

Tiara 48 LS (2021-)

Price

Base Price

Specifications

Length Overall	48' 4" 14.73 m
BEAM	14'2" 4.32 m
Dry Weight	25,000 lbs. 11,340 kg
Tested Weight	
Draft	
Draft Up	
Draft Down	
Air Draft	
Deadrise/Transom	
Max Headroom	
Bridge Clearance	
Weight Capacity	
Person Capacity	
Fuel Capacity	660 gallons 2,498 L

Water Capacity	100 gallons 378 L
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	
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	
Load	
Climate	

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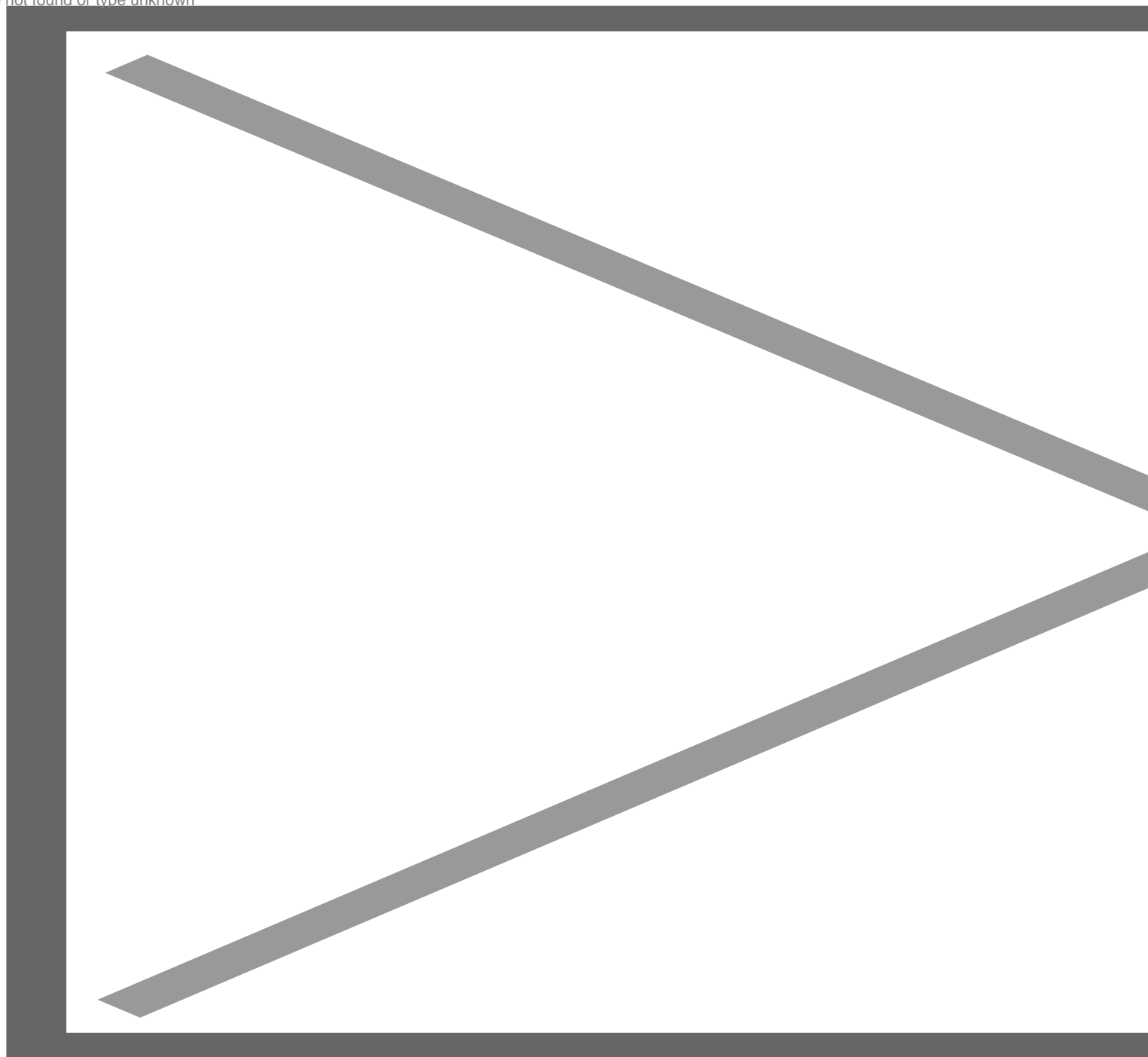
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The 48 LS has a variety of gathering areas whether guests prefer open air or the protection of the hardtop.

Editor's Report by Eric Colby

The largest outboard-powered model from Tiara Yachts, the 48 LS was designed and built for Mercury Marine's new 600-hp V12 Verado outboard. She's a luxurious day boat with an open plan on deck and belowdecks, she sleeps four and has a private head. Throughout, the yacht has the attention to detail and the fine appointments people have come to expect on a Tiara.

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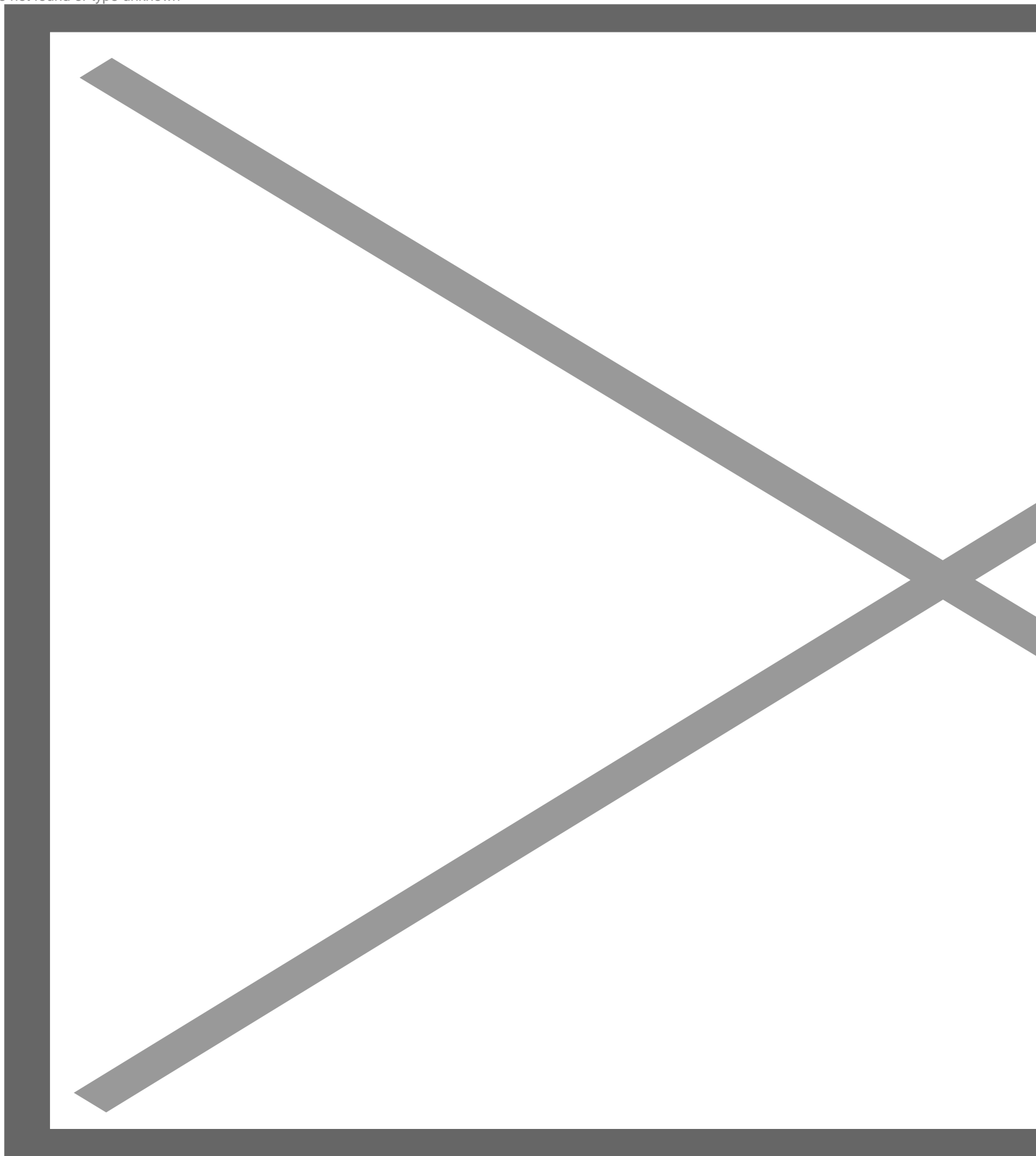
From the swim platform to the bow, all the gathering areas are on the same level.

