

Outer Reef 700 (2019-)

Brief Summary

Outer Reef builds long-range cruising yachts designed to be operated primarily at displacement speeds. The Outer Reef 700 is the company's most popular model. As an experienced builder of semi-displacement cruisers with 100 builds to their credit, they manufacture each yacht to client specifications. Our test boat, *Julianne*, commissioned by a repeat Outer Reef Yachts customer, is considered the most detailed and equipped 700 built to date.

Price

Base Price

Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.

Key Features

- Full-beam master stateroom
- Four staterooms
- Portuguese bridge
- Large flybridge/boatdeck
- Upper auxiliary helm
- Extensive noise dampening
- Stand-up headroom in engine room

Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	5.9	5.1	1.1	5.3	4.6	11487	9988.9	61
1000	8.9	7.7	5.8	1.5	1.3	3314	2882.2	62
1100	9.7	8.4	8	1.2	1.1	2619	2277.4	N/A

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
1250	10.7	9.3	11.7	0.9	0.8	1975	1717.7	66
1500	12.1	10.5	20.1	0.6	0.5	1300	1130.7	68
1750	13.3	11.6	35.8	0.4	0.3	802	697.8	72
2000	15.1	13.1	52.6	0.3	0.2	618	537.4	74
2250	16.7	14.5	71	0.2	0.2	507	440.5	74

[View the test results in metric units](#)
[outer reef 700 classic series motoryacht_chart_19.jpg](#)

Specifications

Length Overall	71' 5" 21.77 m
BEAM	18' 6" 5.64 m
Dry Weight	120,000 lbs. 54,431 kg
Tested Weight	133,757 lbs. 60,671 kg
Draft	5' 0" 1.52 m
Draft Up	
Draft Down	
Air Draft	
Deadrise/Transom	

Max Headroom	6' 8" 2.03 m
Bridge Clearance	
Weight Capacity	
Person Capacity	
Fuel Capacity	2,400 gal. 9,085 L
Water Capacity	400 gal. 1,514 L
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	133,757 lbs. 60,671 kg
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	

Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

Acceleration Times & Conditions

Time to Plane	
0 to 20	
Ratio	
Props	D38xP33x4
Load	4 persons, 9/10 fuel, 9/10 water, 50 lbs. of gear
Climate	74 deg., 60 humid; wind: 10-15 mph; seas: 1

Contents of Report

- [Mission](#)
- [Distinguishing Features](#)
- [Major Features](#)
- [Back Story](#)
- [Construction](#)
- [Boat Inspection](#)
- [Swim Platform](#)
- [Crew's Quarters](#)
- [Engine Room](#)
- [Helm](#)

- [Flybridge Helm](#)
- [Flybridge Entertainment Space](#)
- [Boat Deck](#)
- [Boat Deck Social Area](#)
- [Foredeck](#)
- [Ground Tackle](#)
- [Side Decks](#)
- [Getting Underway](#)
- [Performance](#)
- [Handling](#)
- [Docking](#)
- [Accommodations](#)
- [Master Stateroom](#)
- [Laundry](#)
- [VIP Guest Quarters](#)
- [Port Guest Cabin](#)
- [Salon](#)
- [Galley](#)
- [Day Head](#)
- [Aft Deck](#)
- [Equipment Discussion](#)
- [Price](#)
- [Observations](#)

Outer Reef 700 Image courtesy of Outer Reef

Our test showed the Outer Reef Yachts 700 has a cruising range of 2277.4 NM at 8.4 knots.

Outer Reef 700 Image courtesy of Outer Reef

A goal in building *Julianne* was to maximize interior space with an efficient layout.

Mission

The mission of the Outer Reef 700 is long-range cruising in luxury, style, comfort, and safety.

Distinguishing Features

- Portuguese bridge
- Open concept main deck (no bulkheads)

Major Features

- American style galley
- Twin 6135 John Deere 750-hp diesels

Back Story

Outer Reef 700

The Outer Reef Yachts 700 has a keel that extends below the props and rudders. A simulated planked hull adds traditional looks.

We had an interesting interview with Jeff Druke, President and CEO of Outer Reef Yachts during our test of *Julianne*. It turns out that Jeff owned a custom home building company in the northeast 18 years ago and was about to buy a new yacht for himself. He became frustrated that small changes he wanted on his new boat were resisted by the builder and so he decided to build his own, the way he wanted it, and that is how he got into the boat-building business.

He sold his custom home company a few years ago but that same focus on what the customer wants has channeled Jeff's Outer Reef Yachts company to work interactively with clients in the design of their made-to-order yachts. In fact, Jeff is personally involved in drawing many of the elements before validating changes in engineering.

We think that this background ends up in the details of any Outer Reef yacht and maybe one reason for their customer loyalty, the number of repeat buyers, and the retention of value on previously owned Outer Reef boats. The Outer Reef Yachts' team will suggest and steer this process but the owners get the final say.

