

## **BERING — BERING YACHTS**



**Builder:** BERING YACHTS

**Year Built:** 2018

**Model:** Expedition Yacht

**Price:** PRICE ON APPLICATION

**Location:** Turkey

**LOA:** 115' 0" (35.05m)

**Beam:** 30' 0" (9.14m)

**Max Draft:** 8' 2" (2.49m)

**Cruise Speed:** 10 Kts. (12 MPH)

**Max Speed:** 12 Kts. (14 MPH)

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# SPECIFICATIONS

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## Overview

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**Bering Yachts 115** is currently the flagship of the Bering fleet! Striking with her bold and powerful lines, she has been designed to be a superb transoceanic yacht, ready to take on the heaviest of seas with grace and efficiency due to her tall bow profile, providing the requisite buoyancy to rise up and over approaching swells. Her “expeditionary” profile is due to this bow profile as well as the Portuguese bridge and pilothouse, features that contribute to her functionality as well as aesthetics. The **Bering 115** is every bit as capable as she looks and with her enormous fuel capacity she can travel well over 6,000 nautical miles with full tanks

## Basic Information

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**Category:** Expedition Yacht

**Model Year:** 2018

**Year Built:** 2018

**Country:** Turkey

## Dimensions

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**LOA:** 115' 0" (35.05m)

**LWL:** 107' 0" (32.61m)

**Beam:** 30' 0" (9.14m)

**Max Draft:** 8' 2" (2.49m)

**Clearance:** 44' 0" (13.41m)

## Speed, Capacities and Weight

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**Cruise Speed:** 10 Kts. (12 MPH)

**Max Speed:** 12 Kts. (14 MPH)

**Displacement:** 780000 Pounds

**Water Capacity:** 2000 Gallons

**Fuel Capacity:** 15000 Gallons

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## Accommodations

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**Total Cabins:** 7

**Total Heads:** 7

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## Hull and Deck Information

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**Hull Material:** Steel

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## Engine Information

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**Engines:** 2

**Manufacturer:** Cummins

**Model:** QSK19 MCRS

**Engine Type:** Inboard

**Fuel Type:** Diesel

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# DETAILED INFORMATION

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## Manufacturer Provided Description

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The interior of the **Bering 115** is truly cavernous! Her 30' beam is considerably wider than most of her peers. This immense beam provides spacious living quarters above and below deck even with the port and starboard side decks which make for safer and more convenient handling of docking and mooring lines. While specific layout details are at the discretion of the owner, the saloon typically features a large settee and several seating arrangements on the aft starboard saloon wall with a coffee table and freestanding furniture inboard. A dining table perfect for entertaining large groups is situated in the forward portion of the saloon. This separation of seating areas allows groups to spread out while socializing in the saloon area.

The galley, which is immediately forward of the dining area, is on the same level as the saloon as opposed to being located up in the pilothouse as on some designs. This is a real convenience; especially when setting food out on the table or when the cook simply wants to be a part of the action in the saloon. One possible option would be to have a motorized partition that rises up from the counter between the galley and dining area allowing for continuity between the galley and saloon or separation, depending on circumstances. Speaking of the galley, the cook will find plenty of space for all the amenities they're used to from home given the tremendous space available in the Bering 115. Warming drawers, multiple refrigeration units, professional cooking appliances and more can all be chosen by the owner to create the ideal kitchen environment. Likewise, various choices of wood or tile flooring as well as granite or synthetic countertop surfaces allow you to match your galley with your chosen interior styling preferences.

The master stateroom on the **Bering 115** is nothing short of extraordinary! It has been located forward of the galley and occupies the entire forward portion of the main deck. Being located on the main deck provides a real convenience over the more typical placement of the master suite in the lower deck, no stairs. In addition to being far more convenient, the master suite offers maximum privacy given the fact it is completely separated from the lower staterooms. A king size mattress easily fits in this stateroom with plenty of drawer storage underneath. There's abundant real estate available for desk space, hanging lockers, lounging space, en suite clothes washer and dryer, etc. The **Bering 115** makes excellent use of the forward space by placing the master head here.

