**FCS 3307- PATROL**

**GENERAL**
- **Hull material**: Aluminium
- **Superstructure material**: Aluminium
- **Basic functions**: Fast supplier / Crew boat / Patrol duties / Maritime safety / Securing economical Waters & coastal boundaries / Search and rescue
- **Classification**: Bureau Veritas

**DIMENSIONS**
- **Length overall**: 34.2 m
- **Beam overall**: 7.3 m
- **Depth at sides**: 3.3 m
- **Draught max**: 2.5 m
- **Deadweight max**: Up to 65.0 t
- **Cargo deck area**: 75.0 m²
- **Deck load**: 2.5 t/m²
- **Deck cargo**: 20.0 t
- **Gross tonnage**: 168
- **Crew**
  - **Up to 6 persons**
  - **(Security) personnel**
  - **Up to 14 persons**

**TANK CAPACITIES**
- **Fuel oil**: 60.3 m³
- **Fresh water**: 18.1 m³
- **Sewage**: 4.9 m³
- **Bilge water/ dirty oil**: 1.4 m³

**PERFORMANCES**
- **Speed**: Up to 30.0 kn
- **Range at max speed**: 1,700 nm

**PROPULSION SYSTEM**
- **Main engines**: 3x Caterpillar / MTU
- **Total Power**: Up to 3,580 kW
- **Gearboxes**: 3x Reintjes WVS series
- **Propulsion**: 3x Fixed pitch propellers
- **Bow thruster**: 1x 75 kW, hydraulically driven

**ELECTRICAL EQUIPMENT**
- **Network**: 24V DC, 230V/400V 50Hz AC
- **Generator sets**: 2x 51.5 ekW

**Note**: Delivery of vessel and/or equipment may be export controlled

**DECK LAY-OUT**
- **Anchor equipment**: 1x 105 kg HHP Pool TW, chain, electric winch
- **Fendering**: Aluminium fender on deck level, heavy duty rubber fender transom corners and tyre fender at sides

**SHIP SYSTEMS**
- **Ship systems are according to Class**
- **Fuel filtration**: 1x Non-self-cleaning dynamic separator
- **Engine room ventilation**: 2x Supply fan, 38.000 m³/hr in total
- **A/C conditioning**: Up to 220,000 BTU/hr
- **Fire extinguishing**: Stat-X in engine room

**ACCOMMODATION**
- **Bridge deck**: Wheelhouse
- **Main deck**: Personnel cabins, mess, sanitary spaces
- **Lower deck**: Mess, galley, crew cabins, sanitary spaces, store

**NAUTICAL AND COMMUNICATION EQUIPMENT**
- **Integrated navigation system**
- **Remote monitoring system**
- **Searchlight**: 1x
- **Radar**: 1x X-band
- **Electronic chart**: 1x Non-ECDIS
- **GPS**: 1x
- **AIS**: 1x
- **Compass**: 1x Magnetic, 1x GPS
- **Autopilot**: 1x
- **Echo sounder**: 1x
- **Internal communication**: Intercom, loudhailer
- **External communication**: GMDOSS A2
- **Weather system**: 1x

**OPTIONAL**
- **Aft deck covering**: Wood
- **Bilge water separator**: 1x 0.5 m³/hr
- **Fuel filtration**: Additional (non-)self-cleaning dynamic separator
- **Fuel consumption monitoring system**
- **Fresh water maker**
- **Sewage treatment plant**
- **Hoisting equipment**: Foldable deck crane
- ** Davit system and daughter craft**
- **External f/f system**: 180 m³/hr
- **Accommodation**: Aft steering position, treatment room, survivors’ space, office, additional food store
- **Various navigation equipment**
- **External communications**: GMDOSS A3
- **Data communication**: Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system
- **Ballistic protection**: Wheelhouse, main deck mess, with steel plates/glass
- **Night vision camera**
FCS 3307- PATROL
STANDARD

Items marked with \( \) are optional equipment