

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. *NAME OF RESEARCH SHIP* M-0662 "Fridtjof Nansen" *CRUISE NO.* 02/05
2. *DATES OF CRUISE* From: 15th May 2005 To: 30th July 2005
including the Exclusive Economic Zone of Great Britain from 01 June to 15 July 2005
3. *OPERATING AUTHORITY* Polar Research Institute of Marine Fisheries and Oceanography (PINRO)
6 Knipovich Street, Murmansk, Russia
- Telephone: +7 (8152) 472532
Facsimile: +7 (8152) 473331
Telex: 126111 PINRO RU
4. *OWNER*
(if different from No. 3)
5. *PARTICULARS OF SHIP*
- | | |
|---------------------------------------|--------------------------|
| <i>NAME:</i> | M-0662 "Fridtjof Nansen" |
| <i>NATIONALITY:</i> | Russia |
| <i>OVERALL LENGTH:</i> | 56.1 metres |
| <i>MAXIMUM DRAUGHT:</i> | 5.13 metres |
| <i>GRT:</i> | 618 reg. t |
| <i>PROPULSION:</i> | 2 x 1200 h.p. |
| <i>CALL SIGN:</i> | UANA |
| <i>TELEPHONE:</i> | |
| <i>FAX:</i> | |
| <i>REGISTERED PORT & NUMBER:</i> | Murmansk |
| <i>(if registered fishing vessel)</i> | |
6. *CREW*
- | | |
|------------------------|-----------------|
| <i>NAME OF MASTER:</i> | KIJTAM Vladimir |
| <i>NO. OF CREW:</i> | 45 |
7. *SCIENTIFIC PERSONNEL*
- | | |
|---|--|
| <i>NAME AND ADDRESS OF SCIENTIST IN CHARGE:</i> | KRYSOV Alexander
PINRO, 6 Knipovich Street,
Murmansk |
| <i>TEL./TELEX/FAX NO:</i> | +7 (8152) 472532/126221
PINRO RU |
| <i>NUMBER OF SCIENTISTS:</i> | 19 |
8. *GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE*
(with reference to latitude and longitude)

Exclusive Economic Zone of Great Britain (60°00 N - 64°N, 02°00 E - 04°00W)

9. *BRIEF DESCRIPTION OF PURPOSE OF CRUISE*

Complex oceanographic survey of the Norwegian Sea to develop the long-term cooperation within ICES.

10. *DATES AND NAMES OF INTENDED PORTS OF CALL*

No port calls in Britain 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 M-0662 "Fridtjof Nansen" CRUISE NO. 02/05
2. DATES OF CRUISE From: 15th May 2005 To: 30th July 2005
including the Exclusive Economic Zone of Great Britain from 01 June to 15 July 2005

3. a) PURPOSE OF RESEARCH

Trawl and acoustic survey for herring stocks, complex oceanographic survey of the Norwegian Sea to develop the long-term cooperation within ICES.

b) GENERAL OPERATIONAL METHODS

(including full description of any fishing gear trawl type, mesh size, etc.)

Fish distribution will be investigated with acoustic devices. Check tows will be made by a mid-water trawl with a minimum mesh size of 16mm in the bag. Oceanographic observations including water temperature and salinity measurements as well as hydro chemical investigations will be carried out at stations of standard oceanographic sections and at trawl stations. Plankton sampling will be made with Juday plankton.

4. ATTACH CHART

(showing (on an appropriate scale) the geographical area of the 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)

Biological analysis of catches taken by pelagic trawl; plankton samples for qualitative and quantitative analysis of plankton samples.

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, quantify of fish to be retained on board)

Observations will be made when the vessel is sailing or drifting. No ground samples will be taken. During the research pelagic trawl will be used for herring and other pelagic and bottom fish stocks. Within the cruise period it is expected to take up 100 tonnes of herring, with the by-catch of other fish species up to 50% of the herring catch.

6. DETAILS OF MOORED EQUIPMENT

No moored equipment will be used

DATES:

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
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7. ANY HAZARDOUS MATERIALS

No hazardous materials will be used.

(Chemicals, Explosives, Gases, Radioactive etc)

(use separate sheet, if necessary)

- a) *TYPE AND TRADE NAME*
- b) *CHEMICAL CONTENT (& FORMULA)*
- c) *IMO IMDG CODE REFERENCE & UN. NO.*
- d) *QUANTITY & METHOD OF STOWAGE 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 Kgs*

8. *DETAIL & REFERENCE OF*

a) *ANY RELEVANT PREVIOUS/FUTURE CRUISES*

Similar surveys have been conducted annually since 1954 and are planned to carry out in the future every year as well.

b) *ANY PREVIOUSLY PUBLISHED DATA RELATING TO THE PROPOSED CRUISE*

Results from cruises are published in the ICES annual proceedings.

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*

R. Bailey, Marine Laboratory, Aberdeen, Scotland

10. *STATE*

a) *WHETHER VISITS TO THE SHIP IN PORT BY SCIENTISTS OF THE COASTAL STATE CONCERNED WILL BE ACCEPTABLE*

Not planned

b) *PARTICIPATION OF AN OBSERVER FROM THE COASTAL STATE FOR ANY PART OF THE CRUISE TOGETHER WITH THE DATES AND PORTS FOR EMBARKATION/DISEMBARKATION*

Participation of an observer 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 in three months after termination of the cruise through the Federal Agency on Fisheries of the Russian Federation.

PART C: SCIENTIFIC EQUIPMENT

COASTAL STATE: Great Britain

PORT CALL: No port calls

DATES: .

11. COMPLETE THE FOLLOWING TABLE - SEPARATE PAGE FOR EACH COASTAL STATE
(indicate "Yes" or "No")

LIST SCIENTIFIC WORK BY FUNCTION e.g. MAGNETOMETRY GRAVITY DIVING SEISMICS BATHYMETRY SEABED SAMPLING TRAWLING ECHO SOUNDING WATER SAMPLING U/W TV MOORED INSTRUMENTS TOWED INSTRUMENTS	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 CHARACTER- ISTICS	DISTANCE FROM COAST		
				WITHIN 4 NM	BETWEEN 4 AND 12 NM	BETWEEN 12 AND 200 NM
Sea bed 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	Yes	Yes

Dr V.N. Shibanov
(On behalf of the Principal Scientist)

Dated:

N.B. IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES/AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED, THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY.