Designed to Entertain

The 48 LS is designed with asymmetrical side decks. The port side is raised to provide better headroom for the cabin and is best when used boarding from a high dock. To starboard, there's protected passage from

the cockpit to the bow where there's nearly circular seating for up to 8 people and a table that can be lowered.

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With the table raised, the bow provides a booth where the kids can enjoy lunch in peace. Notice the recess in the deck that the table can be lowered into.



The starboard passageway has tall bulwarks that make going forward safe and secure and the hardtop provides additional protection.

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Two steps lead up to the raise port-side deck that is intended for use when someone is boarding from a raised pier.

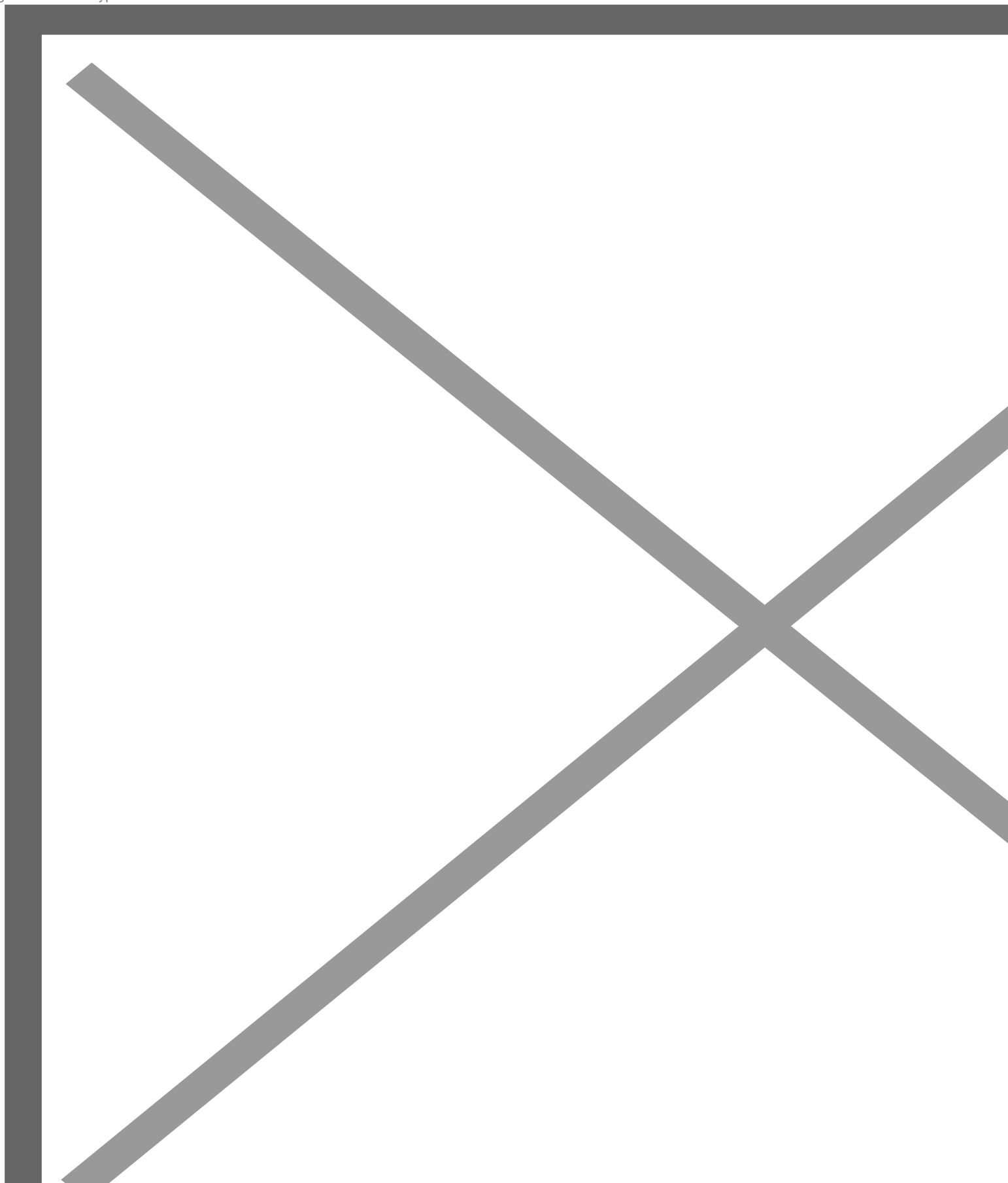
Working our way aft, electrically activated sliding doors on each side access the helm. A roller bulkhead just abaft the four helm seats that's also electrically powered encloses the helm for four-season cruising capability. Each of the four captain's chairs adjusts individually and there are folding fiberglass footrests plus two-level angled steps on the console. The dash has three Garmin GPSMap multifunction displays, a Mercury VesselView monitor, a Garmin VHF radio and a Garmin autopilot, dual USB charging outlets and a glovebox and rail to starboard. The boat comes standard with Lenco auto-retracting electric trim tabs and a 5 kW Lewmar bow thruster. For entertainment, the boat has A Fusion Apollo Three Zone system with 10 JL Audio speakers and three stereo remotes, one in the cockpit, one in the bow and one in the cabin. Overhead, the hardtop has opening hatches and is built on a custom, angled frame that blends well with the 48 LS' lines.



