

Perm Submarine

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Perm Submarine Latest News

Russian President Vladimir Putin recently launched the Perm, a Project 885M Yasen-class nuclear-powered submarine, from Murmansk.

About Perm Submarine

- It is a fourth-generation **nuclear-powered attack submarine** belonging to the **Yasen-M class** (Project 885M).
- Named after the city of Perm in the Urals, it is the sixth vessel in the Yasen/Yasen-M series and the **first Russian nuclear submarine** to be **officially equipped with the 3M22 Zircon hypersonic cruise missile** as a standard feature.
- It is scheduled to enter service with the Russian Navy in 2026.

Perm Submarine Features

- It is **powered by a pressurized water-cooled nuclear reactor** generating 200 megawatts (approximately 268,204 hp).
- It can reach speeds of up to 31 knots underwater and 16 knots on the surface.
- It has a **25-30-year core life**, eliminating the need for mid-life refueling, and allows natural coolant circulation, contributing to lower acoustic signatures.
- With a maximum diving depth of 600 meters and an operational depth of 520 meters, the Perm **can remain submerged for up to 100 days**.
- Its overall length is 130 meters, with a beam of 13 meters and a draft of 9.4 meters, and it accommodates a crew of 64 members.

Perm Submarine FAQs

Q1. What type of submarine is the Perm?

Ans. Fourth-generation nuclear-powered attack submarine

Q2. What makes the Perm submarine unique in the Russian Navy?

Ans. It is the first Russian nuclear submarine to be officially equipped with the 3M22 Zircon hypersonic missile

Q3. How does the Perm submarine reduce its acoustic signature?

Ans. By eliminating mid-life refueling and allowing natural coolant circulation.

Source: [FP](#)

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