

Stan Patrol 5009

SEARCH AND RESCUE



PICTURE OF SIMILAR VESSEL

GENERAL

Hull material	Steel
Superstructure material	Aluminium
Basic functions	Search and Rescue, Patrol duties, maritime safety, securing economical waters
Classification	Bureau Veritas I ✱ Hull • MACH • AUT UMS Light Ship / Fast Patrol Boat Sea Area 4

DIMENSIONS

Length overall	50.1 M
Beam overall	9.4 M
Depth at side	4.3 M
Draught max	3.5 M
Gross tonnage	479
Crew	Up to 28 persons
Survivors	Up to 75 persons

TANK CAPACITIES

Fuel oil	60.8 m ³
Fresh water	26.6 m ³
Waste water (black)	9.3 m ³
Waste water (grey)	9.4 m ³
Bilge water / dirty oil	4.9 m ³

PERFORMANCES

Speed	Up to 29.5 kn
Range at cruising speed (12kn)	Up to 2,900 nm

PROPULSION SYSTEM

Main engines	2x Caterpillar / MTU
Total Power	Up to 9,400 kW
Gearboxes	4x Reintjes WVS series
Propulsion	4x controllable pitch propellers
Bow thruster	2x 110 kW hydraulically driven

ELECTRICAL EQUIPMENT

Network	24V DC, 230V/400V 50Hz AC
Generator sets	3x 150 kW

DECK LAY-OUT

Anchor equipment	1x HHP Pool TW, chain, electric winch
Slipway	

SHIP SYSTEMS

Ship systems are according to Class	
Fuel filtration	1x Filter separator
Engine room ventilation	2x extraction fans, up to 70,000 m ³ /hr total capacity
Air conditioning	Up to 470,000 BTU/hr
Fire extinguishing	Fixed system in engine room
Roll reduction	Hydraulically driven stabilizer fins

SEARCH AND RESCUE CAPABILITIES

Transport	Large multi-functional aft deck with containerized capabilities Multi-function room for up to 75 seated survivors, stores and rescue gear
Medical services	Treatment room for emergency medical services
Rescue	Daughter craft, Jason cradle, helicopter winching area
Search	Electro Optical System, search light
External Fire fighting	1x remote control fire monitor
Other	Emergency towing

ACCOMMODATION

Bridge deck	Wheelhouse
Main deck	Cabins, sanitary spaces, galley, mess rooms, stores, wet gear room
Lower deck	Cabins, sanitary spaces, stores

NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation System	Integrated Navigation console with Autopilot and ECDIS
Navigation sensors	X-band and S-band radar, GNSS, AIS, Echosounder, Speedlog, magnetic compass, gyro compass, weather station
Internal communication	Intercom, public address, CCTV
External communication	GMDSS A3

