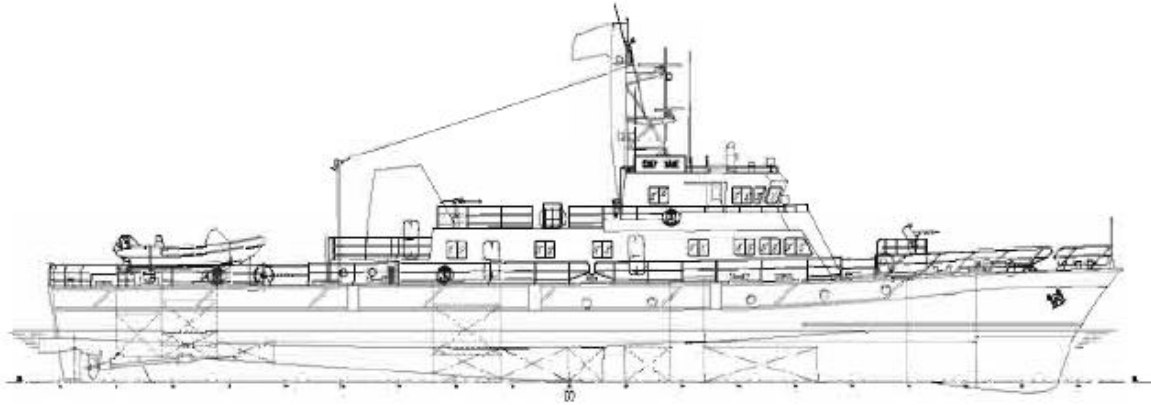




The information of Patrol Boat(Loa:47.00m)



General Description:

The vessel is to be constructed for patrolling which will be designed and built for world wide service according to this specification and requirements of the Owners.

This vessel is intended as a high sea patrol service boat for fishing inspection, survey environment protection and fire fighting and limited towing.

The vessel is of raked bow, transom stern, double engines, twin-screws, and streamlined hanging rudder. It is a high speed boat, with steel hull and aluminum superstructure.

After the completion of the ship, it will be used for patrolling in South Atlantic Ocean.

Principal Particulars:

Hull:	Steel CSA	Superstructure:	Aluminium Grade "A"
Overall length	47.00m	Full load displacement:	340.00 tons
Breadth moulded	7.60m	Navigation zone:	Unrestricted navigation area
Depth moulded	4.30m	Endurance:	21days
Design draft	2.38m	Fresh water:	20.00m ³
Speed	20.00kn	Fuel oil tank:	80.00m ³ .
Foam tank	8 m ³	Dirty water	5m ³ .
Crews:	18 Persons		

External fire fighting pump:

MU80-315; Boost length is 60m.

Mooring ropes:

3×120m, breaking load : 54 KN

Towing hawsers:

galvanized wire rope, 180m long; breaking load 111.8KN

Working boat

L=6.00 m;B=1.82m; Engine power:50hp; Passenger:6 persons;

Speed:50Kn Hydraulic crane: 2.00ton*6m

Classification Society Notation:

★ CSA ★ CSM, Mono - Hull HSC

Flag:

Angola

Main engine

Maker: MTU (German)

Type12V4000M70*2sets

Power: 1,740KW*2sets

Gearbox:

Maker: ZF (German)

Type: 4650

Rations=3.04

Generator:

Maker: YANMAR (Japan)

Type: 6HAL2-N*2sets

Rating power: 115kW*2sets

Bowthruster: 60KW;

Power: 10kN