

FAST CREW SUPPLIER 5009 - PATROL

STANDARD



PICTURE OF SIMILAR VESSEL

GENERAL

Hull material	Steel
Superstructure material	Aluminium
Basic functions	Fast supplier / Patrol duties / Maritime safety / Securing economical waters & coastal boundaries / Search and rescue
Classification	I * Hull •MACH Light Ship / Fast Patrol Boat Sea Area 4

DIMENSIONS

Length overall	53.2 m
Beam overall	9.8 m
Depth at sides	4.7 m
Draught max	3.5 m
Deadweight max	Up to 325.0 t
Multi mission deck area	225 m ²
Deck load	2.5 t/m ²
Deck cargo	250,0 t
Gross tonnage	454
Crew	Up to 8 persons
(Security) personnel	Up to 16 persons

TANK CAPACITIES

Fuel oil	169.9 m ³
Fresh water	28.6 m ³
Liquid cargo	169.0 m ³
Sewage	7.1 m ³
Bilge water / dirty oil	2.6 m ³

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 6,712 bkW
Gearboxes	4x Reintjes WVS series
Propulsion	4x Fixed pitch propeller
Bow thruster	2x 75 ekW electrically driven

ELECTRICAL EQUIPMENT

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

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

DECK LAY-OUT

Anchor equipment	1x 184 kg SHHP 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

SHIP SYSTEMS

Ship systems are according to Class	Class
Fuel Filtration	Filter separator CJC PTU3 27/54
Bilge water separator	1x 0.5 m ³ /hr
Engine room ventilation	2x Supply fan, 72,000 m ³ /hr in total
Air-conditioning	Up to 285,000 BTU/hr
Fire extinguishing	Novec 1230 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 1000 W
Radar system	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

