



# CARMELLA

93' (28.04m) 1999 Vitters Performance Cruiser  
Newport Rhode Island United States



## OVERVIEW

Manufacturer:	Vitters		
Engines:	1 Caterpillar	Hull Material:	Aluminum
Engine Model:	3116TA	Cruise Speed:	9 Knots
Engine HP:	255	Max Speed:	10 Knots
Beam:	19' 5"	Cabins/Heads:	3 / 1
Max Draft:	9' 5"	Fuel Type:	Diesel
Water:	800 G (3028.33 L)	Fuel:	1180 G (4466.78 L)

**\$1,495,000**





## Data Sheet

Category: Ketch

Condition: Used

Model Year: 1999

Refit Year: 2021

Beam: 19'5" (5.92m)

Max Draft: 9' 5" (2.87m)

LOA: 92' 5" (28.17m)

Cabins: 3

Sleeps: 6

Heads: 1

Crew Cabins: 1

Crew Sleeps: 2

Maximum Speed: 10 Knots

Cruise Speed: 9 Knots

Fuel Type: Diesel

Hull Material: Aluminum

Displacement: 131000 lbs

Fuel Tank: 1180 gal (4466.78 liters)

Fresh Water: 800 gal (3028.33 liters)

Designer: Redman Whitley

## Engines/Generators

### Engine 1

Caterpillar

3116TA

Inboard

255HP

Fuel: Diesel

Hours: 10700

Hours Date: 02-01-2018

### Generator 1

Kohlar

23KW

Hours: 1000

## Summary/Description

CARMELLA is a modern classic in every sense of the term; modern in all sailhandling, navigation, electronics and systems - and classic in profile, fit and finish throughout, with elegant accommodations. She has always been maintained to the highest standards.

CARMELLA was custom designed for a very experienced yachtsman who participated fully in all aspects of design and construction, along with the Naval Architects from Sparkman & Stephens, Marine Construction Management of Newport and Redman Whitely, interior designers. This collaboration created a magnificent yacht in all respects. She was awarded the Superyacht Society, Best Sailing Yacht Interior, 1999.

CARMELLA is a modern classic, with elegant lines and just enough exterior varnished teak brightwork to set her apart from all others. The Yacht is fast and easy to handle on all points of sail, with carbon spars, Park Avenue booms and full hydraulic sail handling with sheets conveniently led within reach of the helm station. Her classic profile is balanced by fully state of the art rig, sailplan and amenities below decks.

Her interior provides a well-appointed pilothouse area with excellent visibility, full controls, comprehensive navigation and communication station, and a comfortable settee. The full-width Owner's stateroom is aft, with a companionway to the private aft Owner's cockpit. She has two guest staterooms, both with ensuite heads and stall showers, an elegant main salon, gourmet galley and separate crew quarters including office/lounge area.

The Yacht has been maintained to the highest standards.

## Vessel Overview

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## Accommodations

CARMELLA won the Superyachts Best Interior award for good reason. Her interior is crafted of raised panel, matched grain Mahogany in the Herreschoff style, accented with raised panel upper bulkheads and trim work. The Redman Whitely styling, from finishes to lamps and décor is simply elegant.

The low profile PILOTHOUSE is four steps down from the helm cockpit, with a full settee to port that offers good line of sight visibility to deck level through ten large windows, and provides a perfect sea berth. There are reading lights fore and aft and a stowage cabinet aft with drawers and book locker above. The comprehensive navigation/communication station is to starboard, with a swivel leather seat and good access to all computers and equipment, engine controls and autopilot. Visibility from this area is also unobstructed for 270 degrees; port, starboard and forward for offshore watchkeeping. Entertainment is provided by built-in speakers from the main salon stereo system.

The MAIN SALON aboard CARMELLA is full width amidships, with a classic varnished teak skylight, 2 large deck hatches and 4 large portholes outboard which further enhance the apparent width of the already sizeable space. There is a full dining table outboard to port with a built in settee outboard and comfortable chairs on three sides, allowing seating for 6, increased to 8 with use of the identical chair from the owner's desk. Outboard of the settee is a Plasma flat screen which rolls out on cars into the porthole recess from behind the aft cupboard, driven by the onboard entertainment systems, for photo presentations or DVDs. Outboard to starboard is a leather couch and cocktail table, and an end table forward containing a refrigerated locker, and liquor locker outboard. Adjacent fitted cupboards for 14 tumblers, 12 wine goblets, 12 red wine glasses, 12 sherry glasses, 6 brandy balloons, 12 Champagne glasses, 8 beer flutes, glass water jug and tea service for 8. Forward to starboard is a bar top with two custom bar stools that separate the salon from the galley, on centerline a custom wine storage rack for 40 bottles. Outboard to port is a full height bookcase and end table with stowage lockers for 16+ each of Spode dinner service with Carmella Monogram logo, 12+ each of Doulton daytime service, plus serving dishes and platters mats, napkins etc.. On the aft, starboard bulkhead there is a fully reconditioned antique wood or charcoal burning stove which is a magnificent sculpture with practical applications. It vents through a 'Charlie Noble' on the starboard side deck.

