


Avante 3000 Patrol

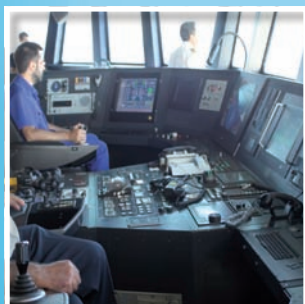


MAIN CHARACTERISTICS

Length overall.....	93.90 m
Maximum beam.....	14.20 m
Depth to main deck.....	7.20 m
Full load displacement.....	2,840 t
Full load draught.....	4.50 m
Total accommodation capacity.....	35 + 35 p.

ACTION MARITIME SHIP BAM PROGRAM

-  P-41 METEORO
-  P-42 RAYO
-  P-43 RELÁMPAGO
-  P-44 TORNADO



Avante 3000 Patrol



OFFSHORE OPERATIONS

The Avante 3000 Patrol is specially designed for the following missions:

- Control of activities maritime areas
- Protection of merchant shipping
- Maritime search and rescue operations
- Surveillance and control of environmental legislation and pollution
- Surveillance and control of fishing
- Logistic and medical support to smaller ships
- Humanitarian relief operations
- Intelligence gathering
- Operations against the traffic of people and drug smuggling
- Control and neutralisation of terrorist actions and pirate activities
- Inward and outward transport of Special Forces
- Naval presence

PERFORMANCE

Maximum sustained speed	+21 kn
Patrol speed (Electric Mode)	12 kn
Range at 15 kn	>8,000 nm
Provisions endurance	35 days
Active & Passive Stabilising System to increase confort and helo operation	

SENSORS

2D LPI Air/Surface surveillance radar	1
IFF (Interrogation & transponder)	1
Navigation radar	1
EO Surveillance and Tracking system	1
Radar-EO fire control system director	1
ESM system radar band	1
Fitted for ESM System Communications Band	1

HELICOPTER & RHIBS OPERATIONS

- Flight deck & hangar for 10 t class helicopter (NH-90) and UAV operations
- 7 m RHIBs (crane deployment & recovery)
- Conteneirised Systems
- Suitable interfaces in the poop deck/flight deck to adequately embark up-to 3+3 mission containers (Unmanned Air Vehicles, UAV's), Habitability modules, Anti-Pollution equipment, Divers Support Equipment,...)

COMMAND & CONTROL

Integrated Combat System	
CMS (SCOMBA)	1
Multifunction consoles	4
Large screen display	1
Tactical LAN	1
Tactical data link	1

PROPULSION PLANT

CODOE type	
Diesel engines	5,200 kW... 2
Electric motors	750 kW... 2
Shaft lines	2
CP propellers	2

COMMUNICATIONS SYSTEMS

- Integrated Communications System
Control console, Voice terminals, LAN
- Internal Communications System
Sound powered telephone system, IP telephone system, Public Address system, Entertainment system, CCTV
- External Communications System
GMDSS, MMHS, Satellite, LF/MF/HF, VHF, V/UHF

NAVIGATION SYSTEM

- Integrated Navigation System
Navigation servers, Redundant LAN, Multifunction repeaters
- Integrated Bridge
WECDIS server, ARPA console, Conning station, IPMS console, Navigation lights panel, Communications, GMDSS
- Sensors
Meteorological System, Compass, DGPS, 2 X Laser Gyro, INS, 2 X Logs, Echo sounder, AIS, TACAN

WEAPONS

Gun	76/62 mm ... 1
Weapon stations	25 mm ... 2
Decoy launchers (IR & Radar)	4
Machine guns (manual operation)	12.7 mm ... 2