

Application for Consent to conduct
Marine Scientific Research in UK's exclusive economic zone

Date: _____

1. General Information:

1.1 Cruise name and/or number: 01/2016

1.2 Sponsoring Institution(s):	
Name:	Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO)
Address:	6 Knipovich Street, Murmansk, Russia
Name of Director:	Konstantin Drevetnyak

1.3 Scientist in charge of the Project:	
Name:	Alexander Pronyuk
Country:	Russia
Affiliation:	Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO)
Address:	6 Knipovich Street, Murmansk, Russia
Telephone:	(8152) 47-25-32
Fax:	(8152) 47-33-31
E-mail:	inter@pinro.ru
Website (for CV and photo):	

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	
Affiliation:	Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO)
Address:	6 Knipovich Street, Murmansk, Russia
Telephone:	(8152) 47-25-32
Fax:	(8152) 47-33-31
E-mail:	inter@pinro.ru
Website (for CV and photo):	

2. Description of Project

2.1 Nature and objectives of the project: International Trawl-Acoustic Survey (TAS) for blue whiting stock, oceanography. The research is carried out within the framework of the long-term cooperation between scientists along the line of the ICES working groups (Working Group of International Pelagic Surveys WGIPS and Working Group on Widely Distributed Stocks WGwide(PGNAPES)). Estimation of the blue whiting population abundance index in the spawning grounds.

2.2 If designated as part of a larger scale project, then provide the name of the project and the Organisation responsible for coordinating the project:
Preparation of scientific and prognostic materials on blue whiting stock management for coastal states.

2.3 Relevant previous or future research projects:
It is planned to continue the project implementation in accordance with plans of the ICES Working Group (WG IPS).

2.4 Previous publications relating to the project:
Report of the Working Group of International Pelagic Surveys (WGIPS), ICES WGIPS REPORT 2015, ICES CM 2015/SSGIEOM:05

3. Geographical Areas

3.1 Indicate geographical areas in which the project is to be conducted (with reference in Latitude and longitude in decimal degrees, including coordinates of cruise/track/way points/sampling stations). Please provide coordinates in a separate excel spreadsheet.
Table of track positions is attached. Samples are taken in the track turning points in accordance with acoustic equipment reading.

3.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical Areas of the intended work and, as far as practicable, the location and depth of sampling Stations, the tracks of survey lines, and the locations of installations and equipment.
Chart is attached

4. Methods and means to be used

4.1 Particulars of vessel:	
Name:	Fridtjof Nansen
Type/class:	Fishing
Nationality (Flag State):	Russia
Identification Number (IMO/Lloyds No.):	MK-0662 (8607048/831561)
Owner:	PINRO
Operator:	PINRO
Overall length (meters):	56,1
Maximal draught:	5,13
Displacement/Gross Tonnage	2062/618 t
Propulsion:	2x888 kWt
Cruising & maximum speed::	10,0/12,9 knots
Call sign:	UANA
INMARSAT number and method and capability of communication (including emergency frequencies):	427300913@inmc.elk.com. Msisdn_Voice: 881622456146.
Name of Master:	Alexey Izvarin
Number of Crew:	42
Number of Scientists on board:	15-18

4.2 Particulars of Aircraft: No	
Name:	
Make/Model:	
Nationality (flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall Length (meters):	
Propulsion:	
Cruising & Maximum speed:	
Registration No.:	
Call Sign:	
Method and capability of communication (including emergency frequencies):	
Name of Pilot:	

Number of crew:	
Number of scientists on board:	
Details of sensor packages:	
Other relevant information:	

4.3 Particulars of Autonomous Underwater Vehicle (AUV): No	
Name:	
Manufacturer and make/model:	
Nationality (Flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall length (meters):	
Displacement/Gross tonnage:	
Cruising & Maximum speed:	
Range/Endurance:	
Method and capability of communication (including emergency frequencies):	
Details of sensor packages:	
Other relevant information:	

