



**170' Crew/Supply Vessel**

**MISS JULIE**

**Waterjet Propulsion**

**Principal Characteristics**

Length (Overall)	170 ft
Beam	30.0 ft
Depth Amidship	13.0 ft
Cargo Deck Capacity	200 Long Tons
Cargo Deck Space	105' L x 24' W
Passengers	80
Crew Accommodations (1 Captain's Stateroom, Two 4-man Staterooms)	9
Speed (based on 64 passengers, crew, ship's fuel/water, and 30 LT of deck cargo)	30 knots

**Capacities**

Ship's Fuel	5,800 gallons
Transferable Fuel	17,800 gallons
Transferable Potable Water	24,800 gallons
Fresh Water	1,230 gallons
Sewage Tank	720 gallons
Ballast Tank	12,200 gallons

**Machinery**

Main Engines	Four (4) Cummins KTA38-M2 Marine Propulsion Engines, 12 cylinder, turbo charged and after cooled, four cycle, 1350 HP each at 1900 RPM, continuous rating, with ZF M/N BW255 marine gear.
Generators	Two (2) Cummins model 6BTS.90M - 75KW, 6 cylinder, 1800 RPM, turbo charged.
Waterjets	Four (4) Hamilton HM651 Series waterjet propulsion units.
Engine Controls	Two (2) sets Hamilton engine/waterjet controls in wheelhouse (aft & fwd); indicator panels provided for steering and reverse.
Air Conditioning	Two (2) 4-ton central air conditioning units with heating.
Bow Thruster	One (1) Thrustmaster 24" Hydraulic Bow Thruster with (2) Thruster Stations.
DP System	One (1) Beier VCS2000 DP-O System.
Fire Monitor	One (1) Fire Monitor Max 500 with a Demming M/N 6061 - 4x3x17 fire pump driven by one (1) Cummins Diesel Engine M/N 4B3 - 9DM at 600 GPM.

**General**

The 170' Crew/Supply Vessel **MISS JULIE** is a quad waterjet diesel powered vessel. The hull and superstructure is of aluminum alloy, welded in accordance with approved codes. Superstructure is arranged with passenger compartment on the main deck with pilot house above. Standards for construction are set forth by the USCG for small passenger vessels (under 100 gross tons). Sub-Chapter T, Ocean Service, limited to the Gulf of Mexico.

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