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GRSE Launches Next Generation Offshore Patrol Vessel Shruti for the Indian Navy

12 August 2026 ·

SECURITY & DEFENCE

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GRSE Launches Next Generation Offshore Patrol Vessel Shruti for the Indian Navy

12 August 2026 · 3 min read ·

✓ Every fact web-verified against primary sources

Garden Reach Shipbuilders and Engineers (GRSE), Kolkata, launched Shruti, its second Next Generation Offshore Patrol Vessel (NGOPV), on August 11, 2026, under the Indian Navy's 11-ship NGOPV programme.

WHAT WAS LAUNCHED

Shruti (Yard 3037) was launched by **Manika Sadhu**, spouse of **Vice Admiral Sanjay Sadhu**, Controller of Warship Production and Acquisition. It is GRSE's second NGOPV, following **Sanghmitra**, launched on **May 20, 2026**. The vessels are designed for **113 metres** in length, **14.6 metres** beam, roughly **3,000-tonne** displacement, a top speed of **23 knots**, and an endurance of **8,500 nautical miles** at 14 knots, intended for maritime surveillance, coastal security, anti-piracy operations and protection of Sea Lines of Communication (SLOC).

THE NGOPV PROGRAMME

The Indian Navy's NGOPV programme covers **11 vessels** under a **Rs 9,781-crore** contract finalised on **March 30, 2023**. Construction is split between two shipyards: **Goa Shipyard Limited (GSL)** is building seven vessels, while **GRSE** is building the remaining four. GRSE is a **Navratna Defence Public Sector Undertaking (DPSU)** under the Ministry of Defence, one of India's principal indigenous warship-building yards alongside Mazagon Dock Shipbuilders and GSL.

INDIGENISATION AND THE TWO-YARD MODEL

The programme's split between GRSE and GSL illustrates a **deliberate** capacity-distribution approach within India's defence-shipbuilding base: rather than concentrating an entire class of vessels at a single yard, the Navy spreads production across multiple DPSUs, building parallel production capacity, reducing single-yard bottleneck risk, and sustaining skilled shipbuilding employment across more than one industrial cluster. This

model supports the broader **Atmanirbhar Bharat (self-reliant India)** and **Make in India** push in defence manufacturing, in which indigenous warship construction has steadily displaced imported hulls across most non-capital-ship categories of the Indian Navy's fleet.

STRATEGIC ROLE OF OFFSHORE PATROL VESSELS

Offshore Patrol Vessels occupy a distinct tier of naval capability, below major surface combatants like destroyers and frigates but essential for persistent presence missions: patrolling India's Exclusive Economic Zone, securing offshore energy and fishing assets, conducting anti-piracy and anti-smuggling operations, and maintaining a visible naval presence across the Indian Ocean Region without committing higher-value warships to routine constabulary duties. As regional maritime security concerns, including piracy, illegal fishing and grey-zone maritime activity, have grown in the Indian Ocean Region, expanding this mid-tier OPV fleet directly strengthens India's coastal-security and maritime-domain-awareness architecture.

UPSC RELEVANCE

GS Paper 3: Indigenisation of defence technology and Atmanirbhar Bharat; the role of Defence Public Sector Undertakings (GRSE, GSL, Mazagon Dock) in warship construction; maritime security architecture and the Indian Ocean Region; Sea Lines of Communication (SLOC) protection.

Mains angle: "Distributing warship construction across multiple Defence Public Sector Undertakings, rather than concentrating it in a single yard, has strategic and industrial advantages. Discuss with reference to the Navy's NGOPV programme." (250 words)

★ FACTS CORNER, KNOWLEDGEPEDIA

NGOPV SHRUTI:

Launched August 11, 2026, by GRSE, Kolkata; GRSE's second NGOPV (after Sanghmitra, May 20, 2026)

Specifications: 113m length, 14.6m beam, ~3,000-tonne displacement, 23-knot top speed, 8,500 nm endurance at 14 knots

NGOPV PROGRAMME:

11 vessels, Rs 9,781 crore contract, finalised March 30, 2023

Yard split: Goa Shipyard Limited (7) and GRSE (4)

GRSE: a Navratna DPSU under the Ministry of Defence

Sources: PIB, Ministry of Defence, The Hindu

Source: GRSE Launches Next Generation Offshore Patrol Vessel Shruti for the Indian Navy — Ujjyari.com | Free
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