

Another Russian nuclear icebreaker starts its regular voyage in NSR

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The third serial universal nuclear-powered icebreaker Yakutia begins its first regular voyage today (April 15, 2025). The icebreaker Yakutia will work in the Yenisei region of the Kara Sea, which is a part of the North Sea Route (NSR). Earlier on April 13, the icebreaker arrived from St. Petersburg at its home port in Murmansk.

Yakov Antonov, Acting Director General of FSUE Atomflot (a concern of Rosatom), said, "Now the period of ice growth is coming to an end in the water area of the Northern Sea Route. The Yakutia nuclear-powered icebreaker will have an excellent opportunity to demonstrate all its main technical advantages: power, maneuverability, and dual-draft functionality."

Yakutia was built under the Russian Project 22220. It is 173.3 meters long, 34 meters wide. Its draft is 10.5 meters/9.03 meters, speed of 22

knots in clear water, and it has a maximum icebreaking capability of 3 meters.

Efficient operation of such vessels becomes a determining factor in the sustainable development of navigation in the NSR water area. The 4th serial universal nuclear-powered icebreaker, Chukotka, and the 5th serial universal nuclear-powered icebreaker, Leningrad, are under construction at the Baltic Shipyard. This year, the 6th serial universal nuclear-powered icebreaker, Stalingrad, will be laid down.

Russia is reinforcing its status as a leading Arctic power. The nuclear icebreaker fleet is Russia's unique competitive advantage in the Arctic.