



GENERAL INFO	
<b>Basic Function</b>	Patrolling and Security Operations
<b>Design</b>	Macduff Ship Design Ltd.

MAIN PARTICULARS	
<b>Length Over All (LOA)</b>	45m
<b>Breadth (B)</b>	8m
<b>Depth (D)</b>	6.4m
<b>Draught (Max)</b>	2.4m
<b>Speed</b>	32.4 Knots
<b>Accommodation</b>	19 Persons

CLASSIFICATION	
<b>Class Society</b>	Bureau Veritas (BV)
<b>Class Notation</b>	BVI I ✕ Hull, Machinery, Light Ship Patrol Vessel, Sea Area 4 ✕ AUT-UMS
FIRE & SAFETY	
<b>Safety Equipment</b>	2 x 25-man inflatable Life raft
<b>External Fi-Fi System</b>	1 x 600 m <sup>3</sup> /h, 11 bar, 1800rpm 1 x remote operated monitor
<b>Fixed Fire Fighting Equipment</b>	FM200- Fire Fighting System
<b>Fire &amp; Smoke Detection Systems</b>	For E/R, Accommodation and all compartment monitored from wheelhouse & call (alarm) points at several locations' c/w general alarm system from the central alarm panel
<b>Rescue Boat</b>	As per SOLAS requirements

TANK CAPACITIES	
<b>Oil Fuel</b>	27,700 litres
<b>Lube Oil</b>	2,267 litres
<b>Fresh Water</b>	24,500 Litres
<b>Sewage</b>	6,163 litres
<b>Dirty Oil</b>	2,098 litres
<b>Sludge</b>	2,301 litres

<b>Foam</b>	10,400 litres
<b>Oily Bilge</b>	4,455 litres

MACHINERY	
<b>Main Engines</b>	4 x 2350 kW @1800rpm
<b>Bow Thruster</b>	1 x 99kw
<b>Generator</b>	3 x 170 ekW , 440V, 60Hz
<b>Air Compressor &amp; Air Bottle</b>	1 set, single stage, screw type, marine air system
<b>Sewage Treatment</b>	For 25 persons
<b>HVAC</b>	For All Compartments
<b>HVAC (Additional Fan Coil Sys.)</b>	For Security Staff Cabins
<b>Sea Water Cooling Pump</b>	25 m3/h 4Bar
<b>General Service &amp; Bilge Pump</b>	25 m3/h 3Bar, Self-Priming
<b>General Service &amp; Fire Pump</b>	25 m3/h 8Bar, Self-Priming
<b>Emg. Fire / Bilge Pump</b>	25 m3/h 8Bar, Self-Priming
<b>Sewage Discharge Pump</b>	6 m3/h 2Bar
<b>Dirty Oil Discharge Pump</b>	1 m3/h 4 Bar
<b>A/C Cooling Pump</b>	31 m3/h 2Bar
<b>ICCP</b>	2 Amp.
<b>Engine Control Lever</b>	1 set
<b>Alarm &amp; Monitoring System</b>	1 set

ACCOMMODATION & NAVIGATION	
<b>Accommodation</b>	3 x 1-man Cabin (en-suite), 1 x 2-man Cabins 2 x 3-man Cabins 2 x WC & Shower Galley & Mess-Room
<b>Air Condition</b>	Central air handling unit for single duct system.

