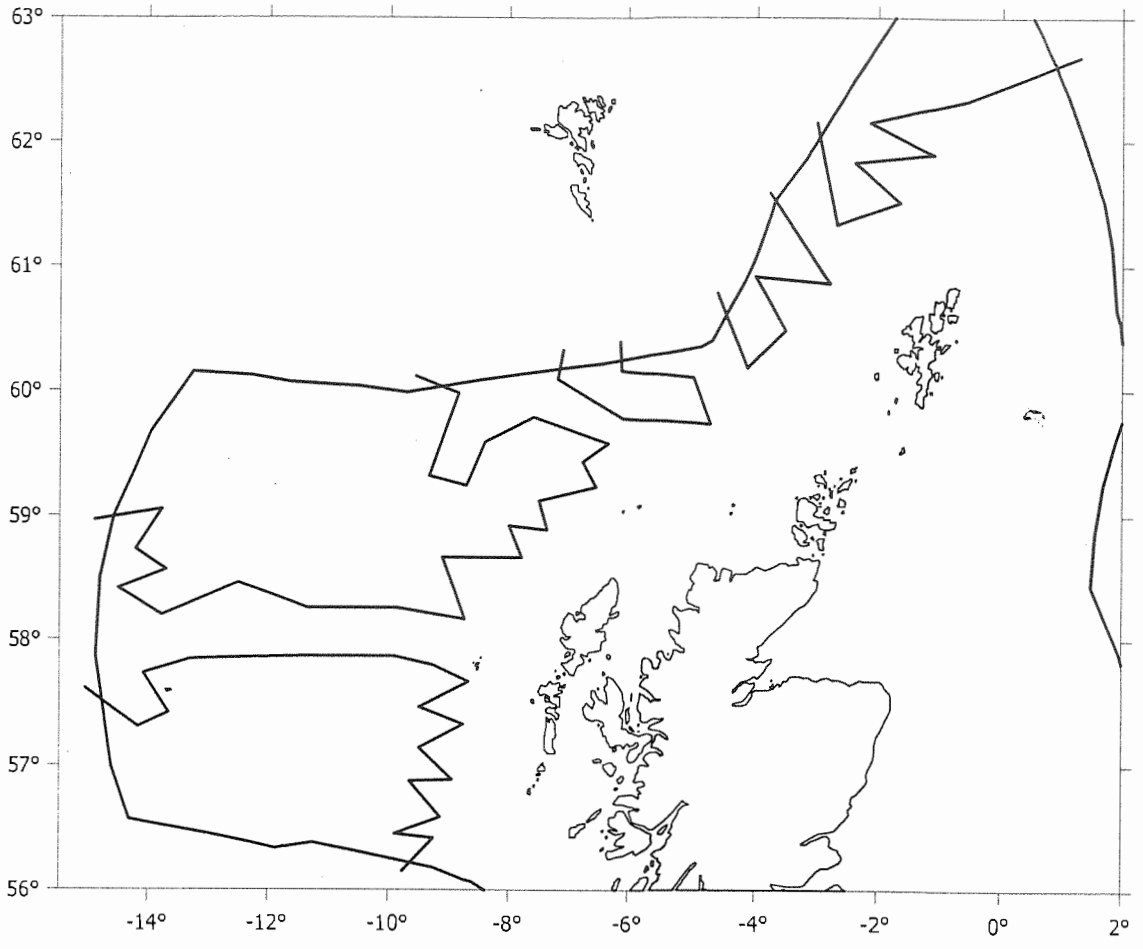
Coastal state: **United Kingdom**

Port call: **No**
Dates: **No**

				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	Yes	Yes	No	No	Yes	Yes
Moored instruments	No	No	No	No	No	No
Oceanography	Yes	Yes	No	No	Yes	Yes
Hydrobiology	No	No	No	No	No	No

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



Preliminary track of Russian RV F. Nansen
during Blue Whiting survey in spring 15.03-15.04.2008.