



GENERAL :

YARD NUMBER : C845-C846

DELIVERY DATE : 2013

MAIN TASKS :

Oceanic patrolling, surveillance, interception

CLASSIFICATION :

RINA Class: PC \times , Patrol, Unrestricted Navigation

DIMENSION :

Length o.a. 58,0 m
Beam o.a. 9,55 m
Full load displacement 430 ton

PROPULSION SYSTEM :

Main engines: 2 x MTU 20V4000M93L
Power: 2 x 4300 Kw @ 2100 rpm
Propellers: 2 x CPP Rolls-Royce dia. 2.3 m

PERFORMANCE :

Max. speed: 28 kn
Range: 2000 Nm

TANKS :

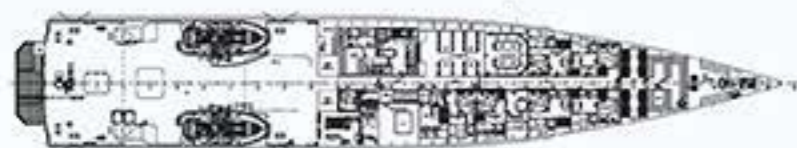
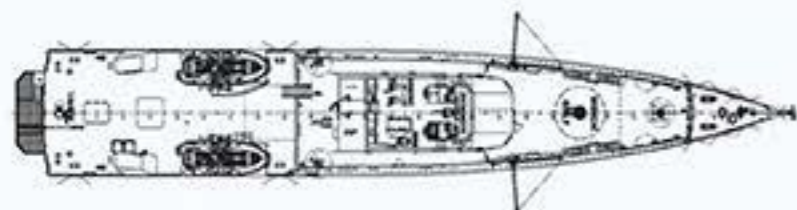
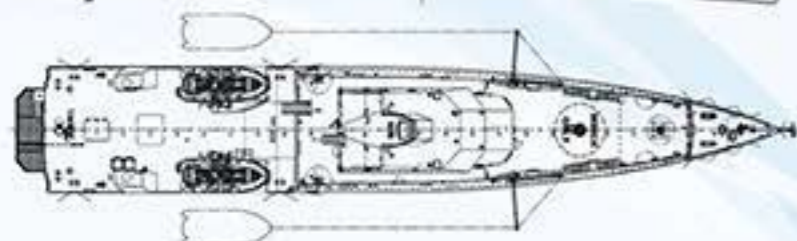
Fuel oil: 90,000 lts
Fresh water: 11,600 lts

AUXILIARIES :

Gensets: 3 x 145 Kw Caterpillar
Emergency Genset: 1 x 25 Kw Caterpillar
Service crane: SWL 750 kg @ 7 m.
Service boat: 2 x 6.5 meter Speed 33 kn

TLC AND NAVIGATION EQUIPMENT :

GMDSS A1 equipment
Optronic device
Radar X band 25 kw
Radar solid state 200 watt
Ecdis system
Command & Control system (option)



ACCOMODATION

The internal layout allows accommodation for 30 crew member with high standard of comfort for continuous on board life. The level of atmospheric and marine pollution is minimal and meets highest recognized international standards; the noise and vibration levels are in conformity with the strictest rules.



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**C845
OFFSHORE PATROL VESSEL P580**

OFFSHORE PATROL VESSEL P580

The P580 Offshore Patrol Vessel (OPV) is designed for deep sea patrolling, surveillance and interception. It is capable to remain at sea for over 20 days. The vessel, thanks to its particular hull shape, is designed to have superb stability and sea keeping qualities to operate in monsoon weather.

The operative quarters are designed and structured for the installation of ballistic protection panels (optional)



OFFSHORE PATROL VESSEL P580 : propulsion system

It consists of two marine diesel engines MTU 20V 4000 M93L with nominal power of 4300 Kw/each at 2100 rpm, coupled with gear box to twin Rolls-Royce controllible pitch propellers. Reliability and high performances are so ensured.