The lower staterooms are accessed via staircases from the main deck. The 115's lower deck provides tremendous floor space, allowing for a high degree of layout flexibility based on the owner's needs. If you are looking to maximize accommodations, then you can choose to have up to eight individual staterooms down below. Crew cabins can be located forward with a small lounge area and kitchenette if you desire or they can be

located aft closer to the machinery spaces.

On the upper deck is the pilothouse, of which the forward portion houses the steering station and all the typical displays and controls found aboard. There's plenty of dash space for large format display screens as well as a full complement of electronics and displays chosen by the owner. A settee and table sit immediately aft of the captain's helm chair. Aft of the steering station is another room that can be configured as requested, for example it could serve as an exercise studio or dedicated captain's quarters. There's enough space for a day head up here, an amenity sure to be appreciated by the on-watch crew while at sea.

The aft flybridge deck is clean and uncluttered, perfect for storing multiple tenders and a powered davit. There's also plenty of room for a built in grill and refrigeration units. Above the pilothouse is an open air sundeck and lounging space. The views from up here are simply the best aboard! You can choose to have a hot tub located up here in addition to bar and/or settee seating. If you can dream it up, Bering can build it for you.

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## Dimensions

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- Length Overall (LOA) 115' (35.00 m)
- Waterline Length (LWL) 107' (32.60 m)
- Beam Overall 30' (9.14 m)
- Bridge Clearance 44' (13.40 m)
- Draft 8' 2" (2.50 m)
- Displacement Full Load 780,000 lbs. (353 metric tons)
- Fuel Capacity 15,000 gal. (56,780 L)
- Water Capacity 2,000 gal. (7,570 L)
- Grey Water 1,000 gal. (3,785 L)
- Black Water 1,000 gal. (3,785 L)
- Liquid Variable ballast 8,000 gal. (30,300 L)
- Active Stabilization (2) Seakeeper M - 35
- Watertight Bulkheads 5
- Cruise Speed 10 knots
- Maximum Speed 12 knots
- Range 6,000+ nautical miles

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## Hull

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- Hull and superstructure constructed using A-36 marine grade steel. Bottom plates and integrated tanks sides - 10mm. Hull sides - 6 mm. Superstructure - made of fiberglass
- The hull is divided by five watertight bulkheads creating six compartments.

- Flybridge arch, mast and furniture (on flybridge and on cockpit) are made of fiberglass.
- The hull below the waterline is covered with three layers of black antifouling paint.
- Hull above the waterline, deck and superstructure painted with Alexseal.
- Yacht quality fairing above the waterline made with Alexseal paint finish.
- All bulkheads are reinforced steel construction, with sound and heat insulation per Bering Yachts drawings.
- All the interior steel surfaces of the vessel are treated with epoxy primer after thorough surface preparation.
- Appropriate zinc plates installed for galvanic protection.

## Deck

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### Forward deck

- Teak deck.
- 44" high stainless steel 2" diameter safety rails.
- 66" tall 1.5" diameter stainless steel ensign staff.
- Freeman series 2400 flush deck aluminum hatch (24" x 24") access to chain lockers with flat top and yoke hinge.
- (2) Maxwell 6000 series hydraulic winches with on deck foot switches. Digital chain counters. Dual chain stoppers with tensioners. Stainless steel, grooved bow rollers.
- (3) Heavy duty bollards.
- (2) Fiberglass molded-in settees with storage beneath.
- (2) Teak high/low (as option) tables in front of settees.
- Portuguese bridge (with storage lockers facing walkway). Varnished with teak handrail 9" (225mm) width x 3" (75mm) height.
- Fresh water hose bib for wash down.
- LED courtesy lights.

### Upper deck

- Teak deck.
- 44" high stainless steel 2" diameter safety rails.
- 66" tall 1.5" diameter stainless steel ensign staff.
- Fresh water hose bib for wash down.
- Access to the upper deck from hinged pilothouse doors, port and starboard.
- Steelhead CT-2500 four function hydraulic yacht crane with 18' reach and 2,500 lbs. lifting capacity with remote control.
- Dinghy and outboard - optional.
- Custom fabricated fiberglass dinghy cradle with tie down securing straps - optional.
- (2) OceanMaster LR 16 person SOLAS life rafts installed, one to port, one to



starboard.

- Fresh water hot tub, 2x2 meters, with stairs and bar counter attached (optional).
- Curved settee around hot tub (optional).
- LED courtesy lights.
- LED overhead lights.

