



OUTER REEF  
TRIDENT



**620 TRIDENT SOLARA SERIES US STANDARD SPECS**

- LOA: 61' 8" (18.8 m)
- Beam: 16' 2" (4.93 m)
- Draft: 3' 6" (1.07 m) full load
- Displacement: 41,000 lbs (18.58 metric tons) half-load
- Fuel Capacity: 800 US gallons (3028 lts)
- Water Capacity: 185 US gallons (700 lts)
- Holding Tank Capacity: 150 US gallons (568 lts)

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Buyer's Initials: \_\_\_\_\_

Seller's Initials \_\_\_\_\_

Photos/renderings may contain optional features and/or equipment. All specifications are subject to change without notice. August 2019 Revision.

## HULL CONSTRUCTION

- Vinylester resin infused FRP hull with PVC core sandwich construction
- Vinylester barrier lamination for osmosis protection
- Hull superstructure to be white gel coat
- Two (2) coats of black antifouling paint over three (3) coats of epoxy primer below waterline
- Integrally molded rub rails with stainless steel capping
- Full length keel extends below running gear
- CE-approved stainless steel portlights
- Boat construction from only 4 major molds
- All deck and hull area hardware attachments are finished with solid lamination – no coring
- Bilge area finished smooth and coated with bright white top coat
- Windows with 3/8” tempered safety glass in salon and ½’ tempered safety glass in pilothouse
- WheelHouse™ Technologies, Inc. Marine Maintenance System

## AFT DECK AREA

- Aft deck with teak decking
- FRP built-in swim platform with teak decking
- Hydraulic swim platform lift (tender maximum LOA is 10’)
- Stainless steel cassette swim ladder on swim platform – deployable from water
- Stairway built-in to port and starboard side from swim platform to aft deck with stainless steel tube gate doors
- Aft deck FRP bench seating
- Sunbrella® furniture fabric for aft deck and sunbed
- Aft deck door and opening window
- FRP weather tight door on transom
- Transom shower in recessed box with hot and cold water supply
- Fresh water wash down outlet
- Side gates port and starboard
- One (1) 50 amp shorepower inlet with single Glendinning cable master for 110v/220v 60hz
- One (1) 110v AC GFI outlet
- 316 stainless steel heavy duty cleats secured to stainless steel backing plates on bulwarks
- Deck scuppers piped out through hull at boot stripe
- 316 Stainless steel hand rail to and from aft deck
- Teak cap rails around the settee

## SIDE DECKS

- Teak side decks
- Weathertight door opening into pilothouse on starboard side only
- House side fixed windows with tinted tempered glass
- Two (2) sets of spring-line cleats per side
- One (1) 316 stainless steel cleat per side set on anchor plinth
- Molded FRP cap rails

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## FORE DECK

- Foredeck with white non-skid surface
- Window on front of foredeck trunk
- 316 stainless steel rails on bulwarks per designer details
- 316 stainless steel stanchions to support handrail
- Deck lockers within coach house sides forward either side finished in white epoxy paint
- Sun pad with hinged backrest and hinged seating backrest
- Molded FRP cap rails
- 316 stainless steel anchor roller at bow
- 75lb stainless steel Ultra anchor with 393' long 10mm high test chain
- Lofrans x3 1700w, (24v) vertical windlass with wireless remote
- Custom bow flag staff
- Salt water and fresh water stainless steel faucets inside foredeck lockers

## LAZARETTE

- Coin dot flooring
- One (1) 110v AC GFI outlet
- FRP or Formica finish on walls
- Main electrical distribution panels with gauges and circuit breakers for AC
- 2.5kw inverter/charger (24v DC to 115v AC 60hz)

## ENGINE ROOM

- Acoustically insulated stand-up engine room lined with sound absorbing material to highest standard.
- Aluminum checker plate flooring
- Standard twin Cummins QSB 6.7ltr 550bhp HO diesel engines with Zeus pod drive system
- One (1) Kohler quiet diesel 20kw generator 60Hz
- Direct expansion air conditioning system
- Ball-valve bronze seacocks on all through-hulls below waterline
- Oil change pump for engines and generator
- One (1) 50amp isolation transformer
- Two (2) Racor 1000 MA single fuel filters for main engines
- One (1) Racor 1000 MA single fuel filters for generator
- Fuel polishing system
- Fuel management system
- Fireboy fire suppression system including both intake and outlet air shutdown system with aluminum louvers, engine, generator shut down
- Two (2) automatic bilge pumps 24v DC
- Fire system and bilge high-water alarm system with warning panel
- Fresh water hose bibb
- AGM (Absorbed Glass Matt) batteries in FRP boxes:
  - a) Two (2) engine banks with two (2) 8D batteries for each bank
  - b) One (1) house bank with four (4) 8D batteries with a total 510 amp-hours (24VDC) in lazarette
  - c) One (1) generator bank with one (1) battery

