

Regal 42 FXO (2021-)

Brief Summary

The Regal 42 FXO is an outboard-powered flying bridge motoryacht. The outboards enhance her utility by opening up the cockpit and adding immense storage in the lazarette. Belowdecks, she has two staterooms that could be considered masters and an optional day head is available.

Price

Base Price

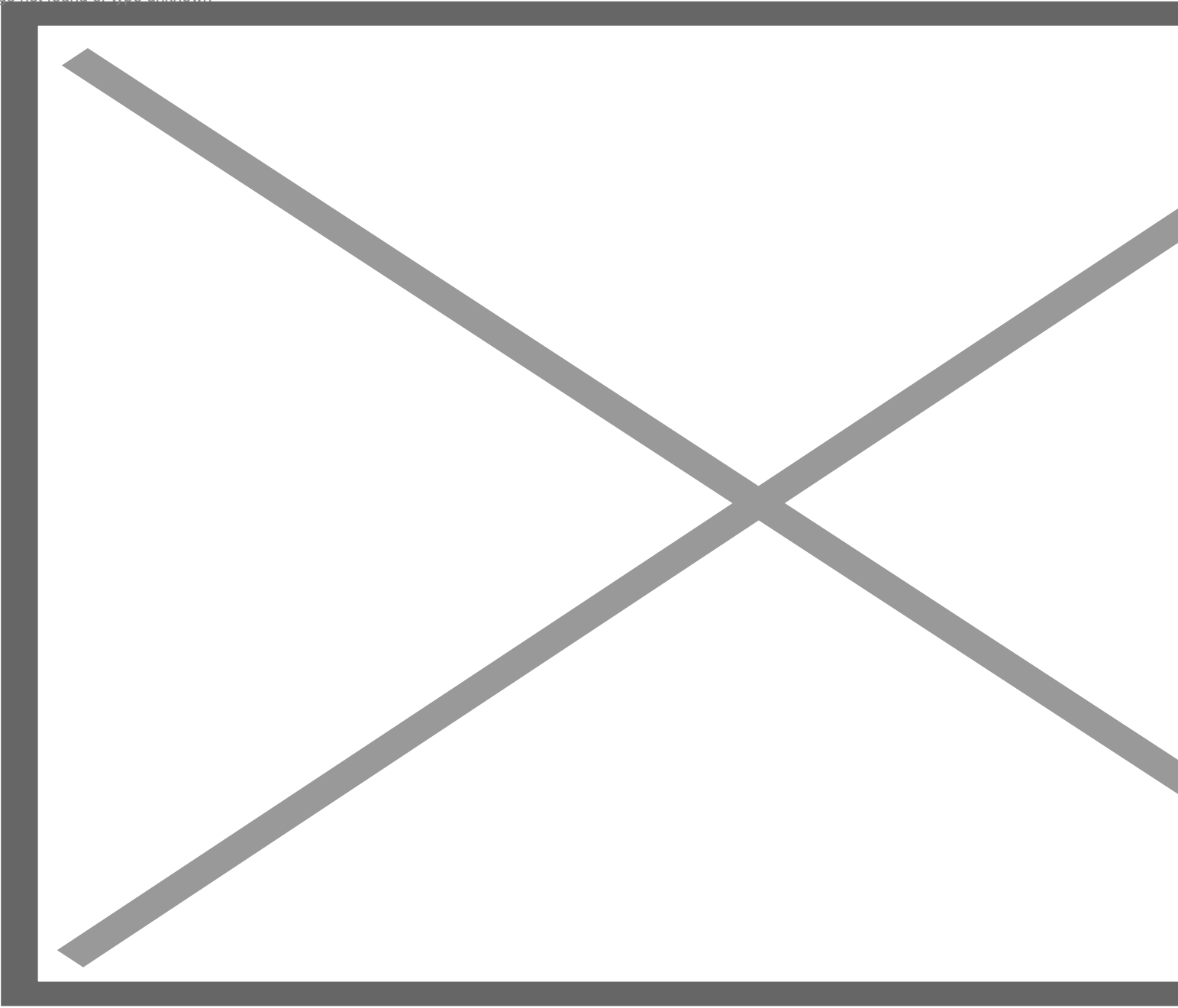
Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	3.7	3.2	3.4	1.1	0.9	409	356	52
1000	5.6	4.8	5.9	0.9	0.8	354	307.7	53
1500	7.4	6.4	8.3	0.9	0.8	335	291.4	54
2000	9.9	8.6	12.7	0.8	0.7	294	256	57
2500	11.3	9.8	19	0.6	0.5	223	193.7	63
3000	13.1	11.3	28.3	0.5	0.4	173	150.8	70
3500	19.8	17.2	36.5	0.5	0.5	204	177.7	71
4000	25.5	22.1	50.9	0.5	0.4	188	163.6	73
4500	34.2	29.7	60.7	0.6	0.5	212	184.2	74
5000	40.6	35.3	73.9	0.5	0.5	207	179.7	76

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
5500	46.4	40.3	101	0.5	0.4	173	150.3	78
5850	49.3	42.8	117.5	0.4	0.4	158	137.1	79

[View the test results in metric units](#)

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Specifications

Length Overall	44' 13.41 m
BEAM	13' 3.96 m
Dry Weight	26,650 lbs. 12,088.24 kg
Tested Weight	29,807 lbs. 13,520.23 kg
Draft	
Draft Up	31" 78.74 cm
Draft Down	49.5" 125.73 cm
Air Draft	
Deadrise/Transom	
Max Headroom	
Bridge Clearance	17'5" 5.3 m
Weight Capacity	
Person Capacity	
Fuel Capacity	418 gallons 1,582.3 L
Water Capacity	62 gallons 234.7 L
Length on Trailer	

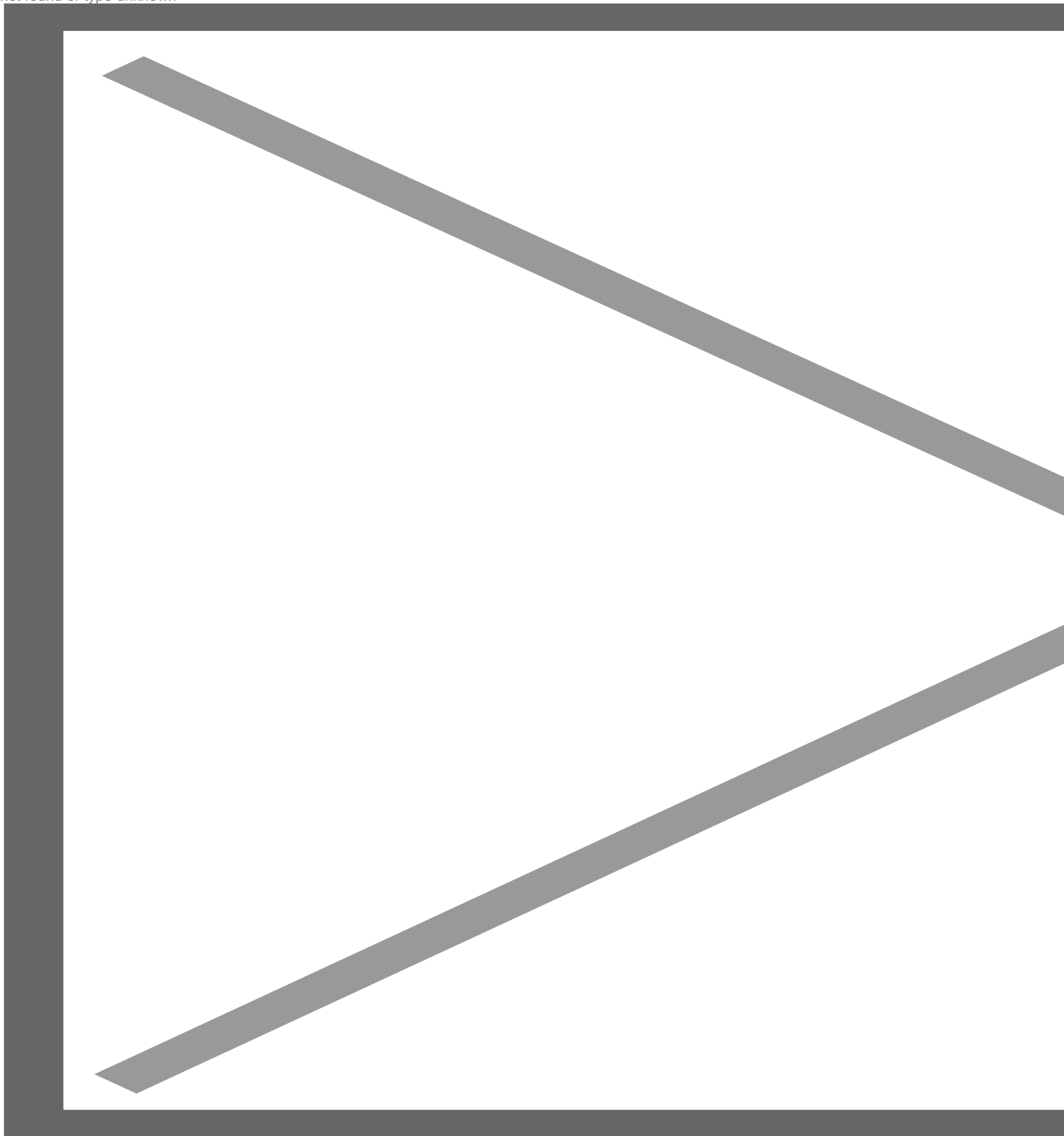
Height on Trailer	
Trailer Weight	
Total Weight	29,807 lbs. 13,520.23 kg
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	
Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

Acceleration Times & Conditions

Time to Plane	5.5 seconds
0 to 20	

Ratio	
Props	18p
Load	4 persons; 318 gallons fuel; 57 gallons water; 50 lbs. gear
Climate	86 deg.; 70 humid.; winds: 0-5; seas: 0

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The Regal 42 FXO measures 44' (13.41 m) long overall with a 13' (3.96 m) beam and she's powered by triple 425-hp Yamaha XTO Offshore outboards.

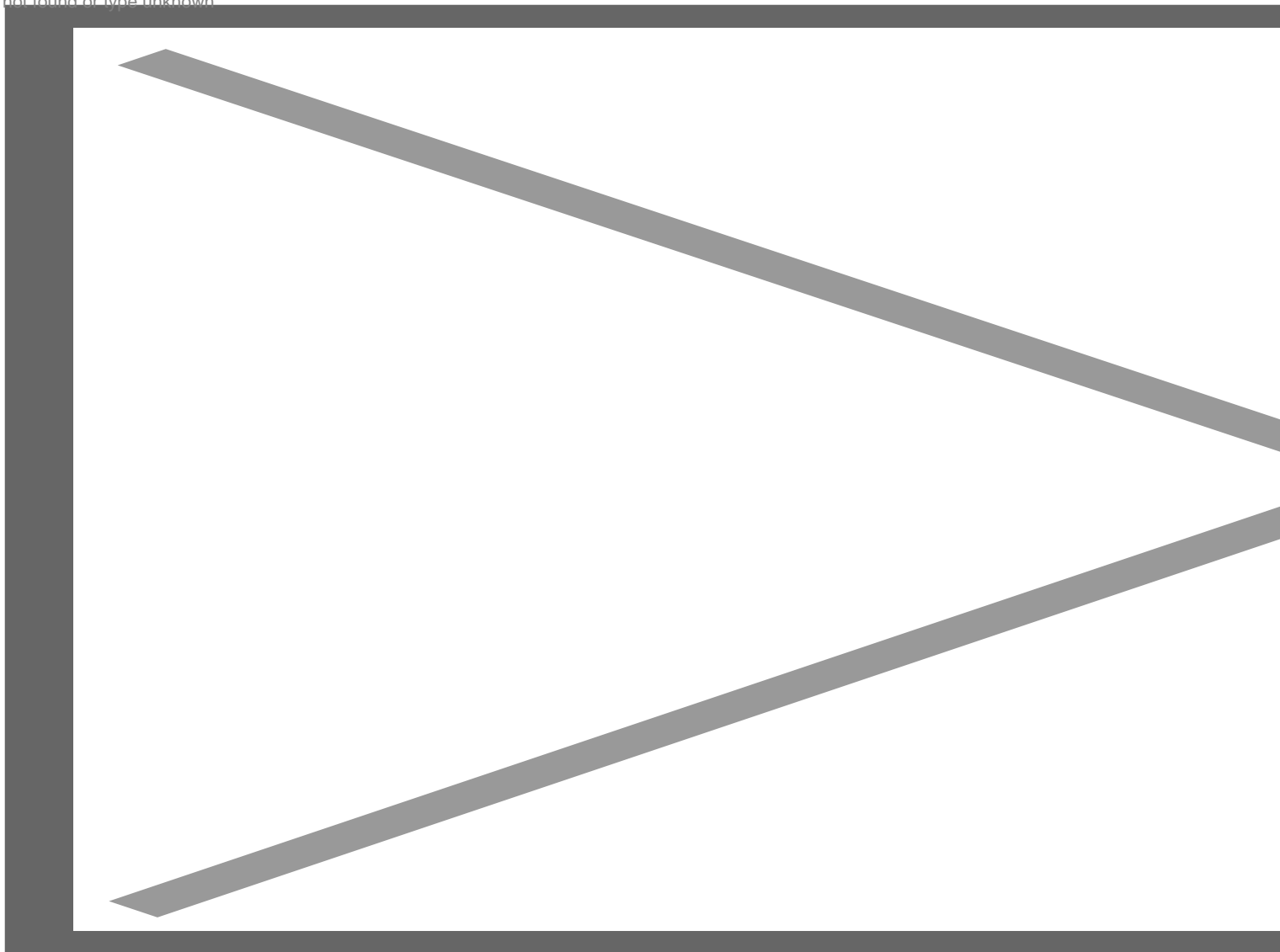
Captain's Report by Eric Colby

Mission Statement

Regal Marine designed the 42 FXO for triple outboards to make her a more versatile boat for families who want to hang out at the sandbar or cruise the local waterways. She has a large flying bridge and cockpit, which blends seamlessly with the salon thanks to clever door design. Her accommodations deck has attributes found in larger yachts including an atrium and a refreshment center.

Regal 42 FXO Major Features

- Triple 425-hp Yamaha XTO Offshore outboards
- Three-position boarding heights
- Large flying bridge
- Bow sunpad w/convertible backrests
- Optional cabana for the bow
- Free Seakeeper



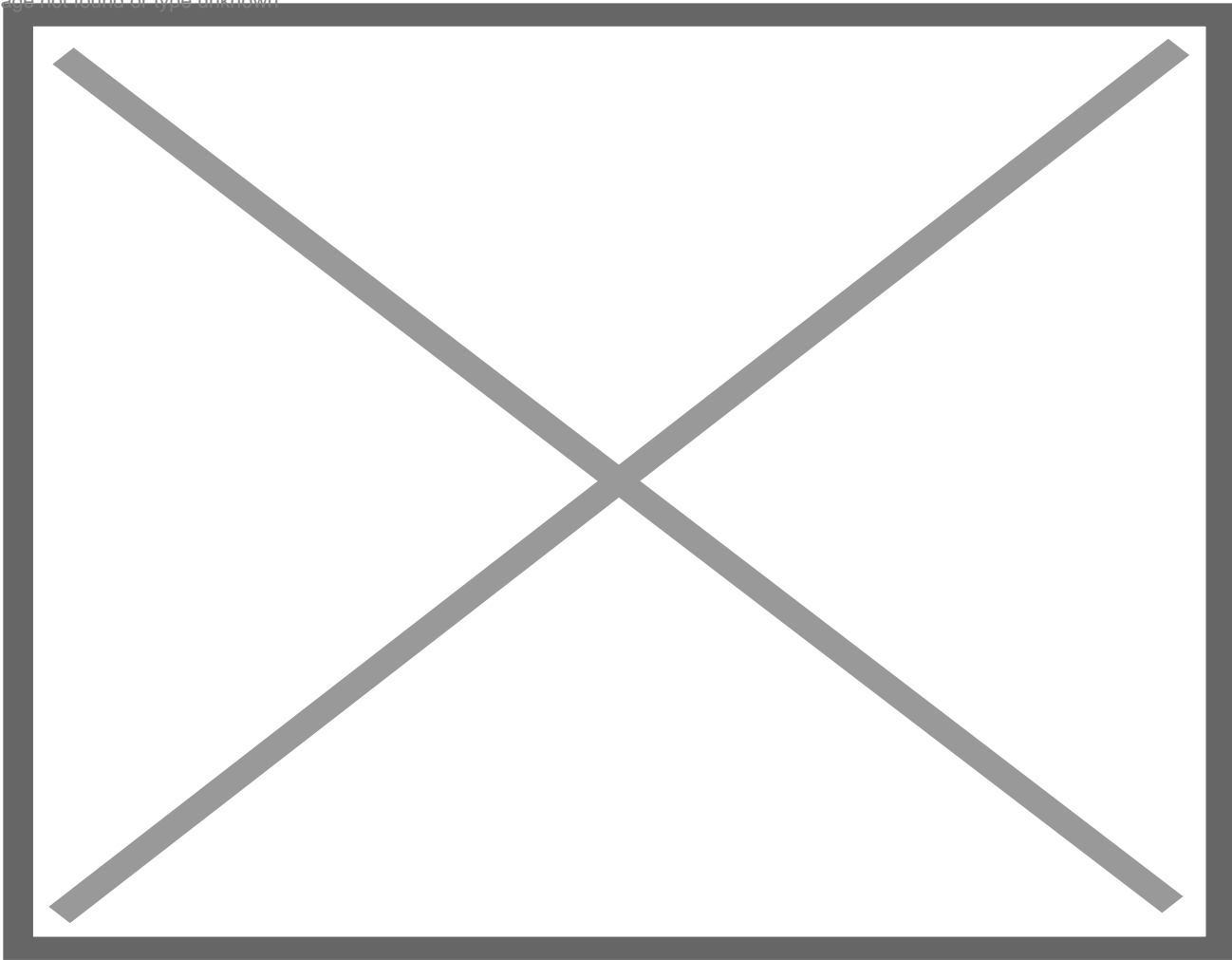
Sun worshippers will appreciate the open-air lounge space on the 42 FXO's flying bridge and bow.