The GALLEY is forward and to starboard of the salon, with granite countertops, double stainless steel sinks, abundant cabinet stowage, china and pantry stowage inboard and all equipment for gourmet cooking.

Additional Galley features:

- Alpes Inox gimbaled propane stove
- SMEG gimbaled propane oven with electric grill
- Alpes Inox vent hood/extractor fan
- Broan trash compactor
- Frigoboat refrigeration (3 refrigerated compartments)
- Frigoboat freezer (below galley sole)
- Pantry locker
- Miele washer with rapid cycle 32 minute wash option & separate dryer (crew area)
- Purified water tap
- 2 deck hatches

The OWNER'S STATEROOM is aft, with a full double berth outboard to port, book shelves aft and drawer stowage below. Outboard to starboard is a comfortable settee that converts to a sea berth. There is a writing desk/office area forward to starboard with a locker outboard housing a printer, SSB control head, CAT5 and entertainment equipment for the aft cabin; DVD and stereo. Above the desk a flat screen 22" LCD screen angles to face the berth. Centerline aft is the companionway to the private aft Owner's cockpit. As in all areas aboard, the stateroom has an abundance of natural light and ventilation via four opening portholes, two large deck hatches

and the companionway. The ENSUITE OWNER'S HEAD is forward to port, with a full stall shower, designer fixtures, Vacu-flush head, opening ports and deck hatches.

The AFT GUEST STATEROOM is forward in the passageway to starboard, with twin lower berths and night table at center, drawer stowage below the berths and in a bureau to starboard with hanging locker outboard, a deck prism for natural lighting and opening port and hatch for natural ventilation. The ENSUITE HEAD is forward, with full stall shower, detailing similar to the master head and one opening porthole.

The FORWARD GUEST STATEROOM is forward to port of the main salon, with sizeable over and under berths, plenty stowage in bureau, drawers below the berths and hanging locker, plus large bookshelves, one porthole and two deck hatches. This stateroom also has a full ensuite head and a stall shower with porthole and hatches.

The CREW AREA aboard CARMELLA is forward of the galley and self-contained, with all features and amenities including an office area with "L" shaped settee, desk that converts to dining area, full inboard bulkhead lockers, drawers, shelves, stereo, bookshelves, a porthole and deck hatch. Farther forward is the CREW STATEROOM, with a convertible double lower berth with upper berth as well, bureau and hanging locker stowage, deck hatch and a companionway to the foredeck via the crew scuttle equipped with a dodger. It has an ensuite head with stall shower with a deck hatch and a light prism. The washer and dryer are located on either side of the centerline shower making clever use of the space allowed by the flare of the hull.

## Deck and Hull

Aluminum hull, deck and superstructure with teak overlay decking. Aluminum skeg-hung rudder with cable/quadrant steering and lead filled, foil shaped keel, all built to exceptionally close tolerances by Vitters Shipyard. Awlgrip paint finishes on topsides, superstructure and deck areas. (Cockpit, Deck & Superstructure Awlgrip, 2015) Topsides painted Jade Mist Green currently in good condition.

The deck layout aboard CARMELLA completes the yacht's classic profile, while providing an extremely efficient deck layout for sail handling, an abundance of clear and unobstructed deck areas, comfortable center helm and entertaining cockpit, well protected by the low profile pilothouse and dodger, plus a private owner's cockpit aft. She has a classic varnished teak skylight above the main salon, a number of flush mounted Rondal hatches and several ABI stainless steel hatches as well. Hull ports are Stainless and substantial for natural light and ventilation below.

