

MILITARY VESSEL

35 METER FAST PATROL VESSEL



LOA

115'
(35.06m)

BEAM

23' 9.5"
(7.25m)

DRAFT

4.5'
(1.5m)

SPEED

35+ knots
(normal load)

RANGE

1,500 nautical miles
(12 knots)

OTHER SPECS

Potable Water: 500 gal. (1,890 L)
Fuel Capacity: 7,500 gal. (28,400 L)

OVERVIEW

The 35 Meter Fast Patrol Vessel (FPV) is a modern, robust, and efficient FPV with a capability to operate in all major areas around the world with conditions up to sea state 6 (survival) at the best heading and full operational capability in sea state 4. The FPV high quality design focuses on its reliability of operation and ease of maintenance while using the highest quality components with a 20-year life cycle. The hull and superstructure are constructed of all-welded aluminum alloy in accordance with ABS HSNC regulations. The hull includes 7 watertight bulkheads forming 8 watertight compartments. The boat runs on #2 diesel fuel and can be refueled at sea using side-by-side procedures. The FPV's high speed, excellent maneuverability, and its sophisticated command and weapon systems are designed to respond to dispersed and persistent security threats such as terrorism, piracy, smuggling, illegal immigration, and other threats of this nature.

MACHINERY

- **Main Engine:** Three (3) MTU 16V2000 M94, rated at 2600 HP
- **Generators:** Two (2) 99 kW generators
- **Propulsors:** Three (3) FP Propellers

ARMAMENT

- Weight, Space and Power reserved for installation of Surface to Surface Missile (SSM)
- One (1) Aselsan 25 mm Gun System STOP (200 rds/min)
- Two (2) Mk 93 50 caliber mounts w/ MK16 tripod

ELECTRONICS

- Integrated Bridge System (IBS)
- Two (2) Navigation Radar (X&S band)
- ECDIS
- Gyro compass
- Magnetic compass
- Speed Log
- DGNSS (GPS system)
- Echo sounder
- EOIR thermal imager
- Multifunction Displays
- (1) Autopilot
- (1) AIS
- (2) HF/SSB radios
- (1) VHF/UHF Tactical Radio
- (4) Handheld VHF units
- (1) Intercom system
- (1) Sound powered phone system
- (1) GMDSS

MNGMT. SYSTEM

- Integrated Navigation System
- C-Flex Patrol Integrated Tactical Command System
- Tactical Situational Awareness
- Integrated EOS Control
- Integrated Weapon Control

RESCUE BOAT

- One (1) 5 meter RHIB capability with fast launching and retrieval system