Regal 42 FXO Performance

The Numbers. The 42 FXO has an LOA of 44' (13.41 m), a beam of 13' (3.96 m) and a hull draft of 31" (78.74 cm). With an empty weight of 26,650 lbs. (7,257 kg), 317.68 gallons (1,202.55 L) of fuel, 57.66 gallons (218.27 L) of freshwater, 4 people and test gear onboard, we had an estimated test weight of 29,807 lbs. (8,488 kg). With triple 425-hp Yamaha engines turning 18" (45.72 cm) pitch props and run up to 5850 rpm, our speed topped out at 49.3 mph. Dialing back to 4500 rpm and 34.2 mph, we measured a best cruise with a 60.7 gph fuel burn that translated into .6 mpg and a range of 212 statute miles with 10 percent of the boat's 418-gallon (1,582.30-L) fuel capacity in reserve. At 600 rpm, we recorded 3.7 mph and 3.4 gph for a

rating of 1.1 mpg. At 1000, the 42 FXO ran 5.6 mph and turned 5.9 gph, which dropped the mpg to 0.9. In acceleration tests, the 42 FXO planed in 5.5 seconds, ran through 20 mph in 8.0 seconds and through 30 in 13.6 seconds.

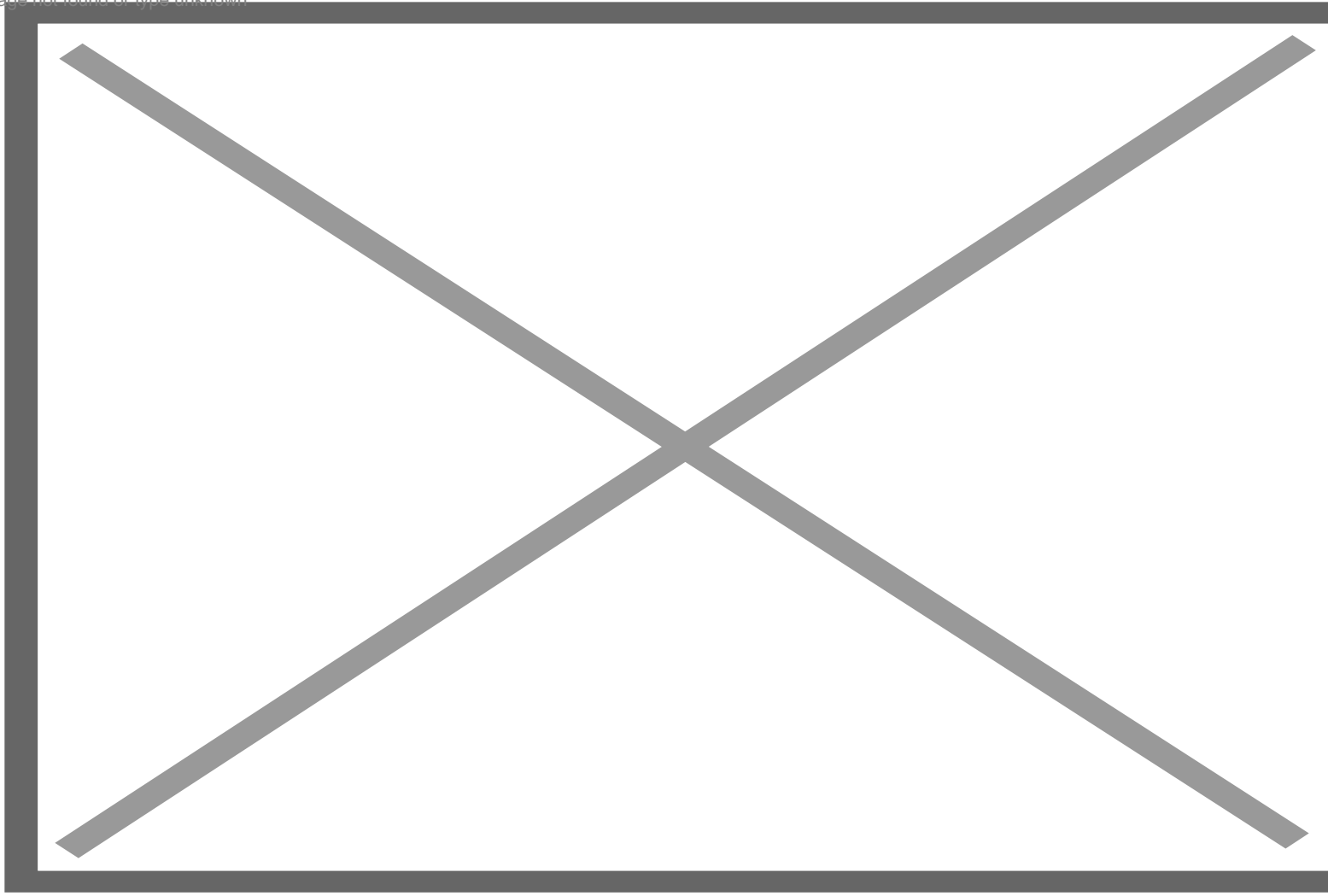
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Triple outboards on the stern of a flying bridge cruiser might look a little different, but it's becoming a popular trend.

Handling. In maneuvers, our test model had sportboat-like handling and good response to helm input. She likes a lot of trim so get her up on plane and bring the outboard trim to about half on the gauge. That puts her into an optimum running attitude. Around the docks, having the torque of triple XTO Offshores under the control of the Helm Master joystick and a bow thruster means a captain can put the 42 FXO wherever he or she wants.

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At idle speed, the 42 FXO gets more than an mpg, which extends her range dramatically.

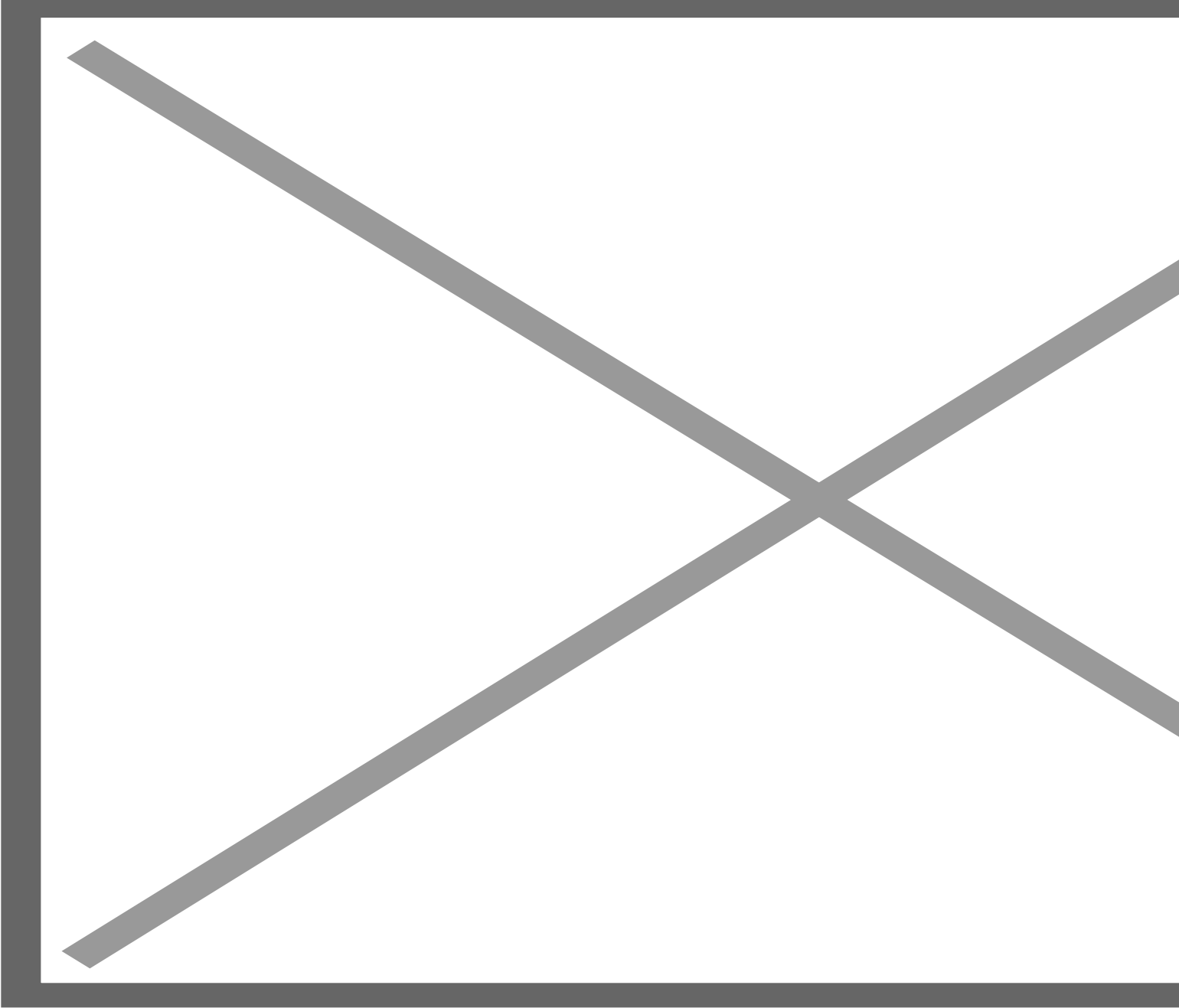
Regal 42 FXO Features Inspection

The Stern. The swim platform and outboard mounting bracket are built into the 42 FXO's bottom, creating a single strong structure. In addition to supporting the outboards, this creates more aft buoyancy, which results in less bow rise when coming on plane. Swim platforms that are 3' (.91 m) long extend aft past the engines on each side and the port side has a four-step reboarding ladder in a locker. For maintaining the engines, there's an 18" (45.72 cm) deep full-beam walkway between them and the transom.

To starboard, there's a 50-amp shorepower cord on an electric reel, plus the television antenna connection and a city-water inlet. There's a pull-out freshwater shower just above. Further up on the stern are fills for gas and diesel because our test boat had the optional diesel generator. A hatch opens a large trunk locker. Push a button in the cockpit and the entire aft seat structure lifts on a power lift to provide access to the

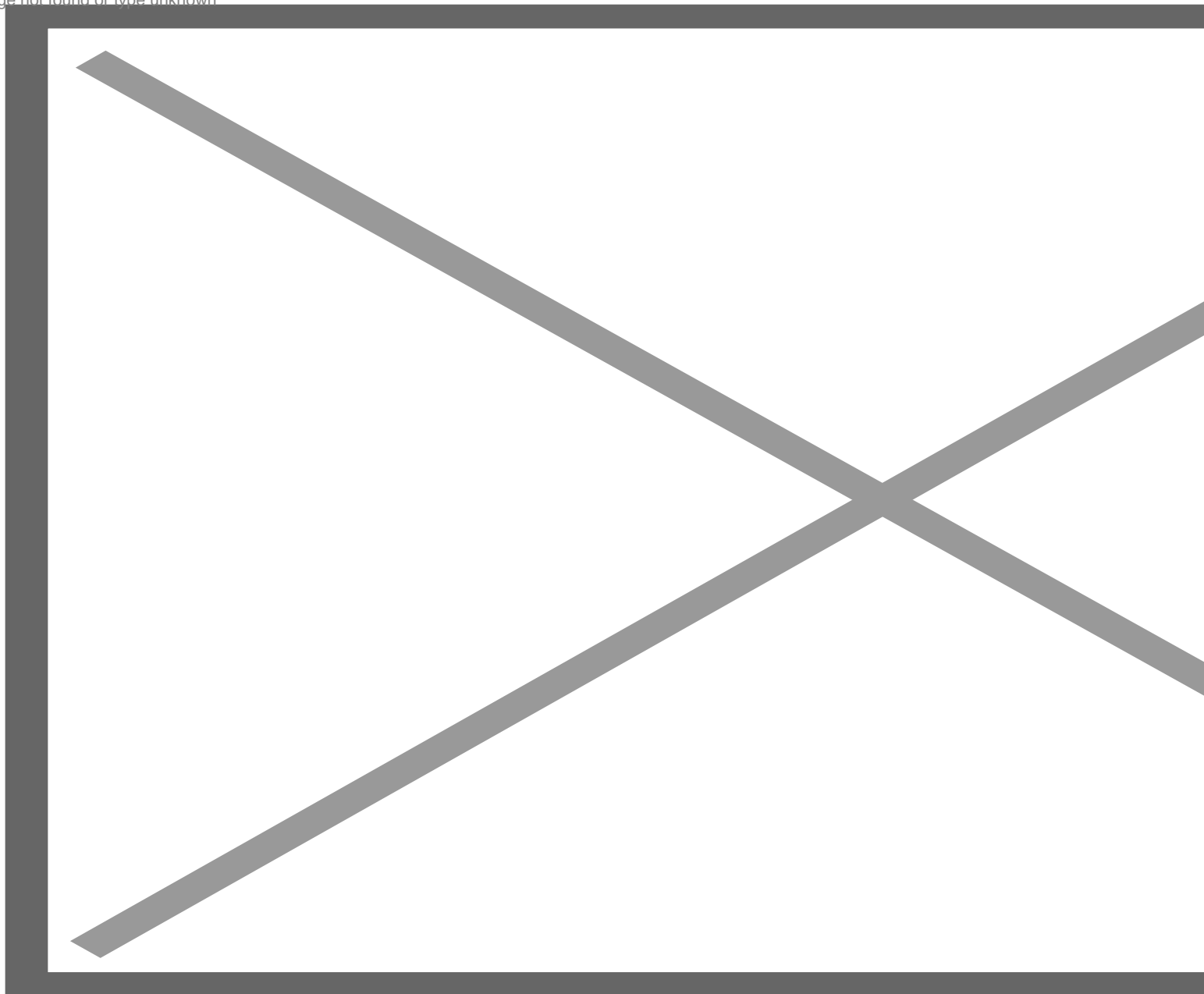
lazarette. Inside, the area has 42" (106.68 cm) of overhead clearance plus plenty of dedicated shelving, drawers, and overall space. There's a day hatch and ladder for access from the cockpit. To port, the fuel-water separators with individual gas shutoffs are in reach and we could get to the batteries and generator.

