

# Stan Patrol 5509

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 • AUT UMS Light Ship / Fast Patrol Boat Sea Area 4

### DIMENSIONS

Length overall	57.4 m
Beam overall	9.5 m
Depth at side	4.4 m
Draught max	3.3 m
Gross tonnage	565
Crew	Up to 30 persons

### TANK CAPACITIES

Fuel oil	84.2 m <sup>3</sup>
Fuel oil daughter craft	5.7 m <sup>3</sup>
Fresh water	11.4 m <sup>3</sup>
Waste water (black)	8.1 m <sup>3</sup>
Waste water (grey)	13.7 m <sup>3</sup>
Bilge water / dirty oil	4.6 m <sup>3</sup>

### PERFORMANCES

Speed	Up to 28.0 kn
Range at cruising speed (13kn)	Up to 3,400 nm

### PROPULSION SYSTEM

Main engines	2x MTU
Total Power	Up to 8,600 bkW
Gearboxes	2x Reintjes LAF-series
Propulsion	2x controllable pitch propellers
Bow thruster	2x 110 ekW, electrically driven

### ELECTRICAL EQUIPMENT

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

### 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 fan, in total 44,000 m <sup>3</sup> /hr
Air conditioning	Up to 470,000 BTU/hr
Fire extinguishing	Novec 1230 in engine room
Roll reduction	Hydraulically driven stabilizer fins

### ACCOMMODATION

Bridge deck	Wheelhouse
Main deck	Crew cabins, sanitary spaces, galley, mess rooms, stores, office
Lower deck	Crew cabins, sanitary spaces, stores

### NAUTICAL AND COMMUNICATION EQUIPMENT

Integrated nav system	1x
Searchlight	1x
Radar	1x X-band, 1x S-band
Electronic Chart	1x ECDIS
GPS	1x DGPS
AIS	1x
Compass	1x Magnetic, 1x Gyro
Autopilot	1x
Echo sounder	1x
Speed log	1x
Internal communication	Intercom and public address system
CCTV system	1x
External communications	GMDSS A2
Weather system	1x

