

CGuard 50



The **CGuard 50** is an Offshore Patrol Vessel dedicated to patrol and offshore Search and Rescue operations. Her round bilge hull shape allows high stability even by strong winds and rough seas.



MISSIONS

- > Search and Rescue (Primary mission)
- > Coastal and off-shore patrolling Intelligence, Surveillance & Reconnaissance (ISR)
- > Humanitarian support
- > Antipollution operations
- > Smuggling and piracy control
- > helicopter and UAV operation



PERFORMANCE AND COMPETITIVE FEATURES

- > A maximum speed of 20 knots
- > A minimum operating range of 2,000 nautical miles at 12 knots
- > Accessibility to engine room optimized for easy maintenance
- > Modular design giving options for multiple applications
- > Round bilge hull shape allows:
 - > Operating in strong wind and rough seas
 - > High autonomy due to reduced fuel consumption
- > Optimized location of service and recreation areas for crew

MAIN CHARACTERISTICS

- > Length Overall..... 50.40 m
- > Beam Overall..... 11.20 m
- > Maximum draught..... 2.90 m
- > Maximum speed 20 Knots
- > Range at 12 knots..... 2000 NM
- > Crew 20
- > Additional and passengers 20
- > Fuel 43 m³
- > Fresh water..... 4 m³
- > Hull Steel
- > Superstructures Aluminum
- > Classification BUREAU VERITAS

TYPICAL MISSION SYSTEMS

- > One Mission Management System
- > One Remote-Controlled Weapon Station (20 mm)
- > One electro-optical observation system
- > Two 12.7 mm side guns
- > One radio direction finder
- > One 25 kW X-band radar
- > Two 6.8 m outboard RHIB deployed by ramp or davit with painter boom
- > One UAV Hangar and one UAV launching area
- > Two rescue zones
- > Two large survivor rooms connected to one independent treatment area

MAIN EQUIPMENT & AUXILIARIES

- > Two main generating sets
- > One emergency generating set
- > Two diesel engines
- > Two Controllable Pitch Propellers (CPP)
- > External firefighting water monitor
- > One helicopter platform able to land a SAR helicopter up to 4.5t



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