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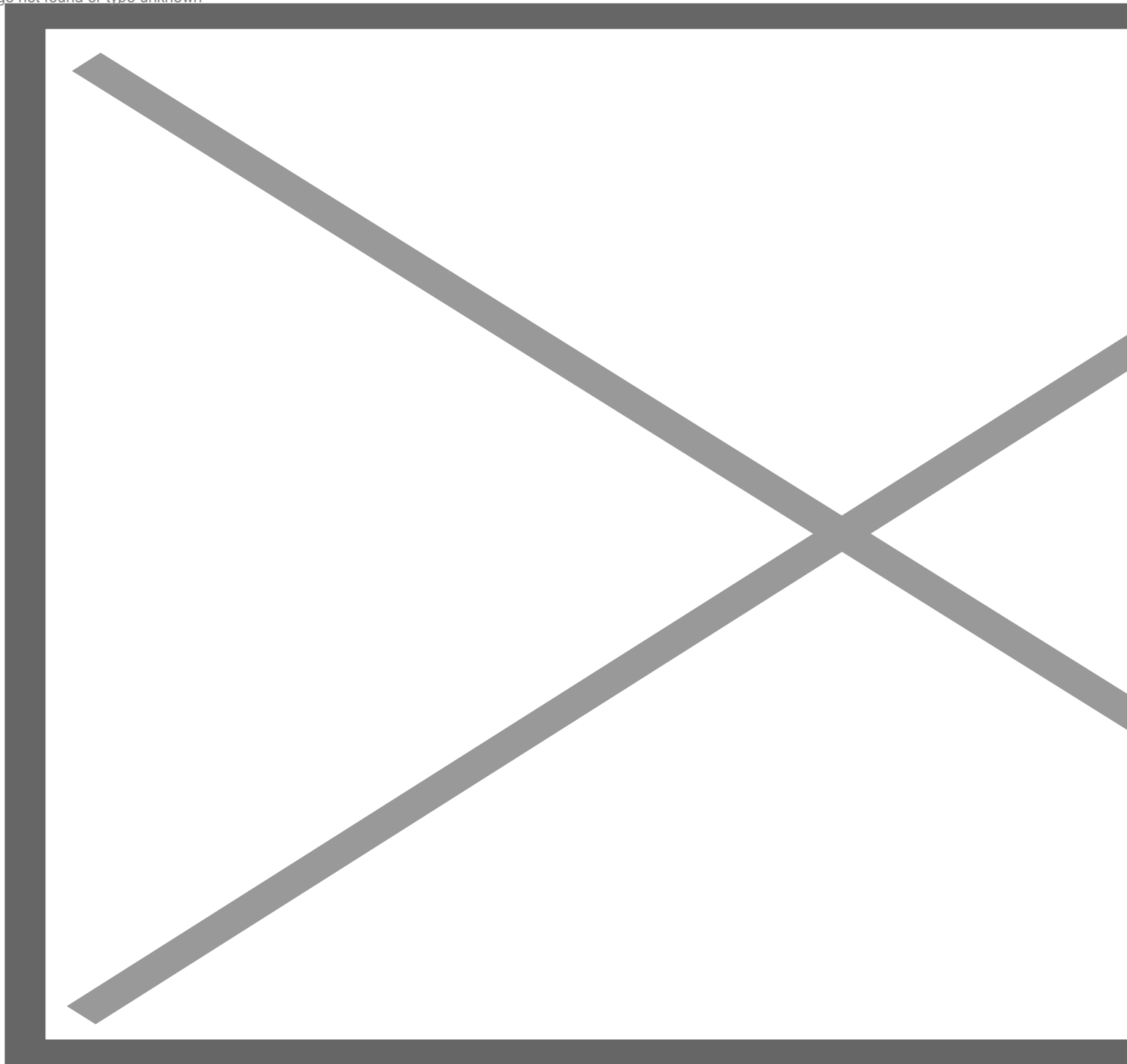
The swim platform wraps around the motors on each side and has plenty of space to pass between the motors and the transom.

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The boarding ladder is positioned on the port side of the swim platform instead of the aft end. This is smart because it keeps swimmers away from the propellers.

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The lazarette occupies the space where inboard engines would have been, and there's good access to equipment plus abundant storage.

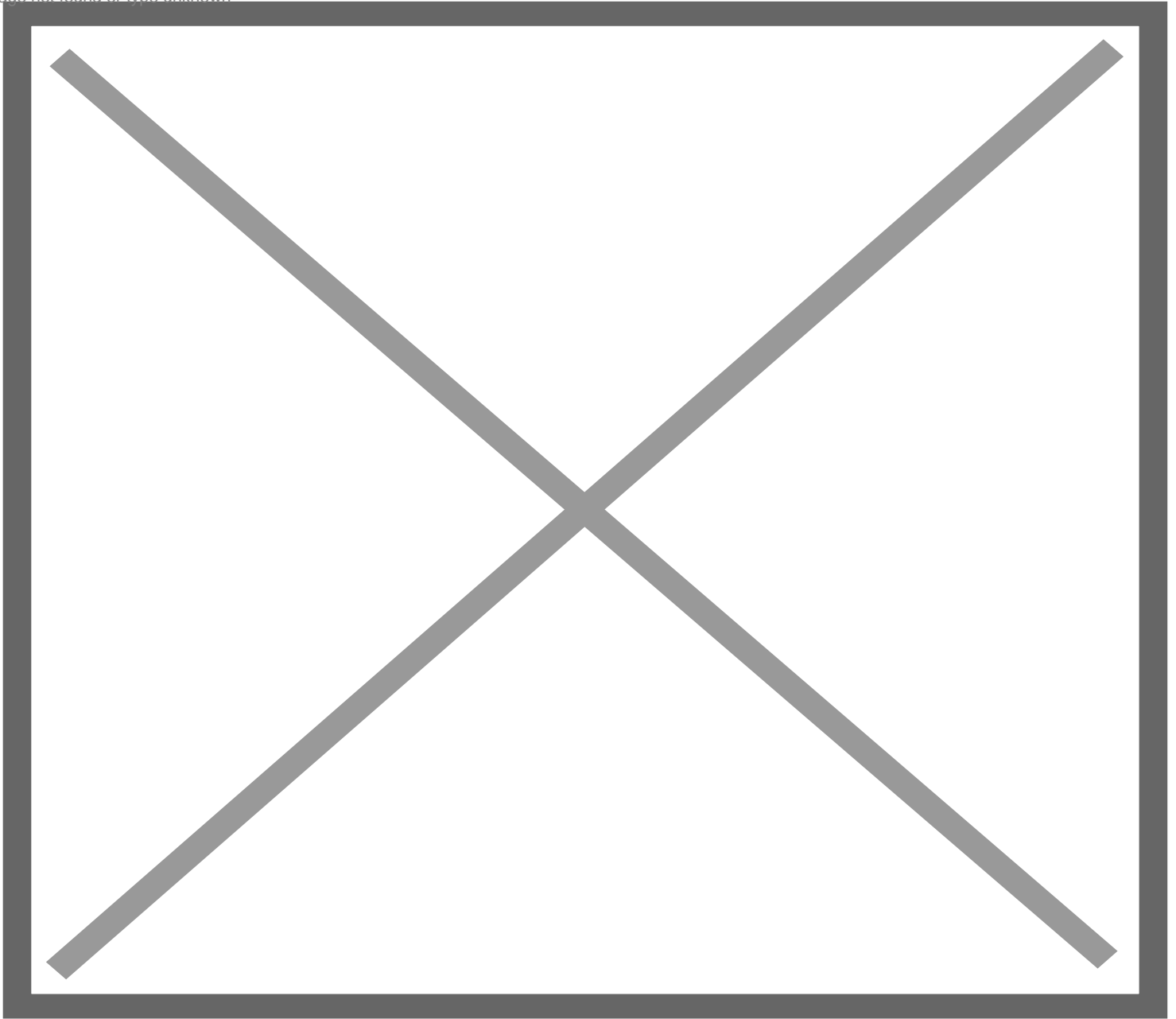


There's a large locker on the stern that would be good for large items like fenders.

Side Decks. Regal designed the 42 FXO with boarding steps at three different heights outboard of the cockpit on each side so passengers can step aboard from a water-level floating dock at the lowest level. If the tide is dropping and the boat is sitting a little lower, use the middle step, and when it's dead low use the top one. Regardless of which one a crewmember uses, it's an easy transition to the symmetrical side decks that start aft at 16" (40.64 cm) wide with 21" (53.34 cm) tall rails outboard. There are also rails on the cabin house. Alongside the windshield, the deck level inclines up slightly and widens to 18" (45.72 cm) with the

rails now 24" (60.96 cm) off the deck.

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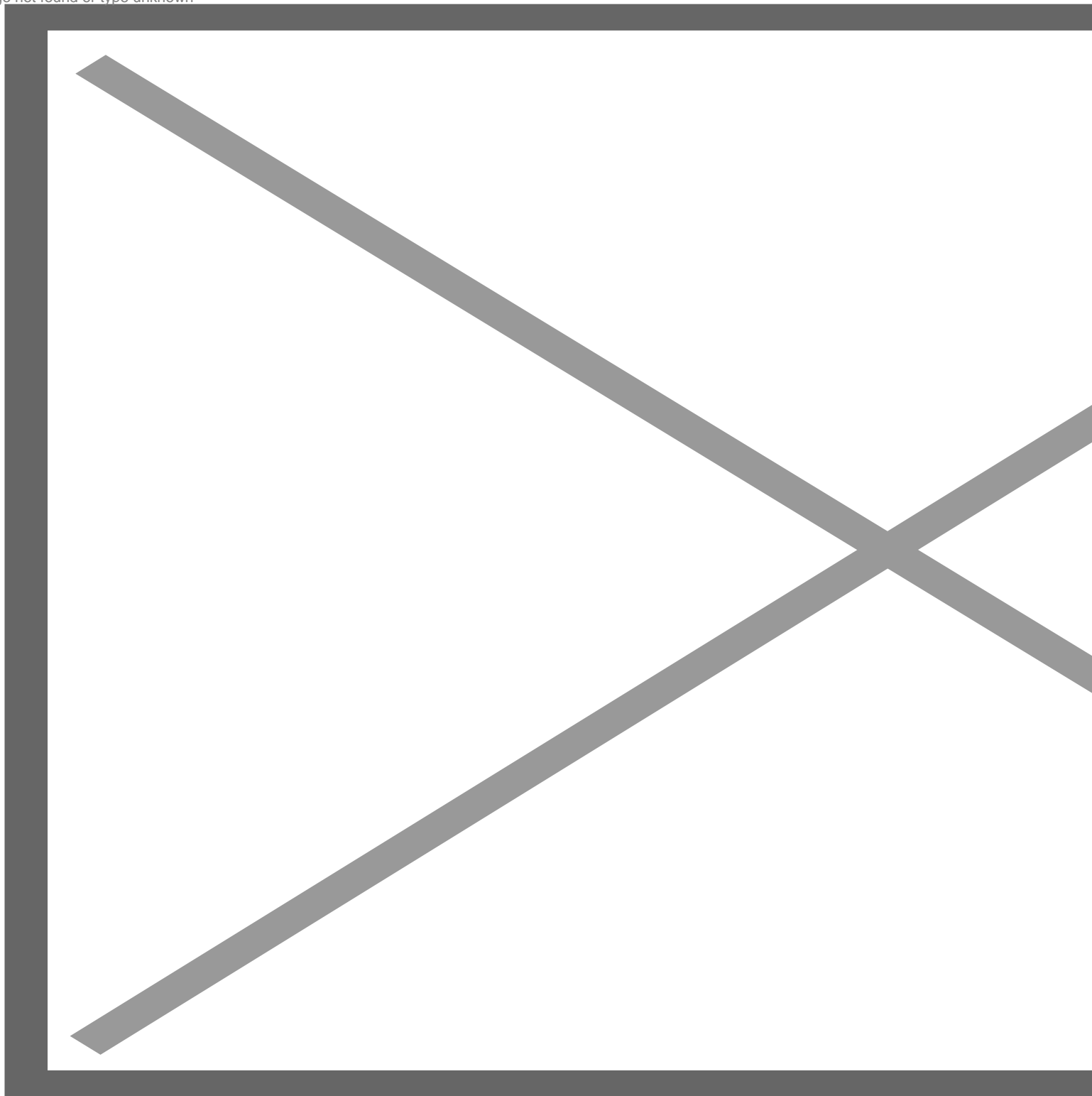


Rails on the cabin house are at a comfortable height and the side decks are wide enough that we could make the trip to the bow facing forward.

The Bow. On the foredeck, the 42 FXO has a sunpad that's 81" (205.74 cm) long and 63" (160.02 cm) wide. Backrests in the forward section can be set in three different positions while the aft ones can be raised in two positions. There are beverage holders alongside, and instead of a fixed remote control for the stereo,

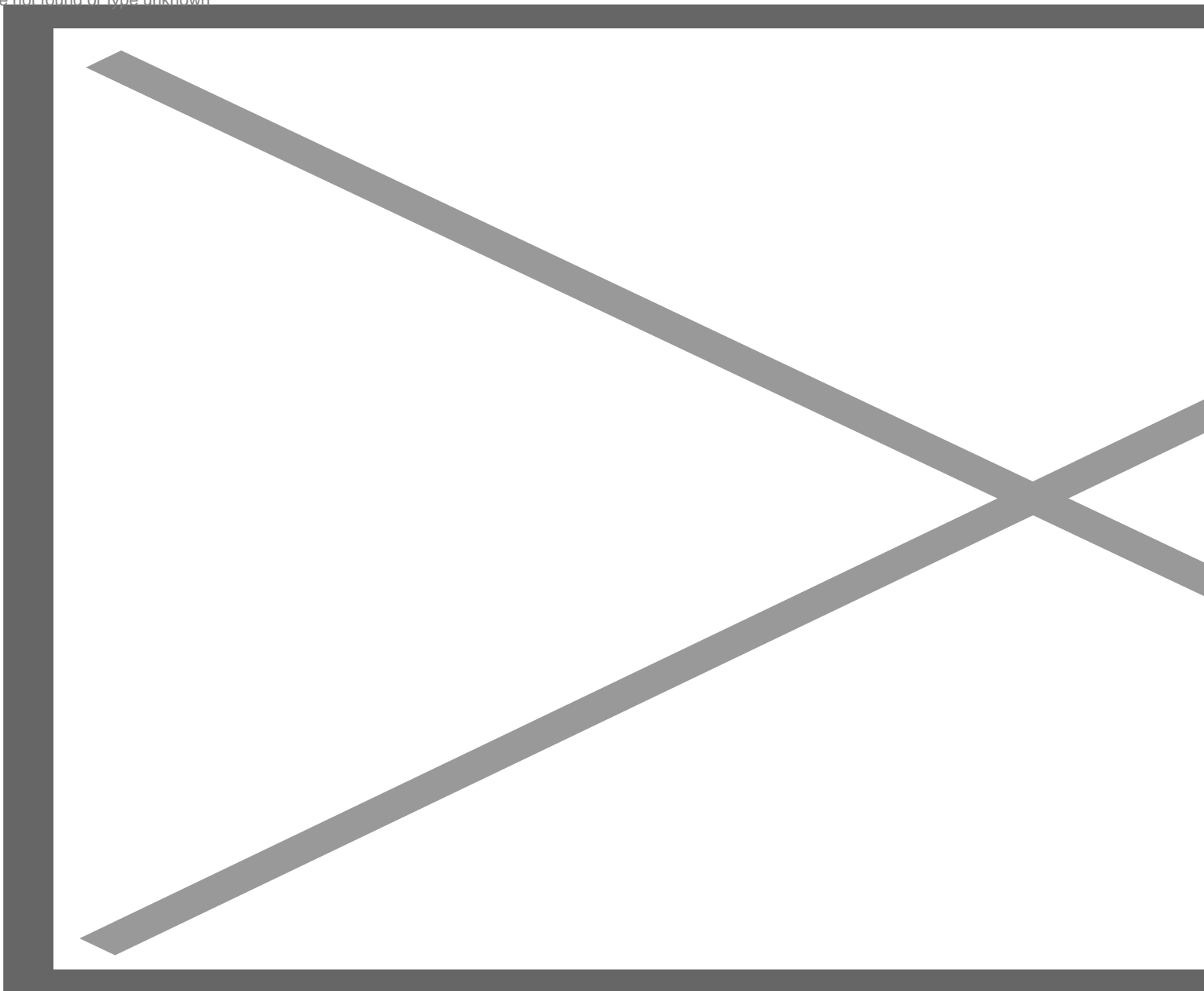
Regal provides two Bluetooth units that can be used anywhere on the boat. Our test model had the optional cabana sunshade for the area. Forward, the windlass is beneath a centrally-positioned hatch in the deck and the anchor passes through the stem. There's a 10" (25.4 cm) cleat for securing the rode and a hatch to starboard has a battery switch for the windlass, plus an emergency handle and a washdown. To port is a locker that has line hangers and space for fenders.

