



DAMEN OFFSHORE PATROL VESSEL 1400

GENERAL

BASIC FUNCTIONS

Border and EEZ surveillance
 Counter piracy and smuggling
 Counter drugs- and weapons trafficking
 SAR
 Fishery inspection
 Disaster relief
 Logistic support
 ✕100A1, ✕LMC, UMS "Patrol Vessel"

CLASSIFICATION

DIMENSIONS

LENGTH O.A.	72.00 m
BEAM MLD.	12.70 m
DEPTH MLD.	6.20 m
DRAUGHT (DESIGN)	3.75 m
DISPLACEMENT	1470 t

TANK CAPACITIES

FUEL OIL	approx. 180m ³
FRESH WATER	approx 50m ³ , in addition to FW gen.plant

PERFORMANCES

TRIAL SPEED (MAX.)	21.0 kn
ENDURANCE AT 12 KN	4000 nm, 25 days

SEAKEEPING

FULLY OPERATIONAL SURVIVING STABILITY SYSTEM	Up to and including SS 6 Sea State 9 and wind bf 12 Active fin stabilizing system
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PROPULSION SYSTEM

MAIN ENGINES	4x 1765 kW each
PROPELLER	2x CPP, diam. 2800 mm
BOW THRUSTER	1x FPP, E-motor, 250 kW

AUXILIARY EQUIPMENT

POWER GENERATION	2x 400 ekW
EMERGENCY GEN. SET	1x 100 ekW

OPERATIONAL CAPACITIES

Spacious bridge, separate OPS room for surveillance and gun control. Flight deck, telescopic hangar and refuelling for helicopter size up to Lynx Wildcat or Kaman SH-2G Super Seasprite. 2x 9.0 m interceptors / boarding boats (+35 kn speed). One is handled by a wave compensated davit (up to sea state 5). The other is launched /retrieved from a transom slipway with visor door, of which over 25 are in service on Damen-built vessels. Below-deck spaces - multi-role or dedicated - for accommodation of survivors or embarked forces, storage of mission equipment and packaged goods. Aft deck space for 1 containerized mission modules. Meeting /briefing room and ship's office.

ACCOMMODATION

Fully heated and air-conditioned accommodation for 35 crew in single, double and four berth bedrooms, mess rooms, recreation area, galley, laundry, gymnasium and sickbay with treatment and recovery area for 4 pers.

NAUTICAL AND COMMUNICATION EQUIPMENT

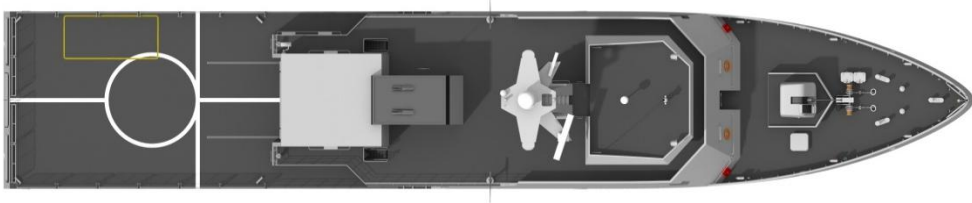
Radio equipment according to GMDSS rules for Area A3 incl. Satcom C and F77, UHF and HF receivers. Nautical equipment incl. Integrated bridge system with X and S-band radars, ECDIS, Gyro, DGPS, Speedlog, Autopilot, Echo sounder, Navtex etc.

ARMAMENT AND SENSORS

Main gun up to 76 mm on fore ship
 Secondary guns, 2x 12.7 mm
 Medium range surv. radar
 E/O fire control sensor
 The vessel is fitted for required armament and sensors, and fitted with the necessary ammunition stores, data/electrical support systems

SAFETY, SURVIVABILITY

Survivability to either DDS 079, 2-compartment damage stability, or IMO stability req., + Special Purpose Ship-code damage stability if applicable. Main engines and generator sets distributed over 2 separate engine rooms.



Vessel shown with hangar
in extended position.

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DAMEN

DAMEN SHIPYARDS GORINCHEM

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