



CAPE CHARLES

166 CLASS OFFSHORE SUPPLY VESSEL



DIMENSIONS AND REGULATORY

| | | | | | | | |
|------------------------|-----------------|---------|--------------|---------------|-------------------|-------------------|---------|
| Length: | 166.0 ft. | 50.6 m | Beam: | 38 ft. 11.6 m | Draft Max: | 11.0 ft. | 3.4 m |
| Tonnage/Gross: | | 284 GRT | Net: | 193 T | Draft Min: | 7.0 ft | 2.1 m |
| Certification: | USCG Inspection | | | O.N. | 638624 | Call Sign: | WCX9887 |
| Classification: | ABS Loadline | | | IMO: | 8102983 | ABS ID: | 8128151 |

PERFORMANCE

| | | | | | | | |
|---------------------------|----------|--------|----------|----------------------|---------|---------|--|
| Speed/Consumption: | | | | Bollard Pull: | | | |
| Max Speed: | 12.5 Kts | 85 GPH | 322 ℓ PH | Max Pull: | 15.8 ST | 17.5 MT | |
| Cruise Speed: | 10.0 Kts | 75 GPH | 284 ℓ PH | | | | |

PROPULSION, MACHINERY AND STEERING

| | | | | |
|----------------------|-------------------------------------|--------------------|---------|-----------|
| Main Engines: | 2 x GM16V-149 | Rating: | 900 BHP | 1,800 BHP |
| Propellers: | FPP, 4 Blade | Size: | 74 in. | 1,880 mm |
| Generators: | 2 x GM 6V-71N | Rating: | 75 kW | 150 kW |
| Bow Thruster: | 1 x Schottel, FP Tunnel | Horsepower: | 300 HP | |
| Rudders: | Blade Type connected via Jockey Bar | | | |

CAPACITIES AND DELIVERY RATES

| | | | | | |
|--------------------------|------------|------------|-------------------------|-------------------|--------------|
| Deadweight: | 872 LT | 886 MT | Deck Dim: | 108 ft. x 28.6 ft | 33 m x 8.7 m |
| Deck Cargo: | 600 LT | 610 MT | Deck Area: | 3,095 ft. 2 | 288 m2 |
| Deck Load Rating: | 540#/ ft.2 | 2.64 MT/m2 | | | |
| Rig Water: | 87,716 USG | 332 m3 | Discharge Rate: | 500 GPM | 114 m3/hr |
| Potable Water: | 7,440 USG | 28 m3 | | | |
| Rig Fuel Normal: | 59,548 USG | 225 m3 | Discharge Rate: | 500 GPM | 114 m3/hr |
| Rig Fuel Max: | 59,548 USG | 225 m3 | Discharge Rate: | 500 GPM | 114 m3/hr |
| Liquid Mud/Brine: | 1,908 Bbls | 303 m3 | Pump Type: | Centrifugal | |
| | | | Discharge Rate: | 800 GPM | 181 m3/hr |
| Dry Bulk: | 3,000 ft.3 | 85 m3 | System Pressure: | 40 psi | 3 Bars |
| Cooler: | 300 ft.3 | 8.5 m3 | Freezer: | 300 ft.3 | 8.5 m3 |

ELECTRONICS

VHF Radios, Handheld VHF Radios, Single Side Band, EPIRB, Public Phone System, Loudhailer, Radars, GPS, Mag Compass, Gyro Compass, Depth Sounder, Auto Pilot, E-Mail Ability, AIS.

ACCOMMODATIONS

7 air conditioned/heated staterooms certified for 20 person berthing.