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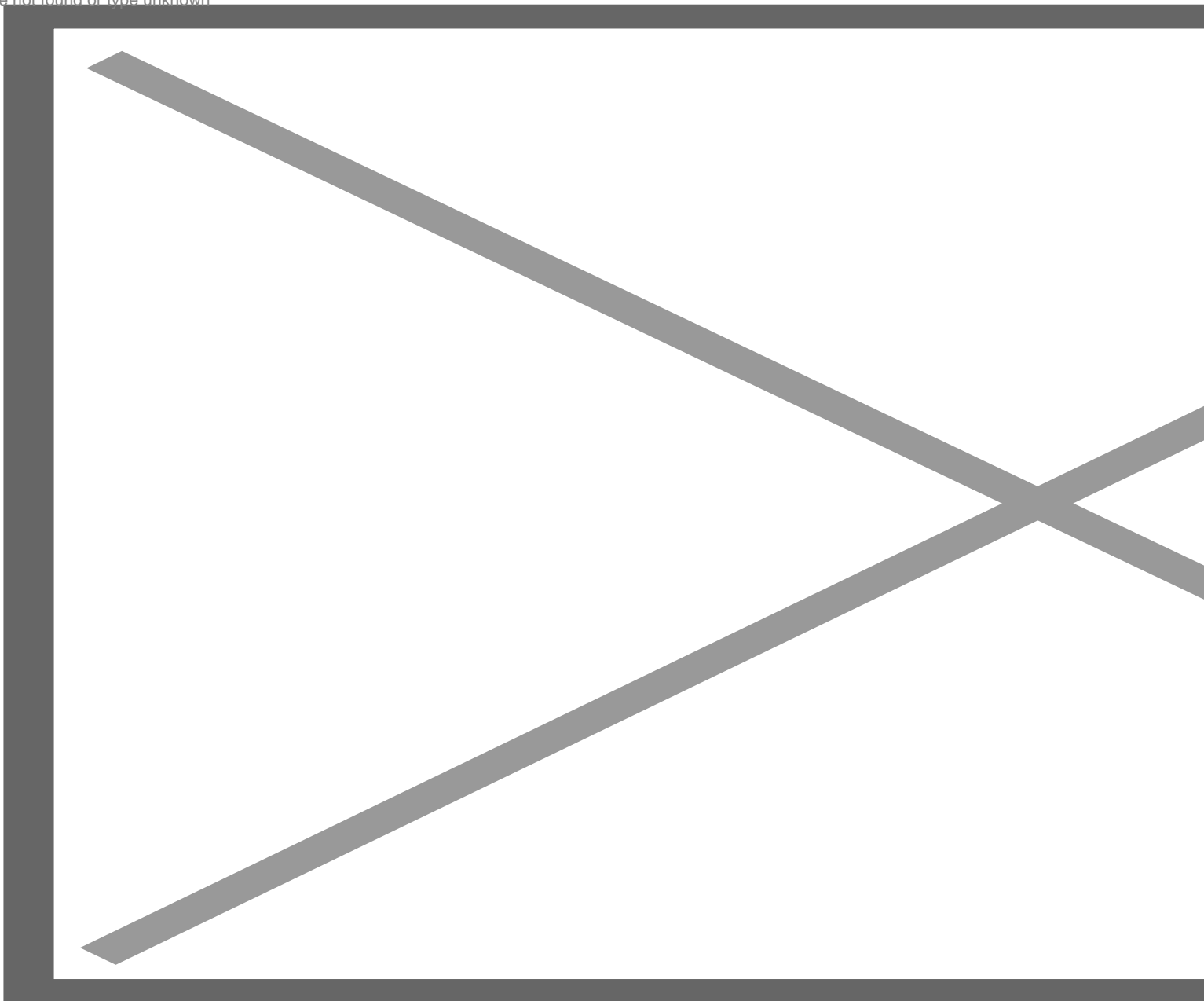
Here we see all the cushions for the forward sunpad in the down position.

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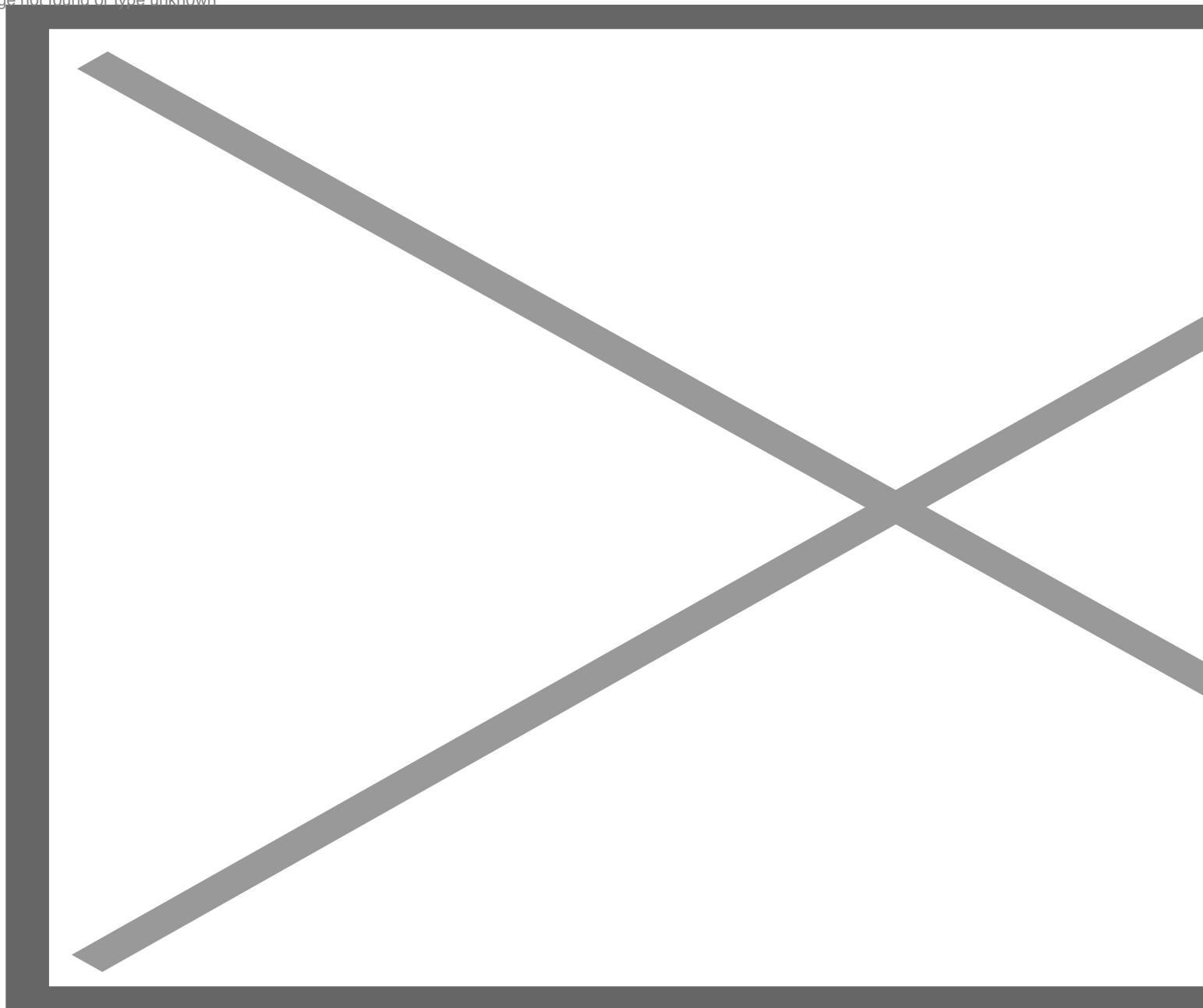
The optional cabana shade provides protection from the sun on a hot day, and notice the raised backrest on the lounge.

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The Lewmar windlass is beneath the center of three hatches in the deck.

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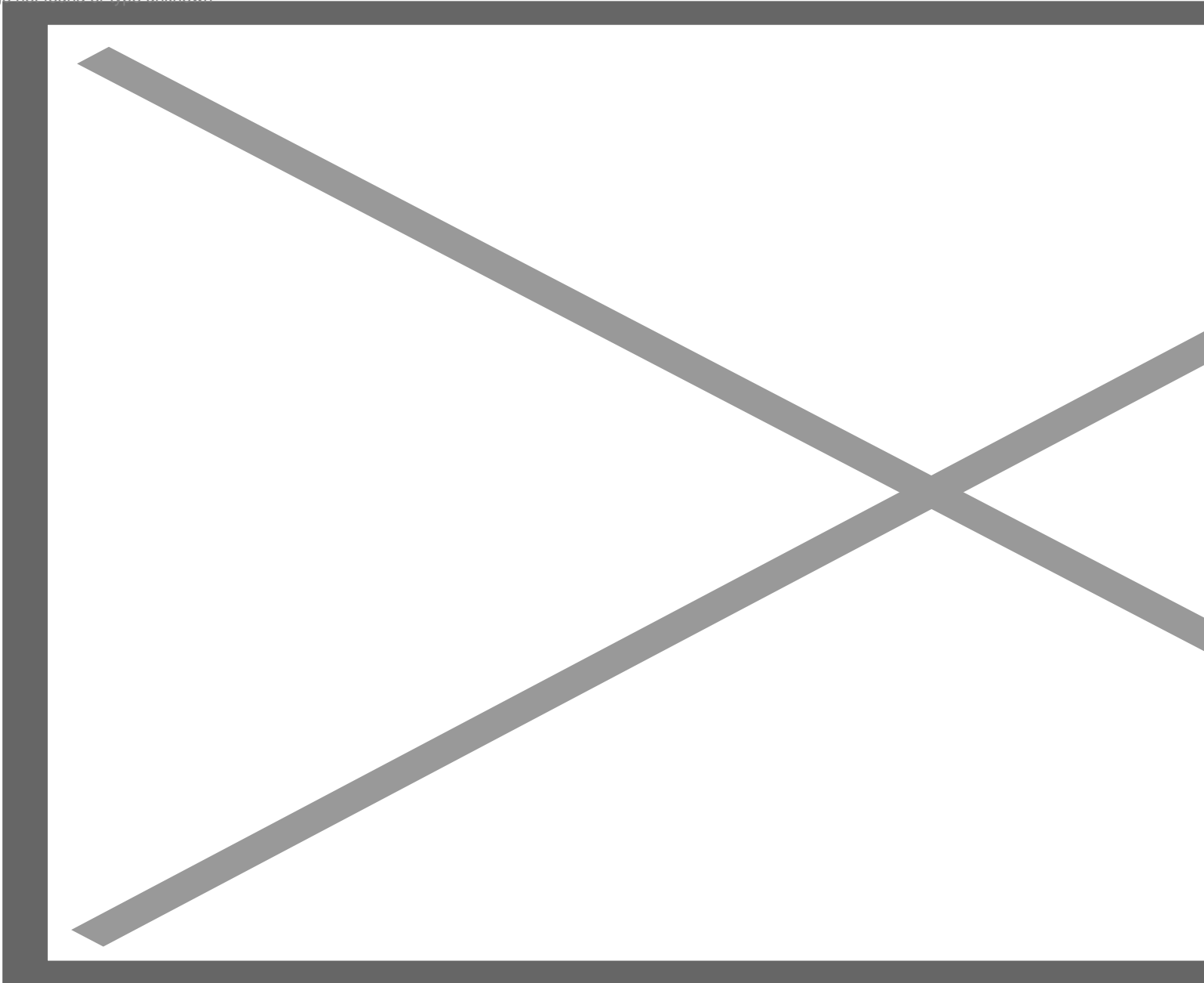


We would like to see the hatches for the windlass and rode locker open on gas struts that would keep them from hitting the rails.

The Flying Bridge. Moving back down the side decks, on the port side of the cockpit, there are open plan stairs with courtesy lights on each tread plus tall side rails. Immediately to the right at the top of the stairs is a lounge that wraps around to starboard. A table can be inserted and there's storage in the base. Forward to starboard is a Corian countertop with an optional refrigerator in the base. At the helm are two forward-facing seats. The port side seat is multi-position, plus it can lay flat to create a sunpad. Forward, alongside the

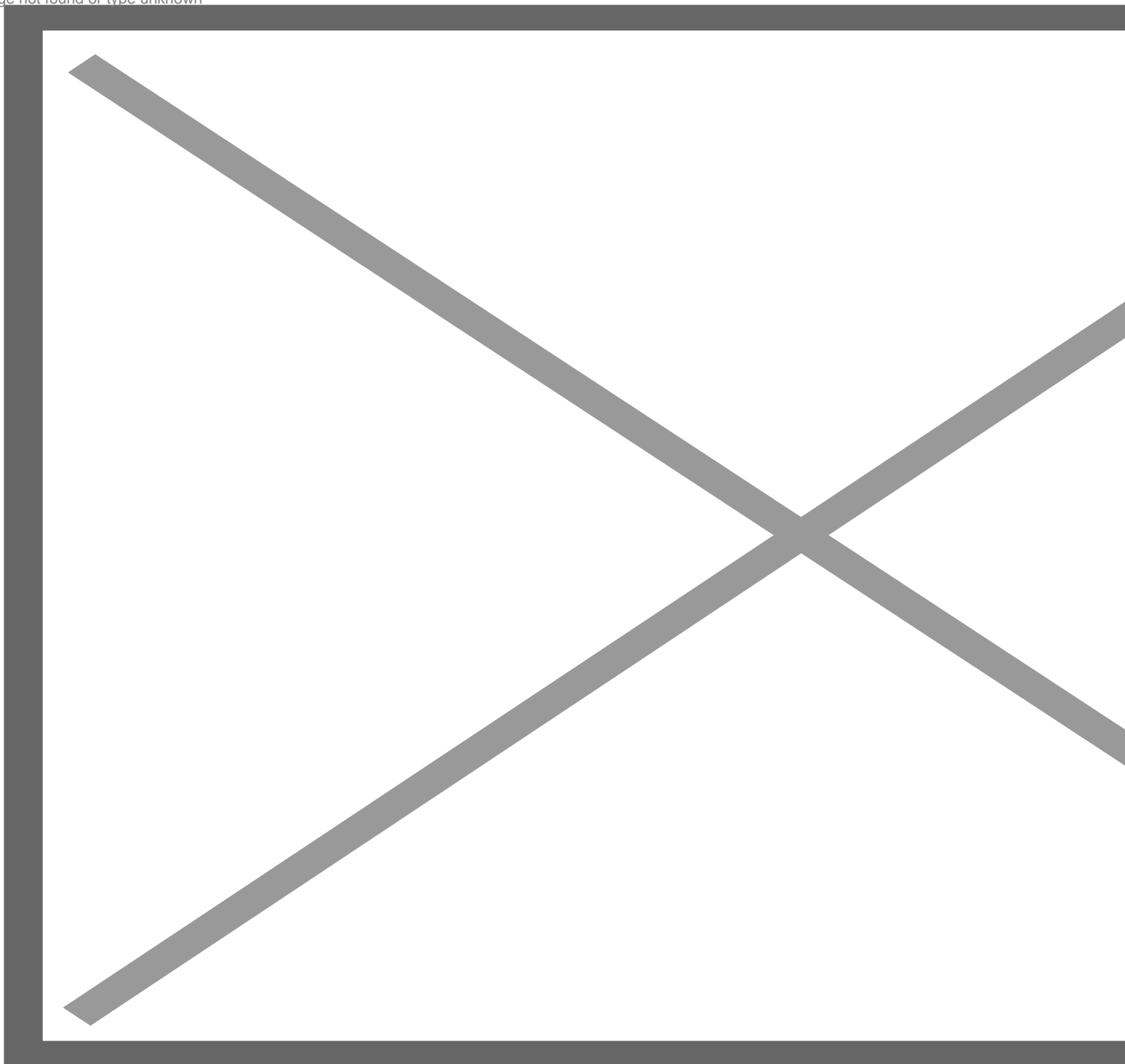
helm, is a small, flat sunpad. The flying bridge can be protected by a collapsible Bimini top.

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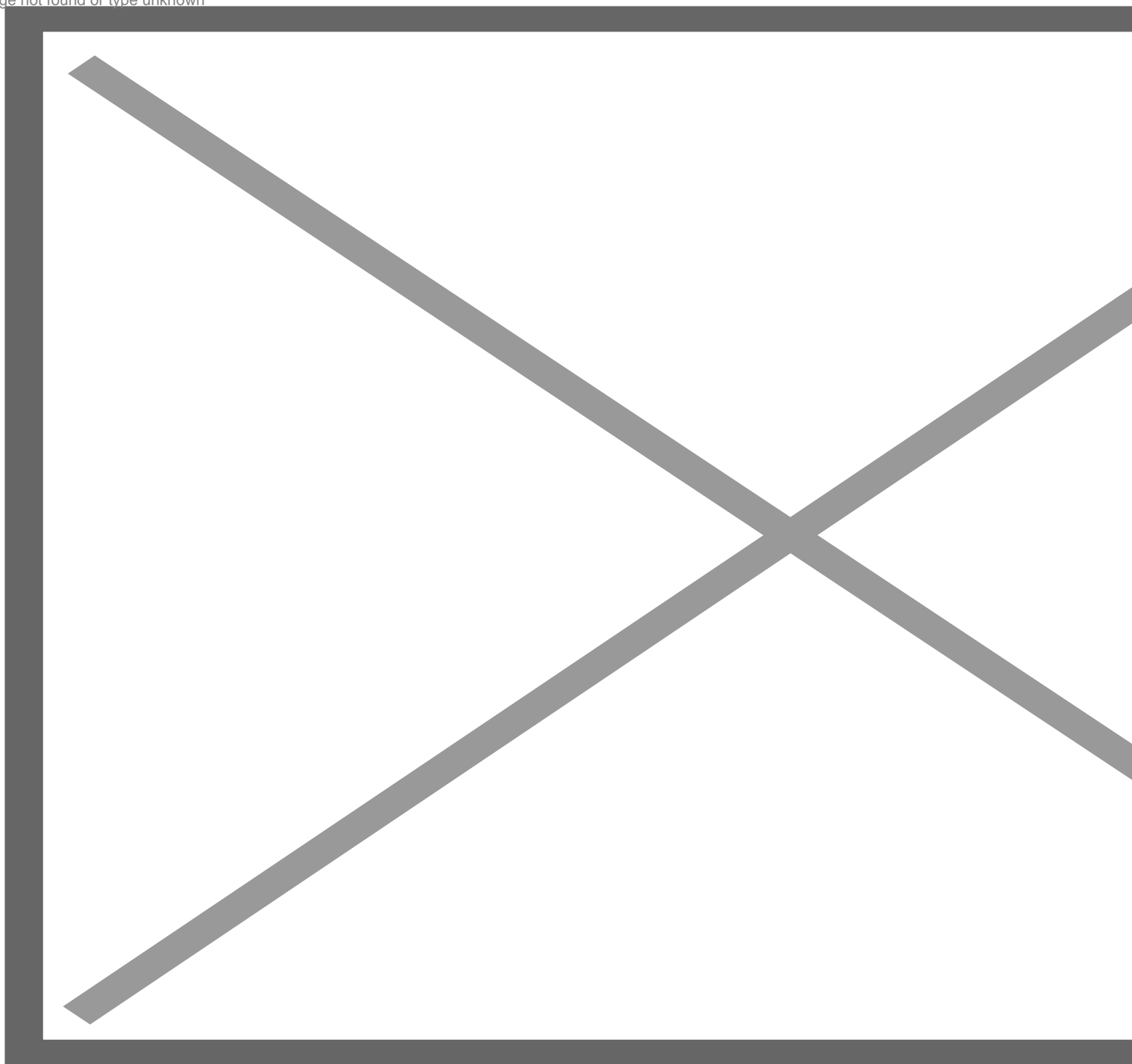
Regal makes the flying bridge stairs in-house, and notice the details like LED courtesy lights and inset nonskid strips for each tread.