Outer Reef 700

Cruising beyond the horizon is the Outer Reef 700's cup of tea.

Construction

We also spoke with representatives from Outer Reef Yachts about construction and here is what we learned. All Outer Reef boats are built from three major molds for structural and watertight integrity. The hull is one piece; the main deck from the anchor platform all the way to and including the swim platform is the second piece; and the flybridge, from the tip of the brow to the end of the boat deck, inclusive of all the seating and appliance cabinets is the third piece.

The only things not included in this approach are the hardtop and the instrumentation console. This allows for an “egg crate-truss construction” that enables the open layout on the main deck with no bearing partitions.

Best Practice. The boats live in a steel cradle from day one out of the mold until launching, and the boat is not pulled from mold until all structural bulkheads, and the tankage are installed before going to her cradle. To add to structural integrity, all athwartships furniture is built beyond the finished joiner bulkheads, terminating at the hull sides, and is tabbed directly into the hull with fiberglass, rather than dropped into the interior and ending at the joiner bulkheads. This adds tremendous strength to the entire vessel and makes for a monolithic structure.

Solid Glass Bottom. The Outer Reef Yachts 700 has solid hand-laid glass below the waterline for maximum puncture resistance. She has PVC core sandwich above the waterline.

Full-length longitudinal engine stringers are reinforced with athwartships stringers. The hull has a gelcoat finish above the waterline.

Outer Reef 700
Image courtesy of Outer Reef Yachts

This is the main deck layout for our test boat, *Julianne*.

All Outer Reef Yachts are built to CE Category A Ocean Standards by Tania Yacht Company in Kaohsiung, Taiwan. Outer Reef Yachts and Tania have been partnering since 1995. Tania is a fourth-generation yacht-building company that is family managed. The shipyard is ISO 9001 certified to control the process and quality.

Outer Reef has full-time staff working with Tania's engineers and craftsmen at the shipyard. This helps ensure correct communications between the home office and the yard.

Boat Inspection

Swim Platform

Outer Reef 700
Image courtesy of Outer Reef Yachts

Wing doors at the top of the split stairs lead to the aft deck.

The teak-decked swim platform on the Outer Reef 700 spans the 18'6" (5.63 m) beam of the boat and is 4'10" (1.47 m) long — an upgrade of 12" (.30 m) over the standard platform. There are twin stairs on either side with four steps up to the aft deck. In the middle of the transom is a watertight door leading into a cabin that could function as either a fourth stateroom or elegant crew's quarters.

Outer Reef 700 tafrail

The tafrail is shown configured for boarding.

The swim platform has stainless steel railings that can be removed, stored next to the watertight door, or configured to facilitate boarding.

Outer Reef 700 sockets

Additional mounting sockets in the deck are for repositioning or storing the railings.

Next to the railings outboard to either side are stainless steel mooring bitts.

Outer Reef 700 shower

On the sidewall of the port stair to the aft deck is a pull-out freshwater shower discreetly housed in a small locker. Next to it is a shore water fill.

On the starboard stairwell hidden below the second step are 100 amp and 50 amp shore power connections.

Outer Reef 700

The 100 amp power cord is 75' (23 m) long on a cable master system. Note the in/out control switch in the compartment just above the cord.

Crew's Quarters

We are accessing the crew's quarters from the swim platform. The watertight transom door leads down three steps directly into the crew's quarters.

Outer Reef 700

A carved teak handrail leading below into the crew's quarters is the first indication this is not a typical crew accommodation.

Outer Reef 700

At the top of the aft crew stairs is a shorepower breaker panel.

We descend the stairs which have a Bolan matte non-skid inlay recessed right into the tread.

Outer Reef 700 aft crew

The aft crew staircase is hinged with storage below.

Outer Reef 700

A distinct dinette lounge, galleyette, and berth with ensuite spaces comprise the crew/fourth stateroom.

We inspect a lot of vessels where the crew's quarters are like being on a totally different boat from the standpoint of amenities and fit-and-finish detail - not this boat. This may be because this could be a fourth stateroom for guests, but more than likely, given its location, it'll be a crew's quarters. To the right of the stairs is a hanging locker. There is a 47" x 20" (1.19 m x .51 m) granite table that slides out of the way to access the locker. A 5' (1.52 m) bench seat is against the bulkhead next to the table, opposite is a 27" (.69 m) flat screen on the bulkhead. An opening portlight provides light and air over the table.

Outer Reef 700 Image not found or image unknown

Solid teak woodwork with rounded corners in the crew's quarters gives an indication of the craftsmanship inherent in the Outer Reef 700.

There is 5'9" (1.75 m) headroom overhead. On the port side of the stairs and opposite the table are two double pocket doors, providing privacy to the crew berth.

