

Fast Crew Supplier 5009 – search and rescue

STANDARD



PICTURE OF SIMILAR VESSEL

GENERAL

Hull material	Steel
Superstructure material	Aluminium
Basic functions	Patrol duties, maritime safety, securing economical waters, search and rescue
Classification	Bureau Veritas I ✱ Hull • MACH Light Ship / Fast Patrol Boat Sea Area 4 Fire-fighting 1, water spray

DIMENSIONS

Length overall	53.2 m
Beam overall	10.1 m
Depth at side	4.7 m
Draught max	3.5 m
Deadweight max	Up to 310.0 t
Multi mission deck area	240.0 m ²
Deck load	2.5 t/m ²
Deck cargo	240.0 t
Gross tonnage	454
Crew	Up to 24 persons

TANK CAPACITIES

Fuel oil	168.1 m ³
Fresh water	28.4 m ³
Liquid cargo	138.2 m ³
Sewage	7.2 m ³
Foam	30.8 m ³
Bilge water/ dirty oil	2.6 m ³

PERFORMANCES

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

PROPULSION SYSTEM

Main engines	4x Caterpillar / MTU
Total Power	Up to 6,712 kW
Gearboxes	4x Reintjes WVS-series
Propulsion	4x Fixed pitch propellers
Bow thruster	2x 75 kW, electrically driven

ELECTRICAL EQUIPMENT

Network	24V DC, 240V/415V 60Hz AC
Generator sets	3x 99 kW

DECK LAY-OUT

Anchor equipment	1x 184 kg VVHP Pool TW, steel wire cable, hydraulic winch
Fendering	Steel fender on deck level, heavy duty rubber fender at transom corners, tyre fenders at sides and transom

SEARCH AND RESCUE CAPABILITIES

Transport	Large multi-function deck area for survivors, containerized capabilities, fuel and water supply
Rescue	Daughter craft, Jason cradle, helicopter winching area, stretcher
Search	Night vision camera, 2x Search light, ECDIS with SAR function
External Fire Fighting	2x 1,200 m ³ /hr remote controlled monitor, water spray, foam tank

ACCOMMODATION

Bridge deck	Wheelhouse
Main deck	Lounge, pantry, office, cabins, sanitary spaces, stores
Lower deck	Galley, mess room, cabins, sanitary spaces, stores

NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation System	Integrated Navigation console with autopilot and ECDIS
Navigation sensors	X-band radar, DGPS, AIS, echo sounder, compass, weather station
Internal communication	Telephone, public address, CCTV
External communication	GMDSS A3, Satellite Communication

OPTIONAL

Drone launch and recovery	
Accommodation unit on aft deck (mission space, hospital, survivors' shelter)	
Bilge water separator	
Fresh water maker	
Sewage treatment plant	
Towing bit with hook	
Hoisting equipment	Foldable deck crane up to 140 Tm
Davit(s)	2x, with painterline boom
Daughter craft in Davit	2x RHIB or FRSQ (up to 10m)
Medical services	Sickbay for emergency medical services
Cargo pump	2x 70 m ³ /hr at 6.3 bar (for fuel and fresh water)
Additional communication equipment	
Alternative layout main deck or lower deck	
Stern diver's platform, diving equipment	
Other options on request	

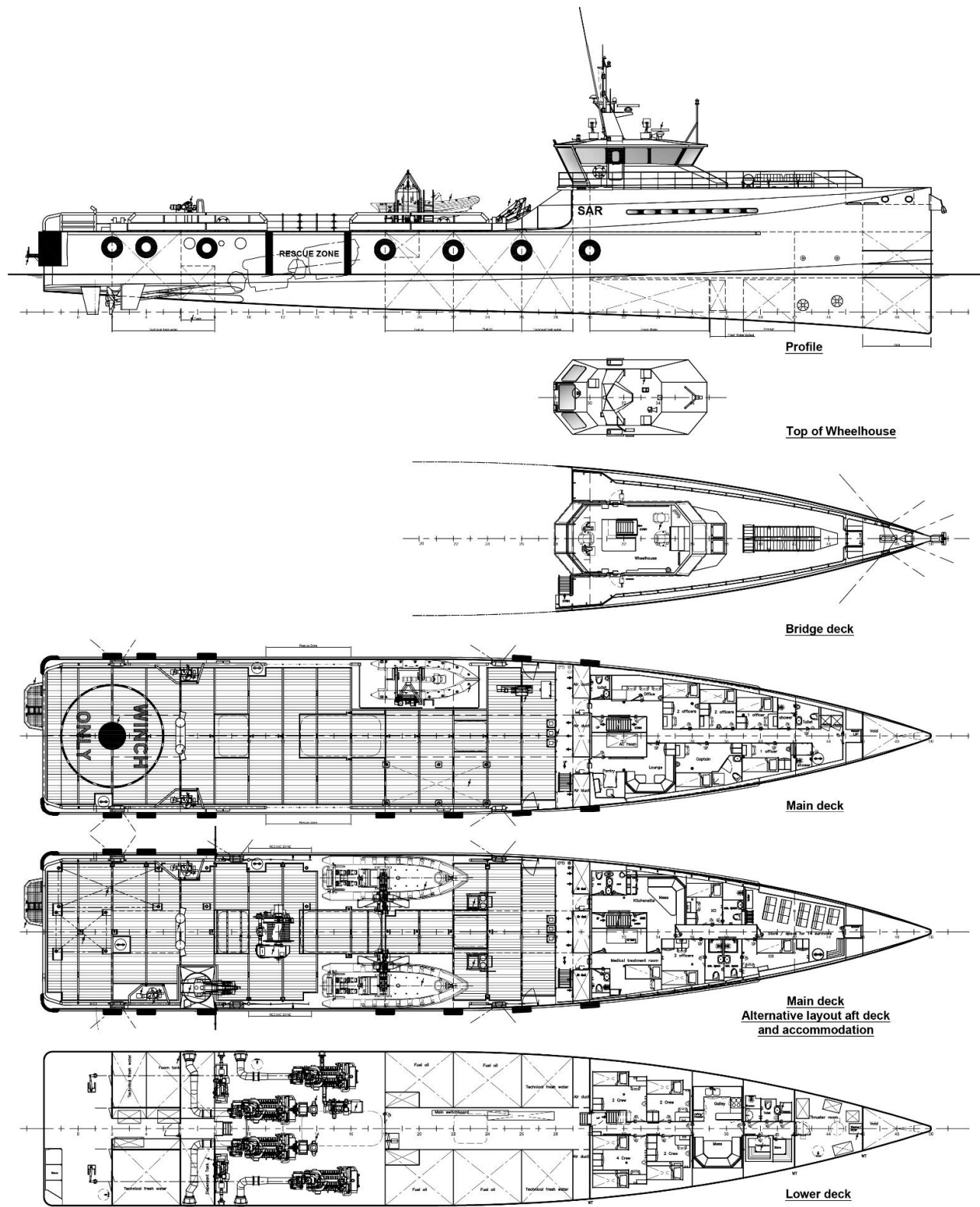
Note:

Delivery of vessel and/or equipment may be export controlled

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