## Main deck

- Teak deck.
- Stainless steel railing with varnished teak handrail.
- Vents for all fuel and fresh water tanks are located inside the bulwark.
- Central fueling station recessed into superstructure amidships on port side.
- This single fill location allows for convenient replenishment of all fuel tanks.
- (2) Deck fills for fresh water tank on port side.
- Gray and black water pump-out station on port side.
- (2) Fresh water hose bibs at the transom.
- Stairs on port side from main deck to the upper deck.
- Forward facing oval shaped settee with matching varnished teak oval table.
- Kitchenette cooking station located just aft of the salon and featuring a gas barbeque grill, three burner electric stove top, deep stainless steel sink with faucet and including storage cabinets below.
- Transom gates port and starboard at aft end of cockpit.
- Cablemaster CM-8 100 Amp 24VDC shore cord manager.
- LED courtesy lights.
- Hella LED overhead lights.
- (7) Hella recessed LED flood lights.

## Swim platform

- Teak deck.
- Access from swim platform to cockpit via stairs to port and starboard.
- Freeman model 1430 pantograph watertight transom door connecting swim platform to the lazarette 31"x65".
- (5) 2" diameter, 3' tall, 316 stainless steel removable U-shape rails with self-draining stainless steel bases.
- (2) Scandvik hot and cold fresh water shower boxes.
- (4) 12" stainless steel fold-down cleats.

# Interior

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## Pilothouse

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.

- (2) Diamond Seaglaze aluminium 575 series weathertight doors - port and starboard.
- Forward windows (5 front and two side) are 19 mm tempered glass.
- Side windows are tinted glass with pleated window blinds.
- Kalmia overhead panels made of black microfiber cloth material.
- All overhead lights are dimmable LED.
- Array of red LED lights above the dash console.
- Amber lights above the chart table.
- Red LED courtesy lights.
- All pilothouse cabinetry and furniture is varnished wood veneer with solid wood corners.
- The dash console and window frames are finished with Alexseal dark soft paint.
- 30" diameter stainless steel destroyer steering wheel with wooden spoke inserts.
- LeBroc LX II helm chair with black leather and folding foot rest.
- Leather upholstered helm bench settee with varnished teak table.
- Dash console and forward overhead console comprises efficient layout of all the vessel electronics and machinery controls.
- Vimar electrical outlets with USB connections.
- Cruisair 24,000 BTU air conditioning unit - AU24HVZ-3.0KW 8"MR 110V.
- Adjustable wood overhead louvers for air conditioning and ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

## **Saloon/Office**

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Diamond Seaglaze 1500 mm - wide weathertight French door to aft deck.
- Tinted windows with pleated window blinds.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED wall lights.
- LED courtesy lights.
- Wood desks with cabinets.
- Pull-out couch converts to double bed located in port side.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- All varnished wood cabinetry - lockers and drawers.
- Cabinets with frame for 60" flat screen LCD television (TBD) on the lift, with receiver and media center.
- Vimar electrical outlets.
- Cruisair 24,000 BTU air conditioning unit - AU24HVZ-3.0KW 8"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

## Two (2) symmetrical crew quarters Upper deck

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Wood door to the companionway.
- Tinted windows with pleated blind.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED courtesy lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Queen size bed.
- Storage drawers under bed.
- Wardrobe.
- Night stand with drawers.
- Mirror.
- Vimar electrical outlets.
- Cruisair 9,000 BTU air conditioning unit - AU9HVZ-FC-1.5KW6"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

## Two (2) symmetrical crew heads

- Ceramic tile floors.
- Ceramic tile walls.
- Tinted fixed window with aluminum blind.
- Overhead panels are fiberglass.
- All overhead lights are LED.
- LED courtesy lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Vanity with Corian countertop.
- Ceramic sink with stainless steel faucet (TBD).
- Mirrors above the vanity.
- Shower cabin with glass door.
- Stainless steel shower.
- Drawer for shampoo, towels, etc.
- SeaLand (Dometic) MasterFlush 8700 electrical fresh water toilet.
- Vimar multiple duplex electrical outlets GFCI.
- Exhaust ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.

## Main saloon

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are made of wood veneer with matte varnish

finish.