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The 42 FXO's flying bridge has space for family and friends to enjoy the great outdoors.

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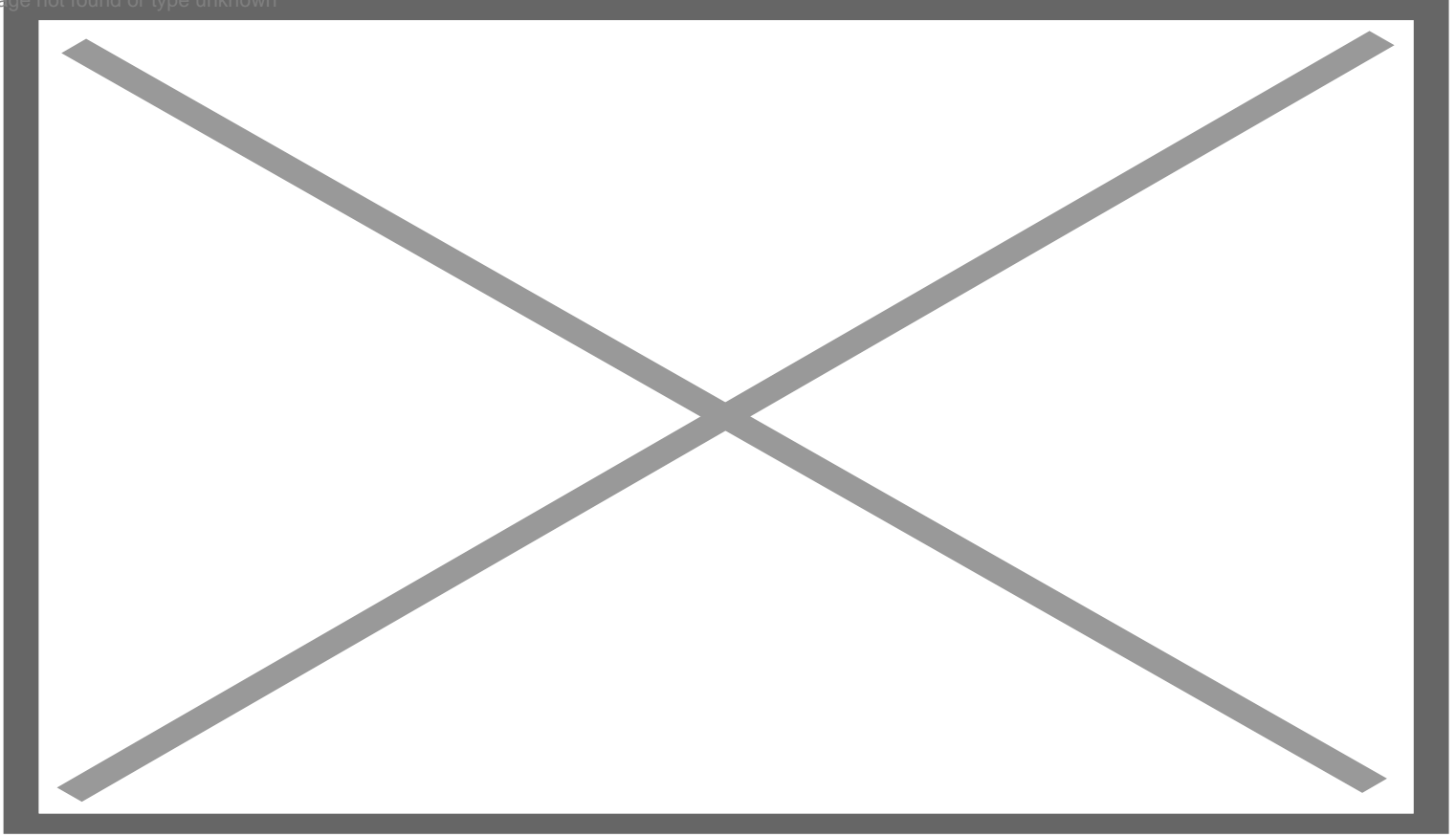
The backrest for the aft flying bridge lounge is at a comfortable height that provides security, and notice the grabrail in reach on the inboard side.

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The Corian countertop on top of the optional refrigerator adds a touch of class we've come to expect from Regal.

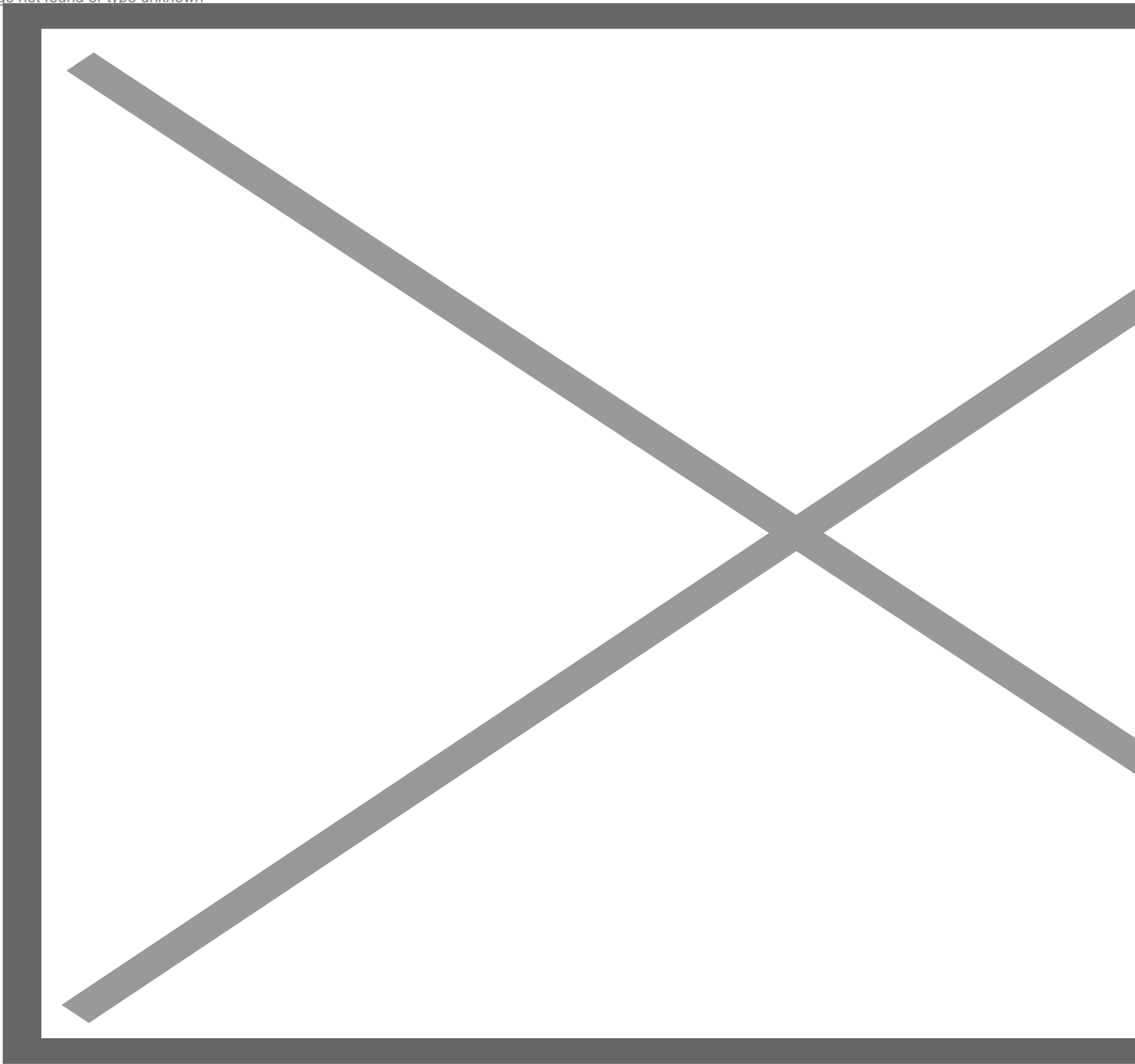
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The flying bridge Bimini top provides shade for the entire area.

Flying Bridge Helm. The upper helm has a glass-dash configuration with optional twin 16" (40.64 cm) Garmin multifunction displays. A single 22" (55.88 cm) unit is standard. The entire panel can be backlit for nighttime use. Accessory switches are to the left of the tilt steering wheel with the Yamaha ignition switches just below, and outboard of these is the VHF radio. Immediately to the right of the wheel are connectivity ports with a storage tray just ahead. To the right are the digital controls with the trim tab panel aft. Aft the tabs is the thruster stick, and aft of this is the Yamaha Helm Master joystick.

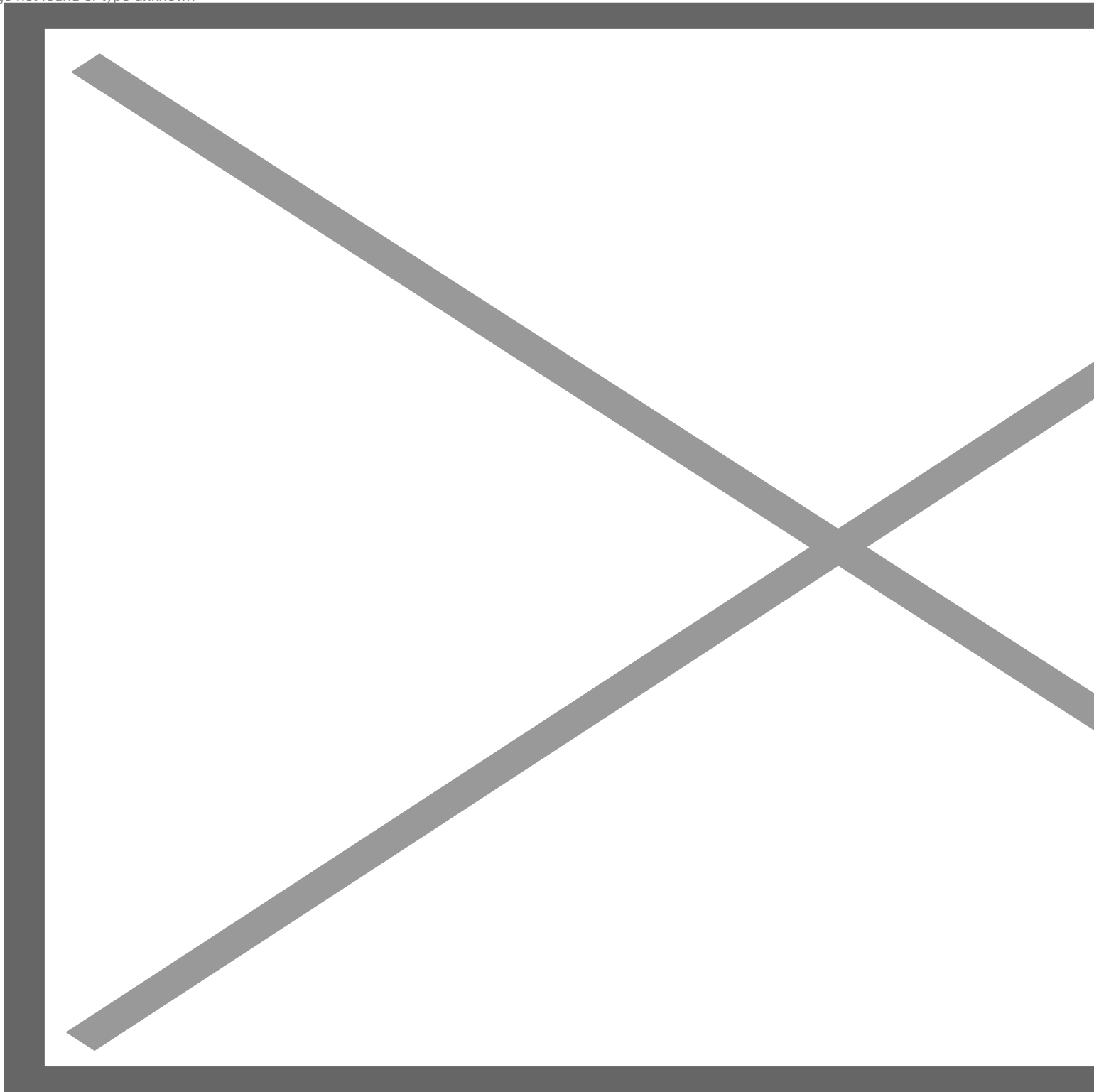
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Overall, the 42 FXO's upper helm was comfortable and well laid out. One change we would make is moving the trim tab buttons (red arrow) from behind the digital controls to ahead of them. It would make it easier for the driver to adjust the tabs with his/her throttling hand.

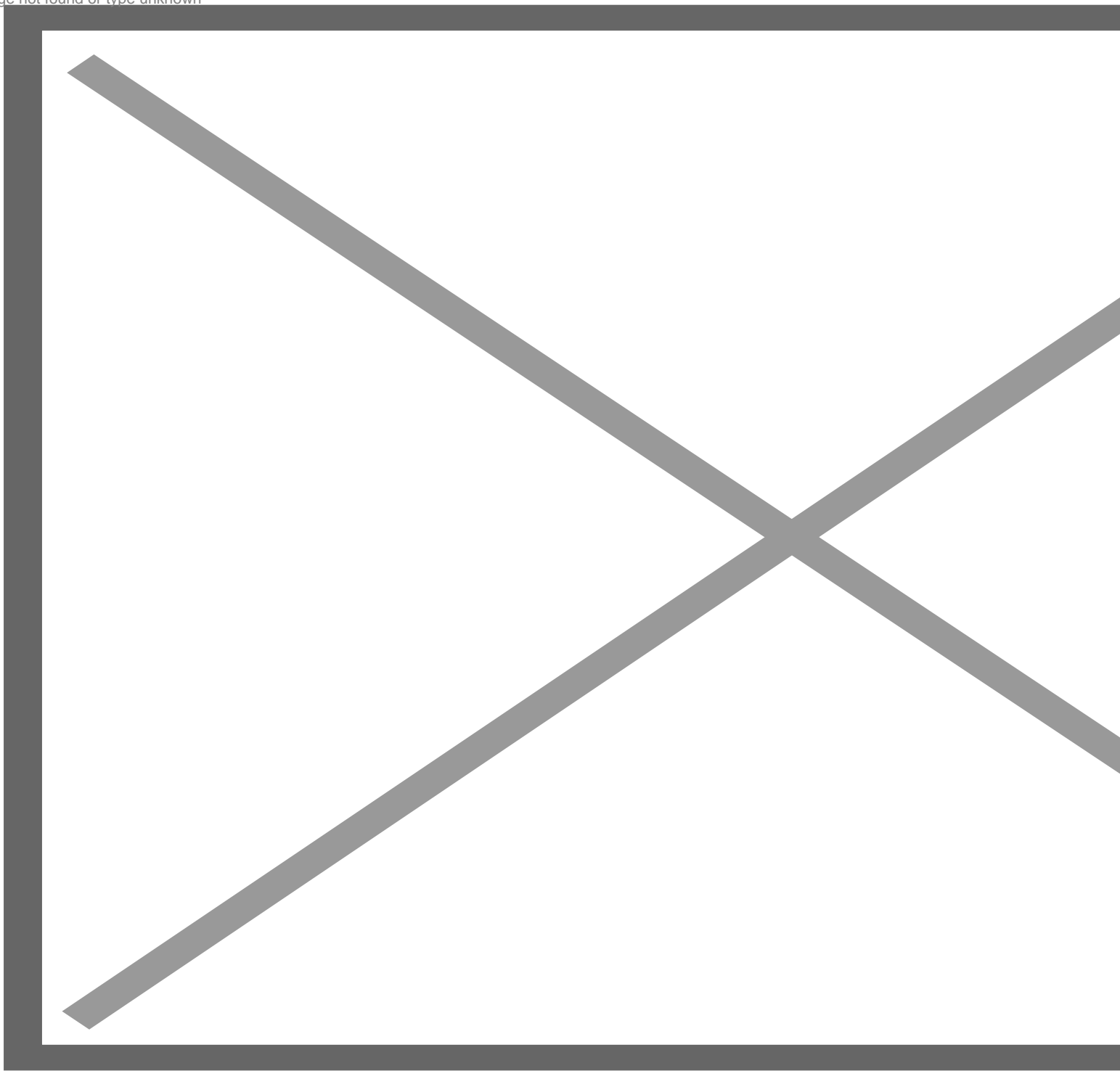
The Cockpit. Back down in the cockpit, there's a passage to the swim platform. For entertaining, there's an L-shaped seat that wraps around to starboard. At the forward end is a galley that includes an electric grill under a hatch and has a refrigerator in the base. A pedestal table can be installed on the deck. The extended flying bridge shades the area and has 6'5" (1.95 m) of headroom underneath. To facilitate boarding from the starboard side, remove the bottom cushion and backrest. The walkway doubles as a hatch that opens to access battery switches.