Outer Reef 700 pocket doors Image not found or image unknown

Double pocket doors give the crew berth privacy when needed, and stow seamlessly and securely when open.

Inside, there is a 78" x 53" (1.98 m x 1.34 m) double bunk. The light teak woodwork lines the cabin, but just on the bunk's edge is a raised Madrona burlled berth keeper.

There is an opening port over the berth. The woodwork detail here is exceptional. The headboard of the berth has a small cubby and several bookshelves. Two drawers under the bunk and a louvered hanging locker at the foot of the bed add to the storage. The bulkhead at the foot of the berth has a 28" (.71 m) TV. The flooring is wide-planked teak with a Wenge border.

Crew Ensuite

Outer Reef 700 crew Image not found or image unknown

The entrance to the crew's ensuite is behind the mirrored door. The louvered hanging locker is cedar lined.

Outer Reef 700 vanity Image not found or image unknown

A teak vanity with a round undermount sink and a granite counter is next to the toilet. There's an opening portlight over the right side of the vanity and a mirror over the sink.

The head has a marble deck. Opening the frosted glass shower stall door, we see that the deck drops down a few inches and the ceiling height also increases a bit to extend the headroom to 5'11" (1.80 m).

Crew Galley

Outer Reef 700 galley Image not found or image unknown

The door to the right of the galley leads to an interior stair with crew laundry, then up to the salon. The watertight engine room door with the round window is behind Captain Steve.

The crew space includes a small kitchenette, or perhaps in nautical parlance, a galleyette. An Advantium microwave/convection oven is over the granite counter, with a stainless steel undermount sink and glass tile backsplash. The cabinet under the counter has storage and a drawer-style refrigerator/freezer unit.

Crew Laundry

Just to the right of the crew kitchen is a door leading to the crew laundry and an interior stair up to the main deck salon.

Outer Reef 700 washer dryer

The crews' front-load washer/dryer units are mounted side-by-side behind louvered closet doors in the stairwell to the salon.

The deck continues in front of the washer/dryer with the same wide teak flooring and the Wenge edging found throughout, to seven stairs with matte inserts heading up to the salon.

Outer Reef 700

Full-size appliances add to the feel of a custom home onboard.

Engine Room

Outer Reef 700

Through the crew galley and the watertight door into the engine room we go.

The deck has an Edura coin-dot floor, so going shoeless in this space is not a problem. The headroom is 5'9" (1.75 m) and there is a minimum pinch point of 19" (.48 m), opening to 26" (.66 m) between the engine railings.

Outer Reef 700

The engine room has grab rails at every hand — even around and over the engines.

Outer Reef 700

The railings continue around each engine and here is something new, a removable stainless steel workbench over each engine.

The engines are twin 750-hp John Deere 6135 diesels with ZF transmissions. This boat has ABT hydraulic bow and stern thrusters and an ABT Trac 220 stabilizer with upgraded fins so power take-offs (PTOs) are on each engine.

Outer Reef 700 Image of Outer Reef 700 is unknown

The gold case lower left is the Seatorque enclosed drive shaft system. This system reduces vibration and protects the transmission in case of grounding and reduces shaft and cutlass bearing maintenance among other things. PTOs are in the upper right.

Outer Reef 700 Image of Outer Reef 700 is unknown

Behind the port engine is a MarineAir water chiller for the boat's A/C, which connects to air handlers throughout the vessel.

There are engine starting batteries in proper boxes for each engine as well as 8D AGM house batteries.

Outer Reef 700 Image of Outer Reef 700 is unknown switches

The battery switches are by the door at the entrance to the engine room. Above the engine battery switches is a panel with generator gauges and above that is the switch for the deck davit.

Outer Reef 700 Image of Outer Reef 700 is unknown battery box

A battery box sits in front of the genset. On the shelf above the genset is the ANG power regulator. On the starboard side on a shelf behind the engine is an ANG power boost transformer that regulates power. Under the shelf is a 20 kW Northern Lights generator in a sound shield. A second genset is on the port side.

Outer Reef 700 Image of Outer Reef 700 is unknown glendinning

Above the white Glendinning helm control boxes is the fresh air supply that can be shutdown automatically when the fire suppression system is activated.

Outer Reef 700 Image of Outer Reef 700 is unknown fuel tanks

Three aluminum fuel tanks with a total 2,400 gallon (9,085 L) capacity can be drawn on by adjusting the yellow-handled valves under the sink.

A handy work sink in the middle has fuel manifolds below and an oil change system next to that for the engines, transmissions, and generators. Part of the ABT system for the thrusters and stabilizer is above the sink. A Fireboy fire suppression system tank is next to that.

Outer Reef 700 Image of Outer Reef 700 is unknown

In front of each engine is a sea chest (the black glass) that helps minimize the number of bronze ball-valve seacocks below the waterline.

