

45 METER

FAST PATROL BOAT

MILITARY VESSEL

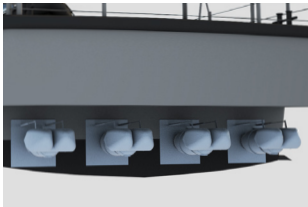


Swiftships proposed 45 Meter Fast Patrol Boat (FPB) is an all Steel Hull with Aluminum Super Structure (181.70 LT Half Load, 197.43 LT Full Load) with Top Speed of 40Knots and 1500NM @ 12 knots with a pedigree of 17 copies build in accordance with American Bureau of Shipbuilding (ABS) and High Speed Craft (HSC).

The Fast Patrol Boat is built to contain and conquer Fast Attack Craft and Fast Inshore Attack Craft threats. It is built using state of the art, high quality components with a 25-year life cycle. The 45 Meter Fast Patrol Boat is a highly survivable and lethal surface vessel.

SPECIFICATIONS

LOA	147 feet 6 inches (45 meters)
Beam	27 feet (8.23 meters)
Draft	6 feet 6 inches (1.98 meters)
Fuel Capacity	9,000 gallons (32,800 liters)
Potable Water	1000 gallons (3,785 liters)
Range	1,500 nautical miles
Speed (Maximum, full load)	40 knots
Crew/Officers	30/7



MACHINERY

- Main Engines: Four (4) MTU 16V2000M94 marine diesel engines
- Propulsors: Four (4) Hamilton HT 810 Water Jets
- Generators: Two (2) Caterpillar C9 - 200 kW
- Emergency Generator: 50 KW for critical loads

ELECTRONICS

- (1) Radar, X band w/ ARPA – Furuno 2127
- (1) Radar, S band w/ ARPA – Furuno 2127
- (1) Gyrocompass – Sperry
- (1) Pelorus
- (1) Bridge compass – Ritchie SP-5B
- (1) Ring Laser Gyrocompass – Safra Sagem
- (1) Autopilot – Simrad AP70
- (1) Depth sounder – Furuno RD33
- (1) Speed Log
- (1) DGPS – Simrad MX612
- (1) ECDIS – Furuno FMD 3200
- (1) AIS - Furuno FA170
- (1) General Intercom System – Zenitel 740
- (1) Mobile (Manpack) HF unit
- (1) HF Transceiver – R&S XK2100L
- (1) HF Receiver – R&S EK2000
- (2) Data encryptors (GFE option)
- (2) VHF/UHF Radio transceivers
- (2) VHF/UHF tactical radio – R&S M3SR
- (1) VHF – Icom IC-M605
- (1) VHF/UHF Scanner – Icom
- (8) VHF handheld – Standard Horizon HX400
- (1) Weather Fax – Furuno 408
- (1) Wind speed direction indicator - Young
- (1) Loud Hailer system
- (1) Under Water Telephone – Wartsila or equal
- (1) Sound Powered Phone system
- (1) Gunner SPP system
- (1) Satellite Communication System
- (1) GMDSS – Furuno RC 1815 A3
- (1) EO - FLIR M500

COMBAT SYSTEM

- Rheinmetall C2 system
- Rheinmetall ISS/EWMS
- Rheinmetall Mass-1L Chaff Launcher
- Integrated Data Link (Link 11/16)

WEAPONS

- One (1) Aselsan 25mm Gun System (bow)
- One (1) Semi-Auto gun aft of bridge
- Four (4) 12.7 mm guns w/ mounts
- Two (2) MG-1A3