

Blount Hull #NYPA-372
56'x18'-5'- Ice Breaker Tug

Principal Particulars

Length, Overall = 56'-0"

Beam = 18'-5"

Depth, Molded = 6'-8.5"

Mean Draft = 4'-6"

Builder:	Blount Boats, Inc. Warren RI
Naval Architect/Designer:	Bristol Harbor Group, Bristol, RI. (BHG)
Owner:	New York Power Authority, Buffalo, NY.
Owners Representative:	Bristol Harbor Group, Bristol, RI. (BHG)
Operator:	New York Power Authority
Crew:	4-8
Speed:	10.5 knots Max, (7.5 knots cruising loaded @ 1500 RPM).
Tank Capacities:	
Fuel Oil:	397 (X2) Gallons
Fresh Water:	20 Gallons
Sewage:	150 (X2) Gallons
Hull construction:	Steel ABS Grade A & D
Hatches & Manholes:	Freeman Marine, Centex & NABRICO – Thru TIMCO
Mooring:	(8) NABRICO DF-528 Closed Chocks & (4) NABRICO DF-2 Double Bitts (TIMCO)
Coatings:	International (SurfaceWorx), Paint Sub-contractor AMEX
Main propulsion:	(2) Caterpillar C9.3, Tier III, 375HP@1800RPM, "B" Rating; (Milton CAT)
Marine Gear:	(2) Twin Disc MGX5114C, 3.00:1 Ratio, Marine Gear (North Atlantic Power Products)
Propellers:	(2) 38" Diameter x 34" Pitch Stainless Steel Propellers (New England Propeller, Inc)
Shafts:	(2) 4.5" Diameter x 13'-0" Long Aquamet from National Specialty Alloys
Shaft Bearings:	Thordon
Shaft Seals:	Blount Built
Engine Controls:	Twin Disc EC300-3 Stations
Rudders:	Blount Built-Spade
Ship's Service Power:	(2) 27kW, Caterpillar Powered, C2.2 Marine Generator Sets (Milton CAT)
Switchboard:	Power Panels Inc., Morgan City LA.
Electrical Panels & Controllers:	Granit City Electric, Pawtucket RI.
Engine Cooling:	R.W. Fernstrum & Co. WEKA Box Coolers
Exhaust System:	Maxim-Gens & Thermal Products Mains
Steering System:	Auto-Nav Series 2000 Electrohydraulic Steering
Fire Pump:	Goulds GNL50SP-F.W. Webb
Bilge Pump:	Goulds GNL50SP-F.W. Webb
Sewage Pump:	Jabsco Macerator Pump
Engine Room Ventilation:	Delta T (2) .75HP 19" Intake
Lovers & Dampers:	Buckley Associates
HVAC System:	(1) 13,500 BTU Marine Mach AIRXCEL Roof Top Unit
HVAC System:	(5) Dayton Electric Heaters-Grainger
Fire Suppression:	KIDDE (1) 350# NOVEC Fire Suppression System (Hiller Systems Inc)
Insulation:	Anchor Insulation Co
Doors:	Pole star Maritime, LLC
Windows:	Beclawat (All) Heated Pilot House
Ceiling:	Arvinyl with Wood Trim
Joinery:	Jet-Board With Omega Profiles & Trim (Pole Star Marine/Offshore)
Seats:	Llebroc Industries
Flooring:	Lonseal (Karpet Klinik Cranston RI)
Fire Detection:	Fireboy
PA & Communications:	Zenitel by L&L Electronics
General Alarm:	Zenitel by L&L Electronics
TLI:	Maretron & Murphy
Cathodic Protection:	Galvotec Alloys, Inc.
Search Lights:	(3) Carlisle & Finch 12" 350 Watt Searchlight With Remote Control

Compass: Ritchie B-453-5N24 Steelboat Compass (E.S. Ritchie & Sons)

Nav Equip; Cay Electronics: (2) Simrad HALO 24 Radar Kits
(1) Simrad AIS V5035 Class-A Transceiver
(2) Simrad HS60 GPS Compass
(1) Simrad SS60 Transducer
(2) Icom M506 VHF Radios
(1) Standard Horizon VLH-3000A Loud Hailer
(1) Kahlenburg KB-15G Talkback Horn/Hailer
(5) IMTRA Heavy Duty Wipers
Navigation Lights; Glamox Aqua Signal Corp.
Nav Light Control Panel, J-Box LLC (Custom)

Lifesaving: Fire Extinguishers (Firex Inc. Portsmouth RI)
(8 Adult) Jim-Buoy (Donovan Marine)
(8 Adult) Immersion Suits (Donovan Marine)
(3) Ring Buoy & Lights, Jim Buoy (Donovan Marine)
(1) 8 Man Life Raft (LRSE)
(1) 300# Anchor (TIMCO)
(2) FX-85 Fortress Anchors & Rode (TIMCO)

Certification:

- USCG; Certificate of Inspection Subchapter "M"
- FCC; Chris Electronics
- Stability Test; BHG