



The M1- 44 is a true offshore heavy weather catamaran with in shore shallow water capability. Her large walk-around cabin will support a crew of 10 in comfort with gear and equipment payload. She is powered by twin 600 HP diesels and propelled by water jets, which enable a top speed over 40 knots. Whatever the mission, the M1- 44 can get the job done.

## Components and Specifications

### ENGINE

**Type:** Twin QSC 8.3 LTR Cummins Turbo Diesel  
**Horsepower:** Up to 600HP  
**Aspiration:** Turbocharged/Aftercooled  
**Injection Type:** Electronic  
**Displacement:** 8.3 LTR  
**Alternator:** 80 AMP  
**Instrumentation:** Digital/Analog

### MARINE GEAR

Twin Disc MG 5075

### PROPULSION

**Type:** Twin Hamilton HJ 322 Water Jets  
**Impeller:** Stainless Steel/24 kw

### STEERING & CONTROLS

Helm: Teleflex Hydraulic  
Mechanical Controls for Bucket & Marine Gear  
Digital Throttle Controls  
Optional Fly-By-Wire BlueArrow™ Controls by Hamilton

### ELECTRICAL

24 Volt DC System  
40 AMP/12V Converter  
3 kw INVERTER/CHARGER  
50 AMP AC Shore Power System  
Mil. Spec. Wiring Throughout  
Cole Hersee Digital Switching System

### SPECIFICATIONS

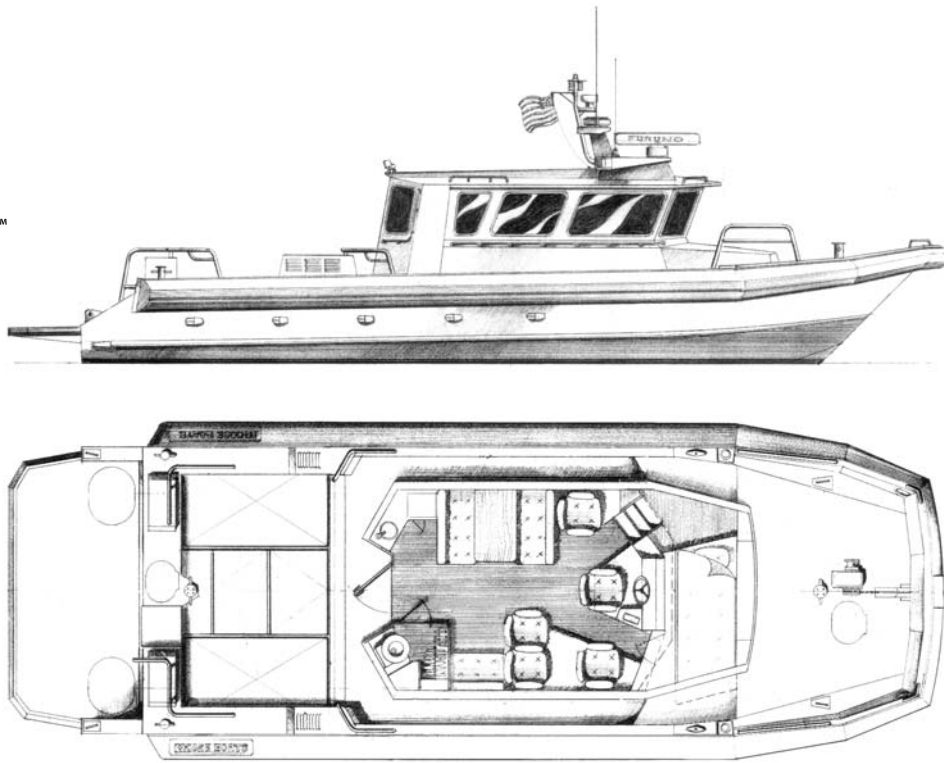
**LOA:** 43'-8"  
**LWL:** 36'-0"  
**Beam:** 16'-0"  
**Draft (Max):** 25"  
**Dead Rise (Aft):** 15°  
**Dead Rise (Entry):** 45°  
**Freeboard:** 52" @ Midship  
**Displacement:** 25,000 LBS (Dry)  
**Fuel Tankage:** 480 Gal  
**Water Tankage:** 30 Gal  
**Holding Tank:** 18 Gal.

### PERFORMANCE

Max Speed – Over 40 knots  
Cruise Speed – 30 knots  
Fuel Consumption @ Cruise Speed – 40 gal/ hr  
Range – Over 300 NM  
Payload Overall: 4,500 lbs.  
Towing Capacity: Tow Bit Pull over 10,000 lbs.  
Load Capacity Cockpit: 3,000 lbs

### NAVIGATION

Large Magnetic Compass  
VHF Radio with 6DB Antenna  
Radar: 60 MHz – 6 KW Antenna  
GPS: 12 Channel Satellite Differential with WAAS  
EchoSounder: 1000 W rms / Dual Frequency



## Standard Features and Options

### CABIN AND INTERIOR

The wide cabin affords a central helm steering station with port and starboard companion seating. The aft area can be arranged to suit user needs with various seating, storage and galley configurations. The forward cabin area contains space for a large berth and ample storage accessed by a port side companion-way.

### CABIN FEATURES:

- Complete Deck Level Walk Around Plan
- Forward Leaning/Glare Free Windows
- 1/4" Tempered Safety Glass
- Thermal & Sound Insulation
- Fully Adjustable Hydraulic Seats
- Vinyl Padded Headliner

### HULL AND DECK

5086 Alloy Hull - .250 Plating  
Twin 240 Gal Fuel Tanks  
Integral 4-Point Lifting Lugs  
L.E.D. Navigational Lighting  
Spring Line Cleats  
Fore & Aft Bollards  
Self Bailing Decks  
Large Grab Rails Throughout  
Cockpit & Stern Deck Lockers  
Anchor Rode Locker & Ground Tackle  
Foam/Air Fendering Collar  
Large Jet Guard Platform  
Fully Insulated Engine Rooms  
Automatic Fire Suppression System  
Polyurethane Paint System  
Bottom Coating Over Barrier Primers

### SAFETY

Collar Buoyancy Addition: 5,000 lbs  
Six Watertight Compartments  
Four 2000 GPH Automatic Bilge Pumps with High Water Alarms  
Water Tight Deck Hatches & Cabin Door

\* Moose Boats are built to USCG / ABYC Standards

### SAMPLE OPTIONS

Infrared Camera  
Autopilot System  
Second Station Steering  
Electric or Hydraulic Anchor Winch  
Salt Water Wash Down System  
Water Heating System & Shower  
Diesel or Electric Stove  
Stowable Dive Ladders  
BlueArrow™ Hamilton Control System  
Hydraulic Power System  
8 kw Diesel Generator  
Heated Windshield Glass  
Diesel/Hydrionic Heating System  
Complete Fire Fighting System



**MOOSE BOATS**

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