

## **GENERAL DESCRIPTION**

The Sea Ambulance is a craft that shall suite to carry patients who need medical assistance to the nearest hospital or health care Center, if not to a nearest airport. The craft shall have good sea keeping stability that suites at least sea state 3 to 4. Since these vessels are to carry patients, we shall consider ease of handling, low operational and maintenance cost given the highest consideration in the crafts design and selection of equipment.

## **PRINCIPAL PERTICULARS:**

Vessel type	: Mono hull
Hull material	: Fiber Reinforced
Length over all	: 37-40ft
SPEED	: Should achieve 30 knots or more at medium load

## **TANK CAPACITIES**

Fuel oil	: Minimum 750ltrs
Water tank	: Minimum 200ltrs

## **ENGINES**

- Four stroke (250hp twin or Triple engines if required, to achieve desired speed) with Salt water series propeller
- Hydraulic Steering system including steering wheel with power assist
- Complete installation of engines with all required accessories

## **GENERAL FEATURES**

- Hard Top double finishing
- Hull in Complete white color gelcoat
- Minimum 2 coats Anti-fouling with undercoat as per manufactures guidelines
- Nonskid flooring on deck
- Front Entrance door ( Center opening )
- Build in bow boarding steps
- Semi-closed side windows with curtains and bunji loops (minimize SS support post inside)
- Stainless steel handrails where required
- Manual swim ladder
- Fuel and water fillers on sides with markings
- Upholstered seating in white with comfortable back rests
- Water Drying fire retardant carpet
- Maximum Seating aft of patient bed with upholstered cushion
- Comfortable upholstered cushions for front 2 seats and its back rest
- Trim tab to be fixed on either side of the rear end of the vessel

## **SEA AMBULANCE FEATURES**

- “SEA AMBULANCE” painted in RED color on both sides of freeboard
- Crescent painted in GREEN Color on top deck, on both side entrance and on both freeboards
- Patient beds for both sides
  - 2 Nos Fixed bed with upholstered cushion and storage compartments with doors
- SS stands for Oxygen cylinders
- DC to AC convertor to be installed to provide 2 in Nos AC outlets near patient beds
- Fixed lighting arrangement for patient beds with switch arrangement near the light
- Maximum allowed side storages
- Shall provide easy and safe boarding arrangement for patients from port side.

## **PRINCIPLE FEATURES**

- Dual Beacon Light(blue)
- Electric horn
- Deck cleats, two on forward, two on aft cock pit and two on amid ship
- Sliding pilot side windows
- Front wind screen wipers system
- Deck wash pump with outlet shower with 100ft pipe
- DC Mini Bar (Refrigerator)

## **ELECTRICL SYSTEM**

- 2X 24V DC outlets for mobile charging
- Ceiling lights
  - Batteries for port and starboard engine and Change over switch with common position support
- Separate power supply arrangement to be provided for 2 in Nos AC outlets near patient beds

## **NAVIGATION**

- Compass with light
- Minimum 9”-12” touch display, Radar, Chart plotter and GPS combo unit
- Marine VHF set with antenna
- Full set of navigation lights
- RC led Search light

## **ENTERTAINMENT SYSTEMS**

- Bluetooth speaker

## **HELM CONSOLE**

- Console in black gel coat
- 2 Nos DC outlets for phone charging
- Wind screen splashing arrangement for wipers
- All necessary controls and display arrangement to be provided
- Switch panel 12V DC with marine breakers

## **TOILET**

- Marine electric Toilet
- Entrance door with locking arrangement
- Wash basin with fresh water tap
- Mirror
- Extractor fan
- Sky shower with fresh water
- Proper lightings with switches

## **FIRE EXTINGUISHING**

- 2 Hand operated fire extinguishers embossed to hull inside cabin in closed boxes and should install in easily accessible areas (the doors of the boxes to be modified so that it will not crack or break easily)

## **BILGE**

- Automatic electric bilge in necessary compartments (Pump Capacity:2000gph)

## **SAFETY EQUIPMENTS AND BOARDING CRAFT**

- 15 Nos Inflatable life jackets
- 4 Nos Inflatables life jackets for kids
- First Aid kit
- 2 Nos Fire blanket fitted
- 1 Nos Life Ring fitted
- 1 Nos Tool set box (multipurpose tool box)
- Flag set

## **MESCELLENIOUS**

- 4 Nos F-4 Fenders
- 100ft 12mm Rope
- 1 Nos Boat hooks
- 1 Nos Torch light (water proof)
- Oil extractor pump to change engine oil
- Operational and service manuals for necessary equipment
- Filter wrench (for fuel filter)

- 4 Nos raincoats (2 piece) (with sea ambulance label printed behind the raincoat)

## **WARRANTY AND OTHER DOCUMENTATIONS**

- Hull
  - Minimum 5 years Supplier or shipyard warranty from the date of delivery. All warranty documents issued by the manufactures for property articles shall be transferred to the owners.
  - Any repair on hull or superstructure that is raised from non-abusive usage, to be attended by the supplier or the shipyard promptly, within a reasonable scope.
- Engines
  - 1 Year warranty from the date of delivery.
  - Engines are to be procured with full consent of local agent in Maldives with all services and warranty issues being obligatory to such parties, if not supplier shall provide the necessary arrangements in obtaining the services and warranty issues.
- Equipment and accessories
  - All necessary warranty documents, manuals to be given to the owners at the time of delivery.

Thank You