

Tavasya: Fourth Krivak-Class Stealth Frigate Launched by Indian Navy at Goa Shipyard

In a major boost to India's self-reliance in defence, **Tavasya**, the **fourth Krivak-class stealth frigate** and the **second built locally by Goa Shipyard Limited (GSL)**, was launched into water on **March 22, 2025**. This marks the **final frigate** in a series of four, contracted from **Russia** under a **technology transfer agreement**.

The launch ceremony was conducted by **Ms. Neeta Seth** in the presence of **Sanjay Seth, Union Minister of State for Defence**, who highlighted India's increasing defence manufacturing capabilities under the **'Make in India' initiative**.

"This launch is a defining moment in India's naval history, showcasing our technological strengths and commitment to self-reliance," said Minister Sanjay Seth.

"Tavasya is not just a step forward for the Indian Navy but a giant leap in India's strategic defence ambitions," he added.

Project Background: India-Russia Frigate Deal

- In **October 2016**, India and Russia signed an **Inter-Governmental Agreement** to build **four Krivak-class stealth frigates**:
 - **Two ships to be imported from Russia.**
 - **Two ships to be built in India** by **Goa Shipyard Ltd. (GSL)** with **Russian technology transfer.**
- **Cost Details:**
 - **\$1 billion deal** for the two Russian-built frigates.
 - **\$500 million deal** between **GSL and Rosoboronexport (Russia)** in **November 2018** for materials, design, and technical assistance.
 - Final contract signed between **GSL and Indian Defence Ministry** in **January 2019.**
- All frigates are powered by engines from **Zorya-Mashproekt, Ukraine.**

Status of the Four Krivak-Class Stealth Frigates

1. **INS Tushil** (*Built in Russia*):

- Commissioned on **December 9, 2024**, at **Kaliningrad, Russia**.
- Arrived at **Karwar Naval Base** on **February 14, 2025**.

2. **Tamal** (*Built in Russia*):

- In **final sea trials**.
- Expected **commissioning: June 2025**.

3. **Tripud** (*Built at Goa Shipyard Ltd.*):

- Launched in **July 2023**.
- Delivery to Indian Navy in **2026**.

4. **Tavasya** (*Built at Goa Shipyard Ltd.*):

- Launched on **March 22, 2025**.
- Scheduled delivery: **Late 2026 or early 2027**.

Significance of Tavasya's Launch

- **Boosts India's Naval Strength:** Enhances the Indian Navy's capabilities in surveillance, stealth operations, and maritime security.
- **Make in India Defence Milestone:** Strengthens India's defence manufacturing sector and reduces reliance on foreign imports.
- **Strategic Edge:** Supports India's long-term maritime strategy in the Indian Ocean Region (IOR).

FAQs about Tavasya and Krivak-Class Frigates

Q1: What is Tavasya?

Tavasya is the **fourth Krivak-class stealth frigate** and the **second frigate built in India** at **Goa Shipyard Limited (GSL)** with technology transferred from Russia.

Q2: What are Krivak-class stealth frigates used for?

They are advanced warships used by the **Indian Navy** for **stealth operations**, **anti-submarine warfare**, and **maritime patrols**. They feature low radar visibility and modern weapon systems.

Q3: How many Krivak-class frigates has India ordered?

India ordered **four additional Krivak-class frigates** in 2016:

- **Two built in Russia.**
 - **Two built in India** under the **Make in India** programme.
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Q4: When will Tavasya join the Indian Navy?

Tavasya is expected to be delivered to the **Indian Navy** in **late 2026** or **early 2027**.

Q5: Who builds these frigates in India?

Goa Shipyard Limited (GSL) is responsible for building **Tavasya** and **Tripud** in collaboration with **Russia's Rosoboronexport**.

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