4.4 Other craft in the project, including its use: No

4.5 Particulars of methods, full description of scientific instruments to be used (for fishing gear specify type and dimension) and location			
Types of samples and Measurements:	Methods to be used:	Instruments to be used:	To be carried out within 12nm (yes or no):
Collection of hydroacoustic data	Hydroacoustic research using Simrad – UK60 software	EK60 echosounder on 38kHz frequency	No
Samples of marine organisms, identification of species composition, percentage ratio in catch, measurement of length and weight in marine organisms, determining of maturity, feeding pattern, collection of material for age reading	Research hauls	Research 78,7/41,6 midwater trawl with 125-135 mm codend mesh size and insertion with 16 mm mesh size	No
Hydrographic data	Hydrographic stations	CTD-sonde of SBE 19 Plus type	No

4.6 Indicate nature and quantity of substances to be released into the marine environment: No

4.7 Indicate whether drilling will be carried out. If yes, please specify: No

4.8 Indicate whether explosives will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude: No

5. Installations and Equipment

Details of installations and equipment (including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements):

No

6. Dates

6.1 Expected dates of first entry into and final departure from the research area by the research vessel and/or other platforms:

Entry into the research area on 20 March 2016. Final departure from the research area on 12 April 2016.

6.2 Indicate if multiple entries are expected:

Short-time entries into the international waters in the period from 20 March to 12 April 2016 are possible.

7. Port Calls

7.1 Dates and Names of intended ports of call:

No

7.2 Any special logistical requirements at ports of call:

No

7.3 Name/Address/Telephone of shipping agent (if available):

No

8. Participation of the representative of the coastal State

8.1 Modalities of the participation of the representative of the coastal State in the research Project:

The meeting of survey participants after the cruise termination in April 2016

8.2 Proposed dates and ports for embarkation/disembarkation:

The port of Murmansk. Embarkation – 11.03.2016. Disembarkation – 30.04.2016.

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to coastal State of preliminary report, which should include The expected dates of submission of the data and research results:

June 2016

9.2 Anticipated dates of submission to the coastal State of the final report:

December 2016

9.3 Proposed means for access by coastal State to data (including format) and samples:

Internet access to the joint PGNAPES electronic database

9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:

Internet access to the joint PGNAPES electronic database

9.5 Proposed means to provide assistance in assessment or interpretation of data, samples And research results:

Correspondence by e-mail

9.6 Proposed means of making results internationally available:

Internet access to the joint PGNAPES electronic database

10. Other permits Submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or Pending):

Permits for the research in the Faroese Fishing Zone, the Ireland's Exclusive Economic Zone
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11. List of Supporting Documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:

Chart of TAS

Signature:
Research Director

E. Shamray

Contact information of the focal point:

