

About INS Mormugao

May 24, 2023 • vajiramandravi.com



About INS Mormugao:

- It is an **indigenous guided missile destroyer** of the Indian Navy.
- It was **named after the historic port city of Goa** on the West coast. Mormugao coincidentally undertook her **first sea sortie on December 19, 2021, when Goa celebrated 60 years of liberation** from Portuguese rule.
- **Features:**
 - It measures **163 m in length**, and **17 m in breadth**.
 - **Displacement: 7,400 tonnes**
 - The ship is **propelled by four powerful Gas Turbines**, in a Combined Gas and Gas (COGAG) configuration.
 - It is capable of achieving **speeds in excess of 30 knots**.
 - The ship has **enhanced stealth features** resulting in a **reduced Radar Cross Section (RCS)**.

- The ship is fitted with a **modern Surveillance Radar** which provides target data to the gunnery weapon systems of the ship.
 - It is packed with **sofisticated weapons and sensors** such as **Surface to Surface Missile and Surface to Air Missiles**.
 - Its **Anti-Submarine Warfare capabilities** are provided by the indigenously-developed Rocket Launchers, Torpedo Launchers and the ASW helicopters.
 - It is **equipped to fight under nuclear, biological and chemical (NBC) warfare conditions**.
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Q1) What is a guided missile destroyer?

Destroyers provide multi-mission capabilities, operating independently or as part of carrier strike groups, surface action groups, amphibious ready groups and replenishment groups. Guided missile destroyers are multi-mission surface combatants, capable of engaging targets on, above and below the surface.

Source: [Indian Navy warship INS Mormugao engages sea-skimming supersonic target](#)

Source: <https://vajiramandravi.com/current-affairs/about-ins-mormugao/>

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