The helm has an upscale automotive feel with large glass dash areas for the multifunction displays and there's space for more electronics in the hardtop.

Abaft the helm is a U-shaped galley that's also protected by the hardtop. It's fully equipped with a grille, sink refrigerator, ice maker and plenty of counter space for food preparation. This area would also be a good place for guests to stand and still be able to look forward when the helm is full.

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The 48 LS has a variety of gathering areas whether guests prefer open air or the protection of the hardtop.



A bench seat folds out of the aft section of the galley to provide additional capacity.

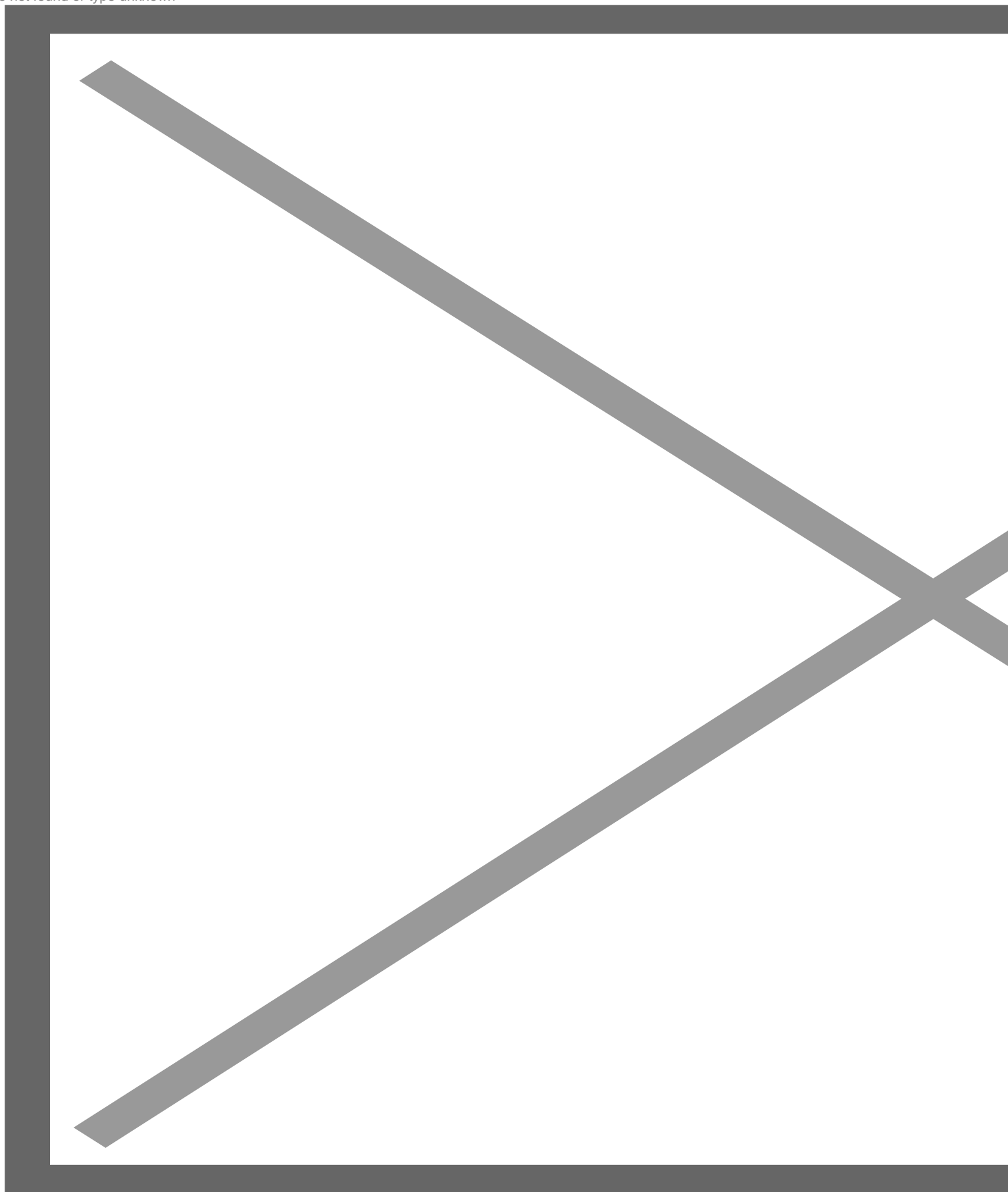
Farther aft, a rear-facing lounge and a table on dual posts with folding sections forms the primary entertaining area on the 48 LS. The after-most seat on the boat is Tiara's bench on a module that rotates and locks in forward and aft-facing positions. It has two individual backrests that can also be set to face forward or aft. Overhead, a Makefast Sunshade can be extended to provide full cockpit coverage. A TV folds down from the hardtop as well.

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The aft lounge can be set up with forward or rear-facing backrests and the whole module can be pivoted for maximum versatility.

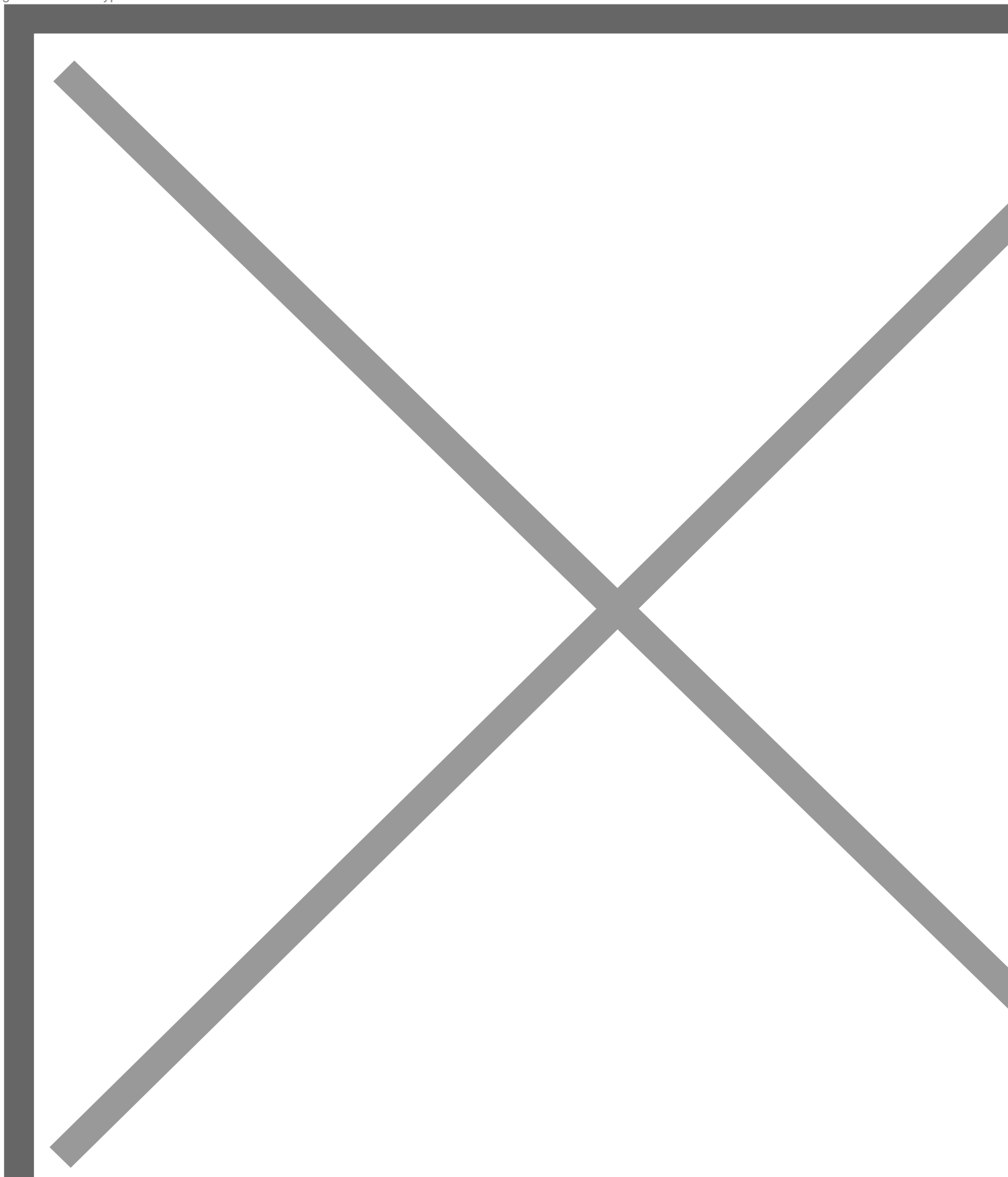
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The hullside door to starboard opens inboard and makes it easy to reboard after a swim or step aboard from a water-level dock.