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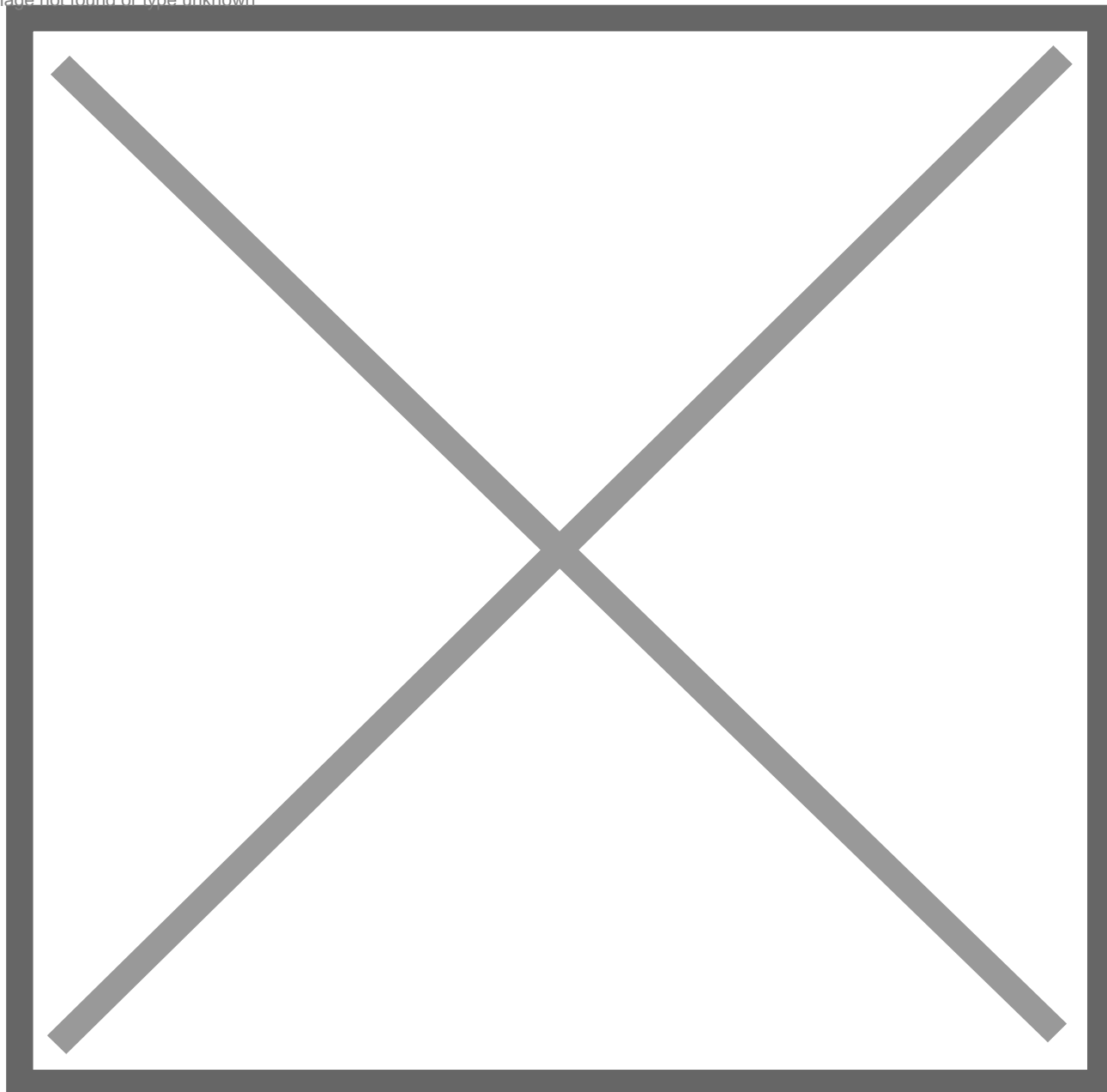
The cockpit lounge is a great place to hang out when the boat is pulled up off a favorite sandbar.

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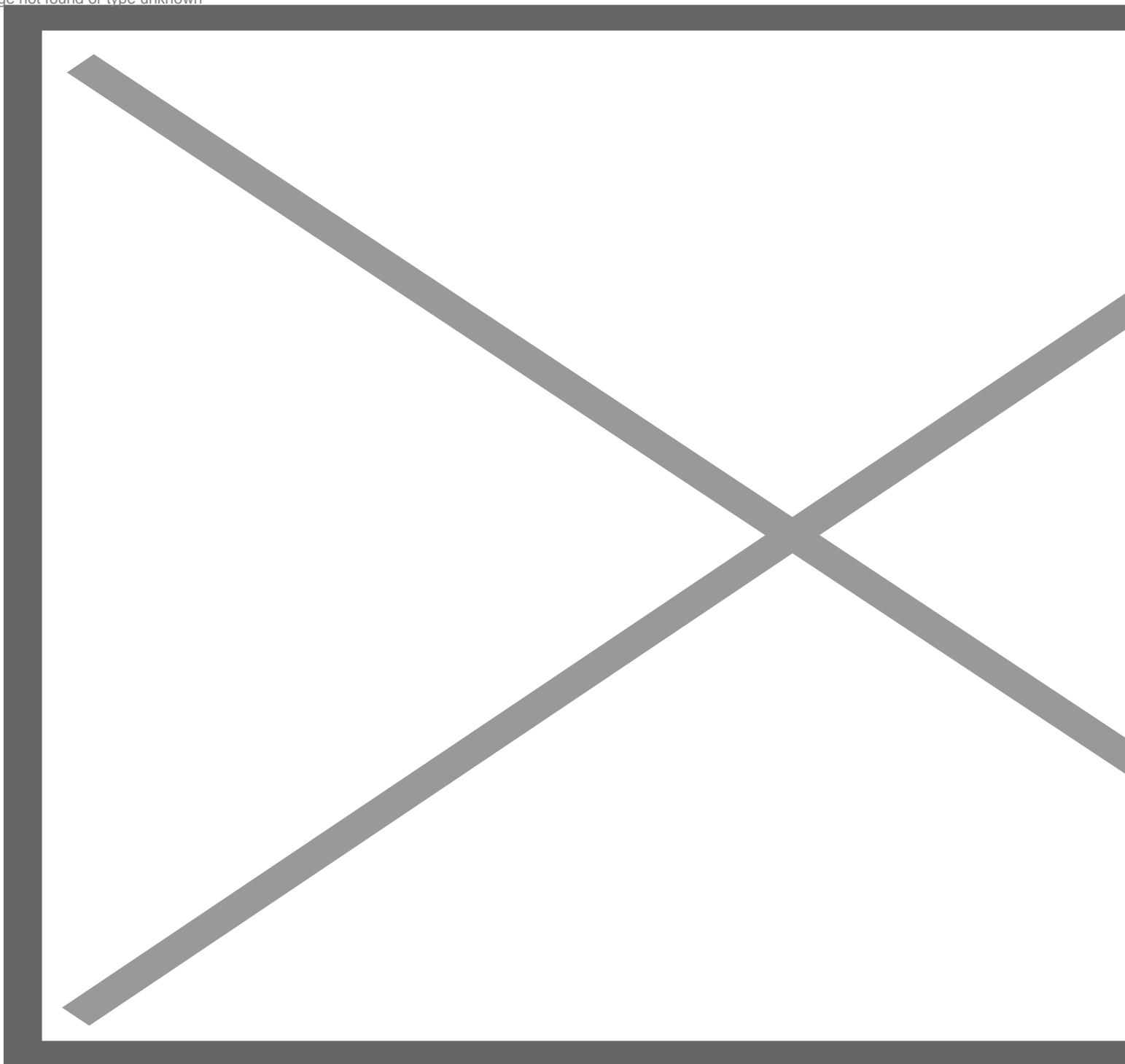
The bottom cushions for the aft bench seat raise on gas struts and have netting to keep contents from rolling around.

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The cockpit grill is appropriately equipped with an automatic shutoff switch, but we would also like to see a steel heat shield on the underside of the hatch.

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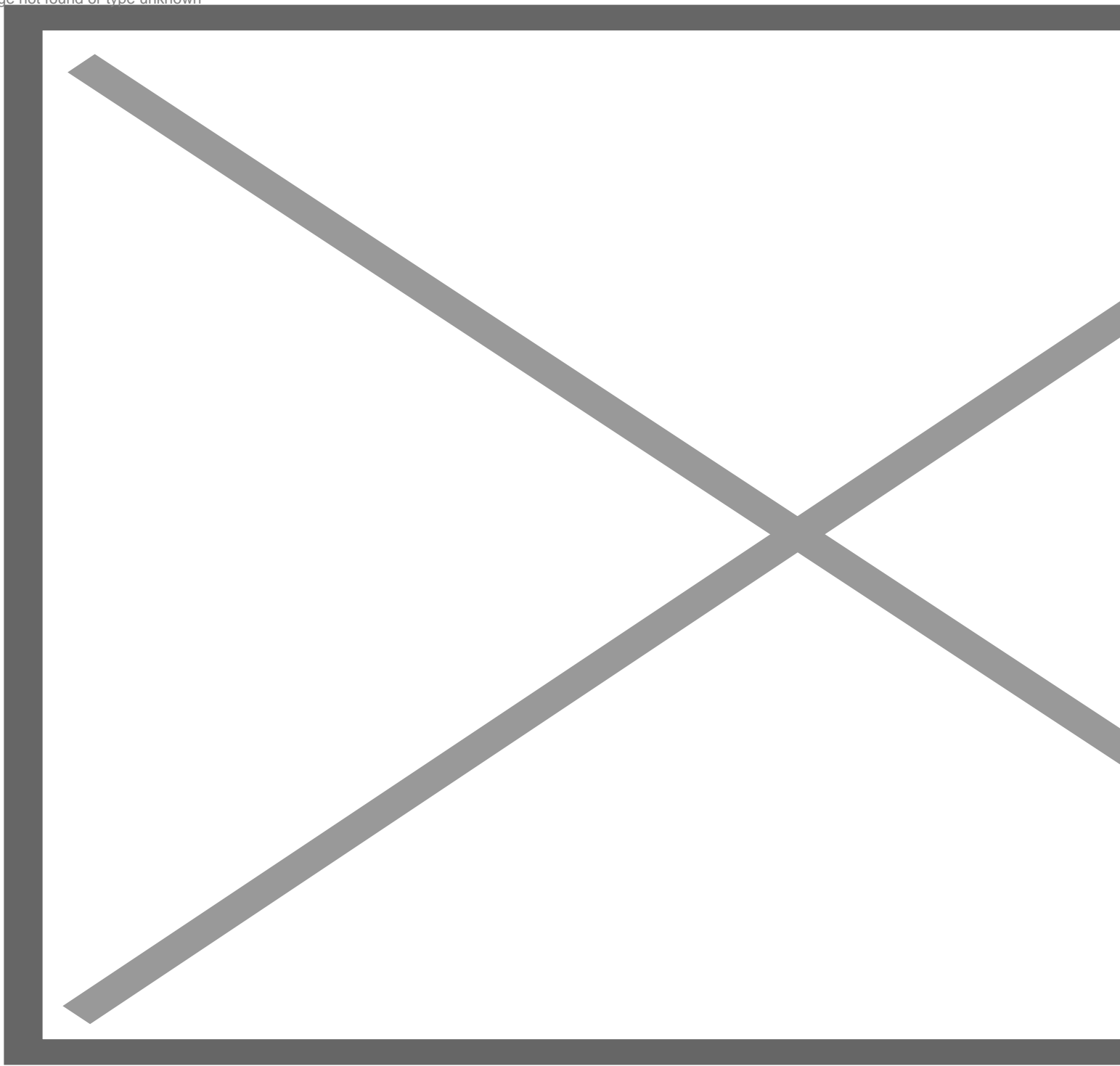


With the starboard bottom cushion and backrest removed, guests can board from a dock.

The Salon. The transition into the 42 FXO's salon couldn't be easier thanks to sliding aluminum-framed glass doors that fully open to create an opening that's 5'11" (1.8 m) wide. To starboard, the galley has a

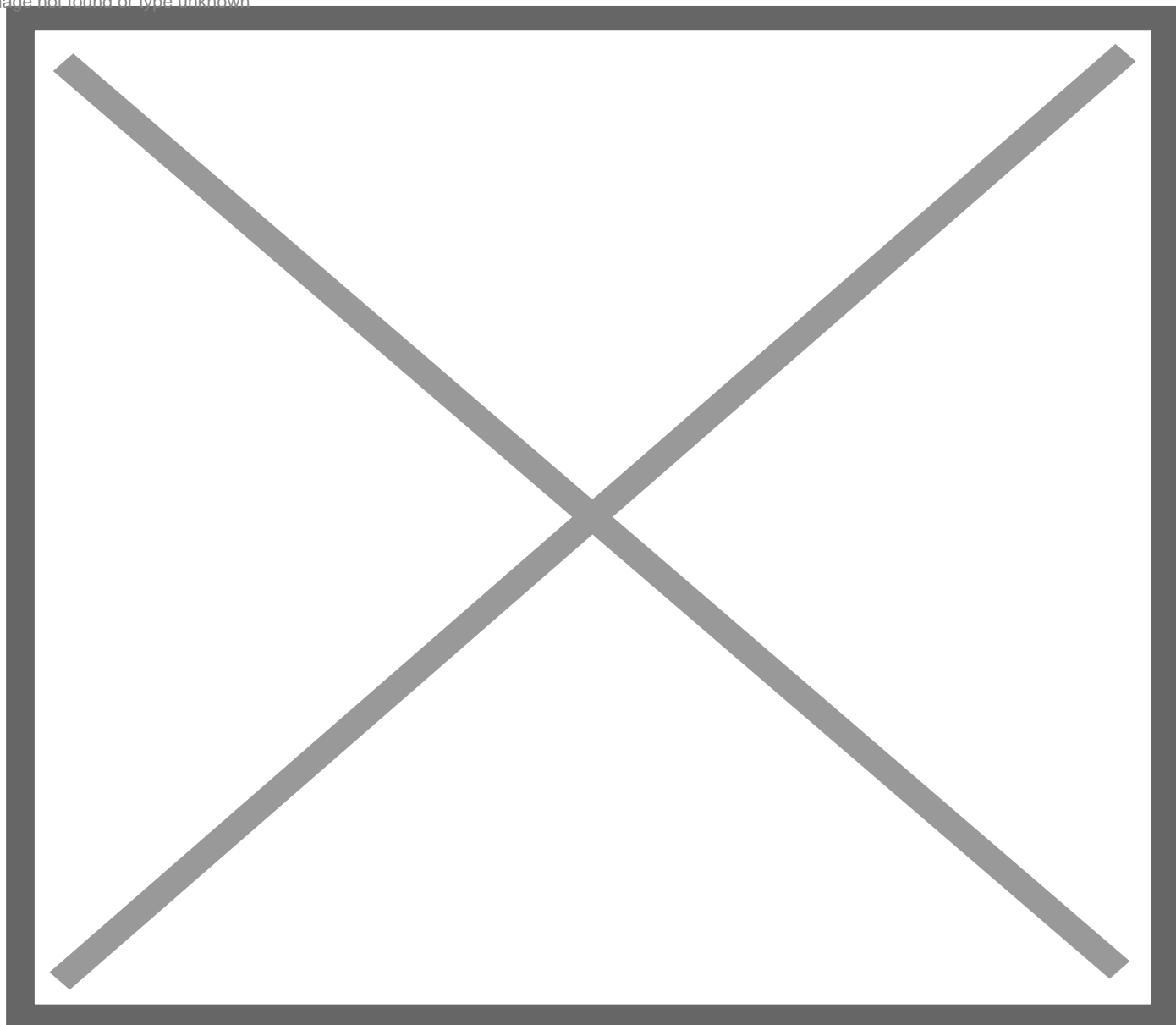
Corian countertop with removable sections that uncover the sink and double-burner electric stove. Regal provides dedicated racks for the covers so they won't get lost or slide around. In the forward port corner, another hinged hatch is above the wastebasket. There's also a convection-microwave oven and refrigerated drawers, plus a plethora of storage options. Overhead, a 32" (81.28 cm) TV folds down quickly so folks on the settee to port can watch it. The settee is on an elevated platform that's 9" (22.86 cm) off the deck and is outboard of a 55" by 22" (139.7 cm x 55.88 cm) table on a fixed base.

