



# DAMEN STAN PATROL® 6011

## "SEA AXE"

### GENERAL

HULL MATERIAL  
SUPERSTRUCTURE  
BASIC FUNCTIONS

Steel  
Aluminium  
Patrol duties, maritime safety,  
securing economical waters, search  
and rescue in EEZ

CLASSIFICATION

Bureau Veritas  
I ✳ Hull ✳ Mach AUT-UMS  
Light Ship/ Fast Patrol boat  
Sea area 4

### DIMENSIONS

LENGTH O.A. 60.00 m  
BEAM O.A. 11.25 m  
DEPTH AT SIDES 5.40 m  
DRAUGHT MAX 4.20 m

### CAPACITIES

FUEL OIL 180.00 m<sup>3</sup>  
FRESH WATER 34.30 m<sup>3</sup>  
BILGE WATER 7.50 m<sup>3</sup>  
WASTE WATER 15.00 m<sup>3</sup>  
CREW 22 persons  
SPECIAL PERSONNEL 16 persons  
VIP 2 persons

### PERFORMANCES

SPEED 26.5 knots  
CRUISING SPEED 15.0 knots  
RANGE 4,500 nm. at 15 knots

### PROPULSION SYSTEM

MAIN ENGINES 4x 16V4000 M73L 1B rating  
TOTAL POWER 11520 bkW  
GEARBOXES 4x Reintjes WVS 1540  
PROPULSION 4x Fixed pitch propellers  
BOWTHRUSTERS 2x 150 bkW

### ELECTRICAL EQUIPMENT

NETWORK 24V, 240 V/415V 60 Hz a.c.  
GENERATOR SETS 3x 203 ekW, 254 kVA  
EMERGENCY GENERATOR 1x 72 ekW, 90.0 kVA

### DECK LAY-OUT

ANCHOR EQUIPMENT 2x 495 kg HHP according to class  
ANCHOR WINCH 2x Electric driven  
DAUGHTER CRAFT 2x Damen Interceptor 1102 in A-frame davit  
RESCUE BOAT 1 x rescue boat with SOLAS davit

### LIFE SAVING EQUIPMENT

LIFE RAFTS 4x 20 persons  
LIFE JACKETS 80 persons  
FIRE EXTINGUISHING Hand operated fire extinguishers. Fixed Fi-Fi  
System in engine room (Novec 1230)  
Water/foam monitor  
EXTERNAL FIRE FIGHTING

### AUXILIARY EQUIPMENT

STABILIZERS Quantum QC 2200  
ENGINE ROOM VENTILATION 2x 29,000 m<sup>3</sup>/hr  
GENERAL SERVICE PUMPS Electrically driven, 415V, Azcuc CA 50/7A  
BILGE WATER SEPARATOR 0.5 m<sup>3</sup>/hr  
FUEL SEPARATOR Alfa laval P615  
SEWAGE SYSTEM DVZ-JZR-25  
WATERMAKER Max. 8 m<sup>3</sup>/24hr

### ACCOMODATION

BELOW MAIN DECK 8x 2pax SP cabins, laundry, 5x crew cabins  
MAIN DECK Hospital, galley, mess/dayroom crew,  
mess/dayroom SP, 2 vip cabins, 2 senior  
cabins  
FIRST DECK Radio room, officers mess/dayroom, 3 officers  
cabins and captain cabins  
AIR CONDITIONING 500,000 BTU

