



## Avante 3000 Patrol

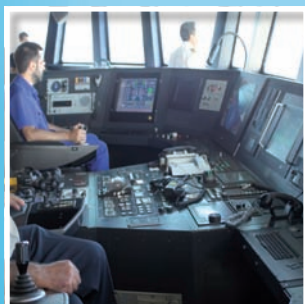


### MAIN CHARACTERISTICS

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