SPECIFICATIONS

Name:	Miss Brizz
Vessel:	Charter/Pleasure
Year Built:	2003
Hull Construction:	Aluminum
Documentation #:	1142116
Gross Tons:	71
Length:	62.0
Beam:	19.0
Draft:	6 ft
Builder:	Peregrine/SeaState One Marine Anchorage, Alaska
Hailing Port:	Primary slip is in Seward, Alaska Miss Brizz also has a leased slip at Cliffside Marina in Whittier, Alaska
Main Engines:	Twin 2003 Lugger 6140 700 HP each With Twin Disc MG-5114 A Marine Gears Ratio 1.94:1 Total 1400 HP
Engine Hours:	STBD: 4506 PORT: 4354 Starboard engine drives hydraulic steering and has PTO for vessel hydraulics Engines have trolling valves
Generators:	2 Northern Lights Model M864K 25KW Generators in sound shields Mounted: Engine Room, 2003, Hours: 6287 Mounted: Stern Generator Hatch Compartment Year: 2008, Hours: 14,705 (Mounted on double engine mounts)
Fuel Capacity:	Diesel, 2000 gallons 2 Main Tanks, 750 gallons each 2 Corner saddle tanks 250 gallons each

Fresh Water Capacity:	Belly Tank: 1200 gallons Stern water tank: 1100 gallons Total 2300 gallons 1200 GPD Watermaker: Village Marine PW 1200 with media filter
Back Deck:	300+ square feet
Upper Deck:	400+ square feet
Berthings:	Ten (10) in four (4) staterooms Master Stateroom - One (1) Queen VIP Stateroom - One (1) Queen Bunkbed Stateroom - Two (2) Twins Crew Stateroom - One (1) Twin Pilot House - One (1) Queen and One (1) Twin
Heads:	Three (3)
Master Head:	Jacuzzi tub/shower, sink, storage, Sanimarine Elite Toilet, 12V exhaust blower, 8” port hole with 3/4” glass, screen and aluminum cover
VIP Head:	Connecting door to VIP stateroom and door to hallway, large walk-in shower, Sanimarine Elite Toilet, sink, 12V exhaust blower
Salon Head:	Walk-in shower, sink, 12V exhaust blower, window
Note:	This head is next to the sliding door entrance to the salon and is designed to also be used as a significantly effective drying locker with many hooks in the shower and head.
Heat in Salon Head:	Two Sources 1) Heater Craft forced air heat exchanger from main generator coolant 2) 240V Electric heater

Gray Water: Tank Capacity - 160 gallons (2 - 80 gallon tanks)

Holding Tank: MSD tank capacity, 34 US gallons, polypropylene tank with 2” high pressure wired discharge hose (Tank, polypropylene pipe & hose New June/2023)

GALLEY FEATURES:

- Teak Wood finish and trim
- Kenmore stainless side-by-side two door refrigerator/freezer
- GE stainless steel convection oven with stove
- Whirlpool microwave oven
- Kenmore Elite stainless dishwasher
- Kenmore Elite Trash Compactor
- Twin stainless steel sinks
- In-sinkerator garbage disposal
- Coffeemaker
- Toaster
- 6-person Dinette
- 4-person bench for counter seating

OTHER APPLIANCES:

- GE Stand up freezer, 21 cubic feet
- Beverage Air 2-Door UCF 67, 20 cubic ft stainless freezer
- Manitowoc Q130 under counter ice machine in freezer hatch room
- Kenmore Elite, 3.1 cubic foot washer
- Kenmore Elite, 5.7 cubic foot dryer
- Jacuzzi, 5’ x 32” tub (located in master stateroom head)

SALON FEATURES:

- Teak Wood finish and trim
- Flexsteel leather couch bolted to floor
- Barca Lounger Reclining Chair bolted to floor
- Sharp Aquos Plasma TV
- LG DVD/VHS

INTERIOR FURNISHINGS:

- One (1) H.O. Bostrom helm chair; model Sierra TOR-380LX Seasport
- One (1) Flexsteel leather couch; model 3935-30 926-70
- One (1) Barcalounger chair; model Skyhawk 7-6006
- All other furnishings; Benches, beds, settee, cabinets, counters and dinette are part of welded framing

- Marine Deck 2000 cork flooring in salon, pilot house, stairs, heads and lower hallway
- Carpet laid over Marine Deck 2000 in high traffic areas
- Carpeting in pilot house, galley, salon, salon head, and lower hallway replaced in 2023
- Carpet on stairs replaced 2026

LIGHTING:

