FCS 4008 - PATROL
STANDARD

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

DIMENSIONS
Length overall: 41.2 m
Beam overall: 8.7 m
Depth at sides: 3.9 m
Draught max: 3.0 m
Deadweight max: Up to 180.0 t
Cargo deck area: 140.0 m²
Deck load: 2.5 t/m²
Deck cargo: 100.0 t
Gross tonnage: 270
Crew: Up to 6 persons
(Security) personnel: Up to 16 persons

TANK CAPACITIES
Fuel oil: 116.0 m³
Fresh water: 33.5 m³
Sewage: 1.8 m³
Bilge water/ dirty oil: 2.0 m³

PERFORMANCES
Speed: Up to 30.0 kn
Range at max speed: Up to 2,100 nm

PROPELLSION SYSTEM
Main engines: 4x Caterpillar / MTU
Total Power: Up to 6,500 bkW
Gearboxes: 4x Reintjes WVS series
Propulsion: 4x Fixed pitch propeller
Bow thruster: 1x 120 ekW, electrically driven

ELECTRICAL EQUIPMENT
Network: 24V DC, 240V/415V 60Hz AC
Generator set(s): 2x 99.0 ekW

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

DECK LAY-OUT
Anchor equipment: 1x 138 kg SHHP Pool TW, chain, electric winch
Fendering: Steel fender on deck level, heavy duty rubber fender at transom corners, tyre fender at sides and transom

SHIP SYSTEMS
Ship systems are according to Class
Fuel filtration: 1x Non-self-cleaning dynamic separator
Engine room ventilation: 2x Extraction fan, 31,000 m³/hr in total
Air-conditioning: Up to 285,000 BTU/hr
Fire extinguishing: Stat-X in engine room

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

NAUTICAL AND COMMUNICATION EQUIPMENT
Integrated navigation system
Remote monitoring system
Searchlight: 2x
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: GMDSS A2
Wind measuring system: 1x

OPTIONAL
Classification: Fire Fighting Ship 1 with water spray
Containerized accommodation unit
Aft deck covering: Wood
Bilge water separator: 1x 0.5 m³/hr
Fuel consumption monitoring system
Sewage treatment plant
Hoisting equipment: Foldable deck crane
Davit system and daughter craft
External fire fighting: 2x 1,200 m³/hr remote controlled monitor, water spray, foam tank
Accommodation: Aft steering position, treatment room, survivors' space, office, additional food store
Various navigation equipment
Night vision camera
CCTV system
External communication: GMDSS A3
Data communication: 4G, V-SAT, Fleet Broadband, Iridium, Wi-Fi system, LAN system
Ballistic protection: Wheelhouse, mess, with steel plates/glass
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