



145' Crew/Supply Vessel

MR MEL

Waterjet Propulsion

Principal Characteristics

Length (Overall)	145 ft
Beam	26.5 ft
Depth Amidship	11.75 ft
Cargo Deck Capacity	120 Long Tons
Cargo Deck Space	73' L x 21' W
Passengers	79
Crew Accommodations (1 Captain's Stateroom, Two 2-man Staterooms)	5
Speed (based on 79 passengers, crew, ship's fuel/water, and 30 LT of deck cargo)	27 knots

Capacities

Ship's Fuel	4,540 gallons
Transferable Fuel	9,230 gallons
Transferable Potable Water	14,260 gallons
Fresh Water	1,000 gallons
Sewage Tank	740 gallons

Machinery

Main Engines	Four (4) Caterpillar Model 3412 DITA diesel engines with reverse and reduction gear; heat exchanger cooled and air starting.
Generators	Two (2) Detroit Diesel Model 4-71, 50 Kw, keel cooled.
Waterjets	Four (4) Hamilton HM571 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 Lennox central air conditioning units with heating.

For more information contact:

Kenny Guidry, Marine Transportation

Email: kenny@dscgom.com

Mike Swiber, Purchasing Agent

Email: mike@dscgom.com

Mailing Address: P.O. Box 1286, Morgan City, LA 70381

Location: 503 S. Degraevelle Rd., Amelia, LA 70340

Phone: 985.631.2187

Fax: 985.631.2442 or 985.631.0377

Website: dscgom.com



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