There are four automatic 24V bilge pumps for the engine room and in an emergency, bilge suction off the engines.

There is a 400-gallon (1,514 L) water tank with a sight glass in the corner and a Max Q 1,800 gallon (6,814 L) per day watermaker. There are three aluminum fuel tanks, with Lexan sight glasses, holding a total 2,400 gallon (9,084 L) capacity, and a fuel polishing system.

Outer Reef 700 watermaker

Above the watermaker is venting with T5 blowers behind the louvers, which are all connected to the fire suppression system. The manual emergency pull for the system is the red handle, top middle.

Helm

Outer Reef 700 lower helm

The lower helm of the Outer Reef 700 has a walkway around its exterior known as a Portuguese bridge. The primary helm is forward of the salon on the main deck level. From the helm, there is a clear view all the way aft through the salon.

Outer Reef 700 wall

The half-wall divider between the galley and the dinette has a mechanized panel that can be raised to separate the bridge from the main deck.

Outer Reef 700

Shown here from the helm side, the panel is raised to screen the helm from activities in the salon and galley.

In front of the helm are five forward-facing panels of 1/2" (.01 m) tempered safety glass. The windshield slopes aft toward the overhead to deflect seas. The panels are fixed into recessed frames and the middle three panes have Exalto windshield wipers and a washer system.

Within the helm, the same teak trim is prevalent with the exception of the burled wood panel dash in front of the instruments.

Outer Reef 700

Three 21" (.53 m) navigation screens grace the panel. To the left of the screens is a wind anemometer over a VHF, and on the right is a depth sounder.

Outer Reef 700

The steering wheel, like many other aspects of the boat, was upsized. This one looks the same as the standard wheel but is actually a larger 800 series wheel.

A 30" (.76 m) destroyer-style wood wheel is mounted on the centerline of the boat with a fully adjustable powered Stidd helm chair directly behind it. Offset to the left of the wheel is another Stidd chair for a guest

navigator or lookout.

 Outer Reef 700 unknown

The orange binocular strap next to the Stidd helm chair sits in a custom-built binocular holder. On the flat just in front of the wheel are the John Deere engine panels with the throttles and autopilot controls on the right. In front of the throttle is the control for the 38-hp bow and stern thrusters.

 Outer Reef 700 engine gauge

To the left of the engine gauges are the raw water alarm, FLIR (Forward-Looking Infrared camera), wiper controls, anchor windlass, stereo, and searchlight.

 Outer Reef 700 storage

On the console in front of the guest chair is a panel that lifts up for chart storage and also holds a 24" (.61 m) flatscreen TV (the stainless bracket). Below the chart storage is 110v-220v AC electrical panel. Accessory rocker switches are in the middle. On the dash behind the TV mount are the genset controls — flip these on and we can disengage from shore power.

 Outer Reef 700 12v

Over on the side are the 12V and 24V panels.

 Outer Reef 700 unknown

Above the windshield is a wood brow that from left to right has a tank tender monitor, A/C display, Gost security panel tracking open doors, a pump control panel, water maker monitor, stabilizer display, and finally a black water display for the Dometic 200-gallon (757 L) holding tank (just out of the picture).

 Outer Reef 700 unknown

Pilothouse doors lead out onto the bridge deck, which wraps around the exterior and is protected by a bulwark.

 Outer Reef 700 unknown

The bulwark in front of the pilothouse is 32" (.81 m) high with a railing height of 41" (1.04 m). There is an access port here for the Glendinning helm controller (by Captain Steve's knee) as well as one aft and another on the flybridge. There is also a gate in the rail for going forward to the bow.

Flybridge Helm

 Outer Reef 700 deck plan

The flybridge contains the covered upper helm with its adjoining seating area and the boat deck.

 Outer Reef 700 unknown

There is a Venturi windscreen just below the stainless railing, but otherwise, there's no isinglass to obstruct the commanding view.

Outer Reef 700

Oversized stainless steel hardware, like the wheel, is a theme found throughout the boat.

The fiberglass console has two 17" (.43 m) displays with wind and depth displays to either side. The engine panels and gauges are in the middle divided by a magnetic compass in line with the wheel. On the left is the windlass control, searchlight, forward-looking infrared, Fusion stereo, and VHF along with a raw water alarm. On the other side are the autopilot, the grid controller, bow and stern thrusters, trac stabilizer, and digital engine control.

On this helm are Stidd chairs like we have down below, only in white leatherette.

Outer Reef 700

In front of the second flybridge helm seat is a 1½" (3.81 cm) grab rail with storage below and plenty of space on top. A portable flatscreen TV mounts in the round stainless socket.

Flybridge Entertainment Space

Outer Reef 700

Up a couple of 8" (20.3 cm) steps from the boat deck and through the wing door is the flybridge entertainment area.

L-shaped settees with Vetrazzo pedestal tables are on both sides of the door. The tables can slide and adjust.