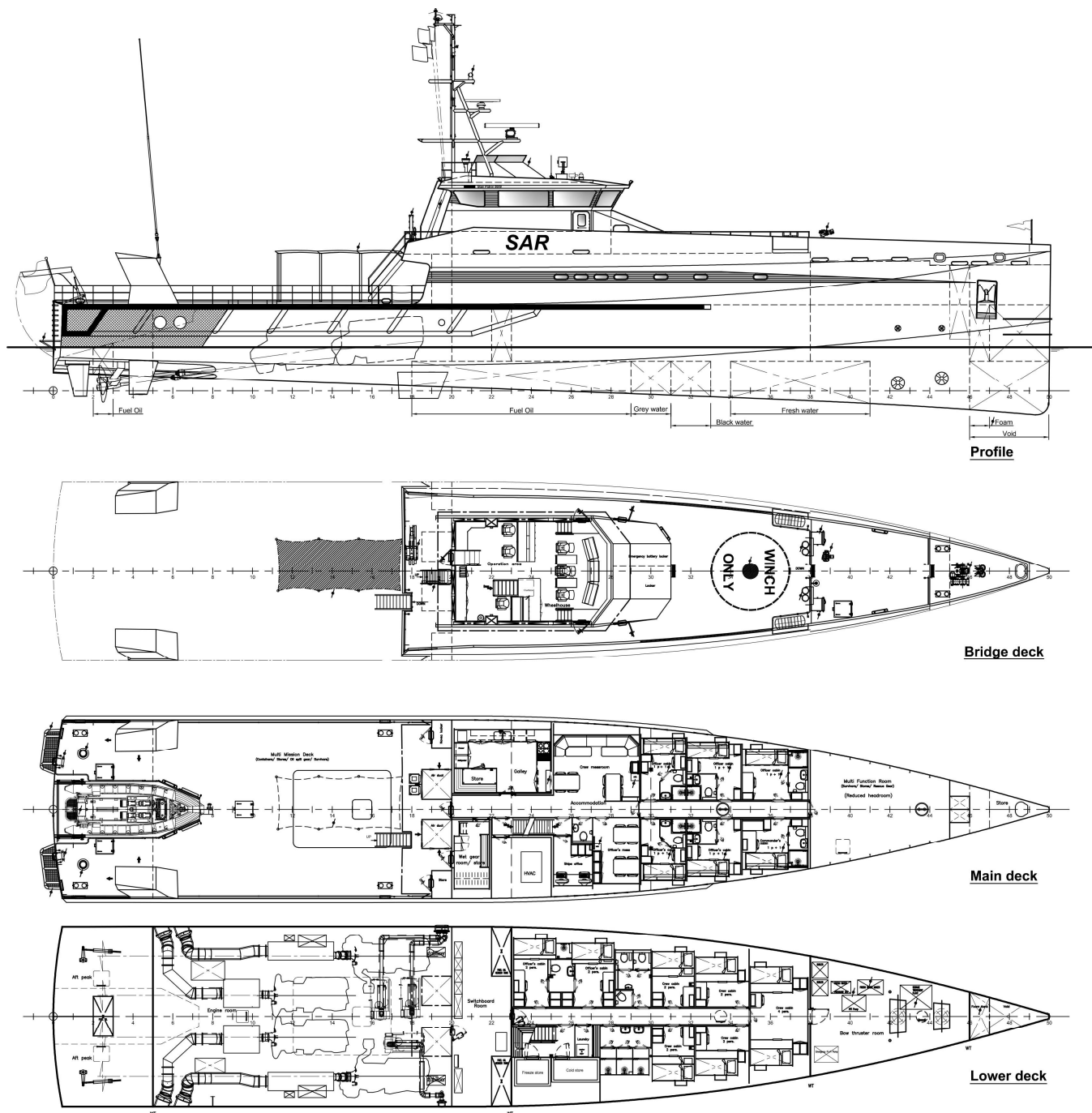
OPTIONAL

Flying bridge	
UAV / USV launch and recovery	
Bilge water separator	
Fresh water maker	
Sewage treatment plant	
Electrical network	110V / 440V 60 Hz AC
Foldable deck crane	
Davit(s)	With painterline
Interceptor(s)	Damen DI 1102, 54 knots
External fire-fighting	With foam up to FIFI 1
Medical Room	Up to 2 critical care and 6 low care positions
Data communication	Fleet Broadband, V-SAT
Stern diver's platform and diving equipment	
Alternative layout main deck or lower deck	

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

Stan Patrol 5009

SEARCH AND RESCUE



Items marked with  are optional equipment

DAMEN

Damen.com

©This product sheet is designed to inform about Damen and its product(s). All data presented is preliminary and subject to changes. No rights can be derived from this information with regard to dimensions, characteristics or performances of any of the products shown. Damen is not liable for the consequence of taking on the information from the product sheet. The entire contents of this product sheet (text, drawings, photos, etc.) is copyrighted and may not be reproduced or distributed without the specific written permission of Damen.