Arctic Floating University - 2015
Exploring Russian Arctic

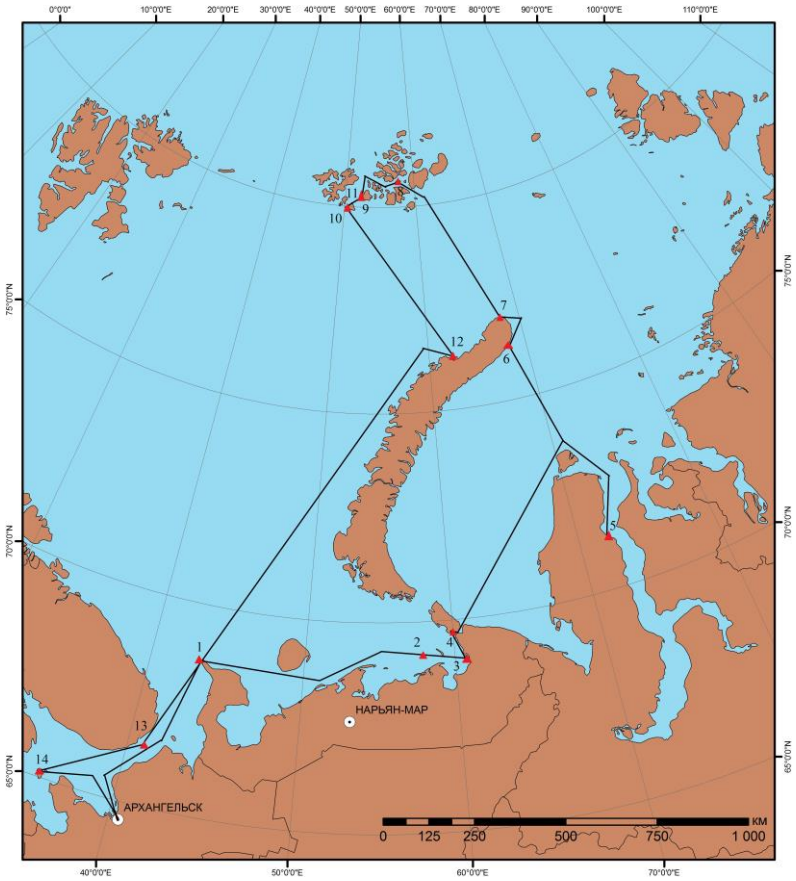
FIRST ANNOUNCEMENT

We are pleased to invite you to participate in the marine research and education expedition **«Exploring Russian Arctic»** within the framework of the project **«Arctic Floating University – 2015»**. The expedition is organized by Northern (Arctic) Federal University in cooperation with the Northern Branch of the Russian Federal Service for Hydrometeorology and Environmental Monitoring (ROSHYDROMET).

Expedition dates: 1 - 25 August 2015.

Expected Participants: 31 students, 20 lecturers, 5 members of the administrative personnel.

Expedition Goals:
- complex interdisciplinary research of the Arctic environment;
- young specialist training for the Arctic region.



Expedition Route: White Sea – Barents Sea – Kara Sea – Yamal Peninsula – Novaya Zemlya –Franz Josef Land – Arkhangelsk .

Landing Points: Kanin cape**,** Oil platform Prirazlomnaya, Bely Nos cape, Varnek settlement (Vaigach), Sabetta settlement, Novaya Zemlya: Ledyanaya gavan' bay, Cape Zhelaniya, Franz Josef Land: Heiss island, Champ Island, Hooker Island, Northbrook island, Russkaya gavan' bay (Novaya Zemlya), Sosnovets island, The Solovetskie Islands (the White Sea).

EXPEDITION PROGRAMME

Consists of the research and educational sections:

Research programme:

- assessment of the conditions and degree of contamination of the local island territories in the former industrial activity zones in the areas of work for the elimination of accumulated environmental damage;

- comprehensive monitoring of changes in the vegetation of the Arctic tundra transition zones due to climate changes;

- study of the living organisms and populations species diversity at Novaya Zemlya and Franz Josef Land archipelagoes and adjacent waters;

- study of the historic and cultural heritage of the Russian Arctic National Park for tourism development and educational activities.

Educational Programme:

The Programme focuses on the bachelor, master and PhD students.

Contents of the programme: 8 educational modules and 32 hours of the lecture course.

Educational modules:

- ✓ Arctic Climate
- ✓ Study of the Arctic biodiversity and bioresources of the Arctic seas and coastal territories;
- ✓ Cryogenic processes and modern changes of the ice cover in the Arctic ocean;
- ✓ The Arctic seas and coastal territories ecology;
- ✓ History of the Arctic region;
- ✓ The Arctic within the system of international relations;
- ✓ The Arctic legal framework;
- ✓ Problems of social and economic development of the Arctic territories;

Work on educational modules will be organized in the form of seminars or field works according to the module plan. The participants will receive 5 ECTS for participation in the course and passing the exam.

Facilities

All expeditions are organized on the research-vessel “Professor Molchanov”. Originally built in 1982 for the Russian Hydro-Meteorological Service the R/V “Professor Molchanov” has been refurbished to accommodate a maximum of 80 passengers and staff.

The vessel is a steel-hulled, ice-strengthened ship for the Arctic supply and oceanographic research, completely refurbished to meet both passenger and oceanographic needs. The R/V complies with international environmental and safety standards.

The R/V “Professor Molchanov” has all the necessary facilities for the organization of educational process, laboratory and practical research . Public areas feature a large dining room, an observation lounge, a conference room with modern multimedia equipment, three laboratories, and a small infirmary with ship doctor.

Financing

The expeditions are funded by means of co-financing by the organizations participating in the project.
Participation fee per person - 275 000 rubles.

The fee covers: accommodation (bed in the cabin, meals, and network connection), transport expenditures and administrative costs during expedition.

Deadline for applications

April 1, 2015

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