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Opposite the hullside door, the port bulwark folds out to create a private beach and expand the cockpit's utility.

Stainless-steel framed acrylic gates close off the passage to the swim platform. There's space to pass in front of the outboards and the platform has a four-step boarding ladder to starboard. There's also hot and cold freshwater shower.

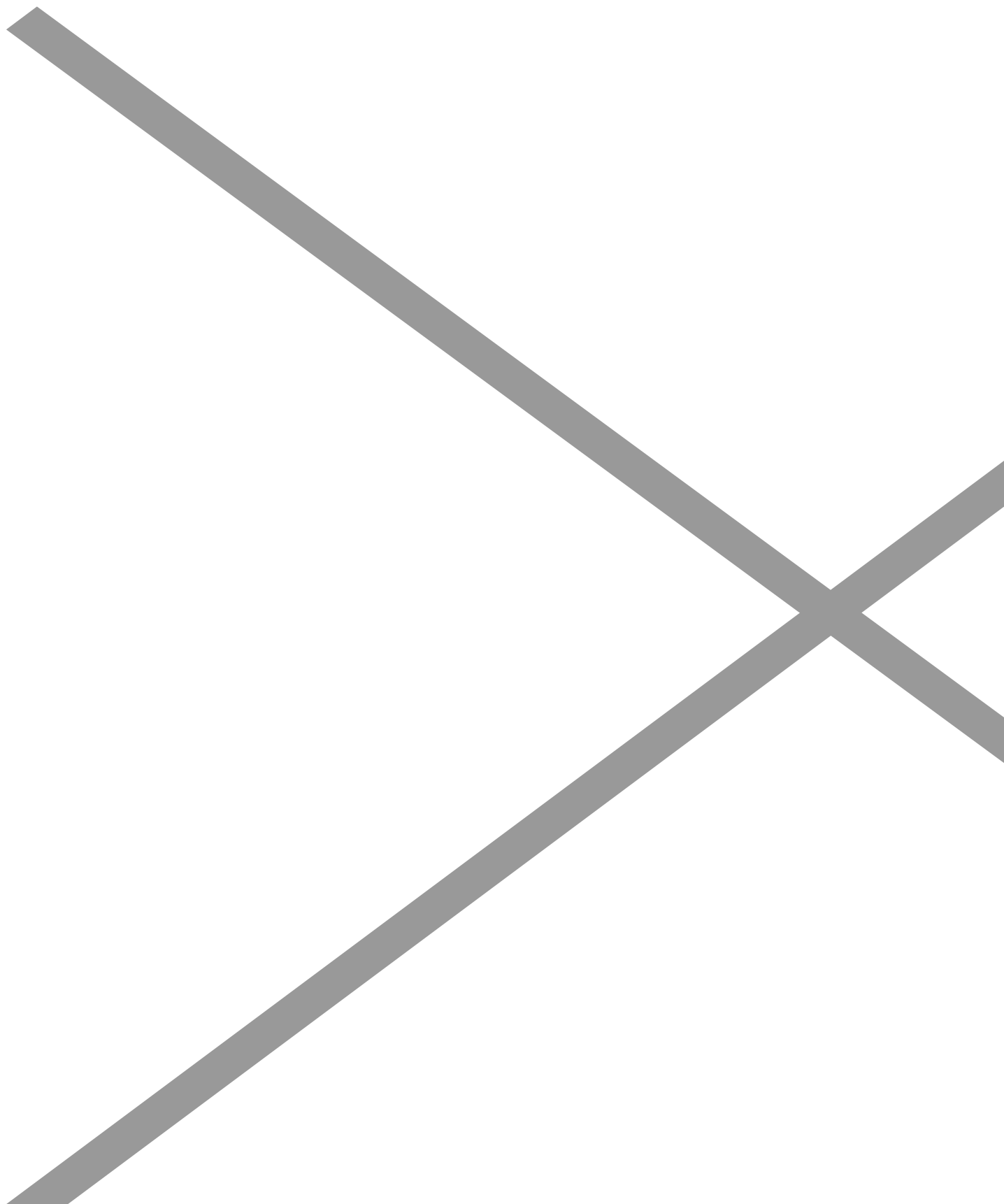
The Accommodations Deck

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The 48 LS has a private cabin in the bow and sleeps two more aft.

A sliding hatch in the helm console provides entry to the 48 LS' cabin. There's an island queen berth in the bow with the private head at the foot. Inside, there's a separate shower stall. Aft, the mid-cabin has two single berths that can be slid together to form a larger area that can accommodate two adults. Opposite the head is a small galley with a counter and microwave oven