- d) One (1) 12v battery charger
- e) One (1) 24v battery charger
- Two (2) battery isolators
- Two (2) 24v DC blowers
- Two (2) 110v AC GFI outlets with waterproof covers
- 316 stainless steel safety rails around engines
- Watertight bulkhead
- Watertight aluminum engine room door

## **MECHANICAL**

- Copper bonding system to all underwater fittings with zinc anodes
- Fresh water lines
- Headhunter 24v DC fresh water pump with accumulator tank
- Three (3) 24v DC automatic shower sump systems with external pump
- Accessible wiring chaseway throughout
- Extremely quiet central ventilation system for heads and bilge areas

## **TANKAGE**

- All tankage located in the belly giving more storage and space throughout
- One (1) FRP integral holding tank with a max capacity of 150 US gallons (568 lts) with one (1) Headhunter diaphragm/discharge pump
- One (1) stainless steel fresh water tank with a max capacity of 185 US gallons (700 lts)
- One (1) aluminum fuel tank with a total capacity of 800 US gallons (3028 lts)
- Inspection and cleaning ports on all tanks
- 20 gallon water heater

## **INTERIOR DECOR**

- Interior décor is offered in three (3) different color palettes from an Outer Reef Trident Inc standard selection

## **SALON**

- Custom wing door entrance from aft deck
- Fixed windows in house sides with medium 3/8" tinted tempered safety glass
- Valance over windows with LED rope lighting
- Vinyl headliner
- Built-in L-shaped settee
- Entertainment center cabinet with TV lift
- One (1) built-in end table
- Air conditioning control panel
- Cabinetry and lockers
- Four (4) 110v AC outlets
- One (1) USB outlet
- One (1) TV outlet
- Pre-manufactured wood flooring
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers

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## GALLEY

- Corian countertops with a stainless steel under mount sink
- Cabinet for soap and sponges under the sink
- Chrome faucet with pull out spray
- Cabinets and cabinet doors with chrome push-button locks
- Satin varnish with available hi-gloss upgrade on interior veneers in combination with vinyl wall coverings
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers
- Two (2) 110v AC GFI outlets
- Pre-manufactured wood flooring

## APPLIANCES

- Two (2) 2-drawer Vitrefrigo DW180 Inox RF 12/24v fridge/freezers (programmable)
- Bosch fully integrated dishwasher (18" / 45cm)
- Induction cooktop /hob (36" / 90cm)
- Bosch compact oven/microwave (24" / 60cm)
- Exhaust hood (24" / 60cm) **\*\*Aft galley configuration only**
- Garbage disposal
- Miele washer and dryer

## PILOTHOUSE

- Settee on raised platform
- Dining table
- One (1) chart light
- LED red and white bridge lights
- Two (2) 110v AC outlets
- One (1) 12v DC outlet
- One (1) Stidd helm seat with powder coated base and naugahyde fabric
- Wood steering wheel at pilothouse helm
- Engine display screens – also available via Naviop system
- Cummins electronic steering wheel
- Cummins throttle and pod controls
- 4" magnetic compass
- Two (2) stainless steel dual speed self-parking windshield wipers with wash down system
- ½" clear tempered glass in forward facing windshields
- Vinyl headliner
- Generator digital control panel
- 24v DC to 12v DC converter
- Windlass up/down switch and control circuit breaker
- Weathertight door opening out to starboard
- Curved stairway leading to accommodations
- Pre-manufactured wood flooring

### **LOWER HALLWAY**

- Curved stairway from pilothouse
- Bulkhead finished with wall covering
- Stackable washer and dryer
- Access doors to staterooms
- Pre-manufactured wood flooring

### **FULL BEAM MIDSHIP MASTER STATEROOM**

- King size berth
- Drawer storage under the berth
- LED rope lighting under the bed and at valance
- One (1) walk in hanging locker with door
- Automatic interior lights in lockers
- Drawers with center guides and stops
- Door stops and holders
- Bulkheads with wall covering and /or veneer
- Four (4) oversized CE-approved portlights
- Three (3) 110v AC outlets
- One (1) TV outlet
- One (1) USB socket
- Air conditioning control panel
- Nightstand tables with two drawers each
- Satin varnish with available hi-gloss upgrade on interior veneers in combination with vinyl wall coverings
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers
- Pre-manufactured wood flooring

### **MASTER HEAD (ENSUITE)**

- Ensuite head with shower
- CE-approved portlight in shower
- Molded white FRP shower with custom frosted tempered glass door
- Grohe hand shower with hose and soap dish
- Central ventilation
- Corian countertop with white under-mount sink
- Chrome Grohe center-set single lever faucet at sink
- Mirror
- Storage cabinet under sink
- Satin varnish with available hi-gloss upgrade on interior veneers in combination with vinyl wall coverings
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers
- Dometic 24v electric white toilet with sanitary hose for all discharge plumbing
- One (1) 110v AC GFI outlet
- Pre-manufactured wood flooring

