

OPV 1800 Military



GENERAL

Basic functions

Border and EEZ surveillance, control and interception, SAR, humanitarian aid, logistic support

Classification

Lloyds Register ✱ 100 A1, [✱] LMC Patrol Vessel, Helideck

DIMENSIONS

Length o.a.	83.00 m
Beam mld.	13.70 m
Depth mld.	6.80 m
Draught summer	3.90 m

TANK CAPACITIES

Ballast water	150 m ³
Fuel oil (service)	220 m ³
Potable water (service)	50 m ³
Sewage	40 m ³
AVCAT	10 m ³

PERFORMANCES (APPROX.)

Speed	20.0 kn
Range @12kn	Approx. 4500 nautical miles

PROPULSION SYSTEM

Main engines	4x Caterpillar 3512C / C
Total Power	7.060 bkW @ 1800 rpm
Propulsion	2x CPP, 2800mm

ELECTRICAL EQUIPMENT

Networks	230V / 415V 50Hz and 24V DC
Generators	3x Yanmar 6AYL-WET, 400 ekW each
Emergency generator	1x Caterpillar C7.1, 163 ekW

AUXILIARY EQUIPMENT

External firefighting
Oil pollution control

2x 1200m³/hr monitors
2x Dispersant boom
Facilities for containerized oil spill set
Fresh water and fuel pumps

DECK LAY-OUT

Anchor mooring winch
Capstan
Towing hook
Deck cranes

1x electro-hydraulic winch with two warping heads
2x electric capstan, 5 ton pull
1x disc-type hook, SWL 45 ton
1x Stores crane 1.0 ton @ 10 metre
1x Stores crane 5.0 ton @ 11 metre
1x Single point davit for Interceptor
1x Launching crane 1.0 ton @ 10 metre
1x Stern ramp for RHIB
1x 4.5mtr SOLAS rescue boat
1x 8.5mtr RHIB sea boat
1x 11mtr Fast Interceptor
2x 3 persons Jet ski
1x 5.6mtr airboat

Davit
Boat handling crane
Slipway
Daughter crafts

ACCOMMODATION

Fully air-conditioned accommodation for 70 crew, 1 VIP and 20 embarked forces in multi-role compartment. Offices, stores and workspaces provided to suit all functions.

NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment	According GMDSS rules for Area A3
Navigation equipment	Integrated bridge system

HELICOPTER FACILITIES

Flight deck
Flight deck facilities

Suitable for 11 tons helicopter
Flight deck office and communication system
Helicopter Visual Approach System for day/night operations
Helicopter re- and de-fuelling system
Starting facilities

Helicopter facilities

OPTIONAL MILITARY EQUIPMENT

Communication	Tactical communication system
Surveillance	1x Electro-Optical Surveillance System
Weapons	1x 30mm remote weapon station 2x 12.7mm heavy machine gun

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