### CENTER COCKPIT:

- Large drop leaf teak dining table
- Upholstered seating for 8 guests, 10 with use of the aft table extension which requires removal of the wheel (easy)
- Helm station with full controls & gauges
- B & G performance instrumentation and a B&G Hydra autopilot control head
- Cockpit table houses a 'pop up', full daylight screen for Plotter remote at helm
- Ice Maker
- Purified water spigot
- New Dodger w/opening center window (2015)
- Navtec hydraulic panel
- Stereo speakers with controllable jacks for extra Bose deck speakers driven by salon stereo
- B&G FFD beside wheel with B&G Hydra autopilot control head

- Bow thruster joystick with proportional control.

#### AFT COCKPIT:

- Upholstered seating port and starboard
- Full dodger
- (2) B & G 20/20 displays
- Companionway to Owner's stateroom
- Controllable jacks for extra Bose deck speakers driven by Owner Stereo.

## Engine Details

Caterpillar 3116TA 255 hp marine diesel, (10,700 hours/2/18) with Soundown mounts and ZF 3.16:1 reduction transmission with a remote Walters "V" drive. Kobelt electronic engine controls in cockpit and pilothouse. Exhaust system by Soundown, water drop muffler. Korsor four-blade variable pitch propeller, fully feathering and reversing for maneuvering while maintaining engine RPM for bow thruster. House, radio and start alternators. Hydraulic PTO on electromagnetic clutch. 50 gallon day tank w/transfer pumps & level alarms.

## Electrical

- 24 Volt DC and 240/120 Volt 50/60Hz AC Systems.
- 24 Volt system includes three banks of batteries all new 2012
- House/accessories, (14) #8D, AGM batteries for 1,470 amp/hrs @ 24V
- Engine/Generator start batteries, (2) for 200 amps @ 24V (New '20)
- Electronics batteries, (4) #8D AGM (New '19)
- Batteries are charged by engine driven high amp alternators, shore power or AC generator. Alternators include (2) Leese-Neville 175 AH for House and Electronics batteries and Caterpillar, and generator alternator for start batteries.

AC charging is provided by:

- (2) Mastervolt MASS 25/100 for house batteries (New'20)
- Mastervolt MASS 24/75 for electronics (New '20)
- Pro Sport HD 12/25 for starting (New '20)
- 12 KVA Isolation transformer with inputs of 308/3/50, 220/1/50, 220/3/60 or 240/1/60 - with output of 240/1/60 (or 50) and 120/1/60 (or 50)

AC Power is provided by:

- Kohlar 23KWH, 60 hz, diesel generator, (New '20)
- (3) Mastervolt MASS 24/3500 trapezoidal for general service
- 24/700 Sine wave for computers and electronics.

## Mechanical

REFRIGERATION: Frigoboat system and components; compressors, controls & holdover plates for refrigeration and



freezer(all new or completely rebuilt 2016). CARMELLA is self-sufficient and can be run "silent ship" with no generator running for extended periods due to a large battery capacity and AC hermetically sealed compressors running off the inverter. In the Tropics with the system working hard generator hours can be kept down to 4 or 5 p.d. if air-con is not required.

**AIR CONDITIONING AND HEATING:** Marine Air chiller/hot water system w/(3) 55,000 btu compressors. All thermostats, controls and air handlers are also Marine Air. Primary heating system is also Marine Air wit 2 x 6kW electric elements for the hot water loop. Air handlers located in each sleeping cabin, pilothouse, galley and 2 in the salon.

Espar diesel heater – provides for the aft guest and owner's cabins whilst in silent ship mode – the fwd areas get the fireplace!

**FRESH WATER:** (3) Integral aluminum water tanks with (2) Groco Paragon Senior pressure pumps with 'suck dry safety'. Groco pressure tank, 2 Allcraft 20 gallon hot water tanks (fwd and aft) w/AC and main engine clarifier systems. Fresh water shore side connection with inbuilt filtration and pressure regulator.

**WATERMAKER:** Matrix 1440 gallons per day, new membranes 2014.

**GRAY WATER:** (2) integral aluminum gray water tanks, 75 gallons each w/automatic float switches and level alarms. Henderson MkIV overboard pumps. Deck pump outs direct to screw cap deck fittings.

**BLACK WATER:** (2) integral aluminum black water tanks, 75 gallons each w/automatic float switches and level alarms. Overboard pumps by Sealand. Deck pump outs direct to screw cap deck fittings.

**HEADS:** (4) by Vacu-flush w/Sealand vacuum pumps & tanks

**BILGE:** High volume main bilge pump by Pacer, hydraulically operated, which seconds as the onboard fire pump. (4) Submersible Rule 3700 gph bilge pumps w/float switches by Rule, plus Edson 2" manual bilge pump. All bilges have high-level alarms.