Outer Reef 700

We should point out a small detail that speaks to the quality of the boat that would otherwise go unnoticed – the deck drains. This drain is plumbed all the way to the waterline so that no runoff streaks mark the side of the hull. A simple solution to a common problem, but one that required forethought to fix.

Outer Reef 700 hardtop

The hardtop covering the flybridge has recessed lighting, stereo speakers, and a 6'8" (2.03 m) headroom.

Outer Reef 700

Slide the hatch on the right side of the helm console for access to interior stairs leading down to the main deck.

Boat Deck

Outer Reef 700

The stanchion in the middle of the boat deck supports a removable awning. The davit for the tender is stowed behind the boat.

Behind the flybridge and a few steps down is a boat deck with a 14' (4.27 m) AB tender with a 60-hp Evinrude E-TEC. The davit can launch the tender to port or over the stern and has a 1,700 lb. (771 kg) lift capacity. There are also two eight-person life rafts attached to the side rails on the boat deck.

 Outer Reef 700 Image not found or the unknown

There is a fixed ladder to get up on the hardtop. From here we can access the spreader lights or the mast array up above.

 Outer Reef 700 Image not found or the unknown

The Glendinning remote helm control can be plugged in on the boat deck, the aft deck, or on the Portuguese bridge.

Boat Deck Social Area

 Outer Reef 700 Image not found or the unknown

This view of the boat deck's social area with seating, bar and wet bar grill also shows an operational aspect: how the life rafts are integrated right into the safety rails, keeping the decks clear, but also ready for instant deployment.

At the top of the ladder from the aft deck, we find the boat deck with two chaise lounges. Poles support a removable awning.

 Outer Reef 700 Image not found or the unknown

On the forward end of the boat deck is a custom Vetrazzo bar with three stools and storage below.

 Outer Reef 700 Image not found or the unknown

On the starboard side are a covered sink and a propane grill.

 Outer Reef 700 Image not found or the unknown

The propane bottle for the grill is behind the storage door with horizontal vents. There is a freshwater washdown faucet in the flip-down next to it.

Foredeck

 Outer Reef 700 Image not found or the unknown

On the foredeck, the front face of the bulwark for the Portuguese bridge acts as a backrest for a cushioned bench seat with a storage box below. On the deck in front of the seating is the skylight for the forward cabin.

Ground Tackle

Outer Reef 700 Image courtesy of the unknown

The Maxwell 24v hydraulic windlass has both foot control pads and remote controls on the upper and lower helms.

On the foredeck, the bulwark by the anchor measures 32" (81.3 cm) high and is capped by another 1½" (3.81 cm) stainless rail, which is 42" (107 cm) off the deck. The stainless steel Ultra plow anchor is housed on a raised platform with a bow roller through the bulwark. The rode goes through a chain stopper before getting to the Maxwell windlass. There is a 10" (25 cm) cleat on the platform as well.

Outer Reef 700 Image courtesy of the unknown

To either side of the raised anchor platform are storage for fenders and lines. The port storage locker has a washdown system.

The foredeck has hawseholes with integral cleats as well as 18" (45.7 cm) bits and 12" (30.5 cm) cleats for securing lines on the 15' x 10' (4.57 m x 3.05 m) foredeck.

Outer Reef 700 Image courtesy of the unknown

The pilothouse bulwark has a forward shore cord connection.

Side Decks

Outer Reef 700 Image courtesy of the unknown

Covered sidedecks with high railings make it easy and safe to move around the exterior of the main deck. Note the additional sideport opening through the bulwark.

The Portuguese bridge embraces the exterior operations seamlessly. As we leave the pilothouse door on the starboard side onto the 22" (55.8 cm) wide side deck, the overhead extends to provide cover, but it also flares slightly to act as a sunshade. We feel perfectly safe behind the 33" (83.8 cm) bulwark with the 39" (99.1 cm) railing to hold onto. The 6'7" (2.01 m) overhead has lighting and the attention to exterior detail is noticeable in things like the recess for the life ring into the cabin house side. All deck drains are plumbed to the bootstripe, so the side doesn't end up with streaks all over it.

Outer Reef 700 Image courtesy of the unknown

On the starboard side, the exterior door on the left leads into the day head.

Outer Reef 700 Image courtesy of the unknown

Three steps down and we find the fuel fill hidden in this locker, opposite are hawseholes and chocks for spring lines.

Outer Reef 700 Image courtesy of the unknown side doors

At the end of the side decks are doors to isolate the aft deck for privacy and from fueling operations or heavy seas coming back.

Getting Underway

Outer Reef 700

With external helm controllers, an experienced skipper could dock and undock the Outer Reef 700 singlehandedly.

Getting off the dock during our test, we're using the flybridge helm. The visibility up here is great and we can appreciate the powerful bow and stern thrusters. We can see how a couple could handle this boat by themselves.