Name: **Shamray Evgeny**

Country: **Russia**

Affiliation: **Russia**

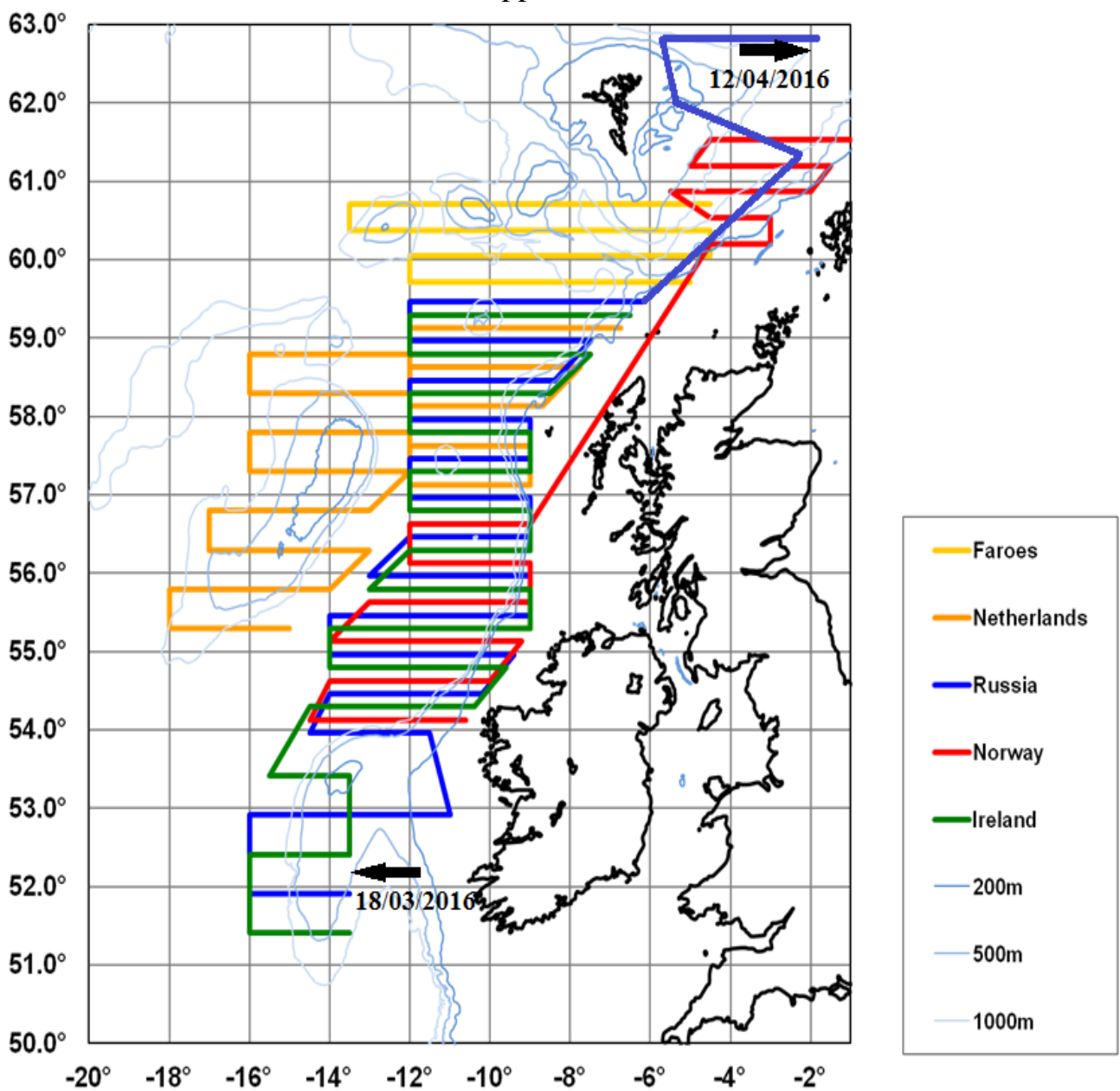
Address: **6 Knipovich Street, Murmansk, Russia**

Telephone: **(8152) 47-28-28**

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Email: **radio@pinro.ru**

Appendix A



Planned route of the International Trawl-Acoustic Survey (TAS) for blue whiting in spring 2016

Date	Point number	latitude	longitude
18.03-24.03.2016	1	51.9 N	13.5 W
	2	51.9 N	16 W
	3	52.9 N	16 W
	4	52.9 N	11 W
	5	53.9 N	11.5 W
	6	53.9 N	14.5 W
	7	54.4 N	14 W
	8	54.4 N	10.2 W
	9	54.9 N	9.4 W
	10	54.9 N	14 W
	11	55.4 N	14 W
	12	55.4 N	9 W
25.03-01.04.2016	13	55.9 N	9 W
	14	55.9 N	13 W
	15	56.4 N	12 W
	16	56.4 N	9 W
	17	56.9 N	9 W
	18	56.9 N	12 W
	19	57.4 N	12 W
	20	57.4 N	9 W
	21	57.9 N	9 W
	22	57.9 N	12 W
	23	58.4 N	12 W
	24	58.4 N	8.4W
	25	58.9 N	7.5W
	26	58.9 N	12 W
02.04-03.04.2016	27	59.4 N	12 W
	28	59.4 N	6.2 W
04.04.- 06.04.2016	30	59.4 N	6.2 W
		61.3 N	2.5 W
07.04-10.04.2016	31 32	61.3 N	2.5 W
		62.0 N	5.5 W
		62.9 N	5.8 W
11.04-12.04.2016	33	62.9 N	5.8 W
		62.9 N	1.0 E