



Offshore Patrol Vessels

Dependable defence on the high seas



Transforming Defence for the decisive edge

L&T Defence – one of the country's leading private sector defence organisations – is a part of Larsen & Toubro, a multi-billion dollar technology, engineering, construction, manufacturing and financial services conglomerate, with global operations.

For over 30 years, L&T Defence has been partnering the Indian Armed Forces in the development and supply of world-class defence solutions. Its philosophy and operational effectiveness are characterised by long-term commitment, dedicated manufacturing centres and specialised collaborations. Digitalisation, globalisation and customisation are its key differentiators, empowering it to offer transformational defence solutions that provide the decisive edge.

Offshore Patrol Vessels

We offer a range of Offshore Patrol Vessels 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 & rescue operations.

L&T 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 a 21050 tonne capacity shiplift, to accelerate build and repair schedules.



L&T's shipyard at Kattupalli, India, where the OPVs are constructed



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



A brand of Larsen & Toubro Limited

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