

Offshore Patrol Vessel 1400



▶ PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions Offshore Patrolling, Search & Rescue, Border and EEZ surveillance and control, Logistic support, Fire-fighting operations at sea

Classification Bureau Veritas
I, * HULL, * MACH, Special Service / Offshore Patrol Vessel, Unrestricted Navigation, * AUT-UMS, ALM.
Special service notations: COMF-Noise 2, COMF-VIB 2PK

DIMENSIONS

Length o.a.	72.00 m
Length b.p.p.	69.20 m
Beam mld.	12.70 m
Depth mld.	6.20 m
Draught summer (base)	3.75 m
Displacement (summer, approx.)	1440 t

TANK CAPACITIES (APPROX.)

Ballast water	150 m ³
Fuel oil (service)	122 m ³
Potable water (service)	50 m ³
Sewage	10 m ³

PERFORMANCES (APPROX.)

Maximum speed (at design draught)	20.0 kn
Range	4600 nautical miles
Endurance (full complement)	16 days
Bollard Pull	30 ton (metric)

PROPULSION SYSTEM

Main engines	4x 3512C DI-TA (C-Rating)
Propulsion power	4x 1765 bkW @ 1800 rpm
Propellers	2x 2800 mm, CPP
Bow thruster	1x 200 kW, fixed pitch propeller (frequency drive)

AUXILIARY EQUIPMENT

Networks	440V, 60Hz, 3 phases 220/115V, 60Hz, single phase 24V DC
Main generator sets	3x Caterpillar C9, each 250 ekW @ 1800 rpm
Emerg. generator set	1x Caterpillar C4.4, 95 ekW @ 1800 rpm

DECK LAY-OUT

Anchor mooring winch	1x electric-hydraulic, with two warping heads
Capstans	2x hydraulic, each 3 t pull
Store crane	1x hydraulic, 1 ton @ 6 metre (harbour)
Towing winch	1x hydraulic, 15 ton pull, 50 ton brake
Sea boats	2x 9 metre, 25 knots, water jet driven
Rescue boat (RHIB)	1x SOLAS approved, outboard engine driven
External fire-fighting	2x 300 m ³ /hr (max.), water/foam

ACCOMMODATION

(Senior) officers	12
Petty officers	36
Ratings	18
	Medical treatment room + 2 berth ward/recovery room
	Air conditioned accommodation with separate mess rooms for officers and crew, gymnasium, laundries.

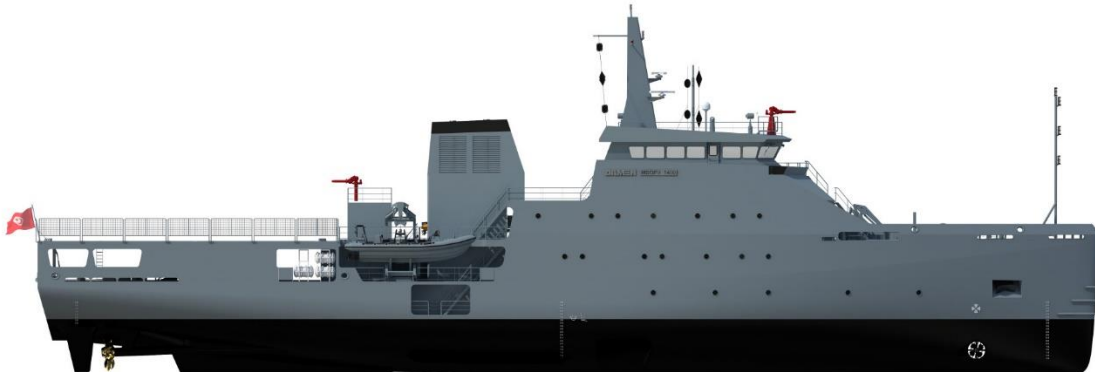
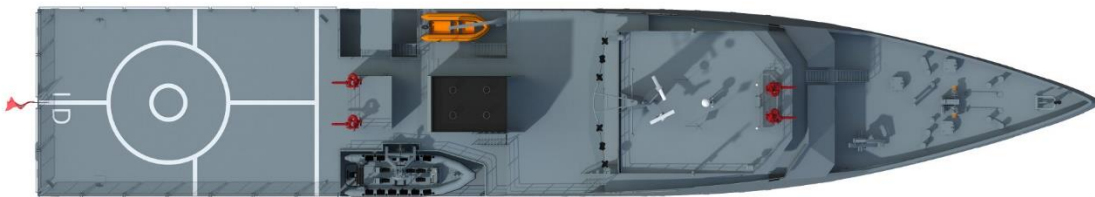
NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	2x X-band (6-feet scanner)
GMDSS	Area A3
Nautical / navigation equipment	ECDIS DGPS Magnetic compass Gyro compass Autopilot Echo sounder Speed log

HELICOPTER FACILITIES

Flight deck	Suitable for 5.5 ton helicopter
D-size (maximum overall length)	17.4 meter
Flight deck facilities	For day & night operations Foam fire-fighting system with 2 monitors

Offshore Patrol Vessel 1400



DAMEN

Damen.com

©No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Shipyards Group