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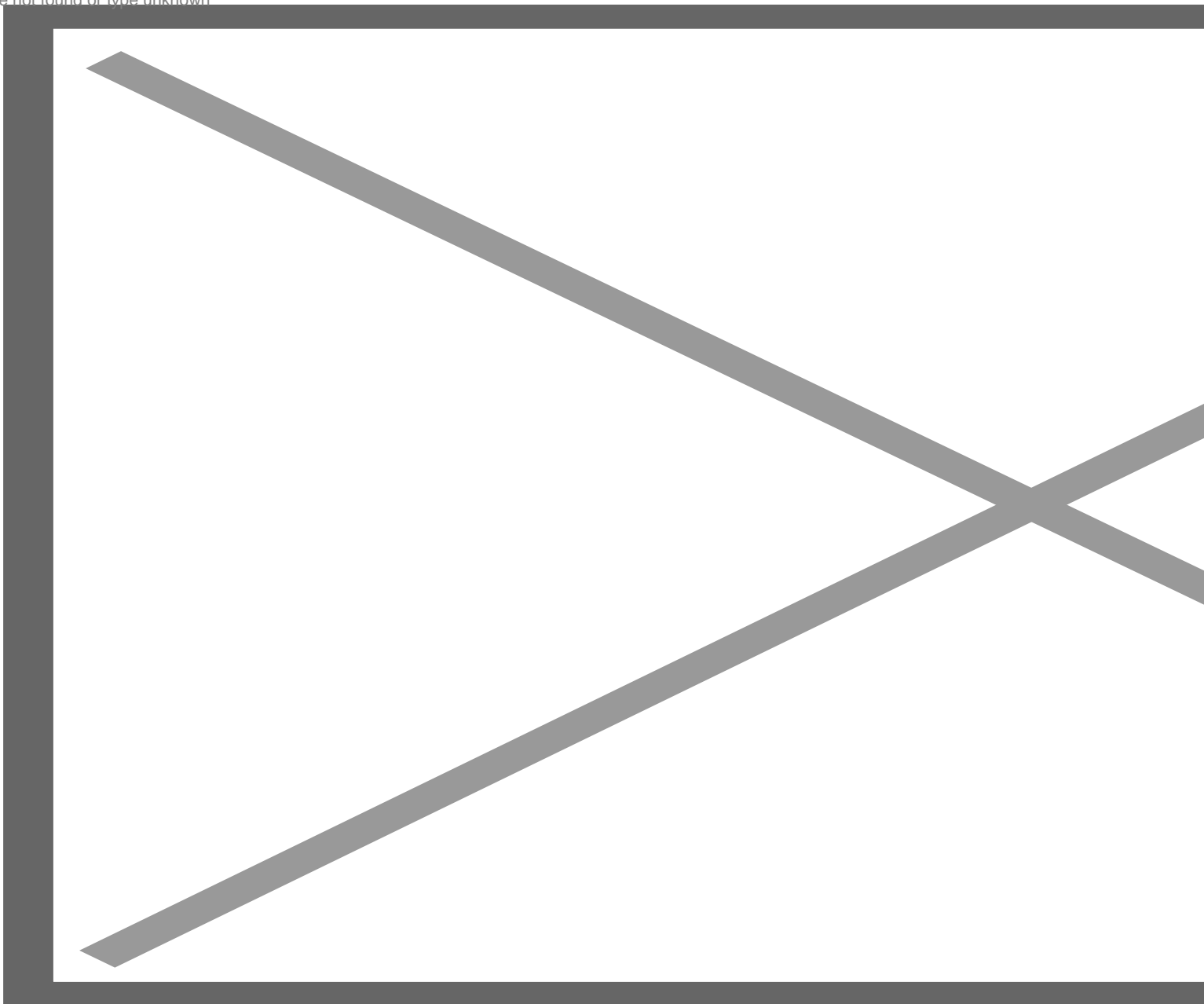
With the salon doors fully opened, the area merges with the cockpit to create one large gathering area.

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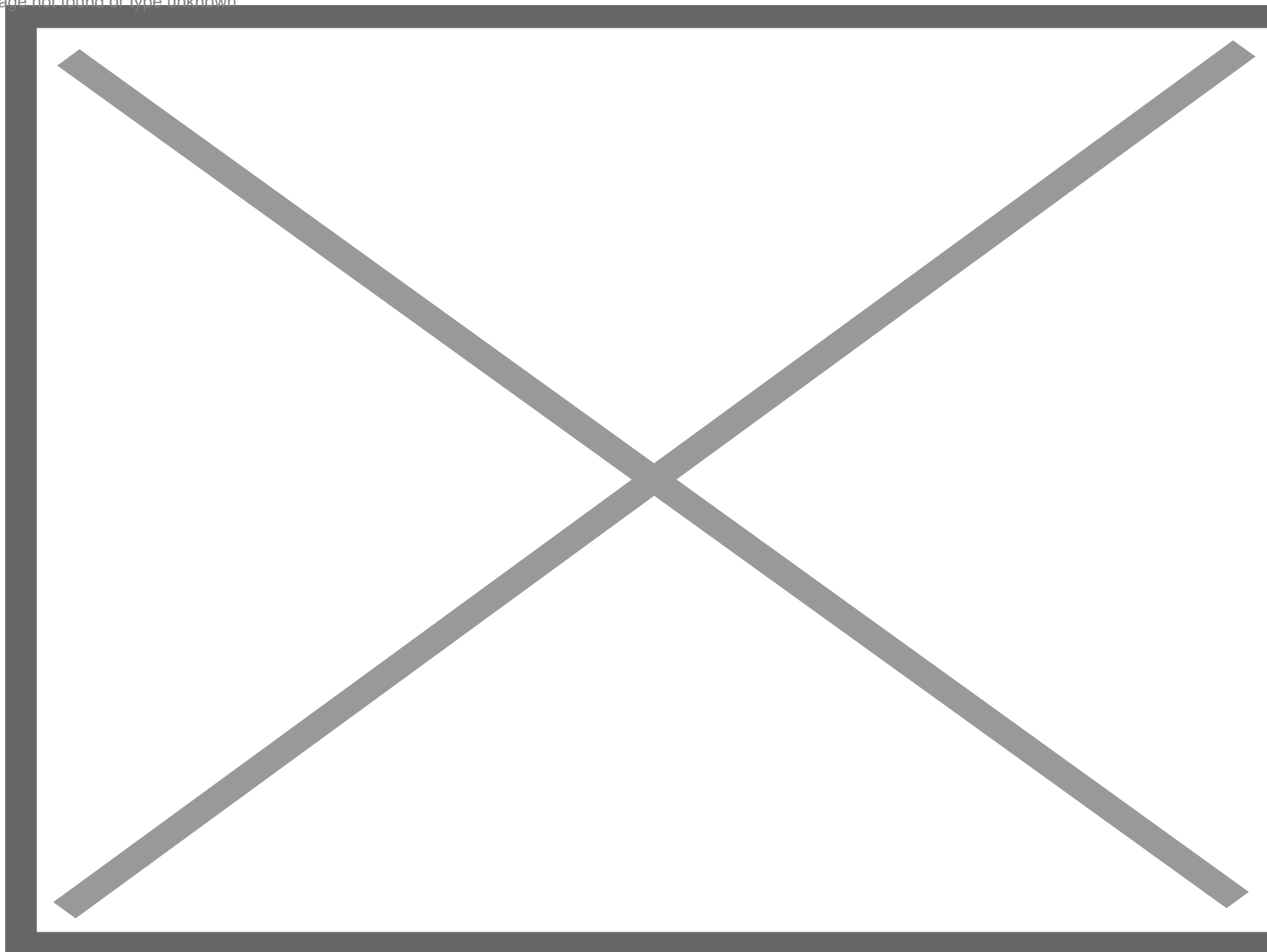
The large outboard window gives the galley an open, spacious aura.

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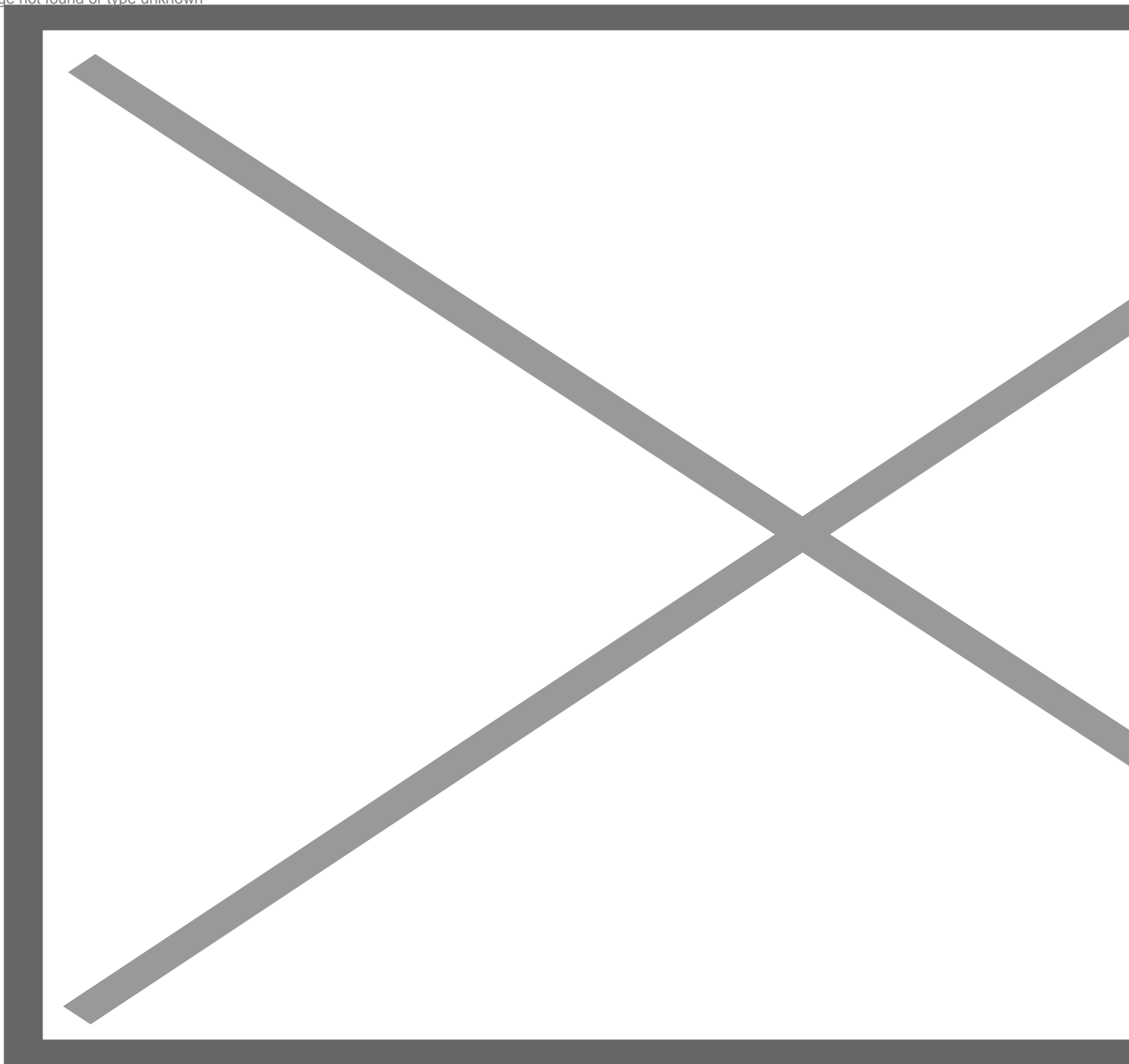
Beneath two removable hatches in the countertop are the sink and two-burner stove.

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The TV lowers out of the galley overhead and was one of the quickest-operating units we've seen.

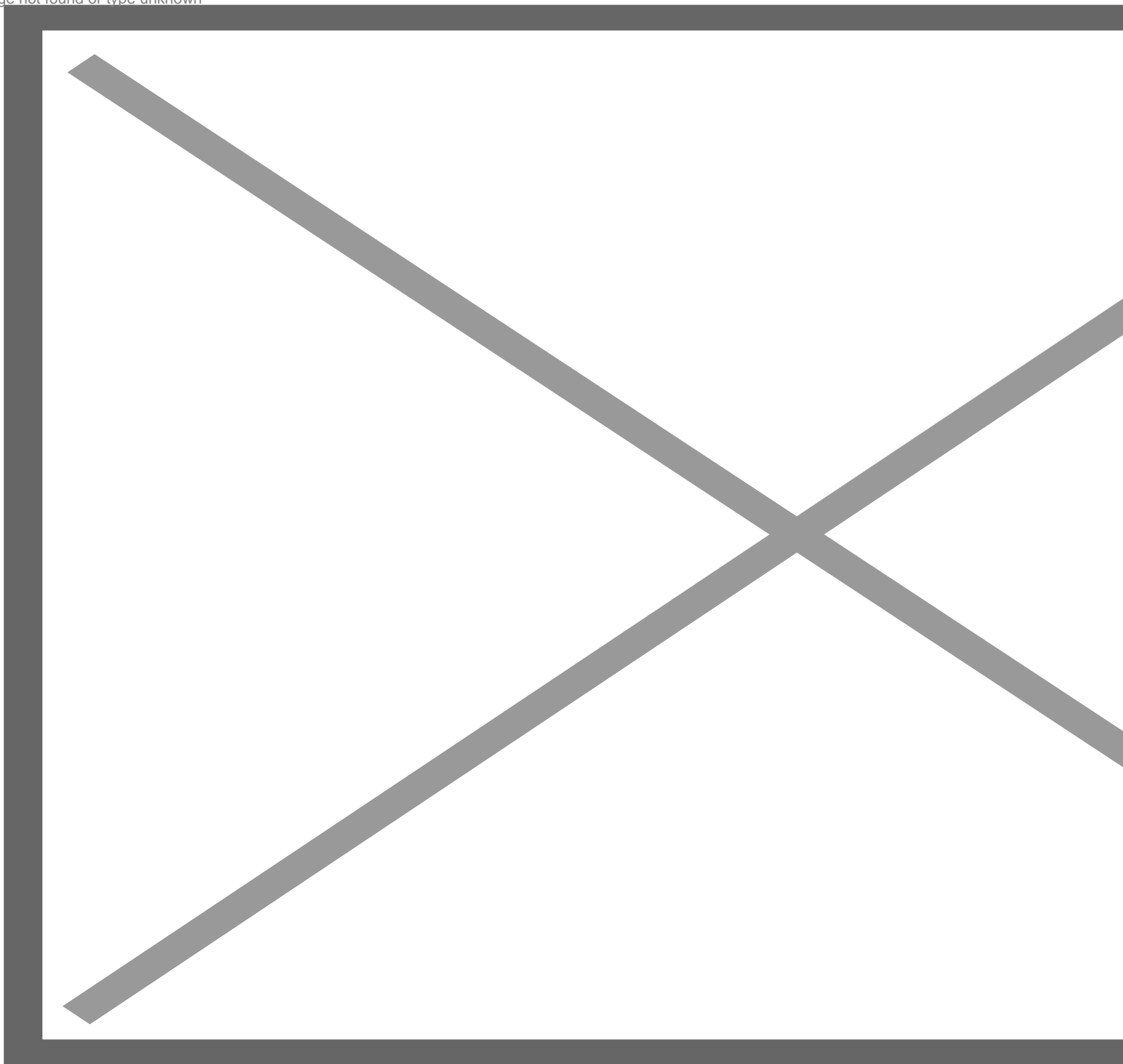
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The cockpit, galley and salon are on the same level, but then the lounge to port is elevated to give passengers a better outside view.

The Lower Helm. The 42 FXO's lower helm comes standard and it's a mirror image of the upper station with the glass dash design. To the left of the tilt wheel, the lone addition is the control for the Fusion stereo and there's a switch for the power-adjustable captain's seat on the accessories panel. To the driver's right, working aft from the bow thruster knob, we have the digital shifts and throttles, the Helm Master joystick and the trim tab panel. Outboard in the gunwale are a 110-volt outlet and an air conditioning duct.