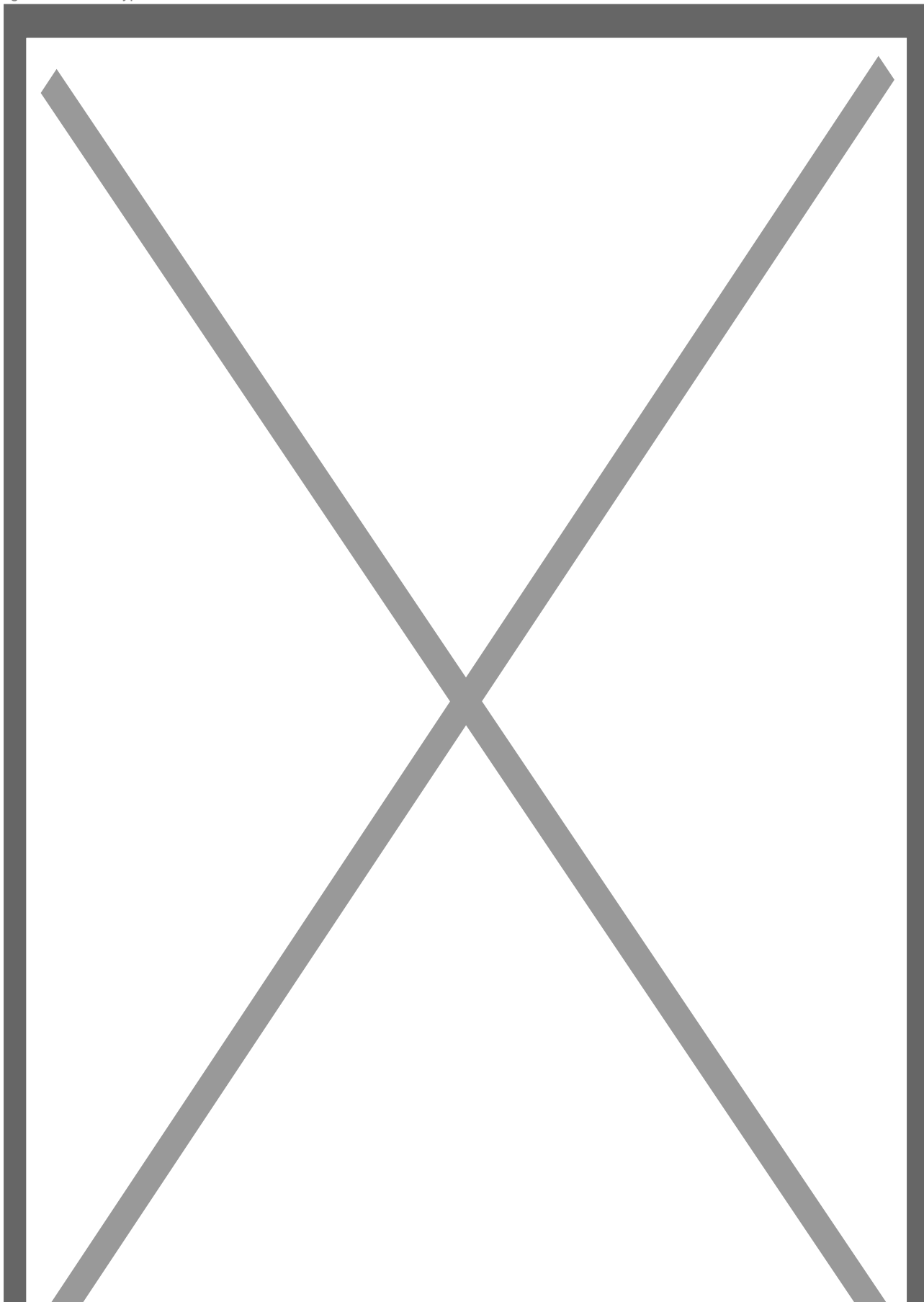
Here we see the benefit of the raised port side deck walkway. It opens up the headroom for the berth in the 48 LS' bow.

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Here we see the benefit of the raised port side deck walkway. It opens up the headroom for the berth in the 48 LS' bow.

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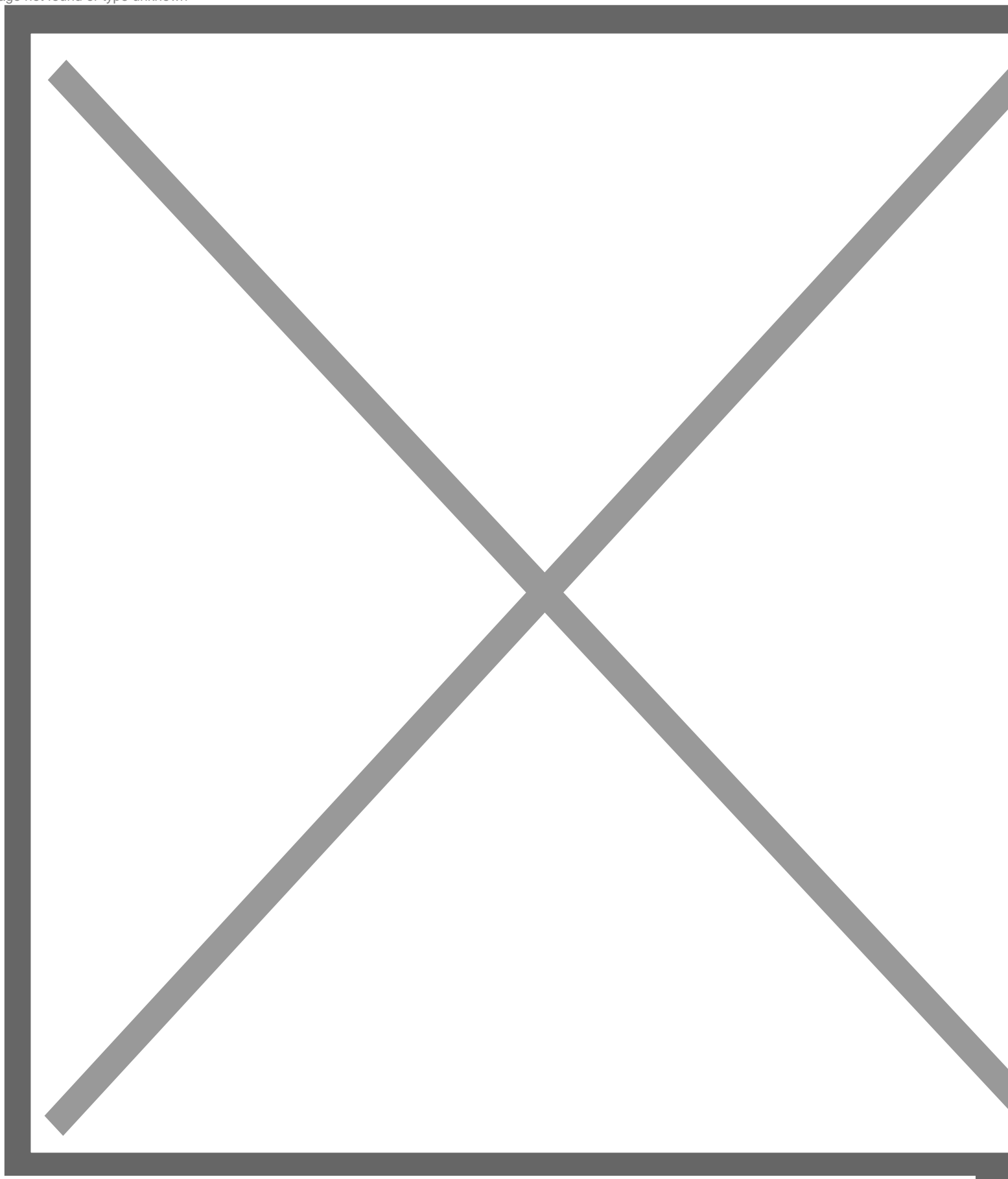


The head has its own separate shower, which enhances the boat's upscale feel and check out that headroom.