Performance

Outer Reef 700

With its 2,400-gallon (9,085 L) fuel capacity, the Outer Reef 700 could sustain the top speed for 33 hours, or cruise at 8.4 knots for 12 days without refueling.

The Outer Reef 700 has an LOA of 71'5" (21.77 m), a beam of 18'6" (5.64 m), and a draft of 5' (1.52 m). With an empty weight of 120,000 lbs. (54,431 kg), 2,160 gallons (8,176 L) of fuel and no water in the 400-gallon tank, plus four people onboard, we had an estimated test weight of 133,757 lbs. (60,671 kg).

WOT Speed. With twin 6135 John Deere 750-hp diesel engines turning 38" (97 cm) diameter, 4-bladed propellers with a 33" (84 cm) pitch with ZF transmissions, the Outer Reef 700 reached a top speed of 16.7 knots at 2250 rpm in moderate conditions.

Long Range Cruising Speed. When we backed off to 1100 rpm and 8.4 knots, we found our far better fuel economy, with a burn rate of 8 GPH and a range of 2277.4 NM, all while still holding back a 10-percent reserve of the boat's 2,400-gallon (9,085 L) total fuel capacity.

Going still slower, at 7.7 knots, she burns 5.8 gph for a range of 2,882 nmiles, which makes her truly a trans-oceanic vessel.

Handling

Outer Reef 700

Note the rub rail that extends all the way to the pilothouse on the side of the boat to protect the hull from pilings.

This boat is not about top-end speed but going the distance at a secure, relaxing pace — as it should be.

Outer Reef 700
Image courtesy of Outer Reef Yachts

The chine near the forefoot has a curved roll to force water down and aft, not just out.

A semi-displacement vessel like the Outer Reef 700 is inherently more stable than a rounded bottom full-displacement hull. For most vessels, the majority of their time is spent either in an anchorage or at a dock. Semi-displacement vessels are less prone to rolling and far more comfortable at anchor than any rounded bottom design.

On the other hand, while hard-shined vessels have more initial stability, the more a round bottom boat rolls the greater its stability becomes.

With the hydraulically controlled ABT stabilizer fins added to the design, the boat is stable and we'd have no hesitation going offshore in less than ideal conditions with her.

Maneuvering around the dock with the powerful bow and stern thrusters was easy. The wire remote Glendinning allowed us to position ourselves for clear sightlines while maneuvering alongside.

Docking

Outer Reef 700
Image courtesy of Outer Reef Yachts

Normally, we would use the upper helm for docking or even the remote Glendinning plug-in on the boat deck to come into the dock, but we wanted to see how effective it was from the lower helm.

Outer Reef 700
Image courtesy of Outer Reef Yachts

Taking our time and with the aid of the powerful 38-hp hydraulic bow and stern thrusters, she slid safely back into the berth and easily alongside.

Accommodations

Outer Reef 700
Image courtesy of Outer Reef Yachts

This diagram of the accommodation deck shows the full-beam master requested by the owners for *Julianne*.

Outer Reef 700
Image courtesy of Outer Reef Yachts

The stairs leading from the pilothouse down to the accommodation deck land on a decorative inlay. As we descend the stairs from the flybridge to the pilothouse, one can't help but notice the detailing in the teak railing. The stair treads have a skid-resistant recessed Bolan insert. Now, let's keep going down to the accommodation deck and check out the three staterooms on that level.

Outer Reef 700
Image courtesy of Outer Reef Yachts

The VIP stateroom is in the bow to the right, another guest suite is straight ahead, and to our left, we'll find the master.

The passageway has a wide teak decking with Wenge border found throughout the boat. The entire accommodations deck has a 6'7" (2.01 m) overhead clearance.

Master Stateroom

Outer Reef 700

The master stateroom has a walk-in closet next to the full-length mirror. Inside the closet is a custom shoe rack.

The full-beam master suite has a king-size 81" x 69" (2.06 m x 1.75 m) berth with a Madrona burl berth keeper and drawer storage below the bed. There is a 40" (1.02 m) flatscreen on the bulkhead at the foot of the bed. A full-length teak framed mirror sits beside the walk-in closet.

Outer Reef 700

Above one of the nightstands in the master is a built-in chartplotter for the owner to keep an eye on the yacht's position from the comfort of the kingsize bed.

Nightstands flank the head of the bed. Beneath two opening ports to each side of the suite are custom bureaus, with nine drawers each. Above the bureaus are plenums for air conditioning.

Outer Reef 700

Each side of the master has matching bureaus and a door to the adjoining his-and-her ensuites. Some details to note — the burl accent on the top of the bureaus. Below the bureaus and berth are recessed spaces for toes, so one can stand closer to the furniture without leaning over it.

Outer Reef 700

The his-and-hers heads, each with its own entrance, are to either side of the nightstands.