- Sonaray (New in 2022): two (2), LED forward facing 240 volt 2200k 520W LED (More powerful than 2-1000 watt hi-pressure sodium lights)
- One (1) 19" Perko 1900 series Solar-Ray searchlight
- Six (6), 110 VAC 1000 watt metal halide floodlights
  2 Stern, 2 Portside, 2 Starboard side - Installed in 2008
- Twenty Seven (27) Perko 12 volt 3 x 5 and 4 x 6 halogen 50 watt deck lights:
  2 Forward deck
  5 Upper deck
  9 Back deck
  2 Stern steps
  3 Generator hatch
  3 Freezer hatch
  3 Lazarette
- Four (4), 200 watt halogen floodlights:
  2 Radar arch directed to upper deck
  2 Back deck
- Seven (7), 110 VAC 60 watt LED yellow bulb caged deck lights:
  1 Upper deck
  2 Port side
  2 Starboard side
  2 Stern
- Engine Room 110 VAC fluorescent lighting
  12 VDC back up lighting
- Interior lights in ceiling 110 VAC transformed to 12 VDC. The bulbs are LED bulbs.
- 12 volt backup lighting in all rooms

CABIN HEATING:

- Three (3) Heater Craft Engine Coolant heat exchanged forced air cabin heaters
  - Generator has TACO circulating pump and heats salon: 3 vents; upstairs head: 1 vent
  - Starboard engine has TACO circulating pump and heats pilothouse dash/defrost: 4 vents
  - Port engine heats lower hallway between engine room door and VIP bath
- Seventeen (17), Boat Safe CH-2422 Dial A Watt stainless electric heaters located throughout the vessel, 240 volt manufactured by King Electric

ENGINE ROOM HEATING:

- Two (2), Boat Safe 1-KW & 1-750W Engine Room Specific Heaters

FISHING EQUIPMENT

- Insulated Fishhold 36”L x 52”W x 16”D Foamed and coated (Back deck)
- Live well fed by saltwater circulating pump (Back deck)
- Large Fishing Gear Locker 9’ tall (Back deck)
- Fish Cleaning Station - sliding table, built in knife storage, hot and cold running water
- Multiple fishing rod holders inside back deck for storage
- Multiple rod holders throughout back deck rail for active fishing

FIGHTING CHAIRS:

- Nautical Design Fighting chair, Model name: Marlin
- Pedestal Mount - Back deck center stern
- Pedestal Mount - Upper deck starboard stern

DOWN RIGGERS:

- Six (6) Cannon MAG 20-DT
- Six (6) Pedestal mounts on back deck

DINGHY/TENDERS:

- 2020; 13.5’ Inmar #420R-PT aluminum hulled RIB (rigid inflatable boat) with Honda 30 HP Outboard

Cost of tender new in 2020 was $17,700.00, this included outboard and filter, electronics, battery, fuel tank and bilge pump

HOISTS/DAVITS (Primary)

- One (1) Marquipt 2000 Tender Lift powered by direct driven Baldor 3 HP pump 240 VAC motor with 10 gallon coated steel receiving tank in freezer hatch room

HYDRAULICS POWERED BY STARBOARD ENGINE - PTO

- BOW THRUSTER:
  One (1) 25 HP Wesmar model V2-12 hydraulic bow thruster
- POT PULLER
  One (1) Kolstrand pot puller (Hydraulic motor New 5/2025)
- HYDRAULIC ALUMINUM DAVIT with Pullmaster hydraulic winch (Backup davit) (Hydraulic Ram for lift New 9/2025)
- WASH DOWN SYSTEM
  One (1) Kolstrand AKPAK2HYD, 1 1/2” Bilge/Wash Down Pump
  Additional 1 1/2” hose with Quick Connect stowed upper deck forward box (enough length to access all areas of vessel for emergency dewatering)
  Has been used to dewater/save other vessels in distress
- ANCHOR WINCH WINDLASS
  One (1) Kolstrand partially closed drum, model 20 x 20, hydraulic anchor drum winch.

