

Abu Dhabi Class
Corvette

FINCANTIERI
The sea ahead



Abu Dhabi Class Corvette

_ main characteristics

— The Abu Dhabi class design of the corvette for the United Arab Emirates was modeled on the Comandante Cigala Fulgosi one; four vessels are in service with the Italian Navy. This cutting edge ship carries out patrolling and surveillance activities and can be employed in antisubmarine, anti-aircraft and surface activities. It is able to exchange tactical data in real time with other naval vessels, helicopters and on-shore bases and to provide support and shelter for the Emirates Navy helicopters. In addition to highly flexible operational capabilities, the vessel also features high standards of safety and living conditions for the comfort of the crew.

Length overall	88.40 m
Length between perpendiculars	80.00 m
Moulded breadth	12.20 m
Moulded depth	8.20 m
Full load displacement	1,620 t
Max speed at 100% MCR	≥25 kn
Cruising speed	14 kn
Range at 14 kn	3,000 NM
Endurance	20 days
Accommodation	70 people

ENERGY AND PROPULSION SYSTEM

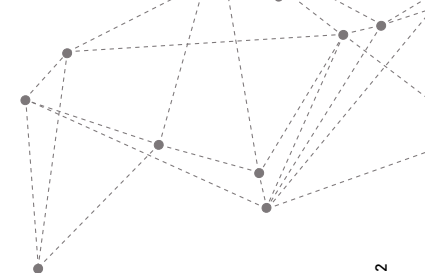
Main diesel engines	2 x 7,000 kW
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HELO CAPABILITIES

Flight deck and retractable hangar	for Panther and Super Puma
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_ combat system

- 1 Command Management System with Data Link
- 1 3D Surveillance Radar
- 1 Identification Friend or Foe + Transponder
- 1 76/62 SR Main Gun
- 1 Fire Control System
- 2 30 mm Secondary Guns
- 2 Optronic Fire Control System
- 1 Ship to Ship Missile (2 x 2)
- 1 Rolling Airframe Missile (31 cells)
- 1 Hull Mounted Sonar & Underwater telephone
- 1 Towed Array Sonar
- 1 Torpedo Launching System (2 launchers)
- 1 Anti-Torpedo Decoy Launching System (2 launchers)
- 1 Radar Electronic Support Measures
- 1 Anti-Air Warfare Decoy Launching System (2 launchers)
- 1 External Communication System
- 1 Internal Communication System
- 1 Satcom Communication System
- 1 Navigation System
- 1 X-Band Navigation Radar with frequency diversity
- 1 X-Band Navigation Radar with LPI component
- 1 Expendable Bathythermograph System



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