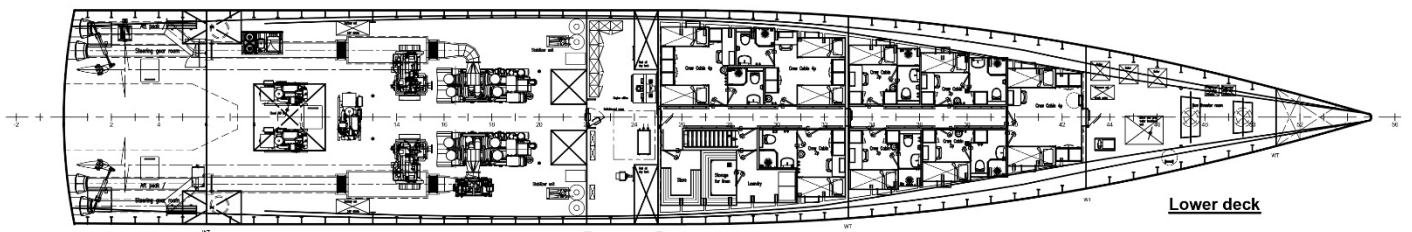
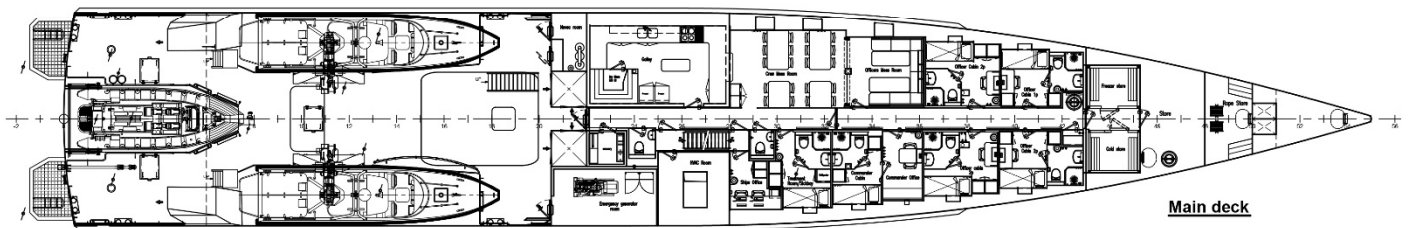
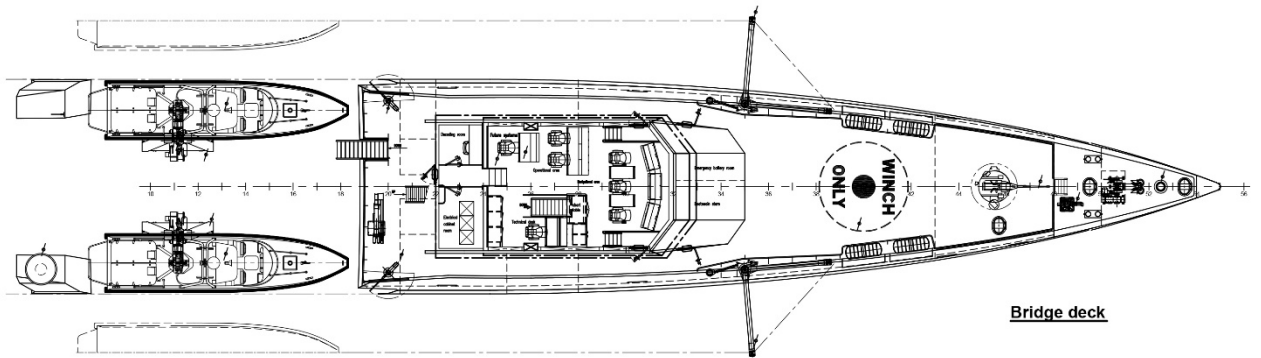
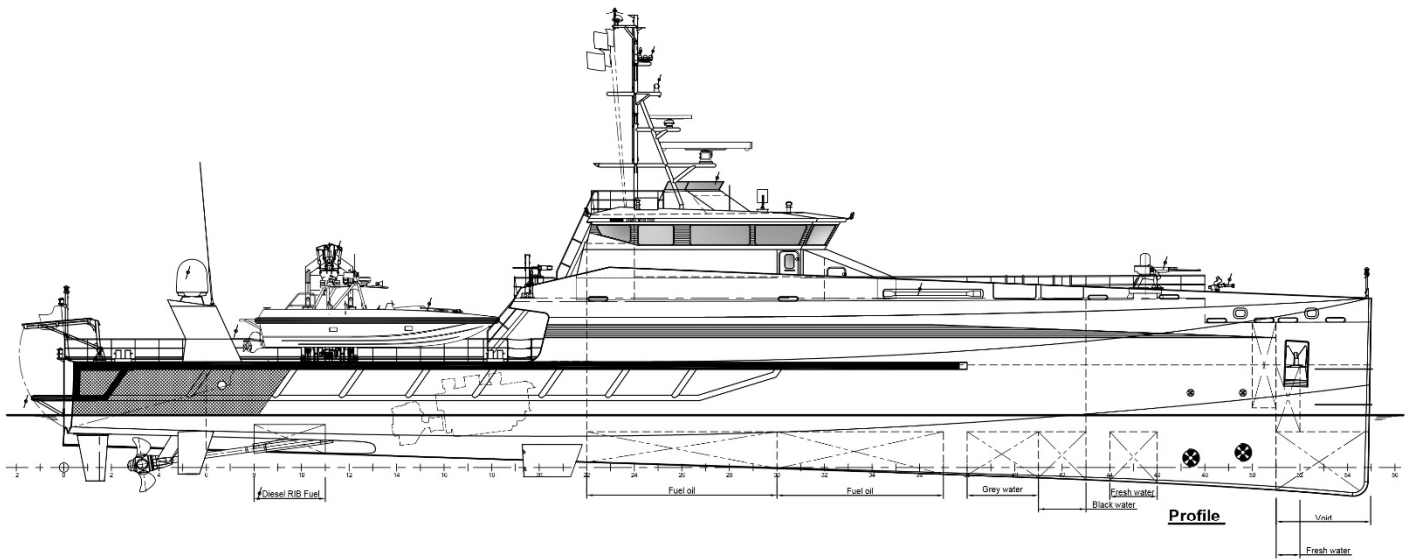
### OPTIONAL

Flying bridge	
Bilge water separator	
Fresh water maker	
Sewage treatment plant	
Additional AC capacity	650,000 BTU/hr
Electrical network	110V / 440V 60 Hz AC
Foldable deck crane	
Slipway RHIB	7.5m, >30 knots
Davit(s)	With painterline boom
Interceptor(s)	Damen DI 1102, 54 knots
External fire-fighting	With foam
Second searchlight	
Night vision camera	
External communication	GMDSS A3
Data communication	Fleet Broadband, V-Sat, Remote Monitoring
Military equipment / ballistic protection	
Alternative layout main deck or lower deck	

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

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