GROUND TACKLE

- ANCHORS:
  One (1) 165 lb Bruce galvanized anchor
- CHAINS AND RODE
  100’ of 5/8” galvanized chain
  275’ of 7/16 galvanized steel cable (New 6/24)
- BACKUP ANCHOR, CHAIN AND RODE
  66 lb Bruce Anchor Bolted in place in Lazarette
  100 ft of 3/8” galvanized steel chain in Lazarette
  1/2” Anchor Rode in plastic trash can on upper deck

OIL CHANGING SYSTEM:

- One (1) Reverso GP3023-12 oil change manifold

VENTILATION/BLOWERS/FANS

- Engine Room
  Two (2) Sayson 240 VAC axial blowers in louvered type vented stack housing on upper deck
- Generator and freezer hatch rooms have an in-line 3” Rule 12 volt blower in each

PORTHOLES
- Five (5) Total 8” portholes, 3/4” glass, aluminum cover, screen
  2 Master stateroom
  1 Master head
  1 VIP stateroom
  1 Bunkbed stateroom

MAIN ENGINES
EXHAUST SYSTEM:
- Two (2) Centek 10” combo SEP wet exhaust engine mufflers.
  Note: New in 2023, replaced the starboard engine wet exhaust elbow, exhaust hose, stainless steel sleeves and rubber elbows from engine to wet exhaust muffler.
  New 10/2025, replaced the port engine wet exhaust elbow, exhaust hose, stainless sleeves and rubber elbow from engine to wet exhaust muffler. Replaced pyrometer thermometer sender in exhaust elbow.

FUEL SHUTOFFS:
- Ball valve types located at the tanks and Racor fuel/water separator filters

SOUND AND THERMAL INSULATION:
- Engine Room and Generator Hatch Compartment
  1 1/2 to 3” foam with vinyl barrier throughout
- Forward of Engine Room there is 2-3” of sprayed closed cell foam throughout

ENGINE ALARMS
- Two (2) main engine panels located in the pilot house, oil pressure, pyrometer, water temperature, gear oil pressure
- Visual and audible alarms

SHAFT SEALS:

- PYI Inc pack-less sealing system shaft seals

ENGINE ROOM HEATERS:
- Engine Room - Two (2) Boat Safe 1000 watt heaters (for winterization heat in engine room)

WINTERIZATION
- One (1) 76 gallon tank with RV antifreeze for winterization

COOLING SYSTEM:
- Type: Raw water heat exchanger system

RAW WATER STRAINERS:
- Engine Room: two (2) Groco 3” for main engines, non-metallic filter baskets (3” wired exhaust hose replaced from thruhull ball valve to main engines in 2023)
- Engine Room Groco 2” for engine room generator and water maker, non-metallic filter basket
- Freezer hatch ARG P series 3/4” intake for aft generator with non-metallic filter basket

LUBRICATION CAPACITY
- One (1) 76 gallon aluminum tank for oil, located starboard side in the engine compartment

HYDRAULIC OIL CAPACITY
- One (1) 50 US gallon aluminum tank, located starboard side of engine compartment

ELECTRICAL SYSTEM (DC SYSTEM)
- VOLTAGE: 12 VDC, with the exception of 24 VDC for the Simrad CE54

BATTERIES:
- Stern Generator 8D AMG
- Engine Room Generator 8D AMG (New 2026)
- Engine Room Starboard Main Engine 2 - 8D Deep Cycle
- Engine Room Port Main Engine 8D Deep Cycle
- Pilot House 5 Optima Blue Top D34M

3 House Batteries
2 Batteries for 24 volt system for Simrad Systems

CHARGING SYSTEM:
- Two (2) 130 amp alternators (one each main engine)
- One (1) Simrad 12 VDC to 24 VDC power converter
- One (1) 50 amp charger below helm console
- One (1) Newmar PT-4OU, 40 amp charger in the engine room
  - New (6/2024)

WIRING:
- All multi-strand, copper conductor marine grade wiring throughout the vessel

SHORE POWER INLET:
- Marinco connector located starboard side stern

SHORE POWER:
- 125/250VAC; 50amp

AC SOURCE SELECTOR SWITCH:
- Engine room power panel, source selector for VAC shore power/ Generator 1/Generator 2

PANELS:
- Engine room: One (1) VDC panel; TWO (2) VAC PANELS
- Pilothouse under dash: One (1) VAC panel
- Pilothouse Dash: One (1) Blue Seas VAC/VDC panel
- Back deck “Bird House”: One (1) Blue Seas VAC/VDC panel

CIRCUIT LOAD MONITORS:
- Blue Seas systems, located at VAC distribution panel in engine room
- Additional Blue Seas System on panel in Pilothouse

TRANSFORMER:
- Charles 12 KVA, ISO-transformer, Model: 93-IXFMR121-A

FRESH WATER SYSTEM:
- Fresh water pump: Everbilt J100A3 1/2 HP 230 volt (New 8/2025)
- Pressure tank: Welltrol 20 gallon

FILTERS:
- One (1) Pentair Omni Filter House Water Filter System (New 9/24)

