

#TheDecisiveEdge

 **L&T Defence**



OFFSHORE PATROL VESSELS

Dependable defence on the high seas

THE DECISIVE EDGE

across the spectrum

L&T Defence – a leading Indian private-sector developer and producer of armaments and allied equipment and systems – is a part of Larsen & Toubro, a multi-billion-dollar Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services.

The business provides design-to-delivery solutions for defence equipment, fully-integrated platforms and autonomous systems for deployment across land, sea and air – delivering the decisive edge across the spectrum.

Offshore Patrol Vessels

L&T Defence offers a range of Offshore Patrol Vessels (OPVs) capable of ocean policing, control, surveillance and monitoring. They are designed to operate up to sea state 7 and undertake helo operations, thus functioning as 'eyes in the sky'. Peacetime capabilities include fisheries protection and monitoring, as well as operations pertaining to anti-smuggling, anti-piracy, limited pollution response against oil spills, and search-and-rescue operations.

L&T Defence designs these vessels in-house, undertaking the complete cycle of basic design to production detailing, at its Design Competency Centre, which is staffed by experienced design specialists and equipped with state-of-the-art IT infrastructure.

OPVs are built at L&T Defence's ultra-modern mega shipyard at Kattupalli (on India's east coast near Chennai). It is the only facility of its kind in India, equipped with a 21050-tonne capacity shiplift to accelerate build and repair schedules.



The shipyard at Kattupalli, India, where the OPVs are constructed



Digital model of OPV designed by L&T Defence

Key features

- Heli deck: 14 m x 22.8 m
- Hangar capacity: One helicopter
- Gun systems: One 30 mm gun and two 12.7 mm guns with FCS
- RIBs: Two rigid inflatable boats
- Bridge system: Integrated bridge system with multi function workstations and X & S Band navigation radar
- Pollution control: About 95m² deck space for pollution response operations

Specifications

- Length (overall): 98.2 m
- Breadth (max.): 14.7 m
- Deep displacement: 2140 T
- Max. speed: 26 knots
- Range: 5000 NM
- Reserve fuel balance: 25%
- Crew capacity: 102



L&T Defence

A brand of Larsen & Toubro Limited

Defence Shipbuilding Business

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The company does not manufacture any explosives or ammunition of any kind, including cluster munitions or anti-personnel landmines or nuclear weapons and also does not customise any delivery systems for such munitions.

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