



Patriot Service

Offshore Tug



DIMENSIONS AND REGULATORY INFORMATION

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|--|--------------------------------|------------------------------------|------------------------|
| Length: 124.0 Ft 37.8 m | Beam: 37.0 Ft 11.3 m | Draft Max: 17.0 Ft 5.2 m | |
| Tonnage /Gross: 682 GRT | Net: 204 NRT | Draft Min: 13.0 Ft 4.0 m | |
| Certification: SOLAS | | CALL SIGN: WDC9932 | |
| Classification: ABS +A1 Towing Service, +AMS, Oceans Loadline | | IMO: 9117258 | ABS ID: 9629921 |

PERFORMANCE

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|---|------------------------------|
| Speed / Consumption: | Bollard Pull: |
| Max Speed: 12 Kts 221 GPH 836.5 lPH | Max Pull: 54.0 ST 49.0 MT |
| Cruise Speed: 9 Kts 152 GPH 575.3 lPH | |

PROPULSION, MACHINERY AND STEERING

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| Main Engines: 2 EMD 16-645 E5C | Horsepower: 3,070 BHP 6,140 BHP |
| Propellers: 4-BLADED, FPP, HIGH EFFICIENCY | Diameter: 134 in. 3,404 mm |
| Generators: 2 x DETROIT DIESEL | Rating: 150 kW 300 kW |
| Rudders: Airfoil Type | Power Generation: 480V/60 Hz/3-P |

TOWING AND SPECIAL EQUIPMENT

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| Towing Winch: Markey TDSD-32 | Cable Capacity: 2,500 Ft. of 2.25 In. Cable |
| | Line Pull (Max): 120 ST 109 MT |
| Capstans: 1 x McElroy - Catchot | Line Pull (Max): 9 ST 8 MT |

Upper Pilothouse Height of Eye: 54 ft above Minimum Draft

CAPACITIES AND DELIVERY RATES

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|--|---|
| Fuel: 137,000 USG 519 m3 | Potable Water: 2,500 USG 9 m3 |
| Ballast Water: 52,500 USG 199 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

5 air-conditioned staterooms with berthing for 11 people

SPECIAL FEATURES

Upper Pilot House, Dutch Bar, Stockless Anchor, Roller Fairleads for Notch Operations, Fendering for notch operations and ship assist