

14M HIGH SPEED PATROL BOAT



PRINCIPAL PARTICULARS

LENGTH OVERALL: 14.30m
BEAM OVERALL: 4.10m
MAX DRAUGHT: 0.84m
MAX. RANGE: 380nm

PERSONNEL: 2 Crews+9 operators Personnel
MAXIMUM DISPLACEMENT: 15T
MISSION: Quick assault boat/ High speed interceptor
SPEED: 35kn(cruising)/45kn(max)

STRUCTURE

Hull\deck\superstructure
 All welded construction seawater resistant aluminium alloy
 Longitudinal framing

SYSTEMS

FUEL OIL

The port and starboard symmetry sets two tanks, A total of 2500L.

INTERIOR

Forepeak and cabin
 The ceiling and walls are laid with non-flammable or flame-retardant insulating materials, the wall board uses aluminum honeycomb plate, window glass is tempered safety glass. The front windscreen is equipped with a spray of water and simultaneous functions. The cabin area has vibration reduction seats, which can be customized according to customer requirements.

FIRE FIGHTING/BILGE

The engine room has two bilge pumps
 Automatic fire detecting unit

VENTILATION/AIR CONDITIONING

Two top air conditioners are installed in the cabin, Heavy-duty embedded heating and refrigeration equipment with integrated air purifiers.

ENGINE PARTS

The port and starboard set the vent to the engine room, waterproof grilles are installed at the rear of the engine room.

ELECTRICAL

220V AC power supply
 24V DC power supply
 Shore power interface
 Batteries

DECK FITTINGS

The deck outfitting is made of polished stainless steel/ Aluminum made of anodic oxidation
 The pedestrian area and anchor mooring area set balustrades and handrails
 Mooring equipment: The bollards and the heavy gripping anchor

LIVING WATER SYSTEM

Fresh water 200L
 Grey water 50L
 Black water 50L

ELECTRONIC FACILITIES

Dedicated navigation devices:

Radar	Magnetic compass
Chart plotter	GPS
Searchlights	Police Siren and Light with built in loudhailer
Echo sounder	SART/EPIRB/P-VHF
CCTV system	VHF(DSC)station

MECHANICAL EQUIPMENT

Two VOLVO PENTA Main engine
 Two Hamilton waterjets

OTHERS

Life Saving Equipment:12-man liferafts
 Damping devices: Anti-rolling gyroscope
 Attitude adjustment: The closure plate

DESIGN RULE

CCS 《Technical regulations for statutory survey of small ships along the coast》
 《Specification for marine high-speed ship entry and construction》
 (The class society is decided by client)

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