

Blount Hull #MDNR-373
94'x27' - Buoy Tender/Ice Breaker

Principal Particulars

Length, Overall = 94'-0"

Beam = 27'-0"

Depth, Molded = 10'-0"

Mean Draft = 4'-6"

Builder:	Blount Boats, Inc. Warren RI
Naval Architect/Designer:	BMT Designers & Planners Inc.
Owner:	Maryland Department of Natural Resources
Owners Representative:	Gryphon Technologies (A ManTech Company)
Owner/Operator:	Maryland Department of Natural Resources
Crew:	6
Passengers:	None
Speed:	12 knots Max, (10 knots cruising loaded @ 1650 RPM).
Tank Capacities:	
Fuel Oil:	1987 Gallons
Fresh Water:	1000 Gallons
Sewage:	1000 Gallons Black – 500 Gallons Gray
Hull construction:	Steel (CNC Lofting – Boksa Marine)
Hatches & Manholes:	Freeman Marine & NABRICO
Mooring:	NABRICO
Coatings:	International (SurfaceWorx), Paint Sub-contractor R.J. Forbes
Main propulsion:	(2) Cummins QSK19, Tier III, 750HP@1800RPM, Heavy Duty Rating; (Cummins Northeast)
Marine Gear:	(2) Twin Disc MGX-5202SC 2.48:1 Ratio North Atlantic Power Products
Propellers:	(2) 42X27 – 5 Blade NIBRAL, Michigan Wheel from New England Propeller
Shafts:	(2) 3.75" Diameter Aquamet 17 from NSA and machined By H&H Propeller, Salem, MA.
Shaft Bearings:	Duramax
Shaft Seals:	Duramax Dry-Seal
Engine Controls:	Twin Disc EC300 (3 stations)
Rudders:	Blount Built
Ship's Service Power:	(2) 55kW, Cummins Onan
Switchboard:	Power Panels Inc., Morgan City LA.
Engine Cooling:	Welded Channel Iron for Mains / WEKA Box Coolers for Gens
Exhaust System:	MAXIM 8 inch & 4 inch
Steering System:	Jastrom B2-76-400-1-35 (3 Station) (RG Group, York PA)
Fire Pump:	Flowmax 8, 2x2
Bilge Pump:	Flowmax 8, 2x2
Sewage Pump:	Tortuga Diaphragm TOR-3P60
Engine Room Ventilation:	Delta T (2) 3HP 21" Intake
Lovers & Dampers:	Delta T (2) Alum Mist Eliminators
HVAC System:	(1) 160,000 BTU Burnham Oil Fired Boiler, Modine Hydronic Heaters & Base Board
HVAC System:	Pilot House & Crew Cabin & Galley, Fujitsu Split Duct
Window Defrosters:	Heater Craft
Fire Suppression:	KIDDE (2) 100# CO2 Fire Suppression System (Hiller Systems Inc)
Engine Room Insulation:	Anchor Insulation Co, A-60 / 2-3" Mineral Wool, 1" Acoustic Navy Hull Board Finish.
Doors:	Beclawat
Windows:	Beclawat & NABRICO Port Lights
Ceiling:	Armstrong
Joinery:	Isonell (Pole Star Marine/Offshore)
Crew & Galley Furniture:	Pole Star Marine/Offshore
Flooring:	Lonseal (Karpel Clinic Cranston RI)
Lighting:	L.C. Doan
TV & CCTV:	Cay Electronics
Fire Detection:	Firex-Fireboy
PA & Communications:	David Clark Wireless Headsets
Alarms:	EMI Industries, LLC, Master Panel (ER) & Slave Panel (PH).

TLI:	EMI Industries
Search Lights:	(2) Carlisle & Finch 12" Searchlight With Remote Control & Wide Beam Lights
Compass:	Ritchie B-463 Steelboat Compass Compass Adjuster; Cape Compass, West Falmouth MA.
Nav Equip; Cay Electronics:	Cay Electronics, Portsmouth RI
Lifesaving:	Fire Extinguishers (Firex Inc. Portsmouth RI) (26 Adult) Imerial 160RT (1) 180# Fortress Anchor

Certification:

- Tonnage; ABS
- FCC; Chris Electronics
- Stability Test; Mr. Chris Melo, Naval Architect