



# ARETI I

127' (38.71m) 2007 Burger Full Displacement Tri-Deck Motor Yacht  
Saint Augustine Florida United States



## OVERVIEW

Manufacturer: *Burger*

Engines:	2 Caterpillar	Hull Material:	Aluminum
Engine Model:	3508B - C Rating	Cruise Speed:	12 Knots
Engine HP:	1300	Max Speed:	14.4 Knots
Beam:	27' 6"	Cabins/Heads:	5 /
Max Draft:	7' 0"	Fuel Type:	Diesel
Water:	3033 G (11481.15 L)	Fuel:	14296 G (54116.22 L)

**\$9,950,000**



## Data Sheet

Category: Motor Yachts  
Subcategory: Trideck  
Condition: Used  
Model Year: 2007  
Refit Year: 2024  
Beam: 27'6" (8.38m)  
Max Draft: 7' (2.13m)  
Min Draft: 6' 4" (1.93m)  
LOA: 127' (38.71m)  
Cabins: 5

Maximum Speed: 14.4 Knots  
Cruise Speed: 12 Knots  
Range NM: 3800  
Fuel Type: Diesel  
Hull Material: Aluminum  
Hull Shape: Displacement

Gross Tonnage: 334  
Fuel Tank: 14296 gal (54116.22 liters)  
Fresh Water: 3033 gal (11481.15 liters)  
Holding Tank: 1108 gal (4194.23 liters)  
Classification: AMS +A1, Yachting Service  
American Bureau of Shipping +A1,  
Yachting Service, AMS  
MCA Certified: Yes  
Interior Designer: Douglas Richey

## Engines/Generators

### Engine 1

Caterpillar  
3508B - C Rating  
Inboard  
1300HP  
969.41KW  
Fuel: Diesel  
Hours: 4733  
Hours Date: 04-15-2024  
Year: 2007  
Serial #: 52F00113  
Location: Starboard

### Engine 2

Caterpillar  
3508B - C Rating  
Inboard  
1300HP  
969.41KW  
Fuel: Diesel  
Hours: 4735  
Hours Date: 04-15-2024  
Year: 2007  
Serial #: 52F00115  
Location: Port

## Summary/Description

2007 BURGER Full Displacement Tri-Deck Motor Yacht

## Specifications

### 1. MAIN CHARACTERISTICS

**TYPE:** Full-Displacement Tri-Deck Motor Yacht

**BUILDER:** Burger Boat Company

**HULL ID:** BRGJ505CJ707

**REGISTRATION NUMBER:** 740241

**IMO NUMBER:** 946-1726

**NAVAL ARCHITECT:** Don O'Keeffe – Burger Boat Company

**EXTERIOR DESIGN:** Don O'Keeffe – Burger Boat Company

**INTERIOR DESIGN:** Douglas Richey

**YEAR:** 2007

**REFIT:** 2024

**CLASSIFICATION:** ABS +A1, Yachting Service, AMS & MCA Certification

**FLAG:** Cayman Islands

**CONSTRUCTION:** Welded Aluminum Hull and Superstructure / Teak Decks

**ENGINES:** 2 x Caterpillar Diesel, Model 3508B, C(hp)-Rating (1300 hp @ 1835 rpm)

**GROSS TONNAGE:** 334

**LIGHT SHIP WEIGHT:** 193.78 LT (426,313 lbs.)

**FULL LOAD WEIGHT:** 263.13 LT (578,886 lbs.)

### 2. DIMENSIONS

**LOA:** 126.35' / 38.51m

**LWL:** 111.85' / 34.09m

**BEAM:** 27.52' / 8.4m max

**DRAFT:** 7.00' / 2.12m max

### 3. SPEED, RANGE & CONSUMPTION UNDER POWER

**MAXIMUM SPEED:** 14.4 knots

**HIGH CRUISING SPEED:** 13.5 knots

**CRUISING SPEED:** 12.00 knots

**ECONOMICAL SPEED:** 10.00 knots

**RANGE:** 2400 nm @ 13.5 knots; 3,800 nm @ 12 knots; 5,500 nm @ 10 knots

**FUEL CONSUMPTION:** 89 US gallons/hour (337 liters) @ 13.5 knots; 36 US gallons/hour (136 liters) @ 12 knots; 24 US gallons/hour (90 liters) @ 10 knots