Propulsion

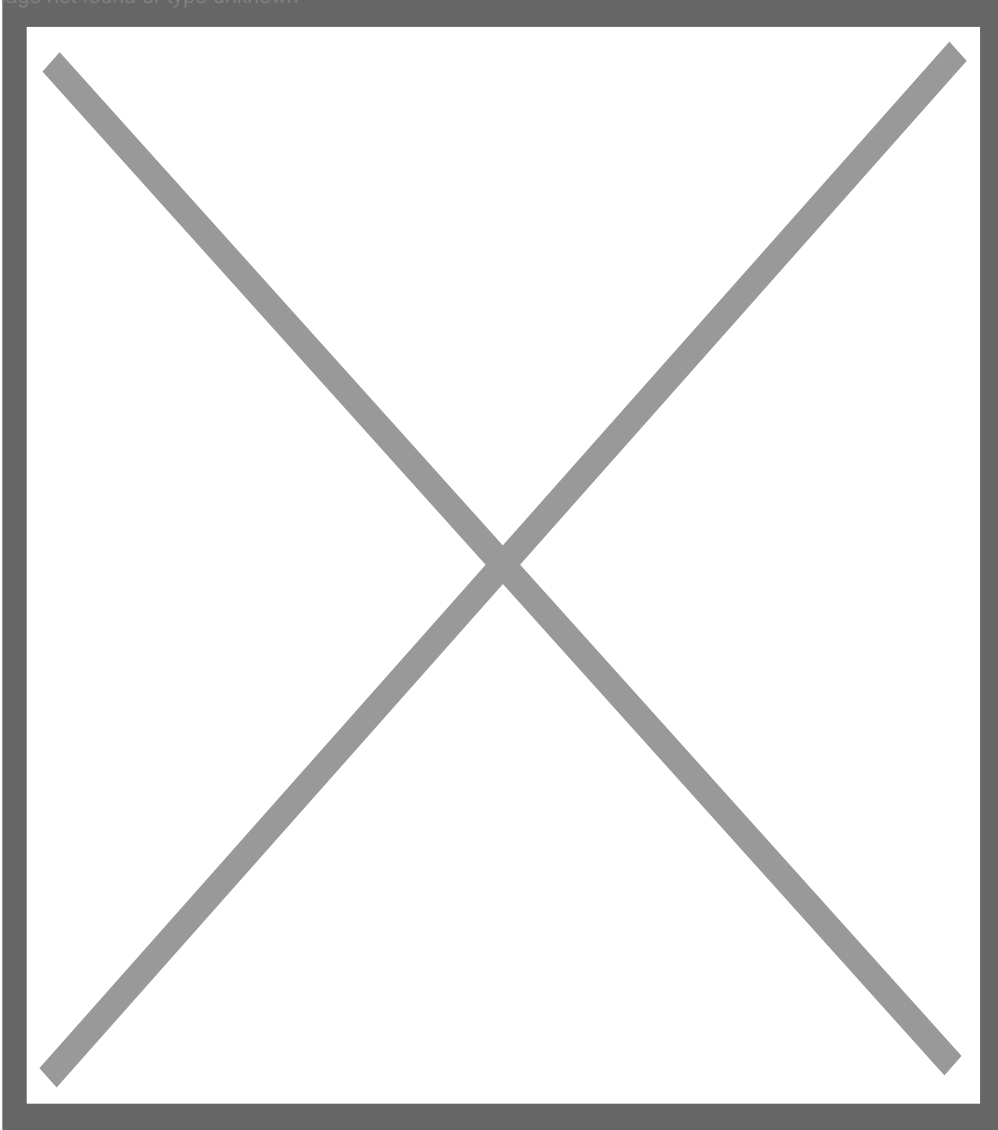
Power for the 48 LS is triple 600-hp Mercury Marine V12 Verado outboards. The naturally aspirated 7.6-liter engine has a two-speed automatic transom turning dual counter-rotating stainless-steel propellers and only the lower unit moves when the steering wheel is turned. This gives the motor 45 degrees of turning radius in each direction when used with the Mercury Joystick Piloting system and let Tiara mount the engines on 27" (68.58 cm) centers.

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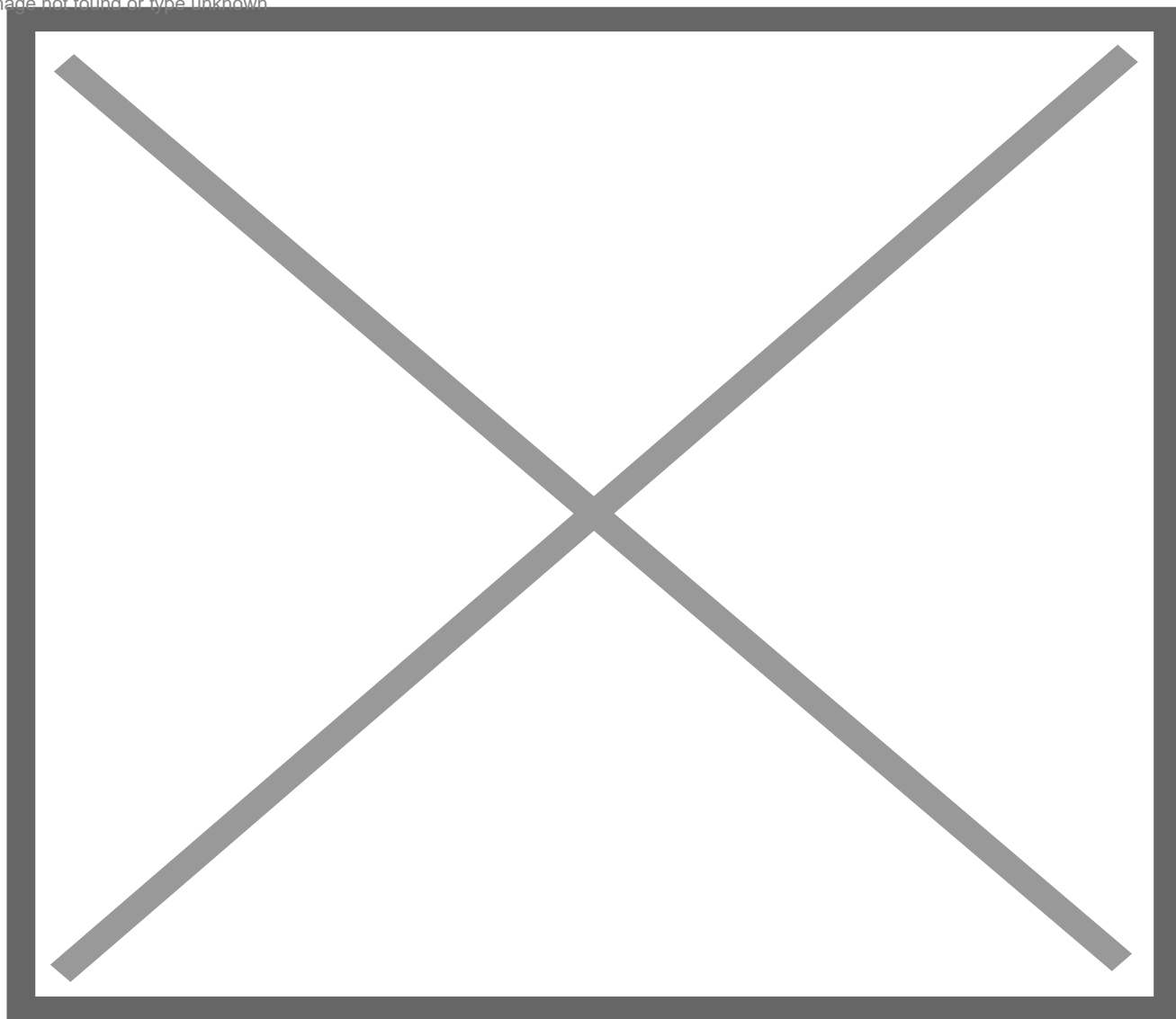
Mercury and Tiara worked together for 1 ½ years developing the 48 LS for the 600-hp V12 outboard.