**HYDRAULIC SYSTEM:** Bow thruster, windlass, Lewmar winches, Reckmann furlers and bilge/fire pump. Bow thruster power by Hydra-Power Systems PTO. Other hydraulics also by DC with (2) 5 hp motors. Primary hydraulic transfer box rebuilt, 2013.

**BOW THRUSTER:** By Hydra-Power Systems, 38 hp hydraulic in 12" diameter tunnel with variable power joy stick controls at the helm station.

## Sails, Rigging and Deck Gear

Ketch rig with carbon fiber main and mizzen masts, each with spreaders swept aft, carbon Park Avenue booms & lazy jacks by Offshore Spars. Navtec rod rigging to Navtec tensioners and hydraulic adjustable, Aramid split backstays. Reckmann hydraulic furling staysail and headstay and HPS hydraulics for winches. Also:

- Navtec manual hydraulic panel in cockpit w/autoshift & fast acting control valves for boomvangs, backstays, main & mizzen outhauls.
- Navtec Stainless Steel main and mizzen boomvangs
- All Rondal sailing hardware
- Antal main and mizzen tracks and cars.
- Kevlar running backstays.

11/7, Spars removed for complete service by RIG PRO; mast blocks replaced, spars re-wired for LED lighting, rig & standing rigging polished.

#### WINCHES:

- (2) Lewmar #111 SHST hydraulic 3 speed primary winches
- Lewmar #77 SHST hydraulic 3 speed main sheet winch
- Lewmar #77 SHST hydraulic staysail winches
- Lewmar #77 SHST hydraulic 3 speed running backstay winches
- Lewmar #77 SST mast winches
- Lewmar #77 SHST hydraulic 3 speed mast winch w/fairlead to other mast winches
- Lewmar #58 SHST hydraulic mizzen mast winches

WINDLASS: (2) Lewmar 5000 w/chain gypsies; top capstan on starboard

SAILS: Hood Vectran Woven cloth (v. tough and reliable)

- Mainsail - Doyle, (New 2018) fully battened with 2 deep reefs, tack and clew line separate.
- Mizzen - fully battened with one reef, single line reefing.
- 130% Genoa - Doyle 2013
- 110% Genoa - Hood
- Staysail - 100% Doyle 2013
- MPS - Marguerite green; North 2009 w/ATN sock
- Miz Staysail - Hood on furling drum
- Storm Trisail - Hood

## Electronics

- Brookes & Gatehouse H 5000 navigation/performance instruments, fully integrated w/compass, all wind functions, depth, speed, timers, etc.. (All new August 2019)
- New full function displays in all locations.
- Furuno FAR 2117 Radar in Pilothouse
- (2) Brookes & Gatehouse H 5000 Autopilots for complete redundancy. (All new August 2019)
- Comnav Autopilot at helm station w/joystick running Nobletec software
- (2) Furuno Gps units w/large screen plotter in pilothouse and at helm station
- COMMUNICATIONS:
- 2014 Lenovo Computer system and upgraded Vio Boat management system
- (2) ICOM VHF in pilothouse, one w/repeater at helm station
- Yachtspot GSM 4G/3G data with integral WiFi and antennae on mizzen

#### ENTERTAINMENT:

- Main Salon, Sony stereo, Sony radio receiver, Audiosource Amp (17) to output to PH and deck, Pioneer Multi-system CD/DVD/WMA/MP3/Photo viewer, Bose speakers with 2x
- DC Stereo w/Sonance speakers.
- Cockpit; speakers, powered by main salon stereo system w/cockpit controls.

## Other Features

- Novurania 400 DL Yacht Tender w/console & controls.
- Yamaha 40 HP4 stroke 40 hp outboard
- Custom Staalart stainless davits



- Multiplex carbon fiber passerelle
- Bauer compressor for 4 dive bottles
- 240# CQR anchor
- Fortress #FX125 secondary anchor
- Fortress #FX 85 stern anchor
- 130 meters 5/8" primary bower chain
- 300' braided nylon spliced to 150' 1/2" anchor chain for secondary.
- (2) 8 man Givens liferafts in cockpit seat lockers, current inspection
- (2) Man Overboard Module Jon Buoys
- Main cockpit and Owner's cockpit dodgers.
- Main cockpit bimini
- Mizzen/after deck awning and foredeck awning by Antigua Sails.
- Crew hatch dodger