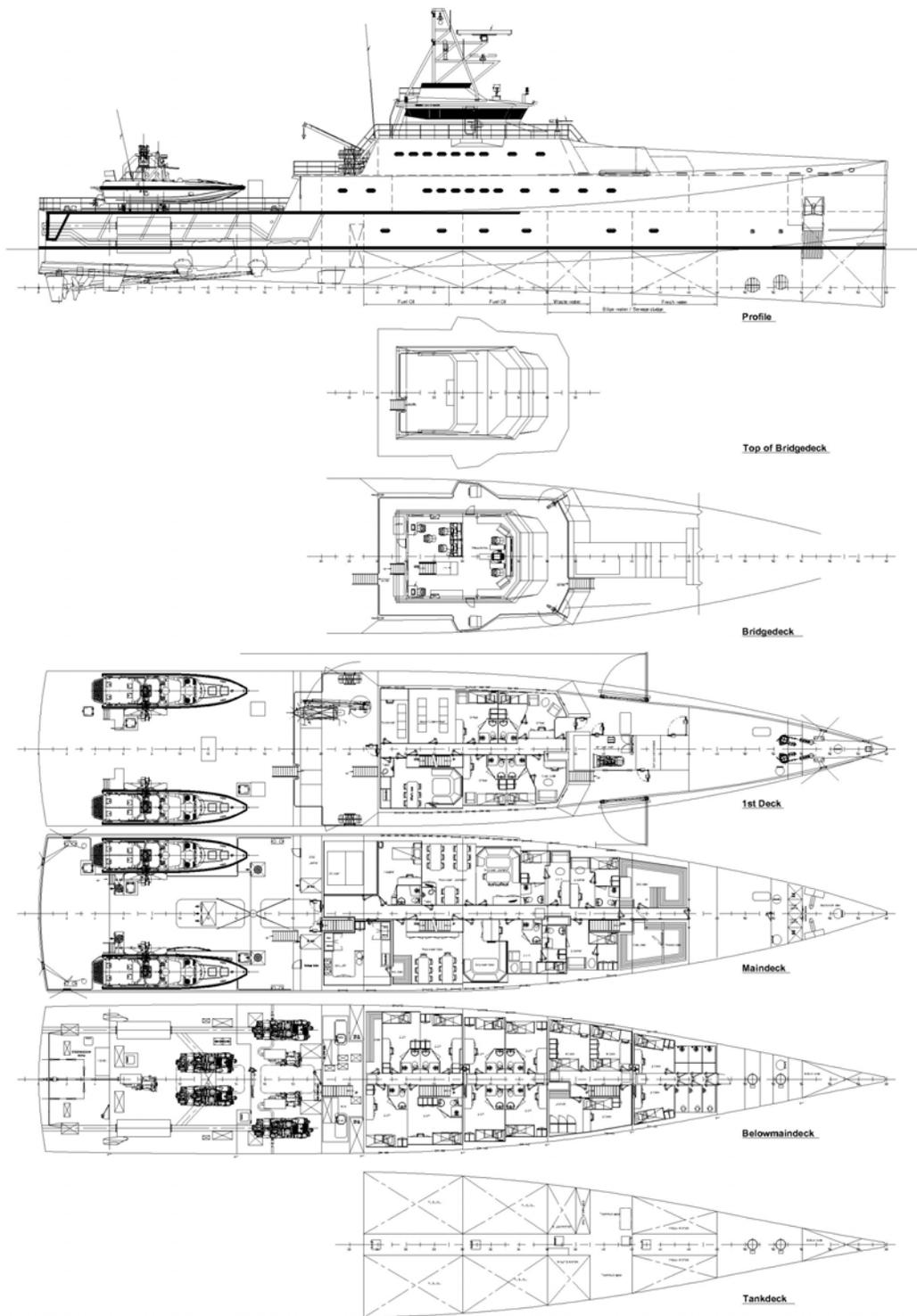
### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

SEARCHLIGHT 1x 1000 Watt 230 V  
COMPASS Gyro, magnetic, fiber optic  
RADAR X + S band  
AIS AIS or W-AIS  
GPS/ DGPS 2x  
INTERNAL COMMUNICATION Intercom , loudhailer and CCTV system,  
soundpowered phone  
EXTERNAL COMMUNICATION According GMDSS A3  
SEVEROL ECDIS, speedlog, VLF, echo sounder, meteo  
ect.

### VARIOUS

Vessel can be delivered with a wide range of armory.

NOTE: SOME ITEMS IN THIS SPECIFICATION ARE OPTIONAL. SPECIFICATION AND GENERAL ARRANGEMENT CAN BE CHANGED WITH OUT NOTICE.



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## DAMEN

DAMEN SHIPYARDS GORINCHEM

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