- Diamond Seaglaze 1500 mm - wide weathertight French door to aft deck.
- Staircase connecting lower deck and Salon/Office (upper deck).
- Tinted windows with pleated window blinds.
- Kalmia overhead panels made of white microfiber cloth material.
- Two distinct areas of dimmable LED overhead lights.
- LED wall lights.
- LED courtesy lights.
- Built-in teak cabinetry for media center featuring a teak with frame for 60" flat screen LCD television (TBD).
- Settee built-in on starboard side.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Teak coffee table.
- Vimar electrical outlets.
- (2) Cruisair air conditioning units (total 48,000 BTU) AU24HVZ-3.0KW 8"MR 110V.
- Adjustable wood overhead louvers for air conditioning and ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

## Accommodations

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### Master stateroom

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Wood door to the dining room.
- Tinted windows with pleated window blinds.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED courtesy lights.
- LED wall lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- King-size bed.
- Storage drawers under bed.
- Walk-in closet.
- Night stands with drawers.
- Mirror.
- Table and cabinet on the STBD.
- Vimar electrical outlets.
- Cruisair 24,000 BTU air conditioning unit - AU24HVZ-3.0KW 8"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

## Master head

- Ceramic tile floors.
- Ceramic tile walls.
- Door from the master room.
- Tinted windows with pleated window blinds.
- Overhead panels are fiberglass.
- All overhead lights are LED.
- LED courtesy lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Vanity with Corian countertop.
- Ceramic sink with stainless steel premium faucet (TBD).
- Mirrors above the vanity.
- Shower cabin with glass door.
- Premium stainless steel shower.
- Drawer for shampoo, towels, etc.
- SeaLand (Dometic) MasterFlush 8689 electrical fresh water toilet with bidet.
- Vimar multiple duplex electrical outlets GFCI.
- Exhaust ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.

## Guest staterooms #1 & #2 & #3 & #4

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Wood door to the companionway.
- Tinted large fixed porthole with pleated window blind.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED courtesy lights.
- LED wall lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- King-size bed.
- Storage drawers under bed.
- Large wardrobe.
- Night stands with drawers.
- Mirror.
- Vimar electrical outlets.
- Cruisair 18,000 BTU air conditioning unit - AU18HVZ-FC-1.5KW7"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fireboy CMD-4MR CO alarm.
- Fire extinguisher.

## Guest heads #1 & #2 & #3 & #4

- Ceramic tile floors.
- Ceramic tile walls.
- Wood doors from the guest stateroom.
- Tinted fixed porthole with pleated window blind.
- Overhead panels are fiberglass.
- All overhead lights are LED.
- LED courtesy lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Vanity with Corian countertop.
- Ceramic sink with stainless steel premium faucet (TBD).
- Mirrors above the vanity.
- Shower cabin with glass door.
- Premium stainless steel shower.
- Drawer for shampoo, towels, etc.
- SeaLand (Dometic) MasterFlush 8700 electrical fresh water toilet.
- Vimar multiple duplex electrical outlets GFCI.
- Exhaust ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.

### **Guest staterooms #5 & #6**

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Wood door to the companionway.
- Tinted large fixed porthole with pleated window blind.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED courtesy lights.
- LED wall lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Queen-size bed.
- Storage drawers under bed.
- Large wardrobe.
- Night stand with drawers.
- Mirror.
- Vimar electrical outlets.
- Cruisair 12,000 BTU air conditioning unit -Cruisair AU12HVZ-FC-1.5KW6"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fireboy CMD-4MR CO alarm.
- Fire extinguisher.

### **Guest heads #5 & #6**

- Ceramic tile floors.

- Ceramic tile walls.
- Tinted porthole with pleated window blinds.
- Overhead panels are made of fiberglass.
- All overhead lights are LED.
- LED courtesy lights.
- All cabinetry and furniture is varnished wood veneer with solid wood corners.
- Vanity with Corian countertop.
- Stainless steel premium faucet.
- Mirrors above the vanity.
- Premium shower with glass door.
- Ceramic sink with stainless steel premium faucet (TBD).
- Drawer for shampoo, towels, etc.
- SeaLand (Dometic) MasterFlush 8700 electrical fresh water toilet.
- Vimar multiple duplex electrical outlets GFCI.
- Exhaust ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.