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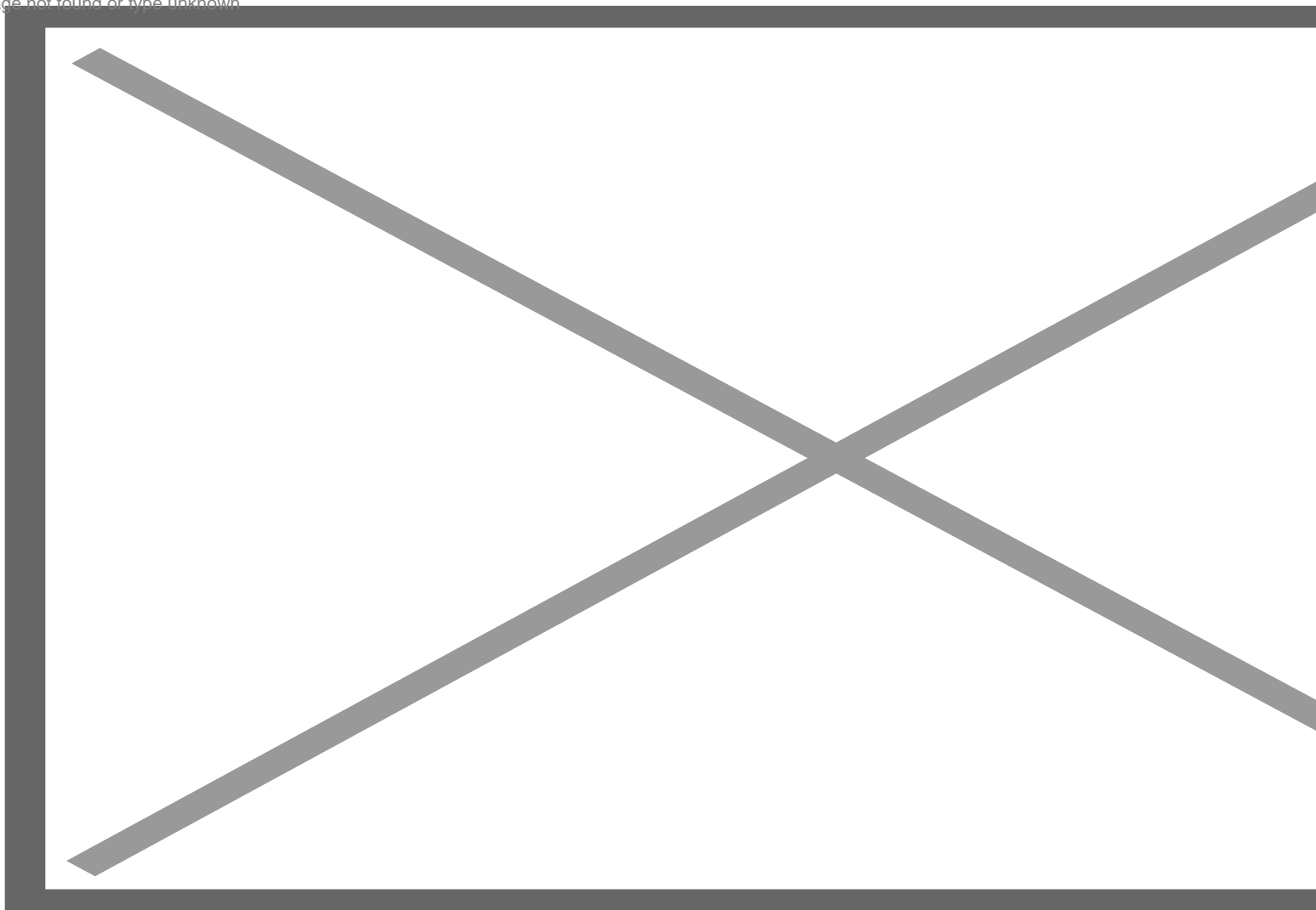
The engine has dual overhead camshafts.

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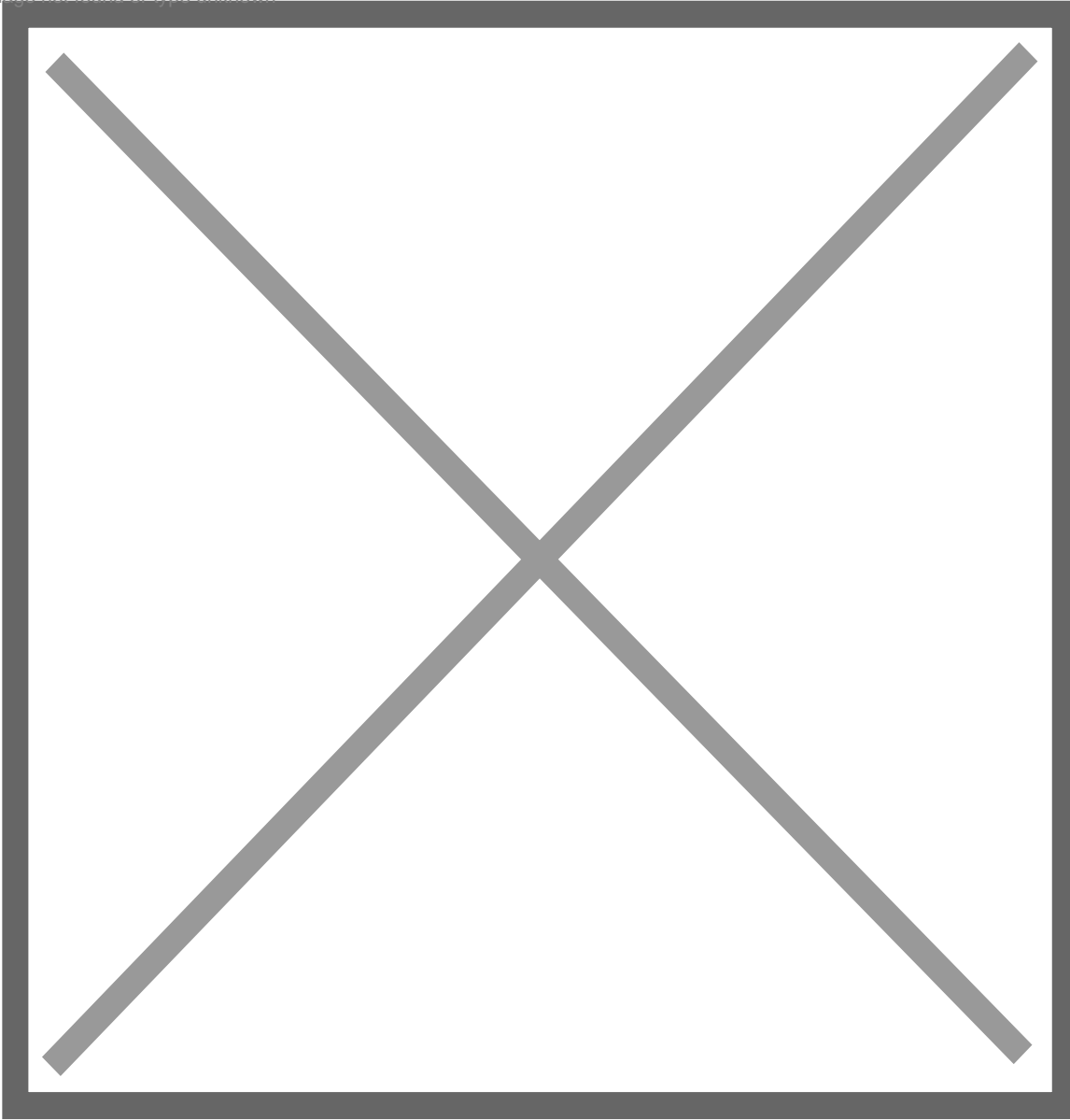
Twin propellers counter-rotate and a two-speed transmission takes advantage of the engine's prodigious torque.

