

Yard 12706 (IMPHAL)

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About Yard 12706 (IMPHAL)

- The ship is constructed using Indigenous Steel DMR 249A and is amongst the largest Destroyers constructed in India, with an overall length of 164 meters and a displacement of over 7500 Tons.
- The ship is propelled by a powerful Combined Gas and Gas Propulsion Plant (COGAG), consisting of four reversible Gas Turbines, which enables her to achieve a speed of over 30 knots (approx 55 Kmph).
- The ship is a potent platform capable of undertaking a variety of tasks and missions, spanning the full spectrum of maritime warfare.
 - It is armed with supersonic Surface-to-Surface 'Brahmos' missiles and 'Barak-8' Medium Range Surface to Air Missiles.
 - Towards undersea warfare capability the Destroyer is fitted with indigenously developed anti-submarine weapons and sensors, prominently the Hull mounted Sonar Humsa NG, Heavy weight Torpedo Tube Launchers and ASW Rocket Launchers.

- It is more versatile than the previous classes of Destroyer and Frigates in Naval inventory.
- It has all-round capability against enemy submarines, surface warships, anti-ship missiles and fighter aircraft will enable it to operate independently without supporting vessels, and also to function as the flagship of a Naval task force.

Key points about Project 15B

- Project 15B (P15B) / Visakhapatnam-class is the latest destroyer design currently under construction for the Indian Navy.
 - These ships have been designed indigenously by the Indian Navy's Directorate of Naval Design, New Delhi.
 - Each ship spans 163 meters in length and 17.4 meters in beam and displaces 7,300 tonnes.
 - These ships will be propelled by four gas turbines to achieve speed in excess of 30 knots.
 - According to the Indian Navy, the P15B destroyers incorporate new design concepts for improved survivability, seakeeping, stealth, and maneuverability.
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Q1) What is BrahMos?

It refers to a specific type of supersonic cruise missile developed by India. It is a joint venture between India and Russia, with the name "BrahMos" being a portmanteau of the Brahmaputra River in India and the Moskva River in Russia.

Source: [IMPHAL' – Third Stealth Destroyer of Project 15B delivered to the Indian Navy](#)

Source: <https://vajiramandravi.com/current-affairs/yard-12706/>

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