## Play room

- Owner's choice of solid stock 1/2" thick wood flooring.
- All interior bulkheads and doors are wood veneer with matte varnish finish.
- Watertight door to the companionway.
- Second wood door to the companionway.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED wall lights.
- LED courtesy lights.
- L-shaped settee built-in on port side.
- Teak coffee table with stone insertion.
- All cabinetry and furniture are varnished wood veneer with solid wood corners.
- All varnished wood cabinetry - lockers and drawers.
- Cabinets with frame for 50" flat screen LCD television (TBD) on the lift, with receiver and media center.
- Vimar electrical outlets with USB connections.
- Cruisair 12,000 BTU air conditioning unit - Cruisair AU12HVZ-FC-1.5KW6"MR 110V.
- Adjustable wood overhead louvers for air conditioning.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fireboy CMD-4MR CO alarm.
- Fire extinguisher.

## Galley

- Ceramic granite planked tile flooring.

- Bulkhead and doors finished with composite paneling.
- Wood door between main saloon and galley.
- Staircase leading to the lower deck.
- Tinted windows with pleated window blinds.
- Kalmia overhead panels made of white microfiber cloth material.
- All overhead lights are dimmable LED.
- LED courtesy lights.
- LED kickboard lights below the sink and oven.
- Breakfast nook with table near the large triple window.
- Cupboards with doors and shelves, composite finish.
- Hanging cabinets.
- Abundant storage lockers and drawers for storing dishes and galley ware.
- Professional electric 4 burner glass top cooktop (TBD) located on the island with overhead air vent (TBD).
- Large stainless steel basin sink with garbage disposal (TBD) and macerator (TBD), premium pull out retractable stainless steel rinsing faucet (TBD).
- Dishwasher (TBD).
- Oven (TBD).
- Trash compactor (TBD).
- Microwave oven (TBD).
- Refrigerator (TBD).
- Side-by-side refrigerator (TBD).
- Ice maker (TBD).
- Clothes washer (TBD).
- Clothes dryer (TBD).
- Varnished teak dining table on starboard side.
- Vimar multiple duplex electrical outlets.
- Cruisair 18,000 BTU air conditioning unit - AU18HVZ-FC-1.5KW7"MR 110V.
- Adjustable wood overhead louvers for air conditioning and ventilation.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fire extinguisher.

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## Engines

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- Two Cummins QSK19 MCRS 750 HP @ 1800 rpm heavy duty rated, raw water, heat exchanger cooled with wet exhaust. 24V
- Combined total power of 1,500 HP. Glendinning EEC4 electronic engine controls located in the pilothouse. Two Dual 7" color engine displays in the pilot house.
- Main engines installed on soft engine mounts model 1600-3 with weight adjusters.
- (2) ZF W380 marine transmissions with 5.0:1 reduction gear. Includes live PTO and load sense pump (130CCM, SAE-CC).
- (2) Seatorque ST-300 shafts.
- (2) ZF 5-blade 64/64" NiBrAl propellers.



- (2) Sea water intake with Groco 3" strainers for engines.
- Reverso GP-3014-24 (4 valves 24V) oil change system for engines.
- Reverso GP-3012-24 (2 valves 24V) oil change system for gear boxes.
- (2) Centek vertical combo-sep mufflers with De Angelo exhaust mixers.
- Exhaust outlets on port and starboard sides of the hull.

