

OPV 2200 Military



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-CCS, ✱ AUT-DPS, ✱ ALM. Special service notations: COMF-Noise 3, COMF-VIB 3, MANOVR, SEA-KEEP-RAS-4(H)

DIMENSIONS

Length
Length b.p.p.
Beam mld.
Depth mld.
Draught summer (base)
Displacement

91.20 m
83.22 m
14.00 m
6.75 m
3.97 m
1915 t

TANK CAPACITIES

Ballast water
Fuel oil (service)
Potable water (service)
Sewage
AVCAT

320 m³
210 m³
50 m³
38 m³
17 m³

PERFORMANCES (APPROX.)

Maximum speed
(At design draught)
Range
Endurance (full complement)
Bollard Pull

22.5 kn
3500 nautical miles
1 month
40 ton (metric)

PROPULSION SYSTEM

Main engines
Total Power
Propulsion

4x Caterpillar 3516E (D-Rating)
4x 2525 bkW @ 1800 rpm
2x 3200 mm, CPP

AUXILIARY EQUIPMENT

Networks
Main generator sets
Emergency generator set

440V, 60Hz, 3 phases, 220/115V, 60Hz, single phase,
4x Caterpillar C9.3, each 300 ekW @ 1800 rpm
1x Caterpillar C9.3, 274 ekW @ 1800 rpm

DECK LAY-OUT

Anchor mooring winch
Capstans
Sea boats

1x electric-hydraulic, with two warping heads
2x hydraulic, each 5 t pull
1x 6.5 meter, 35 knots, outboard engine driven
1x 11.25 meter, 35 knots, outboard engine driven

Rescue boat (RHIB)
External fire-fighting

1x SOLAS approved, outboard engine driven
2x fire-fighting monitor, each 150 m³/hr (max.), water/foam

ACCOMMODATION

(Senior) officers
CPO's / Ratings

12
67
Medical treatment room + 3 berth ward/recovery room

Air-conditioned accommodation with separate mess rooms for officers and crew, gymnasium, laundries.

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems
GMDSS
Nautical / navigation equipment

2x X-band (6-feet scanner)
Area A3
(W)ECDIS
DGPS
Magnetic compass
Gyro compass
Autopilot
Echo sounder
Speed log

HELICOPTER FACILITIES

Flight deck
D-size
(Maximum overall length)
Flight deck facilities

Suitable for 5.5 tons helicopter
12.0 meter

For day & night operations
Foam fire-fighting system with 2 monitors

COMBAT SYSTEMS

General

This platform is prepared for future installation of various systems for self-defence capabilities, all GFE.

OPV 2200 Military

