

SPECIFICATION OF "TUG ENGINEER" (2450 HP.)



NAME : "TUG ENGINEER"
PORT OF REGISTRY / NO. : BAHRAIN / 7843
FLAG : BAHRAIN
PLACE & YEAR BUILT : HONG KONG - 1980
REBUILT : BAHRAIN - 2002
CONDITION SURVEY : B.M.S.
DIMENSIONS:
LENGTH OVERALL : 90 FEET
BREATHMOULDED : 26 FEET
DEPTH MOULDED : 7.25 FEET
DRAFT : 4 METERS (13 FT - 1 1/2")
FUEL CONSUMPTION : 350 LITRE

TONNAGE
GRT : 142 TONS
NRT : 90 TONS
TYPE : TWIN NOZZLE STEEL TUG
CALL SIGN : A9D2752
SPEED : 10 KNOTS

PROPULSION : 2 Sets of CAT D399, 1225 HP Each (Total of 2450 HP)
 16 Cylinder, Twin fixed screw propeller in Kort nozzles.
 S. No. 91B1178 / 91B1179
BOLLARD PULL : 25 Tons
STEERING GEAR : Electrical and Manual
GENERATORS : 2 Sets of CAT D3304, 4 Cylinder.
 Rating = 106 Kva, 85 Kw, 0.8 C.O.S, 50 Hz.
 3 Phase, 380 V., 161 Amps @ 1500 RPM
COMMUNICATION : 2 Nos. VHF SAILOR
 Power Supply 220/110 V AC & 24 V. DC to 12 DC.
NAV. EQUIPMENT : 1 No. Marine Radar "TOKIMEC"
 Range @ 36 miles (New) with Display Unit BR 910-04R/BR 1210-04R
 1 No. GPS SIMRAD (CE32) with Echo Sounder (New)
 1 No. Wind Vane, S. No. 333821
 1 No. Magnetic Compass
DECK MACHINERY : 1 No. Towing Winch - 15 Ton Capacity, driven by electric motor with 500 meters long 1-1/4" dia. wire rope.

TANK CAPACITIES : 3 Nos. Fuel Oil Tank - Total 40 Tons
 2 Nos. Fresh Water Tank - Total 40.0 Tons
 3 Nos. Water Ballast Tank - Total 15.0 Tons
 2 Nos. Lube Oil Tank - Total 2600 Liters
SAFETY EQUIPMENT: 2 Nos. 10 Person Inflatable Life raft.
 10 Nos. Life Jackets.
 6 Nos. Ring Bouy with Flare/Igniting light.
ACCOMMODATION : Fully Airconditioned Accommodation for 10 Crew
 1 Master Room
 Size: 4030 x 2230 mm (2 Persons)
 1 Chief Engineer Room.
 Size: 4030 x 2200 mm (2 Persons)
 1 Crew Accommodation
 Size: 4050 x 2300 mm (6 Persons)
 1 No. Complete Kitchen Facility.
 Size: 2810 x 1700 mm with;
 12 Cu/Ft. Refrigerator
 1 Elect. Cooking Range + Oven
 1 No. Mess Hall (10 Persons)
 Size: 3040 x 4780 mm.
 2 Nos. Common Lavatories.

DRY DOCKING : JULY / AUGUST 2001

AFLOAT REPAIR & MAINTENANCE, FULLY RECONDITIONED / REBUILT : JULY 2001 / JANUARY 2002