## Engine Room

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- Lazarette access via watertight door.
- Engine room access via staircase from saloon and main deck.
- Engine room insulated with 4" thick composite material per Bering Yachts drawings.
- Aluminum perforated panels for the ceiling and walls.
- Soundproof aluminum composite flooring with anti-slip surface.
- Engines exhaust pipes wrapped and finished with carbon fiber covers.
- Two Cummins QSK19 MCRS 750 HP @ 1800 rpm heavy duty rated, raw water, heat exchanger cooled with wet exhaust. 24V electrical. Combined total power of 1,500 HP.
- (2) Centek vertical combo-sep mufflers with De Angelo exhaust mixers.
- Exhaust outlets on port and starboard sides of the hull.
- Main engines installed on soft engine mounts model 1600-3 with weight adjusters.
- Reverso GP-3014-24 (4 valves 24V) oil change system for engines and generators.
- Cummins engines equipped with Racor 75/1000 dual filter/separators using 30 micron filter elements and including vacuum pressure gauges.
- Reverso fuel polishing and transfer system - 210 GPH, Series - 'S' Class, marine version, 7 day digital timer, 110V, with fuel conditioner.
- Desmi GP33EM 480 gallons/hour auxiliary fuel transfer pump.
- (2) "Day Tank" fuel tanks. Total capacity 800 gallons/3,030 liters .
- (2) Visual fuel gauges on "day tanks".
- (3) Visual fuel gauges on main tanks.
- 3" stainless steel fuel intake manifold with 1" steel piping.
- 3" stainless steel fuel outflow manifold with 1" steel piping.
- Reverso aluminum fuel feed manifold with 1/2" valves and fuel hoses to each engine and generator.
- (2) ZF W350 marine transmissions with 5.0:1 reduction gear - clockwise rotation (right handed). Includes live PTO and load sense pump (130CCM, SAE-CC) by each gear box.
- Reverso GP-3012-24 (2 valves 24V) oil change system for gear boxes.
- (2) Seatorque ST-300 shafts.
- (2) Onan 55QD model MDDCB 55 kW 240V/416V 60Hz four cylinder generators enclosed in soundsheids installed in the engine room. Wet exhaust muffler with exhaust separator.

- Onan generators equipped with Racor 1000 fuel filter/separators using 30 micron filter elements and including vacuum pressure gauges.
- (5) Victron MultiPlus 3kW (24/3000/70 110V VE.Bus) inverter/chargers.
- Victron Phoenix Charger 12/30.
- Victron Skylla TG 24 50 charger (110VAC/45-65Hz).
- (24) Vision 4D 240 AMP, deep cycle, 12 VDC.
- Sea Xchange 30V SX2200Z 2200 gallon/9,000 liters a day watermaker.
- (2) Built-in sea chests connected by Trident 100-250-2000 hose with two way valves.
- Sea water intake with (2) Groco 2½" strainers for engines, (2) Groco 1¼" sea water intakes for generators, (1) Groco 1½" for air conditioner, (1) Groco ¾" for watermaker.
- 2" PPR piping for sea water intakes of ballast system.
- Stainless steel transfer manifold for ballast tanks using 2" PPR piping.
- Control panel with switch and (4) 2" stainless steel ball valves for ballast system.
- Cruisair entral chilled water system - total capacity 342,000 BTU with reverse cycle heating. Auxiliary electric heaters.
- Cruisair air conditioning unit 24,000 BTU - AU24HVZ-3.0KW 8"MR 110V.
- Intake and outflow blowers. (2) Dometic F1-120-0845H-50 fans, axial, 12 inch ID with aluminum housing (powder coated Matterhorn white). Motor frame, 0.75 HP, 110V, 2,875 RPM motor with 8x45 degree PPG composite blades for 2,910 CFM free air. (2) Dometic D-ALE-24 dampers, aluminum blades and frames (powder coated gloss white), 14 inch (width) x 14 inch (height) x 4 inch (depth). 24 VDC actuator.
- SidePower hydraulic unit.
- (2) SidePower SMERR-130-CC4 hydraulic pumps (130CCM, SAE-CC) mounted on engines.
- (4) Johnson bilge pumps - 4,000 gal/hour.
- (4) Ultra SR automatic bilge pumps switches with built-in isolated high water alarm switch (at 3").
- Work bench with sink.
- Storage shelves.
- Storage cabinets.
- 110V AC fluorescent and 24V DC LED lights.
- 110V covered GFCI duplex electrical outlet.
- Fireboy AP65-PESD-02-TB-R smoke alarm sensor.
- Fireboy CMD-4MR CO alarm.
- Fireboy Xintex automatic deployment fire suppression canisters.

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## Electrical

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### Main features

- Entire AC and DC electrical system designed and installed in compliance with CE and ABYC electrical standards.
- 60 Hz 120V AC power standard. (50 Hz 230V AC power system available as an option).
- 24V DC power standard.
- 24/12V DC electronics power.
- Primary distribution 120V AC and 24 V DC electrical panels, inverters, battery chargers, batteries and battery management panels are located in the engine room.
- Secondary 120V AC, 24V DC and 12V DC panels are located in the pilot house.
- All wires are labeled at each end.
- All wire connections are properly insulated.
- All electrical hardware is bonded to the hull.
- Dedicated circuit breaker for each circuit.