### **VIP STATEROOM FORWARD**

- Tapered queen-size berth
- Storage drawers under the berth
- Two steps on each side of the berth for easy access
- LED rope lighting at valance
- Four (4) CE-approved portlights
- One (1) hanging locker
- Automatic interior lights in lockers
- Satin varnish with available hi-gloss upgrade on interior veneers in combination with vinyl wall coverings
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers
- Bulkheads with wallpaper and veneer
- Two (2) 110v AC outlets
- One (1) USB socket
- Air conditioning control panel
- Pre-manufactured wood flooring

### **VIP HEAD (ENSUITE)**

- Ensuite head with shower
- CE-approved portlights
- Molded white FRP shower with custom frosted tempered glass door
- Grohe hand shower with hose and soap dish
- Central ventilation
- Corian countertop with white under-mount sink
- Chrome Grohe center-set single lever faucet at sink
- Mirror
- Storage cabinet under sink
- Dometic 24v electric white toilet with sanitary hose for all discharge plumbing
- One (1) 110v AC GFI outlet
- Pre-manufactured wood flooring

### **GUEST STATEROOM PORT**

- CE-approved portlight
- Single berth with storage drawers underneath
- LED rope lighting at valance
- One (1) hanging locker
- Satin varnish with available hi-gloss upgrade on interior veneers in combination with vinyl wall coverings
- Drawers with full extension guides and push button latches
- Chrome door handles on all interior lockers
- Automatic interior light in locker
- Door stops and holders
- Bulkheads with upholstered panels
- One (1) 110v AC outlet
- Air conditioning with control panel
- Pre-manufactured wood flooring

### **GUEST HEAD (ENSUITE)**

- Head with shower
- Molded white FRP shower
- Grohe hand shower with hose and soap dish
- Central ventilation
- Corian countertop with white under-mount sink
- Chrome Grohe center-set single lever faucet at sink
- Dometic 24v electric white toilet with sanitary hose for all discharge plumbing
- Mirror with medicine chest

### **LIGHTING**

- All interior and exterior LED lighting as per the standard lighting plan

### **CRUISING/SAFETY PACKAGE**

- Six (6) 15" x 41" Polyform F-series black fenders
- Twelve (12) 15' x ½" black fender lines
- Four (4) ¾" x 35' double-braid nylon black dock lines
- Two (2) ¾" x 50' double-braid nylon black dock lines
- Twelve (12) Safeguard type I orange life vests for adults over 90 lbs
- Six (6) Kiddie Mariner 2 ¾ lb M10 fire extinguishers
- One (1) Bernard oil discharge placard
- One (1) Bernard waste discharge placard
- Two (2) Jim-Buoy 24" white ring buoys
- Four (4) Perko chrome/brass 4-ring buoy holders
- One (1) Orion alert/locate flare kit
- One (1) Orion circumnavigator first aid kit
- One (1) Orion safety blaster horn

### **STANDARD AUDIOVISUAL PACKAGE**

#### **SALON VIDEO:**

- 47" 1080p HDTV

#### **SALON AUDIO:**

- Samsung sound bar with separate subwoofer

#### **AFT DECK AUDIO:**

- Fusion cockpit co-axial speakers, pair, white, classic-grill

#### **MASTER STATEROOM VIDEO:**

- 40" 1080p HDTV with soundbar

#### **VIP STATEROOM VIDEO:**

- 22" 1080p HDTV



## **STANDARD NAVIGATION PACKAGE (SIMRAD)**

### **PILOTHOUSE EQUIPMENT:**

- Two (2) NSS16" EVO2 SIMRAD combo displays including GPS
- SIMRAD 19 nm open array digital radar
- CUMMINS Vessel View with Autopilot and trim tab functions
- RS 90 SIMRAD Black Box VHF AIS/RX/PA (includes horn)
- Naviop and network links

### **OTHER NAVIGATION EQUIPMENT:**

- Sonar Hub Module SIMRAD Broadband Sonar
- NAIS-400 AIS CLASS B RX/TX

### **CAMERAS:**

- Iris 700 TVL 2.8 mm wide angle mini ball IR camera (engine room)
- Iris 620 TVL clam shell static camera (aft deck)

### **ADDITIONAL ITEMS:**

- Shakespeare AM/FM VHF band separator

## **INCLUDED NAVIOP MONITORING SYSTEM**

- Shore and gen power inputs current and voltage
- DC inverter charger current and voltage
- House and engine batteries current and capacity
- All tank levels including fuel, black and fresh water

## **MONITORED & SWITCHED OUTPUTS ON/OFF**

- All lighting controls
- Pumps throughout
- Horn
- Two (2) engine room fans and more

## **OPTIONAL EQUIPMENT LIST AVAILABLE UPON REQUEST**