



45M - HIGH SPEED PATROL BOAT

GENERAL INFO

Basic Functions	High Speed Patrol Boat
Design	Macduff Ship Design Ltd. Scotland
Classification Society	Bureau Veritas (BV)
Class Notation	BVI I † HULL , Machinery, Light Ship Patrol Vessel, Sea Area 4 † AUT-UMS
Port of Registry	Bahrain
Speed	32,4 Knots
Accommodation	19 Persons

DIMENSIONS

Length Over All (LOA)	45 M
Breadth	8 M
Depth	6.4 M
Draught (Max.)	2.4 M

TANK CAPACITIES

Oil Fuel	27,7 Lt
Lube Oil	2,267 Lt
Fresh Water	24,5 Lt
Sewage	6,163 Lt
Dirty Oil	2,098 Lt
Sludge	2,301 Lt
Foam	10,4 Lt
Oily Bilge	4,45 5Lt

FIRE & SAFETY

External Fi-Fi System	600m ³ /h - 11Bar - 1800rpm - MARSIS
Fixed Fire Extinguisher	FM200, KIDDE
Fire Alarm & Detection System	DECKMA
Rescue Zone	2M length each side of Vessel with lashing ladders.
Rescue Boat	As per SOLAS requirements
Life Raft	2 x 25 persons each

NAVIGATION

Search Light	3 x SEEMATZ Each 2000W
Navigation & Communication Equipment	2 x RADAR UNITS, SPERRY MARINE ECHOSOUNDER, JRC GYRO COMPASS, SPERRY MARINE GPS Repeater, SPERRY MARINE MAGNETIC COMPASS, SPERRY MARINE EPIRB, SART - SAILOR SPEED LOG, SPERRY MARINE AIS, SAAB TALK-BACK SYSTEM SP TELEPHONE PUBLIC ADDRESS SYSTEM SOUND SURVEILLANCE SYSTEM NAV - TEX CHART PLOTTER VHF/DSC, SAILOR MF/HF RADIO TLP, SAILOR HAND HELD VHF _s , SAILOR FLEET BROADBAND (FBB), SAILOR TV ANTENNA, SAILOR

MACHINERY

Main Engines	4x CAT 3516C - 3386 BHP
Reduction Gear	ZF
Shafting & Propeller	BRUNTONS
Steering	WILLS RIDLEY
Bow Thruster	99kw SCHOTTEL
Generator	3 x CAT C6.6
Air Compressor & Air Bottle	ATLAS COPCO
Sewage Threatment Unit	HAMANN AG
HVAC (Central Airconditioning Sys.)	For All Compartments - Heinen & Hopman
HVAC (Additional Fan Coil Sys.)	For Security Staff Cabins - Heinen & Hopman

Sea Water Cooling Pump	25 m3/h 4Bar
General Service & Bilge Pump	25 m3/h 3Bar, Self Priming
General Service & Fire Pump	25 m3/h 8Bar, Self Priming
Emg. Fire / Bilge Pump	25 m3/h 8Bar, Self Priming
Sewage Discharge Pump	25-45lt/min 5-35Bar head
Dirty Oil Discharge Pump	1 m3/h 4Bar
A/C Cooling Pump	31 m3/h 2Bar
ICCP	2 Amp. CATHELCO
Engine Control Lever	REXROTH-BOSCH
Alarm & Monitoring System	MOS PLATINUM