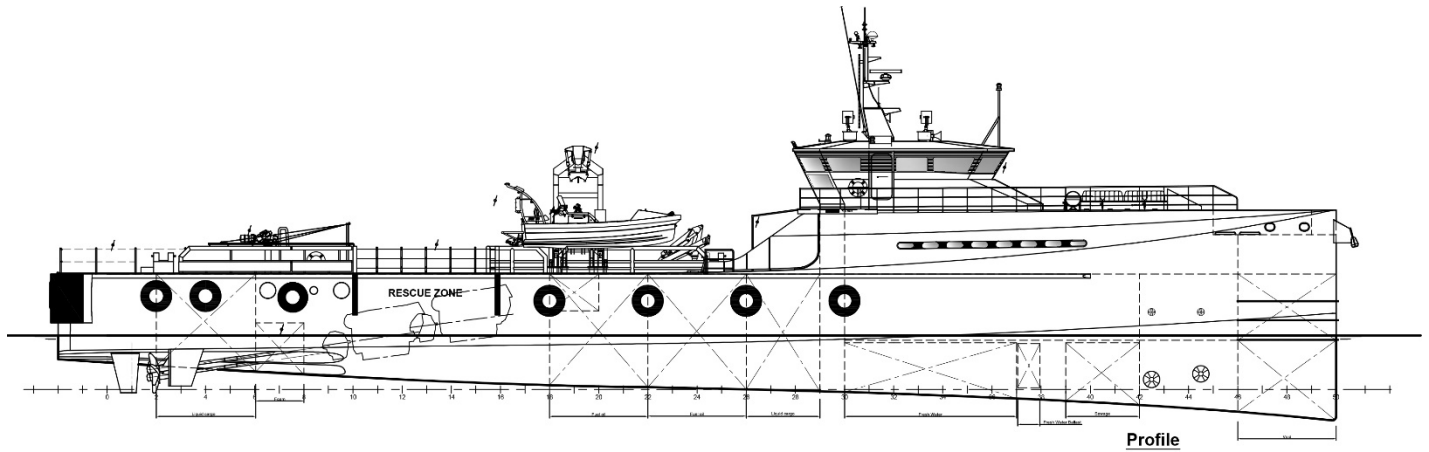
OPTIONAL

Classification	Fire Fighting Ship 1 with water spray, Dynapos AM, Dynapos AM R
Containerized accommodation unit	
Fuel consumption monitoring system	
Aft deck covering	Wood
Sewage treatment plant	
Hoisting equipment	Foldable deck crane
Davit system and daughter craft	
Cargo pump	2x 70 m ³ /hr at 6.3 bar (for fuel and fresh water)
External fire fighting	2x 1,200 m ³ /hr remote controlled monitor, water spray, foam tank
Accommodation	Aft steering position, treatment room, survivors' space, office, additional food store
Various navigation equipment	
Dynamic Positioning system (redundant)	
External communication	GMDSS A3
Data communication	Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system
Ballistic protection	Wheelhouse, mess, with steel plates/glass
Night vision camera	Various types
CCTV system	

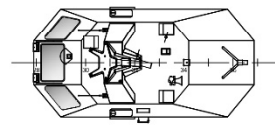
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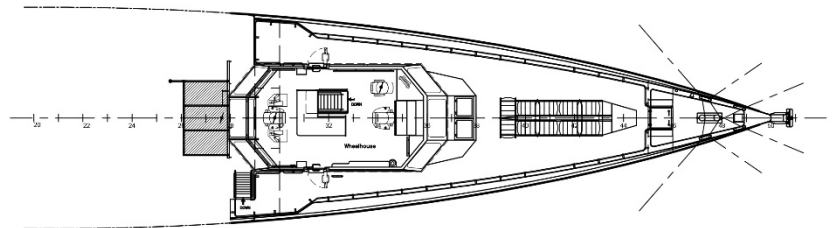
STANDARD



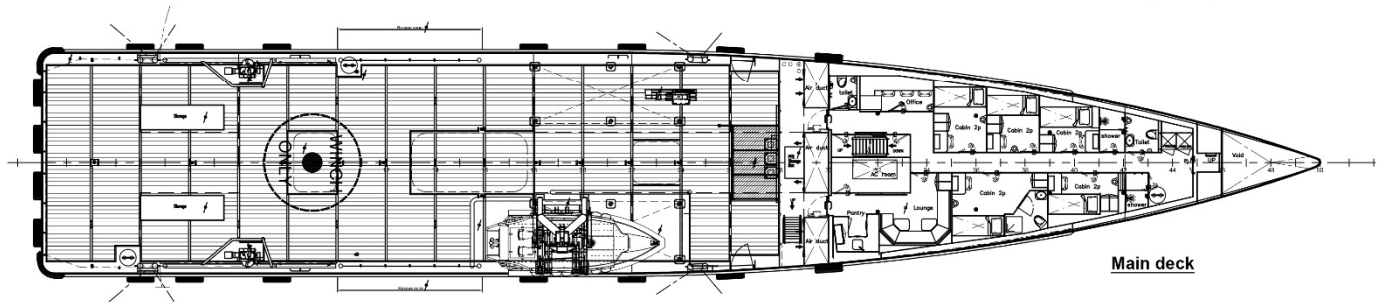
Profile



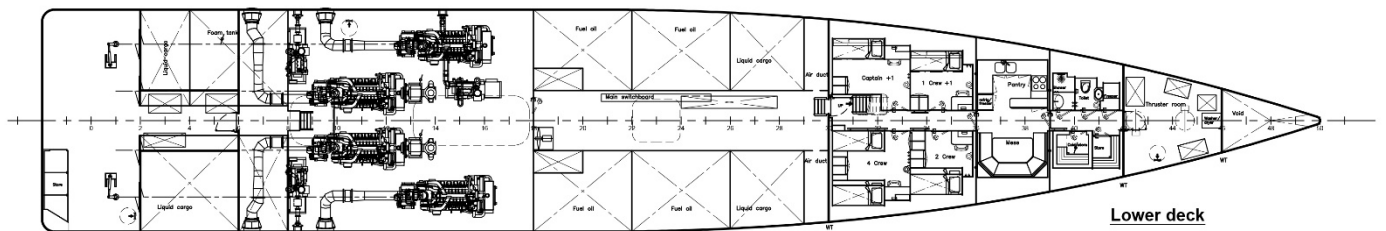
Top of Wheelhouse



Bridge deck



Main deck



Lower deck

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