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Notice that the engines' midsections are facing forward, but the lower units are turned.

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All dipsticks and quick-check items can be easily accessed with the engine's hood open.

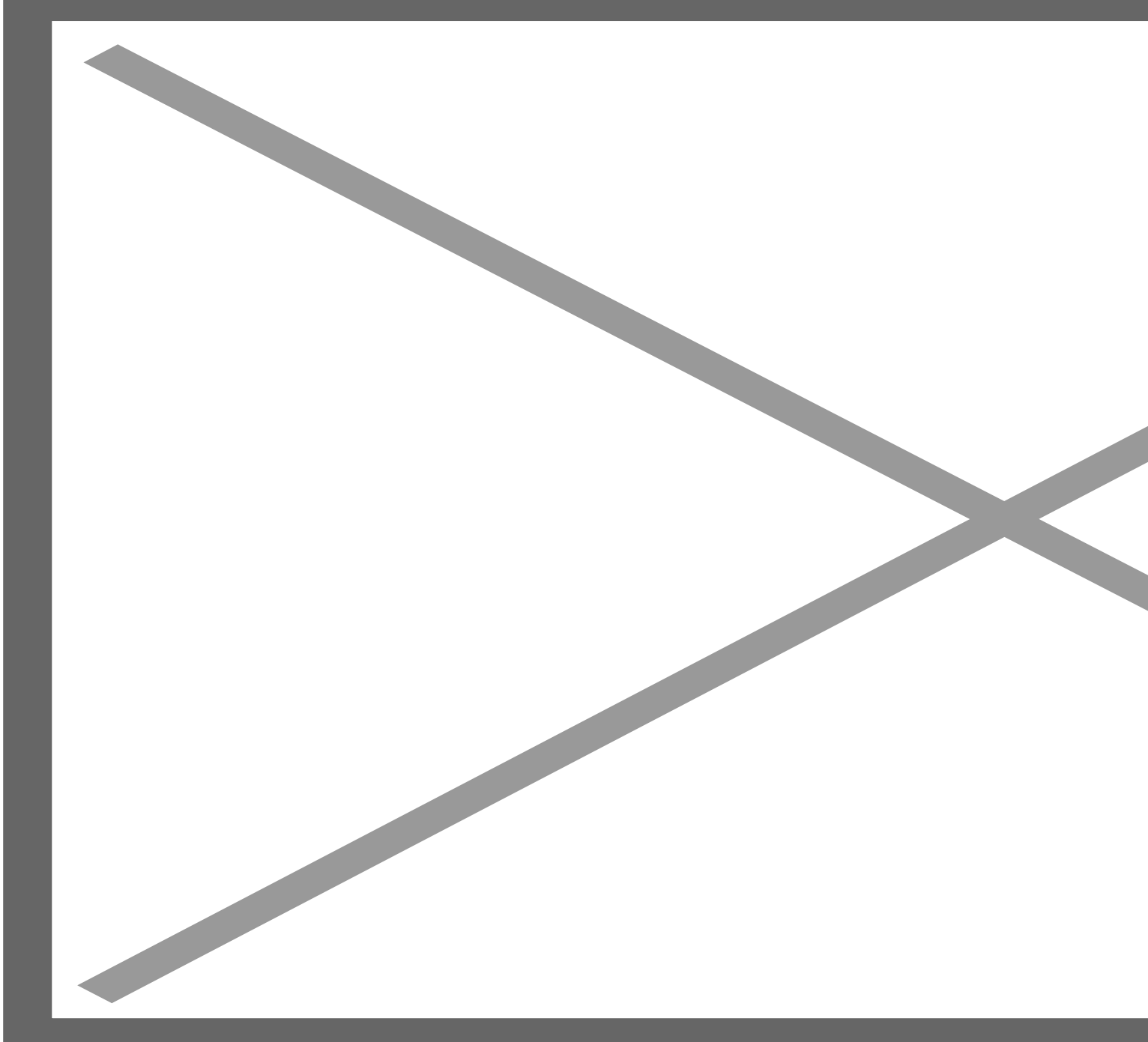
The Numbers

We didn't get a chance to run numbers on the 48 LS, but Mercury did. The boat has an LOA of 48'4" (14.73 m) with a 14'2" (4.32 m). She has a dry weight of 25,500 lbs. (11,340 kg) and carries 660 gallons of gasoline (2,498 liters), 30 gallons (114 liters) of diesel and 100 gallons (378 liters) of freshwater.

As tested, Mercury had a weight of 32,200 lbs. (14,605.74 kg) and the engines were equipped with 31" (78.74 cm) counter-rotating propellers on the outside engines and 27.5" (69.85 cm) on the center Verado

V12. The engine company's test team reached a top speed of 60.1 mph at 6402 rpm. Best cruise came at 4000 rpm, where the boat ran 34.6 mph and consumed 58 gph, which translated into .6 mpg and a range of 394 statute miles with 10 percent of the boat's fuel capacity held in reserve.

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The 48 LS tops 60 mph with the triple 600-hp engines and we couldn't even feel the two-speed transmissions shift.

Retail price of the Tiara Yachts 48 LS with triple 600-hp Mercury V12 Verado outboards is \$1,322,900.