



INS MALPE AND INS MULKI - DEFENCE

News: Cochin Shipyard Limited has launched two new Anti-Submarine Warfare (ASW) Shallow Water Crafts, Malpe and Mulki. These ships are the fourth and fifth in the Eight ASW Shallow Water Craft (SWC) project, signed between the Defence Ministry and CSL in 2019.

What's in the news?

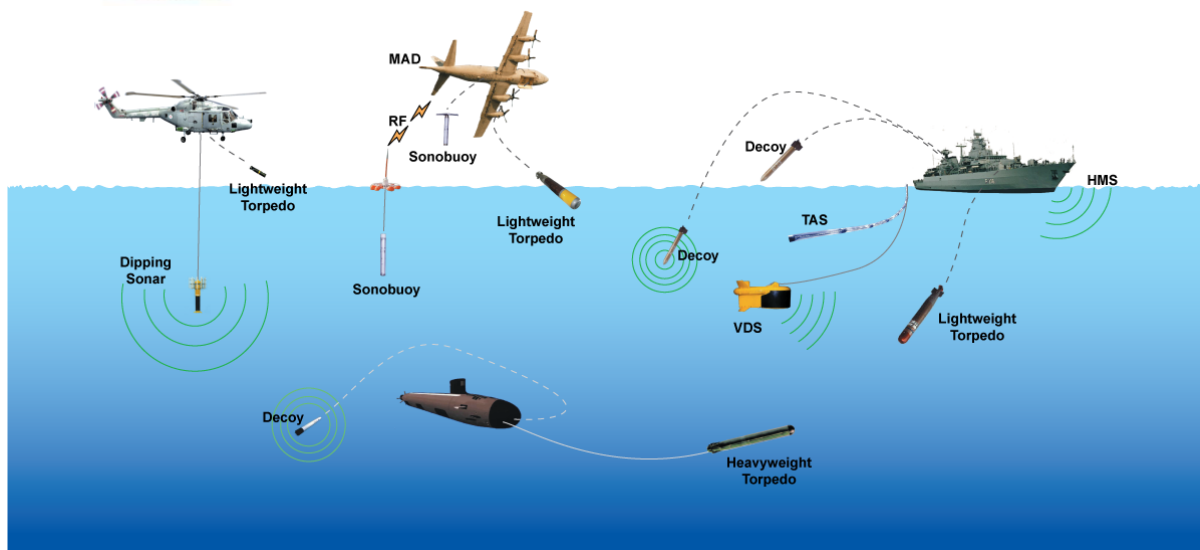
About the Vessels

- The vessels are 78.0 m long, 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 1800 nautical miles.
- The ships are designed to fit indigenously developed, **state-of-the-art SONARS**, for underwater surveillance.



- Concurrent launching of the two ships is yet another milestone achievement for CSL.
- The ships are equipped with advanced, indigenously developed underwater sensors.
- Designed for anti-submarine warfare, they will also engage in **Low Intensity**

Maritime Operations and Mine Laying Operations.



Anti-Submarine Warfare Shallow Water Craft (ASWSWC)

- These are designed for a deep displacement of 750 tons, speed of 25 knots and complement of 57.
- These are capable of full-scale sub surface surveillance of coastal waters, SAU and Coordinated ASW operations with Aircraft.
- The vessels shall have the capability to interdict/ destroy sub surface targets in coastal waters.
- These can also be deployed for Search and Rescue by day and night in coastal areas.
- These will be capable to prosecute intruding aircraft, and lay mines in the sea bed.

Features of ASWSWC

- The vessels are equipped with highly advanced state-of-the-art integrated platform management systems including Propulsion Machinery, Auxiliary Machinery, Power Generation and Distribution Machinery and Damage Control Machinery, etc
- These warships will be built as per Classification Society Rules and Naval Ship Regulations and will conform to latest Marine Pollution Standards of the International Maritime Organization (IMO) and Safety of Life at Sea (SOLAS).

Sources: <https://economictimes.indiatimes.com/news/defence/indian-navy-launches-anti-submarine-warfare-vessels-malpe-and-mulki-at-cochin-shipyard/articleshow/113216042.cms?from=mdr>