### 4. CAPACITIES

**ACCOMMODATIONS:** 10 x Owners / Guests in 5 cabins

**CREW:** Up to 8 x Crew in 5 cabins

**FUEL:** 14,296 US Gallons / 54,116 liters

**FRESH WATER:** 3,033 US Gallons / 11,481 liters

**LUBE OIL:** 270 US gallons / 1,022 liters

**DIRTY OIL:** 270 US gallons / 1,022 liters

**GREY WATER:** 551 US gallons / 2,085 liters

**BLACK WATER:** 557 US gallons / 2,108 liters

**SLUDGE:** 94 US Gallons / 355 liters

### 5. MECHANICAL EQUIPMENT

**ENGINES:** 2 x Caterpillar 3508-B, Chp-rated, 969 kW (1,300 hp / 1,835 rpm / 64.1 US g/h). 52F00113 & 52F00115. Walker Air-Seps and Dual Racor fuel filters

**ENGINES HOURS:** PORT 4,733 hours, STBD 4,735 hours (15Apr24). CATERPILLAR require these engines to undergo a top end overhaul when they reach 7,500 hours or when 512,500 gallons of fuel has been consumed per engine. ARETI I, has consumed only 98,026 gallons of fuel per engine to date (20%) and is at 60% of hours over 17-years.

**TRANSMISSIONS:** 2 x ZF Marine 3050, 2.952:1 reversing gears with self-trailing pumps.

**STABILIZERS:** Quantum Zero Speed 4 fin stabilizers, Model QC-1000E (current model)

**TOILET SYSTEM:** Headhunter Royal Flush Model SBS-3-G toilets & BDS-3-G bidet, fresh water.

**WASTE TREATMENT SYSTEM:** Hamann Wasser Technik USCG Type II waste treatment system

**STEERING SYSTEM:** Hamilton-Hough - Jastram Steering System

**PROPELLERS:** 2 x Teignbridge 5-bladed fixed-pitch

**BOW THRUSTER:** Quantum QT 120 – 120 HP hydraulic bow thruster

**AIR CONDITIONING:** Marine Air 360,000 BTU - 3 x Marine Air compressors, scroll-type, 120,000 BTU (10-Tons) ea.

**HYDRAULICS:** Quantum Central Hydraulic System QIS-160 with (2) 20 HP 220-V motors for zero speed capability

**CONTROLS:** Kobelt electronic controls model 6525

**HORNS / COMPRESSORS:** Kahlenberg F-2 Five-Horn w/whistle & control system-Powerex Compressor

**BILGE PUMPS:** Jabsco

**ENGINE ROOM VENTILATION:** Delta-T, Model 600-P/T4, engine room ventilation system with touch pad controls and soft start/frequency drives for supply and exhaust fans

**FUEL CENTRIFUGE:** Kaydon Skid-Mounted Fuel Purification System, Model CF112-Burger-220

**VACUUM SYSTEM:** Nutone Central Vacuum System Model PP550

## 6. ELECTRICAL EQUIPMENT

**SHIP'S ELECTRIC SYSTEM:** 120/240/480 Volt AC 3-Phase 60-Hz / 12/24 Volt DC

**GENERATORS:** 2 x Northern Lights Model M1064T2.11, 65kW 1800 rpm 120/208 3-Ph. 60 Hz / John Deere engines.

**GENERATORS HOURS:** Fwd: 6,877 hours as of 15Apr2024, Aft: 6,421 hours 15Apr2024

**SHORE POWER:** Atlas, Model SPCL111, 75kVA Shorepower Converter with Seamless Transfer and Smart Box

**SWITCHBOARD:** Atlas Energy Systems fully-integrated electrical panel

**CABLE REELS:** (2) Glendinning CM-8 powered cable reels, positioned fore and aft

**BATTERIES:** Engine Starting: 2 x 24V 8D / Generator Starting: 2 x 12V 8D / Electronics: 2 x 12V 8D. Replaced 10/20

**MAIN ENGINE START:** Electric 24V DC

**GENERATOR START:** Electric 12V DC

**BATTERY CHARGERS:** 3 x Mastervolt chargers MASS-24/12/100

## 7. WATER SYSTEM

**FRESH WATER SYSTEM:** (2) Davey Marine Dynaflo fresh water pumps, Headhunter AVF-18 18 Gal. Fiberglass Accumulator Tank, Bell & Gossett Hot Water Recirculation Pump, Aquapure UV Water Purification System

