FAST CREW SUPPLIER 5009

GENERAL
Hull material: Steel
Superstructure material: Aluminium
Basic functions: Crew and cargo duties
Classification: Bureau Veritas
I X Hull •MACH
Crew Boat
Sea Area 4

DIMENSIONS
Length overall: 53.2 m
Beam overall: 10.1 m
Depth at sides: 4.7 m
Draught max: 3.5 m
Deadweight max: Up to 325 t
Cargo deck area: 240.0 m²
Deck load: 2.5 t/m²
Deck cargo: 250.0 t
Gross tonnage: 454
Crew: Up to 8 persons
(Industrial) personnel: Up to 80 persons

TANK CAPACITIES
Fuel oil: 168.1 m³
Fresh water: 28.4 m³
Liquid cargo: 173.1 m³
Sewage: 7.2 m³
Bilge water/ dirty oil: 2.6 m³

PERFORMANCES
Speed: Up to 27.0 kn
Range at max speed: Up to 3,100 nm

PROPULSION SYSTEM
Main engines: 4x Caterpillar / MTU
Total Power: Up to 6,750 bkW
Gearboxes: 4x Reintjes WVS series
Propulsion: 4x Fixed pitch propeller
Bow thruster: 2x 75 kW, electrically driven

ELECTRICAL EQUIPMENT
Network: 24V DC, 240V/415V 60Hz AC
Generator sets: 2x 99 kW

DECK LAY-OUT
Anchor equipment: 1x 184 kg VHHP Pool TW, steel wire cable, hydraulic winch
Aft deck covering: Wood
Fendering: Steel fender on deck level, heavy duty rubber fender at transom corners, tyre fenders at sides and transom

SHIP SYSTEMS
Ship systems are according to Class
Fuel filtration: 1x Non-self-cleaning dynamic separator
Engine room ventilation: 2x Supply fan, 72,000 m³/hr in total
Air-conditioning: Up to 285,000 BTU/hr
Fresh water cargo pump: 1x 70 m³/hr at 6.3 bar
Fuel cargo pump: 1x 70 m³/hr at 6.3 bar
Fire extinguishing: Novec 1230 in engine room

ACCOMMODATION
Bridge deck: Wheelhouse, aft steering position
Main deck: Personnel area, luggage store, sanitary spaces
Lower deck: Mess, pantry, crew cabins, sanitary spaces, store

NAUTICAL AND COMMUNICATION EQUIPMENT
Integrated navigation system
Remote monitoring system
Seaschlight: 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
Weather system: 1x

OPTIONAL
Classification: Fire Fighting Ship 1 with water spray, Dynapos AM, Dynapos AM R
Containerized accommodation unit
Firefighting equipment: Foldable deck crane
Davit system and rescue boat
External fire fighting: 2x 1,200 m³/hr remote controlled monitor, water spray, foam tank
Personnel accomm: Alternative seats (VIP), alternative layout
Various navigation equipment
Dynamic Positioning system (redundant)
External communication: GMDSS A3
Data communication: Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system
Night vision camera
CCTV system