

MILITARY VESSEL

# 35 METER FAST PATROL VESSEL



## LOA

115'  
(35.06m)

## BEAM

23' 9.5"  
(7.25m)

## DRAFT

4.5'  
(1.5m)

## SPEED

40+ knots  
(normal load)

## RANGE

3,000 n.m.  
(5,556 km)

## 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 condition(s) up to sea state 6 survival at the best heading and fully operational capability at sea state 4. The FPV high quality design focuses on its reliability of operation and ease of maintenance while using topnotch components with a 10-year cycle. The hull and superstructure are constructed of all-welded aluminum alloy in accordance with ABS HSNCR regulations. The hull includes 7 watertight bulkheads forming 8 watertight compartments. The boats run on #2 diesel fuel and can be refueled at sea using side-by-side procedures. The FPV's fast speed, high maneuverability, and sophisticated command and weapon systems are designed for surface warfare, coastal defense, and responding 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 2450 HP
- **Generators:** Two (2) 99 kW generators
- **Propulsors:** Three (3) FP Propellers

## RESCUE BOAT & RAMP

- One (1) 7 meter RHIB capability with fast launching and retrieval system

## SPECIAL OPTIONS

Vessel acquisition programs can include 90 days onboard, 2 years onshore and 2 years spare parts, CONUS and/or in-country maintenance and repair training, portable self-contained maintenance facilities and follow-on technical assistance in-country.

## ELECTRONICS

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

## MNGMT. SYSTEM

- MSYNACS-Synapsis Tactical Command System (Raytheon)
- Integrated Navigation System
- Integrated Tactical Command Sys.
- Tactical Situational Awareness
- Data Link (Fleet Link)
- Integrated EOS Control
- Integrated Weapon Control
- Conning (Data for Command) of ship

## ARMAMENT

- One (1) Raytheon Griffin Missile System with two (2) quad launchers
- One (1) Aselsan 30mm Gun System SMASH (200 rds/min)
- Two (2) Mk 93 50 caliber mounts w/ MK16 tripod