Master Ensuites

Outer Reef 700

Opening ports cast natural light in the adjoining heads.

The his-and-hers heads share the same teak woodwork, L-shaped vanities with undermount sinks, and a Silestone counter and decking.

Outer Reef 700

The port side hers head has a makeup mirror and both have a mirror fronting a teak medicine cabinet.

The commodes are Tecma marine electric toilets.

Outer Reef 700

The two heads are connected by a central walkthrough shower stall with tempered glass doors separating the respective heads.

The shower stall has a corner bench seat, Silestone flooring, and walls trimmed with tile. Both heads have a CE-certified opening portlight with screen. The vanities seem to have more than adequate storage.

Laundry

Outer Reef 700

Just forward of the master stateroom is the second laundry on board.

Leaving the master, we pass a closet with a full-size front-loading stacked washer and dryer. Note how the laundry door opens, then slides away.

VIP Guest Quarters

Outer Reef 700

The VIP stateroom uses the same burl mattress keeper found on all the berths. Note the toe kick insert below the drawer set.

We continue forward to the guest cabin in the bow, which has a common island berth arrangement. The 80" x 58" (2.03 m x 1.47 m) double berth has steps up on either side with bookcases above. A/C vents are above the bookcases. And again, the teak and burl detail carries throughout. These ports don't open, but there is a skylight 3'3" (.99 m) over the bunk that does.

Outer Reef 700

The CE approved skylight over the VIP berth could act as the required second egress point in an emergency. The mirror over the head of the berth reflects the TV at the foot of the bed.

A mirror and sconces over the headboard add light to the cabin. There are drawers under the bunk, storage in the side cabinets, a hanging locker to both sides, and a 24" (61 cm) flatscreen on the bulkhead.

Outer Reef 700

Hanging lockers are to both sides of the VIP berth.

VIP Ensuite

Outer Reef 700

The VIP ensuite consists of a single sink vanity with a mirrored medicine chest over it. The glass backsplash around the Silestone-topped vanity and teak finishes continue the décor from the rest of the boat. The ensuite includes a fiberglass shower stall with a molded bench seat and frosted glass door, an opening port in the stall, and the Tecma electric toilet.

Port Guest Cabin

Outer Reef 700
Outer Reef 700 unknown

The port guest cabin or third stateroom has two single bunks mounted athwartships. There is a larger 78" x 55" (1.98 m x 1.39 m) bottom berth and a 78" x 30" (1.98 m x .76 m) Pullman style upper berth. Both bunks have the Madrona burl berth keepers. This cabin also has 6'7" (2.01 m) headroom with the lower berth having 4'4" (1.32 m) above it. Teak wall paneling, flooring, and detailing continue throughout. The cabin has an opening port for ventilation and its own A/C controls. There is a cedar-lined hanging locker outboard, a full-length mirror on the inside of the cabin door, and a flatscreen TV by the head of the bunks.

Port Guest Cabin Ensuite

Outer Reef 700
Outer Reef 700 unknown

Stone features in each head are slightly different. The port ensuite has a marble deck and vanity top. Outer Reef 700 shower wand

The port ensuite has an opening port in the shower stall. The ensuite for the third stateroom has a single sink teak vanity with a marble top, a fiberglass shower stall with frosted glass door, molded bench seat, opening port, and tiled mosaic floor. The floor in this head is marble and there is a Tecma electric toilet.

Salon

Outer Reef 700
Outer Reef 700 unknown

There is a wide-planked teak deck below the protective floor coverings in the salon. If anyone was going to live aboard a long-range cruiser for any extended time, they would want a comfortable salon. Traveling the world, we'd also want one that invites and impresses guests onboard. The front-to-back open concept of the Outer Reef 700, with no bulkheads between the pilothouse, galley, and salon makes this space feel larger than it is and invites socializing. Outer Reef Yachts has enhanced the feeling of size in the salon with simple design elements like the pocket entrance door that doesn't intrude, huge glass windows, a 6'6" (1.98 m) overhead clearance, and a TV that retracts cleanly away into a locker.

Outer Reef 700

The “eggcrate-truss construction” method employed on the Outer Reef 700 allows an open layout on the main deck with no bearing partitions.

Outer Reef 700

A burled wood insert around a salon scone adds elegant detail.

Everything adds up to a bright, open and airy space that feels like a custom home, with touches of elegance in the teak and Wenge flooring, the burled accents around the sconces, and the beamed ceiling.

Outer Reef 700

The salon has stairs leading below to the crew’s quarters and even these incorporate storage and elegance. Note the Wenge detailing on the post.

Outer Reef 700

Home-like comforts are a theme throughout the entire boat.

The settee with rounded arms, leather armchairs, and the adjustable high-low coffee table contribute to the relaxing feel.

