



Musherib Class
Offshore Patrol Vessel

FINCANTIERI
The sea ahead



Musherib Class

Offshore
Patrol Vessel

_ main characteristics

— Musherib Class offshore patrol vessel is designed consistently with the RINAMIL for Fast Patrol Vessel (FPV) rules and is a flexible type of ship capable of fulfilling different kinds of tasks, from surveillance to fighting vessel. The ship has the heaviest combat system installed on a vessel of similar size.

The vessel is capable of operating a RHIB (Rigid Hull Inflatable Boat) through a crane located at the stern.

Length overall.....	63.80 m
Length between Pp.....	59.60 m
Beam.....	9.20 m
Depth.....	5.65 m
Speed (max/range)	30/15 kn
Full Load displacement.....	725 t
Range	1,500 nm
Endurance.....	7 days
Crew	38 people
Propulsion System	4 x PDE + 4 x RG+ 4 x FCPP
Generating sets	3 x DGS

_ combat system

SENSORS

Multi-Functional Radar (MFR Kronos HP)
IFF Interrogator & Transponder (IFF SIRM-C + Transponder)
EWS Radar & Communication (RESM/CESM)
IR Search & Tracking System (IRST)
Radar & E/O Fire Control System (FCS)
E/O Fire Control Systems (EO-FCS)
X-Band Navigation Radar
S-Band Navigation Radar
Integrated Navigation System (DGPS, Echo sounder, Speed-log, Meteo sensors)

EFFECTORS

VL-MICA SAM
Exocet SSM
76/62 mm SR Multi Feeding Main Calibre Gun
30 mm Secondary Calibre Guns
AAW Decoy Launchers MK1
12.7 mm Machine Guns (GFE)

COMMUNICATIONS

Tactical Data Links 11, 16, JREAP, Y, [22 FFBNW]
SATCOM (dual antenna)
Integrated Communications System (voice/data V/UHF, HF)
GMDSS A3

COMMAND & CONTROL

Combat Management System
Integrated Bridge System

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