WATER MAKING SYSTEM:
- One (1) Village Marine Tec PW 1200 GPD desalinator (Osmosis type watermaker), Serial number: 11293 (Membranes New 2026)
- One (1) village Marine Tec CMF Boost 1200 media boost, Serial number 11298

STEERING SYSTEM:
TYPE: Hydraulic
MANUFACTURER: Hamilton Jet
MODEL: 1225PF Hydraulic steering power unit
NUMBER OF STATIONS: Pilothouse and starboard side stern
PUMP AND RAM:
- Jastram hydraulic steering ram
- Jastram hydraulic helm pump
- Jastram jog lever
- Throttle Controls: Twin ZF Mathers Micro Commander electronic controllers, located in the pilot house and aft pilot station

RUDDER POSITION INDICATOR:
- Two (2) Hamilton Jet rudder angle indicators one located to the left side of the helm and one at the aft helm station

ELECTRONICS AND NAVIGATION EQUIPMENT:
COMMUNICATION SYSTEM:
- StarLink in motion system (New 6/2024)

VHF:
- One (1) Icom VHF, model IC-M54B, serial number 0104362
- One (1) Icom VHF, model IC-M602B, serial number 0102522
- One (1) VHF (Back Deck Birdhouse)
- Four (4) Icom VHF hand held IC-M36 with two (2) quick chargers

RADAR:
- One (1) Furuno model 1621-MKII, serial number: 3372-3802
- One (1) Furuno model DRS 4W (4KW), 24 NM (New 6/24)

- One (1) Simrad, model 6ft open array 12 KW, serial number: R010815
  72 nautical mile radar

RADAR, SOUNDER & GPS COMBO UNIT

- One (1) Simrad; model CA54 radar/chart/sounder
  One (1) Simrad; model Combi CXDCR 38/200 transducer 1000 W
- One (1) Simrad; model CE32, serial number: 0011.231,481 chart/sounder
  One (1) Simrad; EQ/CE30 XDCR 50/200 transducer 600 W
- Standard Horizon #300 GPS Chartplotter (In Master Stateroom)

MISCELLANEOUS ELECTRONICS:

- One (1) Comnav 1101 autopilot
- Two (2) Simrad model IS15 Combi display units
- One (1) Simrad model IS15 Wind system anemometer
- One (1) Exxis security camera system, 12: BW quad system monitor
  There are four (4) closed circuit cameras, 3 in the engine room and 1 on the aft deck
- One (1) Calypso ultrasonic portable solar wind meter (New 9/26)

COMPASS:

- One (1) 6” Dirigo Magnetic Compass connected to autopilot center of dash in pilothouse

INTERCOM/COMMUNICATIONS

- Newmar Intercom System: seven (7) handsets secured into interior living spaces and engine room

ANTENNAS:

- One (1) Morad VHF antenna, model VHF 156 10DB (Antenna and coax cable NEW 6/2024)
- Two (2) Morad VHF antenna model VHF 156 HD
- One (1) Morad UHF 800 cellar antenna
- One (1) Motorola fixed mast satellite phone antenna

BAROMETER:

- Weems & Plath (mounted on the aft side of the pilothouse)

SHIPS CLOCK:

- Weems & Plath (mounted on the aft side of the pilothouse)

SAT/CELLULAR PHONE:

- One (1) Motorola model 529-5900 cellular phone

AFT STEERING STATION:

- Rear Steering Station:

Mathers engine controls (New 7/25), depth sounder, bow thruster controls, steering jog lever, and various VDC breakers, all under a weathertight glass covering

PILOT HOUSE ACCESSORIES

- Three (3) AFI multi-speed windshield wipers with fresh water washing system

E.P.I.R.B:

- One (1) ACR Global Fix V4, 406 mhm GPS satellite EPIRB. Serial number 2DCC3FE702FFBFF-13289
  EPIRB is registered to M/V Miss Brizz
- One (1) HydroFix EPIRB hydrostatic release, model HRU-100
- One (1) backup EPIRB

ELECTRONICS (ENTERTAINMENT) STEREO SYSTEM:

- Two (2) Poly Planar MRD608 marine stereo with AM/FM radio and connection for IPOD
  1 Salon, 1 Pilot House, Salon also has 6 CD changer

SPEAKERS:

- Numerous throughout the vessel

BONDING SYSTEM:

ZINC (HULL ZINC)

- Five (5) 20 lb stern zincs
- Two (2) 5/8” size B on the bow thruster
- Four (4) 3/8” collar bow thruster tube bars
- Two (2) #3 prop nut caps
- Note: hanging zincs during winterization

