

#TheDecisiveEdge



L&T Precision Engineering and Systems



OFFSHORE PATROL VESSELS

Dependable defence on the high seas

THE DECISIVE EDGE across the spectrum

L&T PES – 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 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.



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

L&T Shipbuilding 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'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 shiplift to accelerate, build and repair shiplift to accelerate build and repair schedules.



Digital model of OPV designed by L&T

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 Precision Engineering and Systems

A brand of Larsen & Toubro Limited

Shipbuilding Business

TC-1 Building, L&T Campus, 22, Mount-Poonamallee Road, Manapakkam Chennai - 600 089, INDIA
Tel: +91 44 2270 6618 Fax: +91 44 2270 6579
e-mail: marine.marketing@Larsentoubro.com Web: www.Larsentoubro.com

Please note that this document is for information purposes only. L&T PES reserves all rights to change system specifications without prior notice.

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.

Registered Office:
Larsen & Toubro Limited, L&T House
N. M. Marg, Ballard Estate
Mumbai - 400 001, INDIA
CIN: L99999MH1946PLC004768