**WATER MAKER:** Matrix Model 2600 (410 liters per hour / 2,600 GPD) Reverse Osmosis Water Maker

**WATER HEATER:** (2) Everlast 80-Gallon Commercial Dual-Element 240-VAC Electric Water Heaters

**WATER PURIFIER:** Pentair PAK-7 Dual Membrane Water Purifier / Softener with 30-Gallon Salt Tank

## 8. NAVIGATION EQUIPMENT

**RADARS:** Furuno, Model RF2127-BB, FAR-21, S Band, color radar – 30kW Transmitter, 10-ft Antenna and Furuno, Model RF2127-BB, FAR-21, X Band, color radar – 25kW Transmitter, 8-ft Antenna

**AIS:** Furuno Automatic vessel ID system, Model FA 150

**AUTOPILOT:** Sperry Marine, Model Navipilot 4000

**COLOR SOUNDER:** Furuno FCV-1200L sounder and keypad

**DEPTH DISPLAY:** Furuno RD30

**DISPLAY MONITORS:** (4) VIE 20" monitors, ea. interchangeable with Radar, CCTV, Plotter and Alarm/Monitoring

**GPS:** (2) Northstar 6000i

**GYROCOMPASS:** Sperry, Model NAVAGAT Fiber-Optic Gyrocompass System and Rudder Angle Indicator

**DGPS:** (2) Furuno GP 37

**VHF:** (4) ICOM M88 radios with remote mics

**W/D/S MONITOR:** (2) B&G Hydra 2000 systems and remote monitors at each wing station

**NAVTEX RECEIVER:** Furuno, model NX-700A/B

**DIGITAL TV:** Sea Tel 4004-1 with DA4000 digital antenna

**ALARM SYSTEM:** SiMON integrated vessel alarm and monitoring system

**SEARCHLIGHTS:** (2) Carlisle & Finch Model CFX-350 (1) Carlisle & Finch mast mounted with joystick controls

**MAGNETIC COMPASS:** Danforth Constellation 8"

**NAVTEX RECEIVER:** Furuno Model NX700A/B

## 9. COMMUNICATION EQUIPMENT

**SATCOM:** Fleet 55, Nera F55, Furuno Inmarsat C, Model Felcom 15

**VHF:** (2) ICOM handheld Model IC-M88

**VHF TRANSCEIVER:** Standard Horizon Model GX2360S

**VHF RADIO TELEPHONE:** Furuno Model FM8800S

**SSB:** SEA 2251 / SEA 2250 / SEA 1625

**TELEPHONE SYSTEM:** Panasonic KXT 61610 / Cordless KXT 9500

**CELL SYSTEM:** Motorola TVM-200

**WIFI:** KVH Marine Broadband Wi-Fi Router MBR-400 Wi-Fi access throughout

## 10. DECK EQUIPMENT

**WINDLASSES:** 2 x Maxwell VWC-8000-H1bb Hydraulic with chain stoppers

**AFT WARPING CAPSTANS:** 2 x Maxwell VC-4000-H Hydraulic

**ANCHORS:** 2 x 350-lb Poole HHP type, stainless steel

**ANCHOR CHAINS:** 1 x 4-shots (360') 1/2" chain port and 1 x 4-shots (360') 1/2" chain starboard

**BOAT CRANE:** Boat Deck: Nautical Structures EZ-4000, extendable boom crane, 4,000 lbs capacity

**PASSERELLE:** Nautical Structures NGCAA30, double-telescoping passerelle luffs +/- 20 degrees and slews up to 90 degrees, fully hydraulic, self-centering, slew-lock and float functions. Can support 600-lbs fully extended.