Outer Reef 700

The salon TV has Bose speakers just above, and the louvered cabinet secures the multi-media electronics. The attention to detail is evident. The 48” (121.9 cm) TV pivots and even the switches are labeled.

The details continue with tinted windows that have an added film on the inside to reflect heat — they actually feel cool to the touch — even here in Florida.

Outer Reef 700

The detailing on the TV and corner cabinets from the fiddles to the toe space beneath them is both subtle and intentional.

Galley

Outer Reef 700

While visually open to the salon, the American-style galley has a defined separation made by the decorated cabinets behind the settee, and the two steps up into the galley.

Outer Reef 700

The galley is raised about 15” (38.1 cm) higher than the salon.

A 6" (15.2 cm) and a 9" (22.8 cm) step brings us up to the galley level with its 6'7" (2.01 m) overhead. The countertops are Silestone and the cabinets are teak. An L-shaped counter has cabinetry and appliances below.

Outer Reef 700 kitchen

The 700 has every convenience of a custom kitchen right down to the Insinkerator Evolution garbage disposal.

A small island provides additional counter space and storage. There are overhead cabinets over the salon divide, a GE Monogram Advantium combo microwave/convection oven, a four-burner GE induction cooktop below that and a full-sized GE oven underneath. Next to the oven is a spice cabinet and beside that is a split stainless steel undermount sink with an opening window in front of it.

Outer Reef 700

Captain Steve checks out the full-sized GE dishwasher with its teak front.

The lower cabinets which act as the divide to the salon include further storage.

Outer Reef 700 space

The interior volume of the 700 is maximized by using what might normally be dead space, such as under the stairs to the flybridge, to an advantage.

On the starboard side, built into the space below the stairs to the flybridge, is a GE counter depth French-door refrigerator with bottom freezer drawer. To the left of the refrigerator is a storage drawer over a wine fridge. To the right of the fridge is the door to the day head.

A dining area is separated from the galley by a half wall which contains a motorized partition. This partition can be used to section off the helm from the activity of the main deck.

Outer Reef 700 dining settee

The dining settee and table add seating space to the helm for observers.

Outer Reef 700

Looking aft from the helm, we see the panel in the raised position.

Outer Reef 700

The Stidd helm chairs swivel to add seating for the dining table.

It is on the helm side of this partition that an L-shaped settee and granite table on two pedestals over an elevated platform join forces to provide a casual dining area.

Outer Reef 700

The raised platform under the dining table has storage drawers and cubbies for all sorts of things.

Day Head

Outer Reef 700

The day head is a half bath on the main deck with access doors to both the outside and from the interior where Captain Steve is coming from.

Just off the galley is a day head with a vessel sink vanity and a Tecma electric toilet.

Aft Deck

Outer Reef 700

The aft deck dining arrangement is one of six dining areas to be found on the 700.

We've come from the salon onto the aft deck. Just in front of us is a rectangular teak table with an intricate compass rose inlay and a high gloss finish. On the far side of the pedestal table, tucked between the two inner posts supporting the trailing edge of the hardtop is a cushioned bench seat. Deck chairs surround the other three sides of the table.

Outer Reef 700

The aft deck has a wet bar with a sink in the console on the left. Under the sink is a cabinet containing an icemaker.

To the left of the sink is a drawer-style refrigerator/freezer. The aft deck has doors to separate it from the side decks, and a stairway leading to the boat deck and flybridge.

Outer Reef 700

On the bulkhead above the aft deck wet bar are HDMI, cat 6, and 110v plugs for the portable TV that can be mounted in the socket on the lower right as well as Fusion stereo controls and a depth sounder display.

Outer Reef 700

Teak decking continues from the aft deck and down twin stairs to the swim platform.

If we stand by the wing doors leading to the swim platform, we'll get a closer look at the massive stainless steel posts supporting the hardtop, which is a 6'8" (2.03 m) overhead. There is a practical reason for the size of these posts: The hardtop over the aft deck has a 1,700 lb. (771 kg) capacity crane just above on the boatdeck for launching the tender, so the loads have to be supported below by large stainless steel posts.

Outer Reef 700

Here we can see the posts supporting the hardtop over the aft deck.

Outer Reef 700

One last detail about the aft deck - there are side ports to facilitate boarding from a high pier.

Equipment Discussion

Optional Equipment

Built to order.

Price

About \$4 million, depending on the equipment added.

Observations

The Outer Reef 700 exudes the luxury of a custom home. At 133,000 lbs. (60,454 kg), she is more easily driven than heavier full displacement vessels, and our experience is that twin engines are more efficient than a single, plus there is redundancy.

She fulfills her mission of a long-range, fuel-efficient cruiser and then some. With a range of over 2,800 nmiles at 7.7 knots, she can make the long hops from Bermuda to the Azores, and from California to Hawaii.

Outer Reef Yachts does not have a dealer network, they work directly with the buyer.