

INS Malpe and INS Mulki

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About INS Malpe and INS Mulki:

- They are two **indigenously designed** and **constructed Anti-Submarine Warfare Shallow Watercrafts (ASWCWC)** built for the Indian Navy.
- This is the **fourth and fifth ASWCWC** being built **for the Navy**.
- They are constructed by the **Cochin Shipyard Limited (CSL)**.
 - The contract to build eight ASWSWC ships was signed between the Ministry of Defence (MoD) and CSL on April 30, 2019.
 - These vessels, **known as the Mahe Class**, will **replace the current Abhay Class ASW Corvettes** in the Indian Navy.
- **Features:**
 - The vessels are capable of conducting anti-submarine operations in coastal waters, **low-intensity maritime and mine-laying operations**, besides **sub-surface surveillance** and **search and rescue operations**.

- The vessels are 78.0 m long and 11.36 m wide, with a draught of about 2.7 m.
 - The displacement is about 900 tonnes, with a maximum speed of 25 knots and **endurance of 1,800 nautical miles**.
 - The ships are designed to **fit indigenously developed**, state-of-the-art **SONARS** for underwater surveillance.
 - They are equipped with light-weight **torpedoes, anti-submarine warfare rockets**, a close-in weapon system, and remote-controlled guns.
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Q1: What is Torpedo?

A torpedo is a self-propelled, cigar-shaped underwater missile that is launched from a submarine, surface vessel, or airplane to destroy ships by rupturing their hulls below the waterline.

Source: Two anti-submarine warfare vessels for Indian Navy launched at Cochin Shipyard

Source: <https://vajiramandravi.com/current-affairs/ins-malpe-and-ins-mulki/>

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