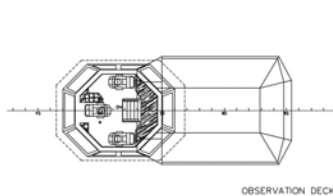
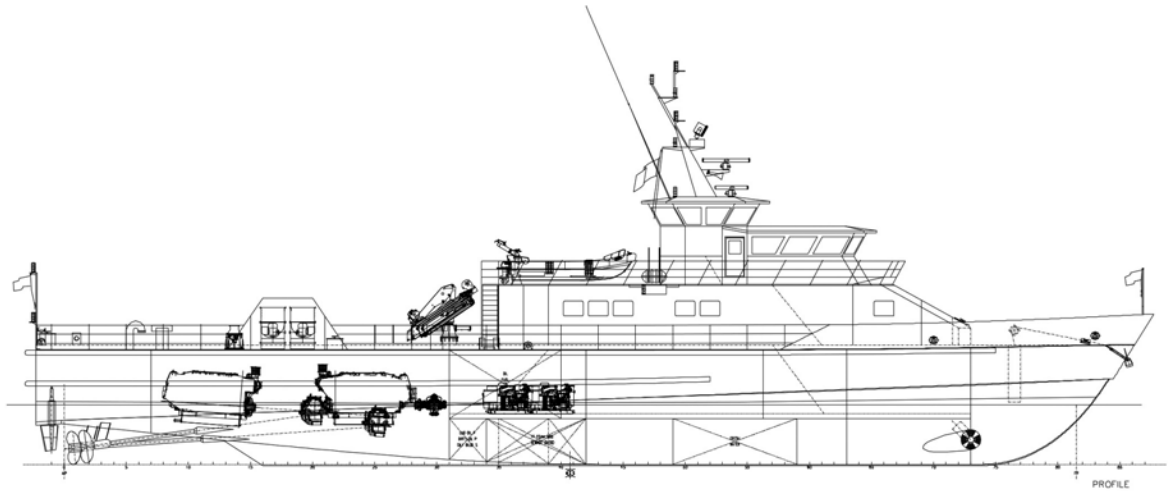
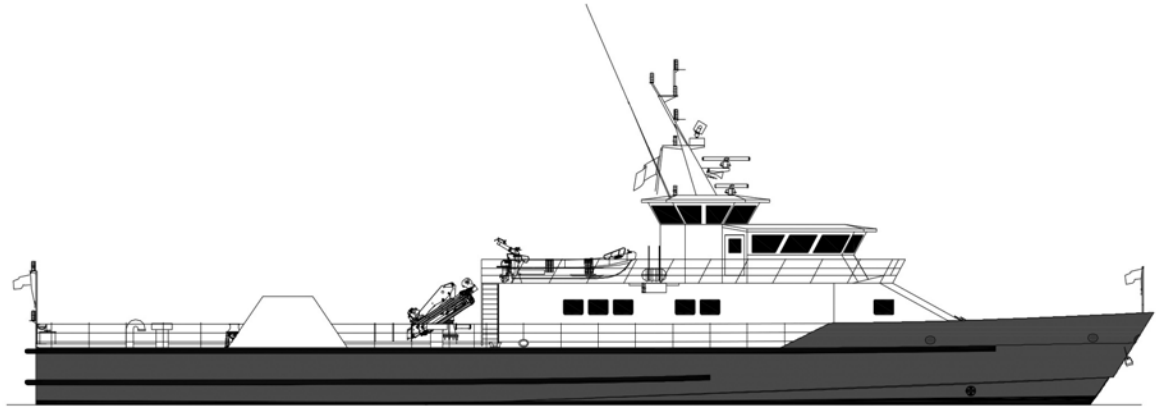


	Cooling Capacity :160 kW
<b>Chairs (Helmsman)</b>	1 x Helmsman 1 x Navigator 3 x Security Watchman
<b>Search Light</b>	2 x 2000 W 1 x 1000 W
<b>Navigation &amp; Communication Equipment</b>	2 x Radar 1 x Gyro Compass 1 x Magnetic Compass 1 x DGPS 1 x AIS 1 x Echosounder 1 x Speed log 1 x Wind Speed 1 x BNWAS 2 x VHF/DSC 1 x MF/HF 3 x GMDSS Handheld VHF 1 x EPIRB 1 x SART 1 x NAVTEX 1 x FBB 4 x Portable UHF 1 x Weather Fax 1 x Talkback system 1 x PA System 1 x VSP Set 1 x Sound Surveillance System 1 x Automatic Telephone System

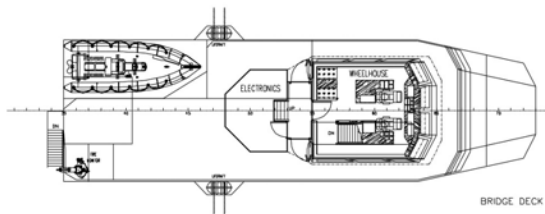


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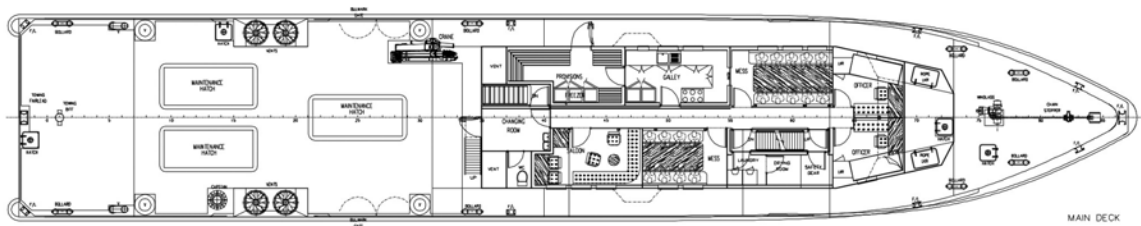
# 45M OFFSHORE PATROL BOAT



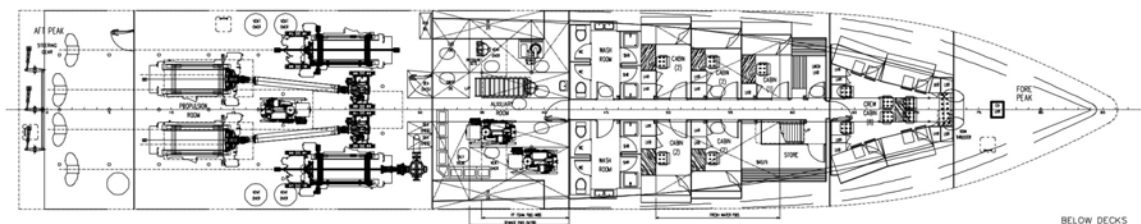
OBSERVATION DECK



BRIDGE DECK



MAIN DECK



BELOW DECKS