



| DEFENSE AND SECURITY VESSELS |



SEA PATROL VESSEL

Patrol and military support vessel developed to increase the operational capabilities respect the current up to 80 m OPVs in order to meet the requirements from Modern Navies.

The unit has outstanding performance features and incorporates the operational experience of the Colombian Navy, plus the challenges it has faced in fulfilling its mission. The vessel's capabilities are as follows

Maritime interdiction, control and protection of maritime traffic, search and rescue, humanitarian aid, environmental control and protection, implementation of sovereignty and strategic deterrence



Operations with helicopter and UAV



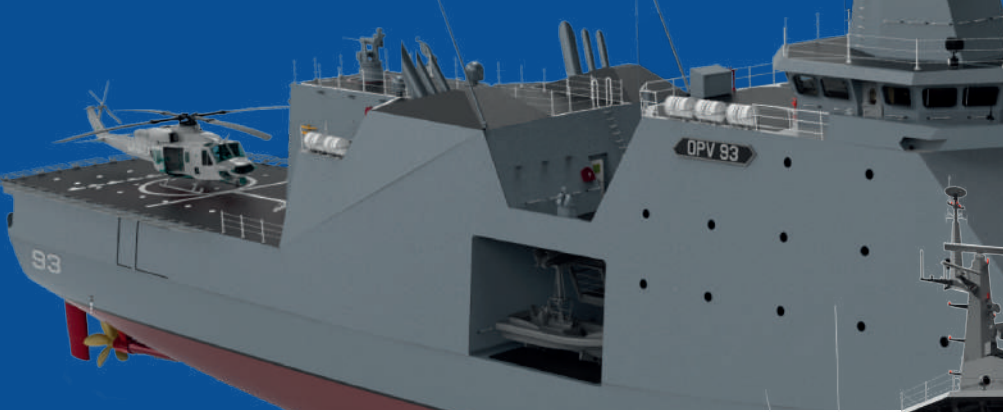
Security And control maritime



Humanitarian aid



Environmental Protection



OPV 93C

SEA PATROL VESSEL SPEC SHEET

MAIN DIMENSIONS

Total length:	93.0 m
Total Breadth:	14 m
Depth (to first deck):	7.0 m
Draft (at maximum load)	4.1 m
Displacement	2665 t

PERFORMANCE

Max. speed:	18 knots
Range:	up to 10,000 nautical miles (at 12 knots)
Endurance:	40 days @64 people 20 days @ 109 people

CAPABILITIES

Fuel (Diesel):	392 m ³
Helicopter Fuel (JP5):	44 m ³
Interceptor boat fuel (Gasoline):	13 m ³
Fresh water:	67 m ³
Complement	64 Crew + 45 passengers

PROPULSION SYSTEM

Power:	4 x 2200kW (CODAD) 2 x 4800kW(+2 x 630 kW CODELOD)
Propellers:	2 controllable pitch propellers
Bow Thruster:	> 1 x 390 kW

ELECTRIC SYSTEM

Main Generators:	4 X 375 kWe (CDAD) 4 x 740 kWe (CODEDO)
Emergency Generator:	1 X 200 kWe

DRIVE CAPACITIES

- Flight deck for a helicopter up to 11 tons and an Unmanned Air Vehicle (UAV). With Hangars.
- RAS, FAS, HIFR, and VERTREP Replenishment.
- Stern door and ramp to deploy interdiction boat up to 14 meters
- Side launch system (DAVIT) to deploy interdiction support boats up to 7 meters.
- Two 40' Mission Containers (Modularity 2 TEU)

SPECIAL FEATURES

- Roll Stabilization System (U-tank)
- 1 Deck Crane SWL 5 t to 10 m



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