



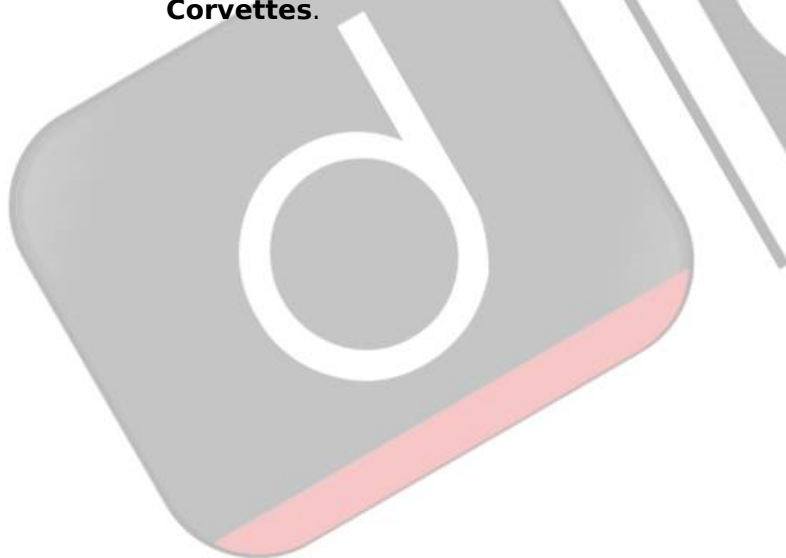
Anti-Submarine Ship Abhay

[Source: PIB](#)

Recently, the 7th [Anti-Submarine Warfare](#) Shallow Water Craft (ASW SWC), **Abhay** was launched.

- Over **80% of the Abhay's content is indigenous** demonstrating India's commitment to **self-reliance** in defence manufacturing.
- The **Ministry of Defence (MoD)** signed a contract with **Garden Reach Shipbuilders & Engineers (GRSE), Kolkata**, to build **eight ASW SWC ships**.
- Its capabilities include **search attack unit (SAU)** and **coordinated ASW operations** with aircraft, interdiction/destruction of sub-surface targets in coastal waters.
 - It can be deployed in **Low-Intensity Maritime Operations (LIMO)** and **Mine Laying Operations**.
- It has low-frequency **variable depth sonar**, hull-mounted sonar, and expendable bathythermograph.
 - Bathythermographs detect **changes in water temperature with changing depth**.
- These vessels are propelled by **water jets** and are loaded with anti-submarine weapons like **lightweight Torpedoes**.
 - They are part of the **Arnala-class**, intended to replace the in-service **Abhay-class ASW Corvettes**.

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INS ARIHANT



India's First Ballistic Missile Nuclear Submarine

6000 Tonne
Weight

Lead ship of India's Arihant class of nuclear-powered ballistic missile submarines.

Built under - Advanced Technology Vessel (ATV) project.

Build by Shipbuilding Centre (SBC), Visakhapatnam, it's India's first indigenously built nuclear submarine.

83 MW

pressurised light-water reactor with enriched uranium fuel.

It is a '**Ship Submersible Ballistic Nuclear Submarine**' (SSBN)



Read More: [Anti-Submarine Warfare Launch](#)

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