

## **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	: Minimum 30knots

## **TANK CAPACITIES**

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

## **ENGINES**

- 2 Nos Four stroke with Salt water series propeller
- Hydraulic Steering system with power assist
- Installation of Engines as well as all necessary accessories to complete the job (Eg. Fuel, Raco filters, hoses etc.)

## **GENERAL FEATURES**

- Hard Top double finishing
- Hull in Complete white color gelcoat
- Minimum 2 coats Anti-fouling with undercoat as per manufactures guidelines
- Entrance door front
- Necessary steps for boarding persons
- Semi-closed with necessary side windows and curtains with bunji loops (to 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
- Nonskid flooring
- Water Drying fire retardant carpet
- Maximum Seating aft of patient bed with upholstered cushion

- 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
- 2 Nos AC outlets with DC to AC inverter (Near patient bed)
- Fixed lighting arrangement for patient beds with switch arrangement near the light
- Maximum allowed side storages
- Shall provide easy boarding arrangement for patients from port side.

## **PRINCIPLE FEATURES**

- Full set of navigation lights
- RC led Search light
- 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 outlet shower with 100ft pipe
- DC Mini Bar (Refrigerator)
- Electric trim

## **ELECTRICL SYSTEM**

- 2X 24V DC outlets for mobile charging
- Ceiling lights
- Deck wash shower pump
- Batteries for port and starboard engine
- One of 2 batteries for engine to be used for house batteries

Change over switch with common position support

## **NAVIGATION**

- Compass with light
- Minimum 9”-12” touch display, Radar, Chart plotter and GPS combo unit
- Marine VHF set
- Navigation lights

## **ENTERTAINMENT SYSTEMS**

- Bluetooth speaker

## **HELM CONSOLE**

- Console in black gelcoat
- Steering wheel
- Port and starboard engine display
- Search light switch
- GPS and Radar display
- Engine throttle
- Fuel tank gauge
- Water tank gauge
- Trim tab gauge and controls
- Wiper controls
- Search light switch
- Pump switch
- Blower switch
- Bilge pump switches
- 2 Nos DC outlets for phone charging
- Comfortable upholstered cushions for front 2 seats and its back rest
- Deck light switch
- Wind screen splashing arrangement for wipers

## **TOILET**

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

## **BILGE**

- Automatic electric bilge in necessary compartments (2000gph pump)

## **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

## **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)

## **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
- Available equipment's operational and service manuals
- Fuel filter wrench (check tech name)
- 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.

Thank You

