

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH VESSEL: CRUISE NO.:  
STM-K 1704 «ATLANTIDA» 66
2. DATES OF CRUISE IN THE ECONOMIC ZONE OF ICELAND: From: 01 June, 2018 To: 31 July, 2018
3. OPERATING AUTHORITY: Atlantic Research Institute of Fisheries and Oceanography (AtlantNIRO)  
5, Dmitry Donskoy Street, Kaliningrad, Russia
- TELEPHONE: (4012) 215645  
TELEFAX: (4012) 219997  
E-MAIL: atlantniro@atlantniro.ru
4. OWNER (if different from no.3): FSBSI «AtlantNIRO»  
Kaliningrad
5. PARTICULARS OF SHIP:  
Name: STM-K 1704 «ATLANTIDA»  
Nationality: Russia  
Overall length: 62.2 m  
Maximum draught: 5.8 m  
Gross/net register tonnage: 2062/618 reg. t  
Propulsion: 2040 kW  
Call sign: UALU
6. CREW:  
Name of master: Yakubin Mikhail  
Number of crew: 42
7. SCIENTIFIC PERSONNEL:  
Name of scientist in charge: Safronov Andrey  
Number of scientists: up to 11
8. GEOGRAPHICAL AREA IN WHICH VESSEL WILL OPERATE (with reference to latitude and longitude) Economic Zone of Iceland  
52° 00' - 65° 00' N, 25° 00' - 52° 30' W
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE: The International Trawl-Acoustic Survey to estimate the Irminger Sea pelagic *Sebastes mentella* stocks, oceanography. The cruise is carried out within the framework of long-term cooperation and programmes of joint Russian-Icelandic research and in accordance with the protocols of the Joint Russian-Icelandic Fisheries Commission which are planned to be held in 2018 as well.
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: DETAILS

1. NAME OF RESEARCH VESSEL: **STM-K 1704 «ATLANTIDA»**      CRUISE NO: **66**
  
2. DATES OF CRUISE IN ECONOMIC ZONE OF ICELAND:      **From: 01 June, 2018 To: 31 July, 2018**
  
3. a) PURPOSE OF RESEARCH: **The International Trawl-Acoustic Survey to estimate the Irminger Sea pelagic redfish *Sebastes mentella* stocks, oceanography.**  
  
b) GENERAL OPERATIONAL METHODS (including full description of any fishing gear, trawl type, mesh size, etc.)  
  
**Hydroacoustic instruments are used for assessing the 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. ATTACHED CHART SHOWING (appropriately scaled) the geographical area of intended work, positions of intended stations, routs of research sections, 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 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 FOR OBSERVING AND SAMPLING (e.g. dredging/ drilling/fishing, etc. When using fishing gear, indicate fish stocks to be fished, 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 research process it is expected that catch may amount to 12.5 tons of redfish *Sebastes mentella*. The fishing will be conducted in compliance with the Fisheries Regulations in the Economic Zone of Iceland.**
  
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 regularly conducted and are planned to be carried out in the future.**  
  
b) Any previously published research dates relative to the proposed cruise:  
  
**Articles in the Russian and international sources, as well as in the annual joint publication sources**

and the reports of ICES and NEAFC.

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:

**Drs. Thorsteinn Sigurdsson, Kristjan Kristinsson.**

10. STATE

a) Whether visits to the vessel by the Icelandic scientists concerned will be acceptable:

**Visits are acceptable.**

b) Participation of an observer from the coastal state at any stage of the cruise with the notion of dates and 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 research can be made available by the Federal Agency for Fisheries of the Russian Federation within six months after the cruise is completed.**

**PART C: SCIENTIFIC EQUIPMENT**

Complete the following table using a separate page for each coastal state

Coastal state: Iceland

Port of call: -

Indicate "YES or NO"

Dates: -

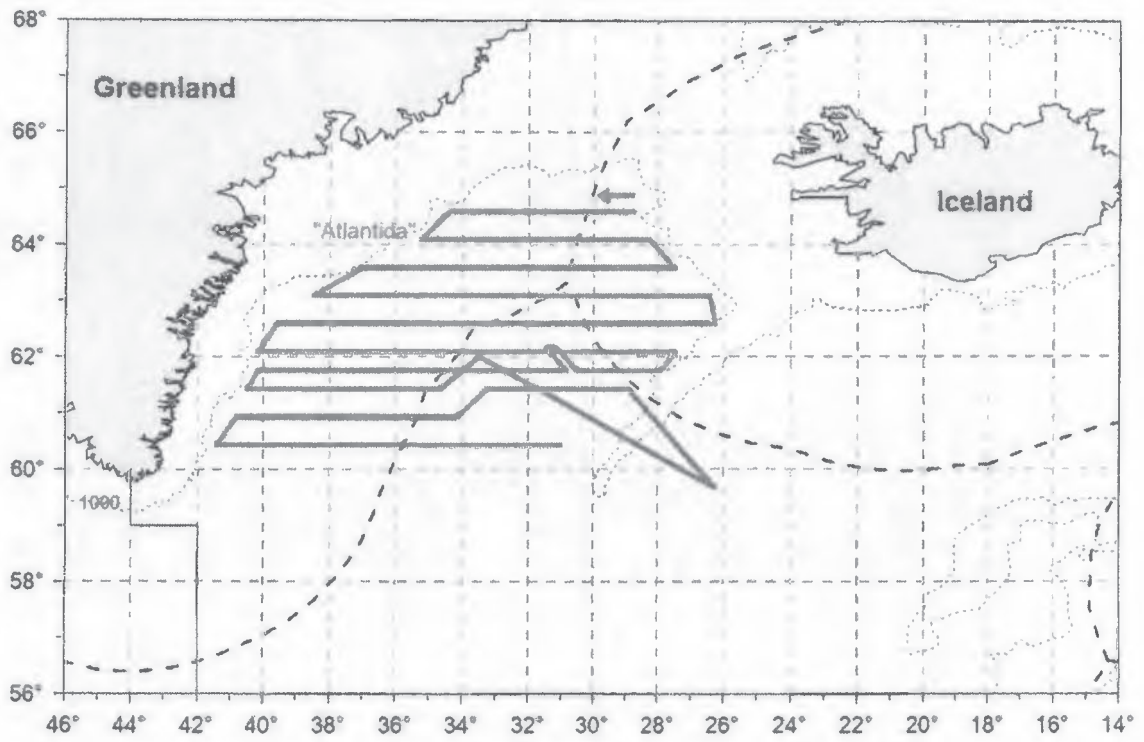
List scientific work by function e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural 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	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
Hydro-biology	No	Yes	No	No	Yes	Yes

Acting Director of AtlantNIRO



A. Vasiliev

**NB IF ANY DETAILS ARE SIGNIFICANTLY CHANGED REGARDING DATES, AREA OR OPERATION AFTER THIS FORM HAS BEEN SUBMITTED, THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY**



**Areas planned for research of R/V STM K-1704 «ATLANTIDA»  
from 01 June, 2018 to: 31 July, 2018**