



OPV Sarthak

Why in News

Recently, an [Offshore Patrol Vessel](#) (OPV), Indian Coast Guard Ship (ICGS) [Sarthak](#) has been commissioned and dedicated to the nation at Goa by the [Indian Coast Guard](#).

Key Points

▪ About: //



- It is a 105-meter-long ship displacing 2,450 tons and is propelled by **two 9,100 kilowatt diesel engines** designed to **attain a maximum speed of 26 knots**.
- It is **4th in the series of five OPVs**. And will significantly **boost the maritime safety and security of the nation**.

- OPVs are **long-range surface ships**, capable of operation in **maritime zones of India**, including island territories with helicopter operation capabilities.
- Their roles **include coastal and offshore patrolling**, policing maritime zones of India, control and surveillance, anti-smuggling and anti-piracy operations with limited wartime roles.

▪ Development:

- It has been designed & built indigenously by M/s **Goa Shipyard Limited (GSL)** in line with the government's vision of ['Make in India'](#).
 - It has about **70% indigenous content**, thus providing the necessary fillip to the Indian shipbuilding industry and a giant leap towards achieving ['Atmanirbar Bharat'](#).

▪ Features:

- It has state-of-the-art **Navigation and Communication equipment, sensors and machinery**.

- It is capable of carrying **a twin-engine helicopter**, four high speed boats and one inflatable boat for swift boarding and Search & Rescue operations.
- It is also capable of **carrying limited pollution response equipment** to undertake **oil spill pollution** response at sea.
- **Utility:**
 - It will be deployed extensively for **Exclusive Economic Zone (EEZ)** surveillance, **Coastal Security** and other duties as enshrined in the **Coast Guard** charter of duties, to safeguard the maritime interests of the Nation.
- **Other OPVs:**
 - **Sajag**
 - **Vigraha**
 - **Yard 45006 VAJRA**
 - **Varaha**

Indian Coast Guard

- It is an Armed Force, Search and Rescue and Maritime Law Enforcement agency under the Ministry of Defence. It is **headquartered in New Delhi**.
- It was established **in August 1978 by the Coast Guard Act, 1978** as an independent Armed force of India.
 - The concept of forming ICG came into **being after the 1971 war**. The blueprint for a multidimensional Coast Guard was conceived by the visionary **Rustamji Committee**.
- It has jurisdiction over the territorial waters of India including contiguous zone and **Exclusive Economic Zone (EEZ)**.
- It is responsible for marine environment protection in maritime zones of India and is coordinating authority for response to **oil spills** in Indian waters.

Source: PIB

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