

# M.V. TSC Sohrab

## 1440 BHP MULTI PURPOSE VESSEL



M/V TSC Sohrab

BUILDER: Al Bwardy Marine Engineering

**GENERAL:**

YOB : 2008  
Builder : Al Bwardy Marine Engineering  
Class : Bureau Veritas  
Flag : Saint-Vincent & The Grenadines  
Port of Registry : Kingstown  
Call Sign : **J8B3939**  
IMO No : **9528809**

**LIQUID CAPACITIES:**

Fuel Oil : 126 m3  
Potable Water : 110 m3  
Sewage tank : **3.99 m3**

**REFRIGERATED STORES:**

Freezer : 2 chest freezers  
Chiller : 1 refrigerator

**DIMENSIONS:**

Length Overall : 30.00 mtrs.  
 Breadth Overall : 12.00 mtrs.  
 Depth : 3.50 mtrs.  
 Draft Maximum : 2.80 mtrs.

GRT : 316  
 NRT : 94

**MACHINERY:**

Main Engines : Two (2) CAT 3412 B Diesel Marine Engines  
 each rated 720 BHP @ 1800 rpm  
 Generators : Three (3) CAT C 4.4  
 86 KW/220V/380V/ 50Hz  
 Gear Box : Two (2) Reintjes WAF 364L  
 Propellers : Two (2) Four Blade Fixed Pitch in Kort nozzles

**SPEED:**

Free Running : 10.00Knots  
 Towing Speed : 05.00 Knots

**FUEL CONSUMPTION PER DAY (Approximate):**

Top Speed : MT  
 Towing Speed : MT  
 Standby : MT

**BOLLARD PULL**

24 Tons

**CLEAR DECK SPACE**

Clear deck area : 160 m2  
 80 m2 wooden sheeted  
 Approx Deck Load : 10.00 Tons / Sq M

**Pumps & discharge capacities**

- 1) F.W. Hydrophone (Make – AZCUE)  
**3 m3/hr @ 25m head, 1.5 kW; 1450 rpm (with 200L tank)**
- 2) S.W. Hydrophone (Make – AZCUE)  
**3 m3/hr @ 25m head, 1.5 kW; 1450 rpm (with 200L tank)**
- 3) Sewage Pump (Make – AZCUE)  
**5 m3/hr @ 15m head, 1.5 kW; 2900 rpm**
- 4) Fuel oil transfer pump (Make – AZCUE)  
**10 m3/hr @ 25m head, 2.2 kW; 2900 rpm**
- 5) Bilge pump (Make – AZCUE)  
**25 m3/hr @ 30m head, 5.5 kW; 2900 rpm**
- 6) Fire pump (Make – AZCUE)  
**25 m3/hr @ 30m head, 5.5 kW; 2900 rpm**
- 7) Fresh water cargo pump (Make – Desmi)  
**120 m3/hr @ 25m head, 15 kW; 2900 rpm**
- 8) Diesel cargo pump (Make – Desmi)  
**120 m3/hr @ 25m head, 15 kW; 2900 rpm**
- 9) Emergency Fire pump (Make – Desmi)  
**20 m3/hr @ 30m head, 3600 rpm; 4-stroke HATZ diesel engine of 5kW**

**ACCOMMODATION:**

No. of Berths : 10 Fully Air-Conditioned Berths  
 2 x 2 bunks  
 1 x 6 bunks  
 Min. No. of Crew : Ten (10)  
 Max. No. of Pax : Nil (-)

**DECK EQUIPMENT:**

A /H Winch : One (1) Single Drum remote controlled  
 80 Tons line pull  
 Towing Wire : 100 Mtrs Long X 48 mm Dia.  
 Spare Wire : N/A  
 Tugger Winch : One (1) 8 Tons line pull  
 Capstain : One (1) 10 Tons  
 Tow Hook : One (1) 25 Tons SWL  
 Anchor Windlass. : One (1) Hydraulic  
 Anchors : 2 x 480 KG Stockless Bower Anchor  
 Deck crane : One (1) Heila Knuckle boom crane  
 HLRM 200-4SL  
 22.50 Tons @ 07.76 mtrs.  
 17.40 Tons @ 09.92 mtrs.  
 09.00 Tons @ 16.31 mtrs  
 Bow roller : Available

**NAVIGATION & COMMUNICATION EOPT:**

Steering Controls : One (1) Station on Forward of Wheelhouse  
 : One (1) Station on Aft of Wheelhouse  
 Radar : One (1) KODEN MDC 1810 P  
 SSB Radio : One (1) SAMYUNG SRE 150DN +DSC  
 VHF Radio : Two (1) SAILOR RT2048 + DSC  
 GPS : One (1) KODEN KEP 220  
 Magnetic Compass : Two (2) LILLIE & GILLIE  
 Echo Sounder : One (1) JMC F2000  
 Navtex Receiver : One (1) JMC NT1800  
 Portable VHF : Three (3) ACR 2726H  
 Inmarsat Type C : N.A.  
 AIS : One (1) SAMSUNG S7-30  
 Satellite Phone : N/A  
 LRIT : One (1) SAILOR 4000 TT  
 EPIRB : One (1) ACR  
 SART : Two (2) ACR PATHFINER 3

**FIRE FIGHTING, SAFETY, RESCUE & OIL**

As Per Solas

**ADDITIONAL EQUIPMENT**

Compressor : One (1) Ingersol Rand  
 Sewage Treatment Plant : One (1) Hamworthy  
 Oily Water Separator : One (1) with Alarm  
 Fixed CO2 system : Available

