



# Michigan Service Offshore Tug

## DIMENSIONS AND REGULATORY INFORMATION

**Length:** 105.0 Ft 32.0 m    **Beam:** 34.0 Ft 10.4 m    **Draft Max:** 16.5 Ft 5.0 m  
**Tonnage /Gross:** 398 GRT    **Net:** 66 NRT    **Draft Min:** 12.0 Ft 3.7 m  
**Certification:**    **CALL SIGN:** WDD6524  
**Classification:** ABS: +A1, Towing Service, +AMS    **IMO:** 8973928    **ABS ID:** 8126907

## PERFORMANCE

**Speed / Consumption:**    **Bollard Pull:**  
Max Speed: 13 Kts 112 GPH 423.9 /PH    Max Pull: 26.5 ST 24.0 MT  
Cruise Speed: 9 Kts 94 GPH 355.8 /PH

## PROPULSION, MACHINERY AND STEERING

**Main Engines:** 2 EMD 12-645-E2    **Horsepower:** 1,500 BHP 3,000 BHP  
**Propellers:** 4-BLADED, FPP, HIGH EFFICIENCY    **Diameter:** 117 in. 2,972 mm  
**Generators:** 2 x John Deere 6081    **Rating:** 125 kW 250 kW  
**Rudders:** Airfoil Type    **Power Generation:** 480V/60 Hz/3- Phase

## TOWING AND SPECIAL EQUIPMENT

**Towing Winch:** Markey TDSD-32    **Cable Capacity:** 1,800 Ft. of 2.00 In. Cable  
**Line Pull (Max):** 78 ST 71 MT

**Upper Pilothouse Height of Eye:** 51 ft 6 in from Minimum Draft

## CAPACITIES

**Fuel:** 98,840 USG 374 m3    **Potable Water:** 1,000 USG 4 m3  
**Ballast Water:** 44,908 USG 170 m3

## ELECTRONICS

VHF-FM Radios (4), Gyro Compass, Auto Pilot, Chart Plotter with DGPS Interface, Engine Alarm System, Tow Winch Alarm, Cellular Phone w/Email Capability, Fax Machine, Single-Side Band, Furuno Weather Fax, Northstar GPS, Anemometer, Fathometer, Radars (2)

## ACCOMMODATIONS

5 air-conditioned staterooms with berthing for 8 people

## SPECIAL FEATURES

Dutch Bar, Stern Roller, Towing Pins, Solid Rubber Rail Fendering