



Sirio Class  
Offshore Patrol Vessel

**FINCANTIERI**  
The sea ahead



# Sirio Class

## Offshore Patrol Vessels

### \_ main characteristics

— The main mission of the Sirio class ocean patrol vessels is to safeguard national interests, specifically in the fields of anti-pollution and rescue services. The aft area of the deck is fitted with a flight deck for 1 medium-sized helicopter. The vessel's extensive range, sea-keeping and manoeuvrability make it highly flexible in operational terms.

Length overall.....	88.60 m
Length between perpendiculars.....	80.00 m
Max breadth.....	12.20 m
Depth.....	8.20 m
Full load displacement.....	1,580 t
Corresponding moulded draught.....	3.43 m
Max continuous speed.....	≥ 22 kn
Range at 17 kn.....	abt. 3,300 nm

#### ENERGY AND PROPULSION SYSTEMS

Diesel engines Wärtsilä W12 V 26XN.....	2 x 4,320 kW
Diesel generators.....	3 x 750 kVA
Primary power.....	390 V - 50 Hz
Rudders.....	2
Feathering C.P. propellers.....	2
Stabilizers.....	2 active fins

#### CREW

Commanding Officer.....	1
Officers.....	9
Senior Petty Officers.....	30
Junior P.O. / Senior Ratings.....	18
Junior Ratings.....	12
Total.....	70

#### HELO CAPABILITIES

Flight deck.....	for AB212 or NH90
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### \_ combat system

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- 1 Combat Management System
- 1 Main Calibre Gun - 76 mm (fitted for)
- 2 Secondary Calibre Guns - 25 mm
- 1 2D Search radar
- 1 Fire Control System (fitted for)
- 1 Electronic Warfare System (fitted for)
- 1 Integrated Communication System
- 1 Identification Friend or Foe + Transponder
- 1 Navigation System + METOC
- 1 Navigation Radar

#### SPECIAL SYSTEMS

- Environmental pollution control
- Pollution delimitation
- Dispersion by chemical spraying
- Polluting oil recovery
- Fire - fighting support to other ships

