



Vulcano Class
Logistic Support Ship

FINCANTIERI
The sea ahead



Vulcano Class

Logistic Support Ship

_ main characteristics

— The Logistic Support Ship (LSS) provides thorough logistics support to the fleet. The vessel is endowed with fully equipped hospital and healthcare capabilities, including operating rooms, radiology and analysis rooms, a dentist's office and hospital rooms capable of hosting up to 13 patients. The ship is capable of combining capacity to transport and transfer to other vessels both liquids (diesel fuel, jet fuel, fresh water) and solids (emergency spare parts, food and ammunitions) and to perform repairs and maintenance work for other ships at sea. The defence systems are restricted to the capacity of command and control in tactical scenarios, communications and dissuasive non-lethal defence. The vessel is anyway capable of embarking more complex defence systems, becoming an intelligence and electronic warfare platform.

Length overall.....	193.0 m
Length between perpendiculars.....	176.0 m
Moulded breadth	24.0 m
Depth to main deck (deck 1)	16.3 m
Full load displacement.....	27,200 t
Transported cargoes	up to 15,500 t
Speed (max/cruise).....	about 20/16 knots
Range at 16 knots.....	7,000 nm
Crew + additional personnel	235 people + 13 hospitalized

ENERGY AND PROPULSION SYSTEMS

Propulsion system.....	CODLAD (2 x DE +2 EM / 2 x FCPP)
Generating sets	4 + 2 Shaft generators + 1 Emerg.

HELO CAPABILITIES

Flight deck	for NH90 or EH101
Hangar	for 2 EH101

_ combat system

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1 Internal Networking System
1 Combat Management System (CMS)
1 Integrated Int/Ext Communication System
1 Integrated Navigation System
2 Navigation Radars
1 Helo Decking Radar
1 2D Surveillance Radar 2D RAN 21S
1 IFF Interrogator System
1 IFF Transponder System
1 IR Surveillance System (2 turrets)
2 Secondary Caliber Guns - 25 mm
2 Long Range Acoustic Devices
1 Obstacle Avoidance Sonar

1 Diver Detection Sonar
1 EW System (RESM/CESM)*
1 Fire Control System (ADT)*
1 Quick Point Device System (2 Pointing Devices)*
1 Main Caliber Gun - 76 mm SR*
1 Decoy Launching System (2 Launchers)**
1 Torpedo Detection System**
1 Reaction Management System**
1 Bathy Thermograph Unit**

* Fitted for

** Space foreseen for