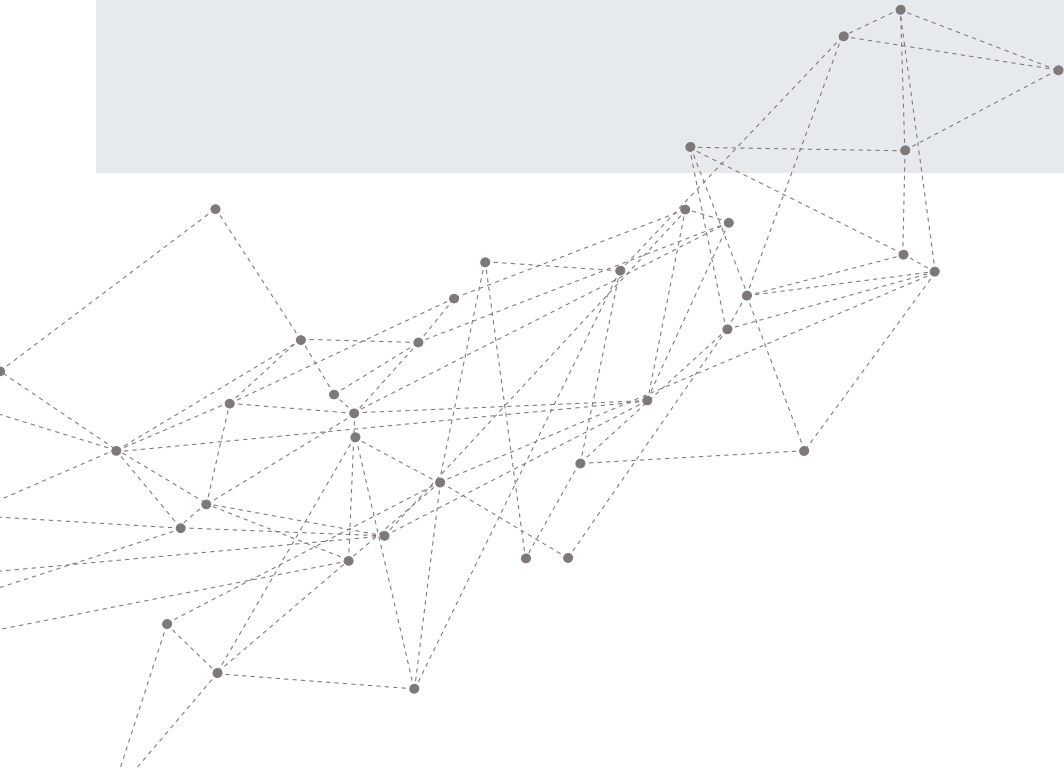


PPA
Multipurpose Offshore
Patrol Vessel

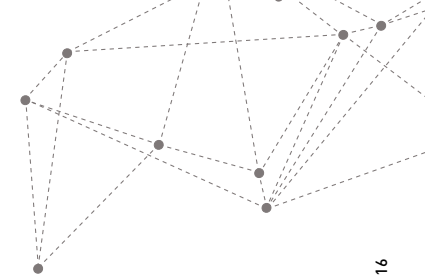
FINCANTIERI
The sea ahead



PPA

Multipurpose Offshore Patrol Vessel

— The Multipurpose Offshore Patrol Vessel (PPA) is a highly flexible ship that can accomplish multiple functions, from patrol with sea rescue capability to Civil Protection operations, and - in its most highly equipped version - act as a first line combatant. The ship can have different combat system configurations: starting from a “light” version for the patrol task, integrated for self-defence, to a “full” version, equipped for a complete defence ability. The vessel is also capable of operating high-speed vessels such as RHIBs (Rigid Hull Inflatable Boats) up to 11 meters long, through its lateral cranes or its hauling ramp located astern.



_ main characteristics

Length overall.....	abt. 143.00 m
Length between perpendiculars.....	133.00 m
Beam.....	16.50 m
Depth.....	10.50 m
Speed (max/range).....	32/15 kn
Range.....	5 000 nm
Endurance.....	30 days
Crew.....	171 people

ENERGY AND PROPULSION SYSTEMS

Propulsion system.....	CODAG CC (2 x DE + 1 TAG/2 x FCPP)
Generating sets.....	4 + 2 Shaft Generators / Electric Motors

HELO CAPABILITIES

Flight deck.....	for SH90 or EH101
Hangar.....	for 2 SH90 or 1 EH101

_ combat system

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1 Cockpit Control System	1 Anti-Ship Missile System TESEO*
1 Internal Networking System	1 Main Caliber Gun - 127 mm - Vulcano
1 Combat Management System (CMS)	1 Medium Caliber Gun - 76 mm SP - Davide
1 Integrated Int/Ext Communication System	1 Decoy Launching System (2 Launchers)
1 Integrated Navigation System	1 Torpedo Detection System
2 Navigation Radars	1 Active Towed Array System*
1 Dual Band (C-X) Radar	1 Torpedo Launching System*
1 IFF Interrogator/Transponder System	1 Heavy-Weight Torpedo System
1 IR Surveillance System (2 turrets)	1 Obstacle Avoidance Sonar**
2 Secondary Caliber Guns - 25 mm	1 Diver Detection Sonar
2 Long Range Acoustic Devices	1 BathyTermograph Unit
1 EW System (RESM/CESM)	
1 Fire Control System (ADT)	
1 Quick Point Device System	
1 Surface Anti Air Missile SAAM-ESD System	

* fitted for

** space foreseen for