Vessel was dry docked 5/2023 and all zincs were replaced

SAFETY EQUIPMENT (UNITED STATES COAST GUARD)

NUMBER AND TYPE OF PFD’S:

- Ten (10) Immersion Suits
  Four (4) adult Mustang Ocean Commander
  Six (6) Sterns Cold Water Immersion Suits
  Five (5) Adult
  One (1) Child
- June/2024 - New ACR C light attached to all Immersion suits
- Multiple additional PFD’s

NUMBER OF THROWABLE PFD’S

- One (1) marine survival ring toss 30” with attached ACR strobe light (on bow)
- One (1) marine survival ring toss 20” with throw bag (on stern)
- One (1) Mustang survival throw stick (on stern)

FIXED FIRE EXTINGUISHING SYSTEM (CHEMICAL)
- Three (3) 1300 cubic foot Fireboy-Xintex MA2-1300-FE241 cylinders for chemical fire extinguisher system in engine compartment
- One (1) 175 cubic foot Fireboy-Xintex MA2-175-FE241 cylinder below helm console
- One (1) 375 cubic foot Fireboy-Xintex MA2-375-FE241 in generator hatch room

FIRE EXTINGUISHER: HANDHELD
- Two (2) 5 lb Fireboy-Xintex 70551 FE241 cylinders; one in the galley, one in the pilot house
- One (1) 11 lb 71100 FE241 cylinder in engine room below work bench

SOUND DEVICES:
- One (1) 12 volt DC horn
- Compress air horn also onboard

AUXILARY PUMPS:
- One (1) Honda gas powered 2” de-watering pump
- 2 lengths of 2 inch hose with couplers (stowed in upper forward box) and 2 lengths of 2 inch flat hose with coupler (stowed with dewatering pump)

LIFE RAFT:
- Two (2) Viking 8 Man SurvivalRafts in mounts with Hammer Hydrostatic releases

SMOKE DETECTOR:
Smoke/CO2 Detectors (battery operated),Total 15 units:
- One main salon
- One galley
- One crew head
- One pilothouse
- One VIP head
- One VIP stateroom

- One bunkbed stateroom
- Three engine room
- One crew room
- One master stateroom
- One master head
- Two under helm

BILGE PUMPS:
ALL have Rule Auto switch and high-water alarm wired to pilot house helm
- Two (2) Rule 2000 GPH stern freezer hatch bilge
- One (1) Rule 3700 GPH lazarette
- Two (2) Rule 3700 GPH engine room
- One (1) Rule 2000 GPH below master tub (low spot in hull access through sealed VIP closet hatch)
- One (1) Rule 3700 GPH bow thruster tube under master room floor
- One (1) Rule 1500 GPH gray water box in engine room

BELOW WATERLINE MACHINERY:
RUDDERS:
- Two (2) Proshop Model Aquamet 22, 2” stainless steel shafts with single blade rudders with dripless packing glands and dual hydraulic rams

PROPELLERS:
- Two (2) 2-1/2” bore, 7’1/4” hub length stainless steel 34 X 30 pitch propellers, one (1) RH and one (1) LH
- Spare set stainless steel props - Used - Stored off vessel

PROPELLER SHAFTS:
- Two (2) Propshop Model Aquamet 22, 2-1/2” diameter X 146” LOA stainless steel shafts

PROPELLER SHAFT (LOGS) TUBE(S):
- Dripless type ceramic packing gland

PARTS AND TOOLS
- Engine Room Work Bench
- Large Tool Box full of tools
- Shelves with totes full of tools and parts
- Multiple storage areas throughout vessel have significant parts and tools
- Additional parts are also stored off vessel

DOCK LINES & FENDERS

- Five (5) - 1 1/4” New England Rope Mega Braid Dock Line
- Five (5) - 3/4” New England Ropes Dock Line
- Many Commercial Grade Fenders

BOTTOM PAINT:

- Dry docked 5/2023 at Seward Marine Industrial Center (SMIC)
  Vessel received 4 coats of E paint SN1HP with a 5th coat at the water line

FUEL CONSUMPTION MAIN ENGINES

- Approximately 8 GPH per engine, Approximately 16 GPH total at cruise 1300 RPM
- Speed at cruise approximately 9.5 knots
- MPG at cruise approximately .65 MPG
- Range 1,000+ miles with 15% reserve *Does not include generator usage

FUEL CONSUMPTION GENERATORS

- Light Loads - Approximately 1 GPH
- Heavy Loads - Approximately 2 GPH