Offshore Patrol Vessels

Dependable defence on the high seas
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.

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