## Power source

### • GENERATORS

- (2) Onan 55QD model MDDCB 55 kW 120V 60Hz four cylinder generators enclosed in soundshields installed in engine room.
- Wet exhaust muffler with exhaust separator.
- (2) Sea water intake with Groco 1½" strainers for generators.
- Both generators have digital display controls in pilothouse.
- Both generators have automatic safety shutdowns with fault indicators.
- (2) Racor 1000 fuel filters with 30 micron elements.
- Reverso GP-3012-24 (4 valves 24V) oil change system for generators.

### • SHORE POWER

- Cablemaster CM-8 100 Amp 24VDC shore cord manager.
- 100 Amp 120V 30 meters shore power cords in Cablemaster.
- 100 Amp shore power breaker box.
- Marine isolation transformer 100KVA/120V/60Hz.

### • BATTERIES

- (25) Vision 4D 240AH AGM batteries, deep cycle, 12 VDC. Total capacity is 6,000 Amp Hours.
- All starter batteries charged by (2) engine (80 Amps each) and (2) generator driven alternators (40 Amps each).
- Victron Phoenix charger 12/30 for charging electronics backup battery located in pilothouse.
- Victron Orion 24/12-25A DC-DC converter located in pilothouse.
- Victron Skylla TG 24 50 charger (110VAC/45-65Hz) for charging starting battery from generator or shorepower.
- (5) Victron MultiPlus 3kW (24/3000/70 110V VE.Bus) inverter/chargers for charging house battery bank from generator or shorepower.
- (2) 4D 240AH Vision AGM batteries for the engines start with crossover switch.

Connected in series for 24 VDC.

- (2) 4D 240AH Vision AGM batteries for the generators start with crossover switch. Connected in series for 24 VDC.
- (20) 4D 240AH Vision batteries for house system.
- (1) 4D 240AH Vision batteries for nav/com electronics located in pilothouse.
- All batteries covered with fiberglass caps.
- Battery cutoff switches located in the engine room.

## Systems

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### Steering system

- (2) 15 square foot air foil steel rudders with 4" diameter steel rudder stock mounted on rudder shoe bearings. Rudder posts in lazarette above waterline and attach to bronze rudder arms.
- Kobelt hydraulic power steering system - model 7085.
- 1.5 kNm steering gear torque. 740 PSI operating pressure.
- Number of wheel turns power: 4.5 - 4.6. Number of wheel turns manual: 28-84. Number of steering stations: 2.
- Hydraulic power unit motor pump.
- Aluminum hydraulic oil reservoir and stainless steel manifold with valves. 3.5" cylinder 10" stroke and 3.5" servo cylinder 10" stroke.
- Emergency tiller in the lazarette.
- Zinc anodes on rudders to ensure galvanic corrosion protection.

### Mooring system

- (2) 250Kg N-type Pool stainless steel anchors. Fitted using 316 stainless steel pockets - port and starboard.
- Divided chain locker with fresh water flush system, drains overboard. 400 Feet of 18mm zinc coated anchor chain per side. Rated for high working loads.
- 316 polished stainless steel bow protection plate.
- (2) Maxwell 6000 series hydraulic winches with on deck foot switches and remote controls in the pilothouse and on flybridge. Digital chain counters with displays in the pilothouse and on flybridge. Dual chain stoppers with tensioners. Stainless steel, grooved bow rollers.
- Chainwheel Rated Capacity - 6000 lbs/2720 Kg Chain Speed - 46 ft/min / 14 m/min
- Required Hydraulic Pressure - 3300 p.s.i. / 226 Bar
- (2) Sidepower SH550/386TC hydraulic thrusters - bow and stern.
- Duty thrust up to 1210 lbs /550kg Tunnel I.D. - 15.2 in / 386 mm
- Hydraulic power up to 57.8 Hp / 43.1 kW
- (3) Heavy duty bollards installed on bow. (4) heavy duty bollards mounted on the aft deck. Two stainless steel hawse pipes with horn cleats mounted amidship port and starboard. All mooring components are polished stainless steel with chafe

guards.

