**GENERAL**

**BASIC FUNCTIONS**
- Border and EEZ surveillance
- Counter piracy and smuggling
- Counter drugs- and weapons trafficking
- SAR
- Fishery inspection
- Disaster relief
- Logistic support

**CLASSIFICATION**

100A1, LMC, UMS “Patrol Vessel”

**DIMENSIONS**

- LENGTH O.A.: 90.00 m
- BEAM MLD.: 14.18 m
- DEPTH MLD.: 7.00 m
- DRAUGHT (DESIGN): 4.00 m
- DISPLACEMENT: 2400 t

**TANK CAPACITIES**

- FUEL OIL: approx. 250 m³
- FRESH WATER: approx. 50 m³, in addition to FW gen.plant

**PERFORMANCES**

- TRIAL SPEED (MAX.): 23.0 kn
- ENDURANCE AT 12 KN: 6000 nm, 40 days

**SEAKEEPING**

- FULLY OPERATIONAL SURVIVING
- STABILITY SYSTEM

**PROPULSION SYSTEM**

- MAIN ENGINES: 4 x 2350 kW each
- PROPELLER: 2 x CPP, diam. 3000 mm, 1 x FPP, E-motor, 450 kW
- BOW THRUSTER: 1 x 500 ekW, 1 x 150 ekW

**AUXILIARY EQUIPMENT**

- POWER GENERATION
- EMERGENCY GEN. SET

**OPERATIONAL CAPACITIES**

- Spacious bridge, separate OPS room for surveillance and gun control.
- Flight deck, hangar and refuelling for helicopter size up to Sea King or NH90.
- Wave compensated davits (up to sea state 5) for 2x 9.0 m interceptors / boarding boats (+35 kn speed).
- Fore ship incl. store crane facilities.
- Below-deck spaces - multi-role or dedicated - for accommodation of survivors or embarked forces, storage of mission equipment and packaged goods.
- Aft deck space for 2 containerized mission modules.
- Meeting room, briefing room, flight office and ship’s office.

**ACCOMMODATION**

- Fully heated and air-conditioned accommodation for 60 crew in single, double and four berth bedrooms, mess rooms, recreation area, galley, laundry, gymnasium and sickbay with treatment and recovery area for 4 pers.

**NAUTICAL AND COMMUNICATION EQUIPMENT**

- Radio equipment according to GMDSS rules for Area A3 incl. Satcom C and F77, UHF and HF receivers.
- Nautical equipment incl. Integrated bridge system with X and S-band radars, ECDIS, Gyro, DGPS, Speedlog, Autopilot, Echo sounder, Navtex etc.

**ARMAMENT AND SENSORS**

- Main gun up to 76 mm on fore ship
- Secondary guns, 2x 20 mm
- Medium range surv. radar
- E/O fire control sensor
- The vessel is fitted for required armament and sensors, and fitted with the necessary ammunition stores, data/electrical support systems

**SAFETY, SURVIVABILITY**

- Survivability to either DDS 079, 2-compartment damage stability, or IMO stability req., + Special Purpose Ship-code damage stability if applicable.
- Main engines and generator sets distributed over 2 separate engine rooms.