

## PATROL BOAT

### PROJECT 12300 MISSILE-ARTILLERY BOAT DERIVATIVE



project 12300

#### DESIGNATION

The boat is designed for guarding the sea state border, inland seas, territorial waters, for law enforcement on shipping routes, for guarding coastal service lines, for protection of vessels, and offshore installations from attacks, for countering terrorism and piracy, for interdiction of smuggling, drug trafficking, illegal immigration, for rules and regulations enforcement in EEZ, for protection of natural resources, for meeting an armed aggression from surface or air, for supporting search-and-rescue operations, for rescuing crews and passengers in distress due to wreckage of aircraft, vessels, boats or other vehicles, for ensuring environmental safety.

#### BASIC PERFORMANCE

Displacement, t	about 600
Dimensions, m	about 60 x about 10.3
Speed, kt	about 30 (with diesel propulsion) /about 35 (with diesel-gas turbine propulsion)
Endurance, days	15
Range, nm	about 3,500



## **PATROL BOAT**

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#### **MAIN MACHINERY**

- 3 x 20V 4000 M93L MTU diesels or
- 1 x M70FRU gas turbine engine and
- 2 x 20V 4000 M93L MTU diesels

#### **MISSILE**

- 1 x station for firing MANPADS (for Igla-type systems)

#### **ARTILLERY**

- 1 x 57mm A-220M gun (400 rounds) or
- 1 x 30mm AK-630M gun (2000 rounds)

#### **FIREARMS**

- 2 x 14.5mm machineguns (500 rounds)

#### **AVIATION**

- 1 x Ka-226-type helicopter, stored in a hangar

#### **ELECTRONIC EQUIPMENT**

- 1 x Furke-E or Pozitiv-ME1.2 radar
- 1 x MP-405-1E EW suite
- 2 x 67R items
- 1 x Sigma-E combat management system

#### **NAVIGATION**

- 1 x Gorizont-25 integrated navigation system
- 1 x PGM-C-009 gyro compass
- 1 x Kama-NS system
- 1 x KM115-3 magnetic compass
- 1 x LEM2-M magnetic log

#### **COMMUNICATIONS**

- 1 x Buran-E automatic communications suite
- Communications systems complying with GMDSS requirements
- Internal communications and public announcement systems
- Visual communication and surveillance systems