- (2) Muir V4000 (2200W 24V) electric rope capstans mounted in cockpit.

## Flybridge

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- Teak deck.
- Access from the Upper deck via stairs.
- Scupper drains for rapid evacuation of water overboard.
- Fiberglass molded-in settees with storage beneath.
- Teak dining table in front of settee.
- Fiberglass counter top with built-in sink and faucet.
- Electric barbeque grill.
- Fresh water wash down hose bib.
- Stainless steel framed venture windshield with dark Acrylic panels.
- Fiberglass arch and roof.
- Stylized fiberglass mast to support and mount navigation antennas, radar arrays, communication domes and lights.
- (2) Carlisle & Finch 12-inch chrome searchlights. 110 VAC lamp with joystick (remote control) operation from the pilothouse.
- Forward and aft facing LED deck flood lights.
- (4) Aqua Signal 1,000W, halogen flood lights mounted aft, forward, port and starboard.
- LED courtesy lighting along walk way.
- Buell dual trumpet air horn.
- Fusion audio system MS-AV700i with four MS-DA51600 D class 5 channel marine amplifiers 1600 watts each.
- Hella NaviLED navigation lights.
- Hella NaviLED Anchor lights.
- 44" high stainless steel 2" diameter safety rails.
- 66" stainless steel flagpole.
- Bering 115 name insignia signs mounted on both sides of the flybridge.
- Hella LED courtesy lights.
- Hella LED overhead lights.
- (7) Hella recessed LED flood lights.

## Miscellaneous

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- As-built Owner's manual in English. Includes descriptions and systems drawings.
- Set of Warranty Certificates.
- Set of manuals and certificates relating to materials and equipment.
- Tool box.
- Spare parts for equipment, supplied by manufacturers.

## Exclusions

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Owner's personal belongings.

## Disclaimer

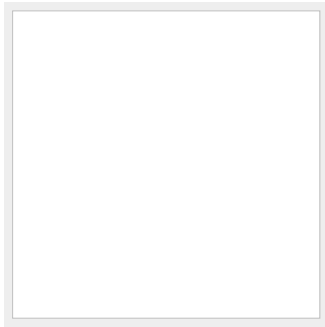
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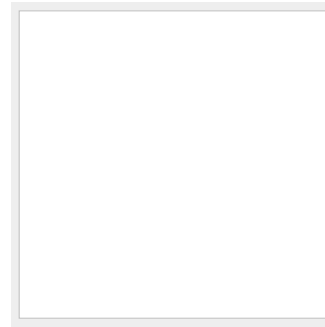
# PHOTOS

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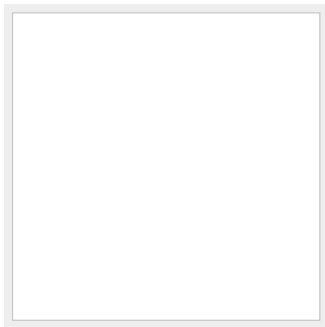
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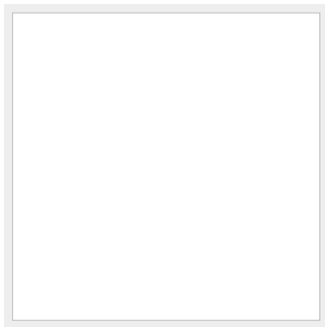
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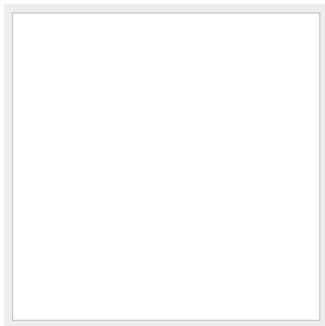
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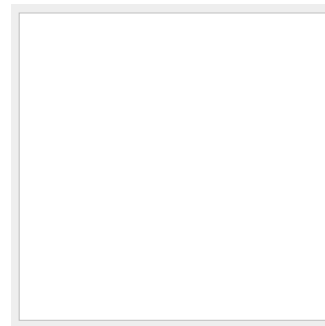
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# CONTACTS

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Sunday: **closed**

## Address

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