**BOARDING LADDER:** Marquipt Sea Stair Model ASTRB19R – 9 steps

**SWIM PLATFORM:** Teak covered, with shower and deck cleats

**COVERS:** For tender, jet skis and all exterior deck furniture

## 11. ENTERTAINMENT EQUIPMENT

**GENERAL:** Sony LCD flat screen TVs in all Staterooms, Main Salon, Sky Lounge, Captain's and Crew's Quarters.

**SAT TV ANTENNA:** KVH Trak Vision HD Satellite TV Antennas, Cabling and associated below deck receivers

## 12. GALLEY & LAUNDRY EQUIPMENT

### GALLEY

**CHILLER:** Elkay Water Chiller, Model ER21Y

**DISHWASHERS:** Viking, Model DFUD-142P-SS and GE, Model KUDD01DS-SS

**EXHAUST HOOD:** Viking, Model VWH3048-SS-CR

**GARBAGE DISPOSAL:** Viking, Model VCFW1000

**ICE MAKER:** Sub-Zero, Model 315P

**MICROWAVE:** Viking, Model DMOC205-SS

**OVENS:** Viking, Model VES0130-SS

**RANGE:** Viking, Model VESC3064B-SS



**RANGE HOOD:** Viking, Model VIV600-SS

**REFRIGERATORS:** Sub-Zero, Models 249RP- RH *and* 249RP-LH

**REFRIGERATOR/FREEZER:** Sub-Zero, Models 736TC *and* 700TC-LH

**REFRIGERATOR:** GE, Model GTR11AAPARWW

**TRASH COMPACTOR:** Viking, Model VUC-181-SS

#### **LAUNDRY**

**WASHER:** Bosch, Model WFR2460UC

**DRYER:** Bosch, Model WTA4400US

**WASHER:** Miele, Model PW6065-PLUS

### **13. SAFETY & SECURITY EQUIPMENT**

**SAFETY:** 4 x Viking 20-Person life rafts, 4 x Life rings, 30 x life vests 2 x EPIRBS, 36 x Safety flares

**FIRE FIGHTING:** CO2 fire extinguishing system in engine room 24 Fire Extinguishers throughout, Smoke/Fire detection system throughout. Yanmar Diesel Fire Pump, Model MP 29618-DYV36B

**SECURITY:** CCTV System: Elbex Digital Video 4 x Security cameras 2 x Monitors in Pilothouse, Safes in Master and Captain Cabins, Honeywell Security System with 3 keypads

### **14. TENDER & WATERSPORT EQUIPMENT**

**TENDER:** 1 x 5.80m Nautica RIB 19-foot Deluxe with Honda 115-hp

**WATERSPORTS:** 2 x SEADOO Spark Jet Skis (2016)

### **15. REFIT & MAINTENANCE NOTES**

Over the years since the boat was built for the current owner, all systems, machinery, appliances, electronics and appurtenances have been continually serviced, updated or replaced. Most all of the annual shipyard periods have been carried out at Rybovich in North Palm Beach, the owner's and captain's preferred shipyard facility.

#### **2024 (March/April)**

ABS/MCA inspection and recertification

All Life Rafts recertified

All thru-hull valves inspected and/or replaced

Aft and forward engine room bilges coated and painted with epoxy



Entire Boat waxed and polished

New bottom coating applied

New prop-speed applied

Nautical Structures crane fully serviced and new Spectra line installed

Spotlights, winches and capstans re-plated

Re-plated interior bathroom fixtures

Jet skis serviced

All exterior polished stainless-steel door handles and bezels replaced

Sundeck barstool cushions replaced

Teak Caprails stripped and recoated with 14 coats

Teak Decks sanded and treated

## 16. BROKER'S COMMENTS

**ARETI I**'s Burger pedigree has been maintained since her original launch, with all systems and equipment consistently serviced and/or upgraded. Preventative maintenance has always remained a top priority.

The interior design brilliance of Douglas Richey coupled with the naval architecture and exterior styling flair of Don O'Keeffe and the exceptional craftsmanship and engineering expertise of the Burger shipyard, created this beautiful Tri-Deck Motor Yacht, which so elegantly bridges the gap between the most classic Burgers and the more modern, higher freeboard designs. In short, **ARETI I** is simply stunning from all perspectives and she serves up four decks of luxurious comfort and entertainment, including several inviting outdoor living spaces for all to enjoy.

Her recent yard period of scheduled maintenance and service continually keeps her at a superior level of yachts her age and in immaculate, superbly-maintained condition.

**ARETI I is in turn-key condition in every way and ready to cruise in complete comfort, safety and luxury.**

## KEY FEATURES

- Burger pedigree yacht - The "Rolls-Royce" of US yacht builders
- Full-Displacement yacht with Trans-Atlantic Range.
- One owner since new and same captain since the boat was built

- Excellent ownership and an open-checkbook maintenance history
- Impeccable condition throughout
- Only ever privately (lightly) used
- Built and maintained to full ABS / MCA Certification
- Complete Repaint Jan 2022 at Rybovich - WPB
- Quantum Four-Fin Zero-Speed® Stabilizers
- Heavy-Duty Nautical Structures Crane and Passerelle
- Eurocave 200-Bottle Wine Cellar
- Yamaha Clavinova Digital Piano in the Main Salon
- Steam shower in Master Stateroom and Sauna in the below-deck stateroom corridor

## Disclaimer

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