



Liberty Service

Offshore Tug

DIMENSIONS AND REGULATORY INFORMATION

Length: 126.0 Ft 38.4 m **Beam:** 37.0 Ft 11.3 m **Draft Max:** 18.4 Ft 5.6 m
Tonnage /Gross: 169 GRT **Net:** 115 NRT **Draft Min:** 11.0 Ft 3.4 m
Certification: **CALL SIGN:** WDB 9387
Classification: ABS +A1 Towing Service, +AMS, Oceans Loadline **IMO:** 8207604 **ABS ID:** 8305303

PERFORMANCE

Speed / Consumption: **Bollard Pull:**
Max Speed: 12 Kts 221 GPH 836.5 /PH Max Pull: 91.0 ST 82.6 MT
Cruise Speed: 9 Kts 152 GPH 575.3 /PH

PROPULSION, MACHINERY AND STEERING

Main Engines: 2 x EMD 16-645 E7B **Horsepower:** 3,070 BHP 6,140 BHP
Propellers: 4-BLADED, FPP, DUCTED **Diameter:** 120 in. 3,048 mm
Generators: 2 x DETROIT DIESEL 8V-71 **Rating:** 125 kW 250 kW
Rudders: Independent Steering **Power Generation:** 480V/60 Hz/3-Phase

TOWING AND SPECIAL EQUIPMENT

Towing Winch: Intercon DD-225/82155 Double Drum, Side by Side **Cable Capacity:** 3,500 Ft. of 2 In. Cable
Line Pull (Max): 160 ST 145 MT
Capstans: 1 x McElroy

Upper Pilothouse Height of Eye: 71 ft above Minimum Draft

CAPACITIES AND DELIVERY RATES

Fuel: 198,700 USG 752 m3 **Potable Water:** 8,100 USG 31 m3

ELECTRONICS

VHF Radios, Handheld VHF Radios, Navtex, EPIRB, Loudhailer, Radars, SARTs, DGPS, Mag Compass, Gyro Compass, Depth Sounder, Windbird, Auto Pilot, MAMS/VMS, CCTV Cameras

ACCOMMODATIONS

6 air-conditioned/heated staterooms for 12 person berthing

SPECIAL FEATURES

Roller Fairleads for Notch Operations, D-Section Fendering Around Entire Hull.