## 2020 Maintenance Upgrades

- New Awlgrip, Topsides & accent stripes
- Toerails & waterways sandblasted to metal, primed & repainted w/Awlgrip
- Teak margin boards removed, re-bedded & refastened
- New Kohler 24 KWH generator
- New Mastervolt battery chargers
- Replaced Cutlass Bearing and shaft seals
- New upholstery in pilothouse and main salon
- Mast & rigging out and inspected

## Recent Refits and Upgrades

2009

- Assymetrical spinnaker (North)

2010

- All new teak decks
- New Awlgrip paint on deck, cockpit & superstructure areas

2011

- Complete interior re-varnish
- Strip and refinish cabin soles
- New Genoa (Doyle)

2012

- Complete rig refit, main and mizzen masts removed, re-wired, re-painted with Awlgrip, all new Navtec Rod rigging, Aramid

running backstays, new luff tracks, etc..

- All new running rigging; sheets & halyards
- New Mainsail (Doyle)
- New topsides paint, Awlgrip
- Complete Hundestadt propeller/stern tube/bearings refit
- New Miele Washer & Dryer
- All new batteries

## 2013

- New Forestaysail (Doyle)
- New pilothouse upholstery
- Teak cockpit coamings replaced with new, varnished teak by Lyman Morse
- Exterior varnish completely stripped & refinished by Lyman Morse
- New Novurania 400 DL tender
- Replacement Start batteries
- Navtec boomvang – complete rebuild

## 2014

- New Communication/Computer systems & Vio Boat management system upgrade
- New Kohler 23 DWH generator & hydraulic PTO
- Complete rebuild, hydraulic distribution block
- All new interior mattress cover
- New upholstery pilothouse settee
- New curtains main salon

## 2015

- Comprehensive out of water maintenance; bottom paint, zincs, propeller & thruster service, etc..
- All deck, cockpit & superstructure paint with Awlgrip, Cream
- Complete exterior varnish

## 2016

- All new refrigeration system by Frigoboat (3) refrigeration plus freezer
- Comprehensive annual out of water maintenance

## 2017

- Full rig, out of boat refit and service by Rig Pro, including re-wiring for LED lighting, new mast blocks,
- all standing rigging inspected and replaced as necessary and completely polished.
- Comprehensive service to teak decking; margin boards replaced along with other teak trim boards, all caulking removed & re-caulked and the decks sanded.
- New Awlgrip on cabin sides and bulwarks

- Hundestadt propeller shaft and seal, removed and serviced.
- Main engine timing checked and re-set
- New antifouling paint applied

2018

- Complete exterior varnish
- Complete out of water maintenance fall 2018; full antifoul, all zincs, thru hull service, propeller & thruster service
- Complete Caterpillar service including new injectors, pressure pump rebuild, new governor & overall service
- Rudder removed, new bearings & reinstalled
- All Rondal hatches removed, fully reconditioned and reinstalled by Lyman Morse
- New mainsail by Doyle sailmakers

2019

- Complete new Brookes & Gatehouse H 5000 navigation/performance instruments.
- New B & G full function displays in all locations throughout the yacht.
- (2) Brookes & Gatehouse H 5000 Autopilots, for complete redundancy.
- New Sail Cover
- New Cockpit Awning
- All sails removed, laundered and stored with North Sails

## Comments

CARMELLA is a yacht built to go places - in absolute comfort, style and with a good turn of speed. She was engineered to live away from the docks with no generator running - all systems except air conditioning run from the DC batteries so she's a silent ship. For high latitude cruising, the pilothouse controls and heating systems are well-conceived. In the tropics, with an abundance of opening hatches, hull ports and skylight, the natural ventilation is excellent - and backed up by powerful air conditioning. She is simple to handle under sail, with a seakindly motion and great performance. She is a proper yacht in all respects.





Port Tack



At Anchor Profile







Cockpit Forward



Cockpit





Aft Deck



Aft Cockpit





Mid Deck



Pilothouse Forward





Pilotage Starboard



Pilotage Aft





Salon Forward



Salon Port





Salon Aft



Salon Port



Salon Port





Salon Starboard





Galley Aft



Galley



Guest Cabin





Guest Cabin Bunk 3



Crew Cabin Forward



Crew Stateroom Aft





Crew Office



Twin Cabin Aft



Twin Cabin Forward



Master SR Aft





Master SR STBD



Master SR Port



Master Head





Engine Room



Off Newport



## S/Y CARMELLA - Interior Plan