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The lower helm is compact and well thought out, and notice the great views through all the windows.

Accommodations Deck

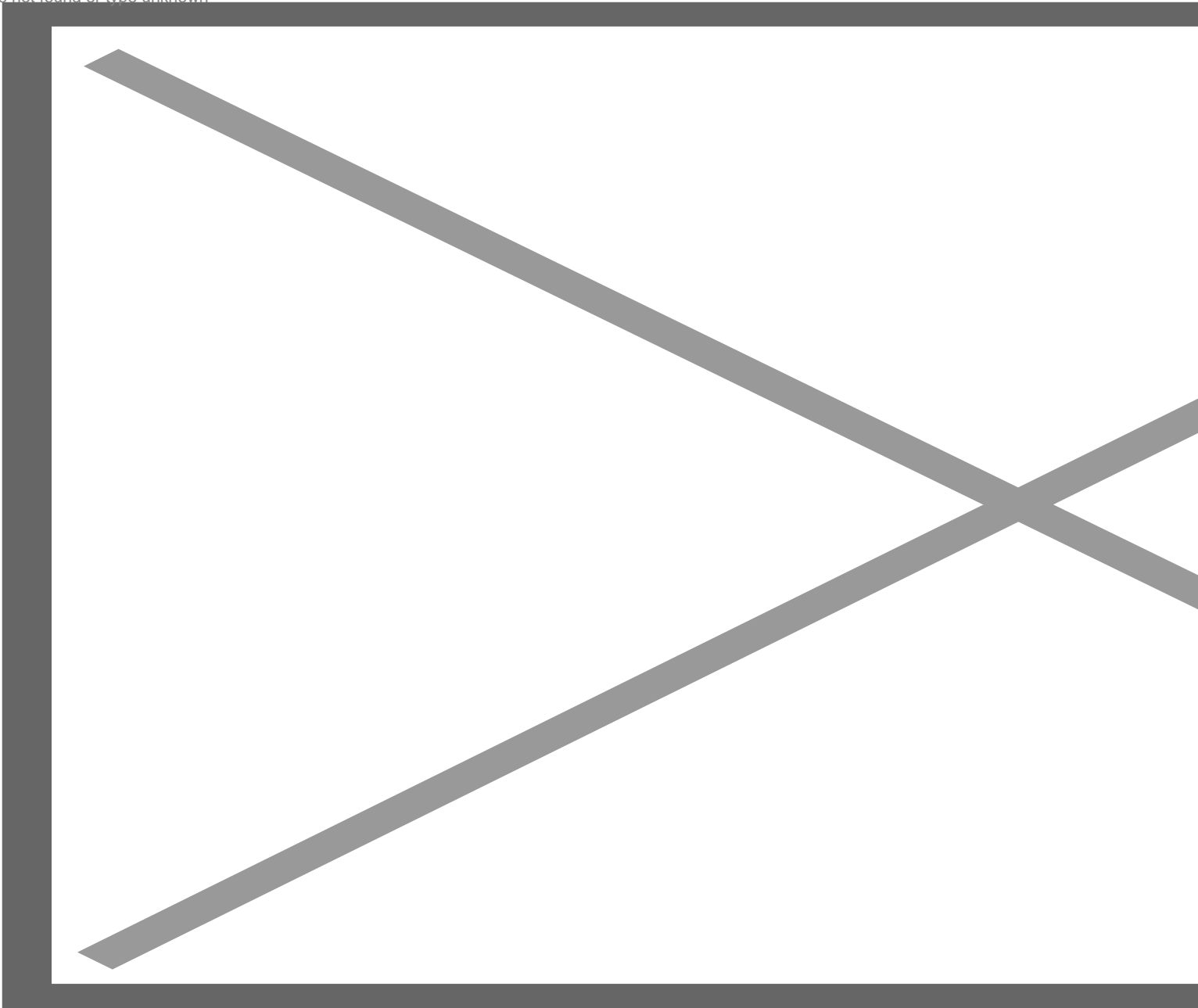
The Atrium. Centrally positioned stairs forward of the helm lead to the 42 FXO's cabin deck. Alongside the steps is a hatch that opens the boat's main distribution panel. It's separated by 12- and 120-volts respectively. Each tread in the stairs is hinged and has storage underneath. The entire stair set pulls forward to access the Seakeeper gyroscopic stabilizer that is available standard on the 42 FXO. At the base of the stairs is an open atrium that picks up natural light from the windshield above. There's also a refreshment center that has another Corian counter, a sink, a hullside window and a refrigerator. An owner could replace the refreshment center with an optional day head.

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The cabin stairs are hinged and fold up to access the Seakeeper stabilizer that's covered in a noise-reducing blanket. There's more sound-deadening insulation on the underside of the stairs.

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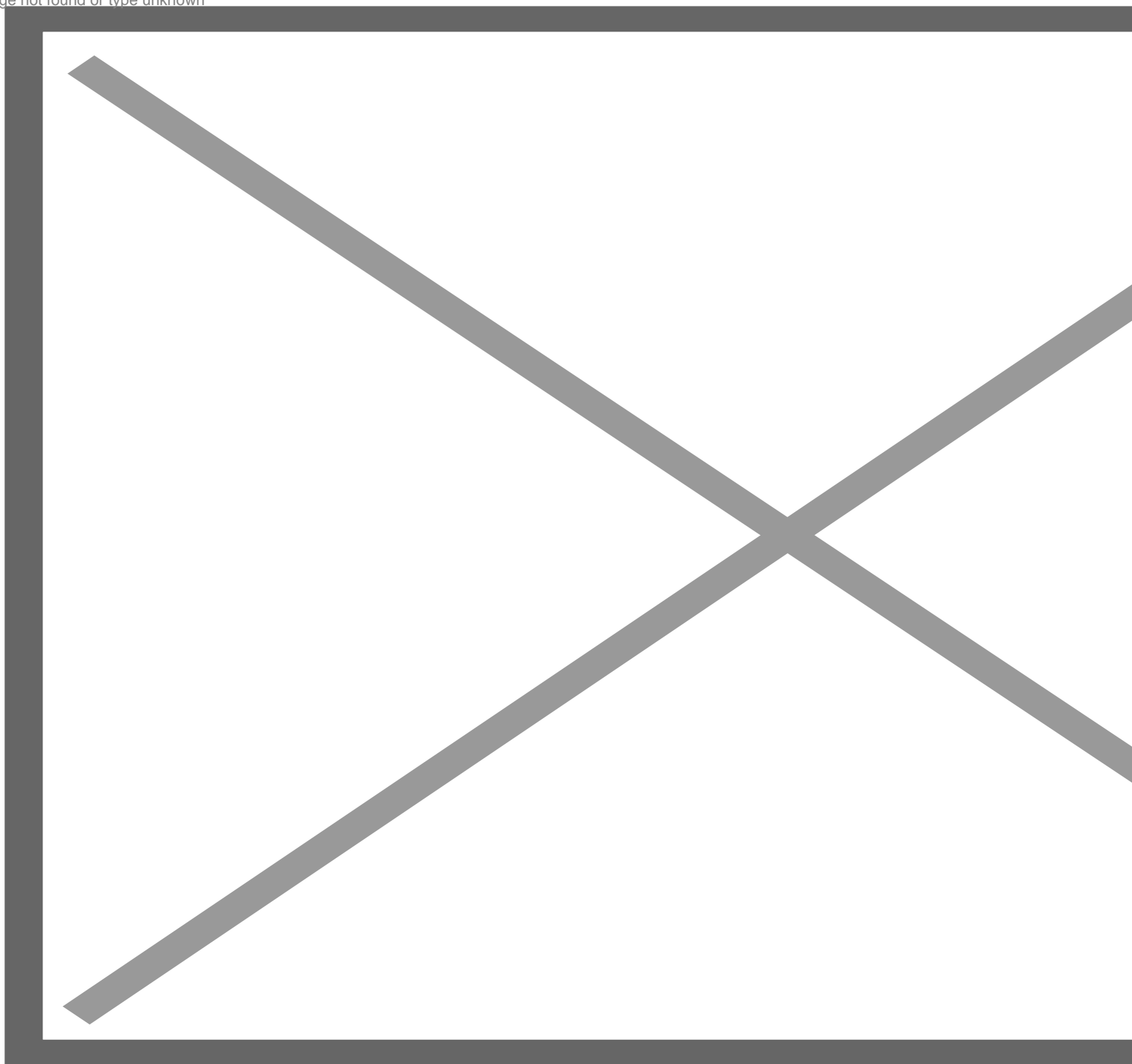
The refreshment center will come in handy when someone needs a cool drink or a snack in the middle of the night.

Regal 42 FXO
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The layout to the left is configured with the refreshment center. The right shows the optional day head.

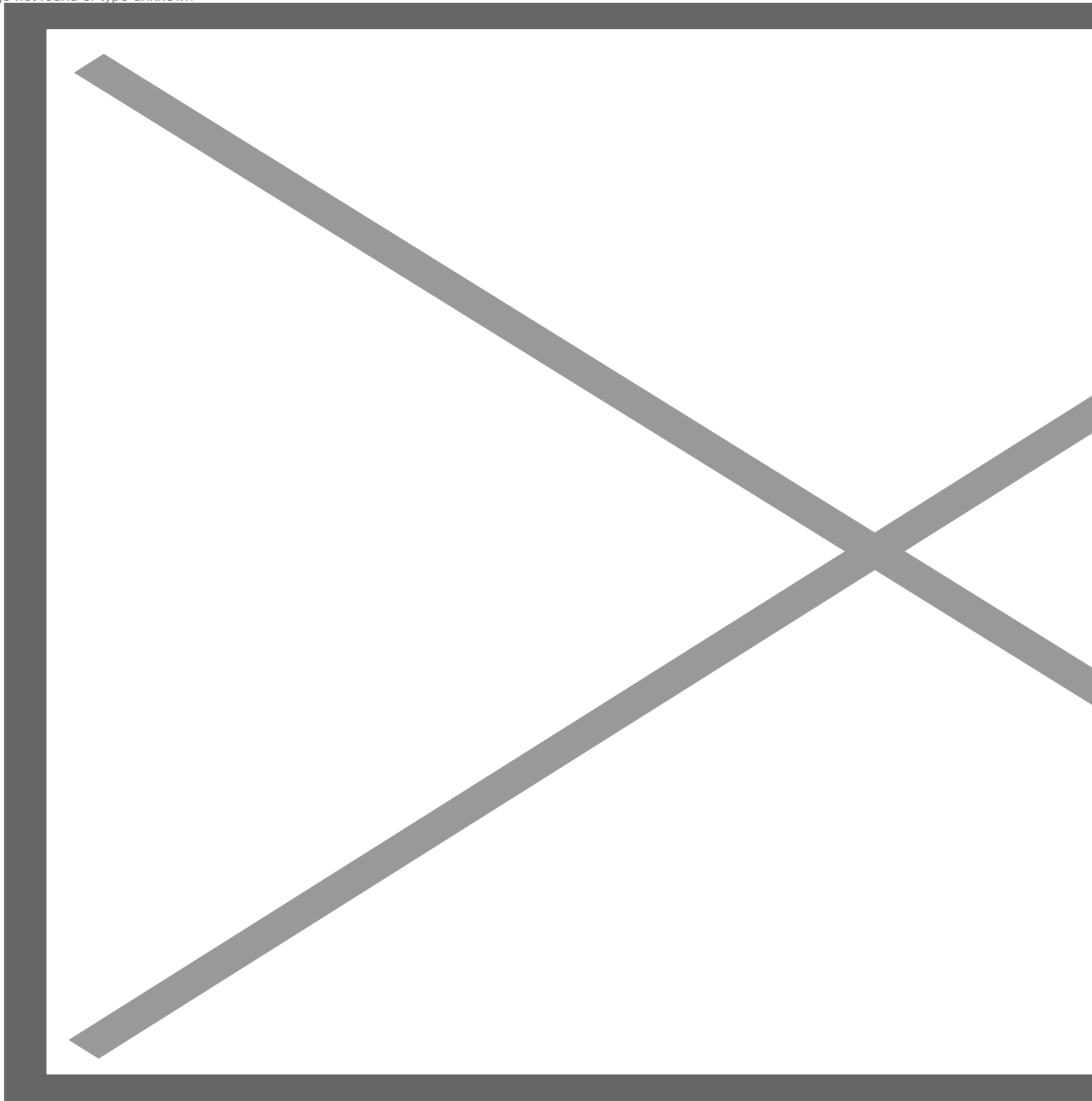
The Forward Cabin. We're not going to designate either stateroom as the master quarters because they're both pretty darn nice. The bow cabin has an island berth accessible from both sides. Headroom is 6'3" (1.91 m) with 3'7" (1.09 m) above the berth. There are fixed windows outboard on each side, plus an overhead deck hatch that has a shade and a bug screen. Frosted glass hatches open small lockers outboard of the headboard on each side. There are drawers in the base of the berth as well. A 27" (68.58 cm) TV was on the aft bulkhead with a hanging locker on the opposite side.

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Pocket doors that slide open on each side provide clean entry to the bow stateroom.

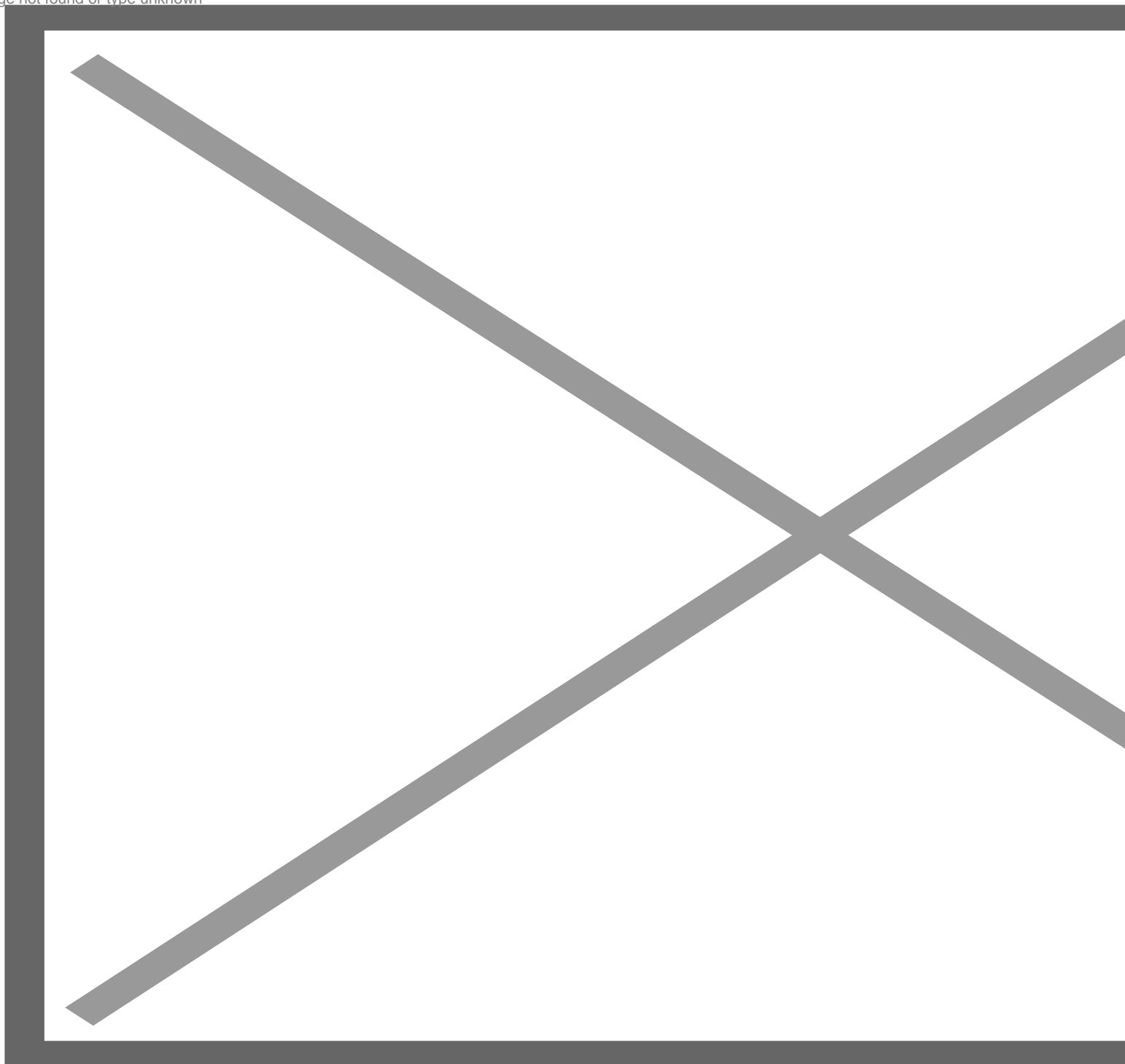
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Here we see the cabin doors closed, which basically creates a stateroom with an en suite head.

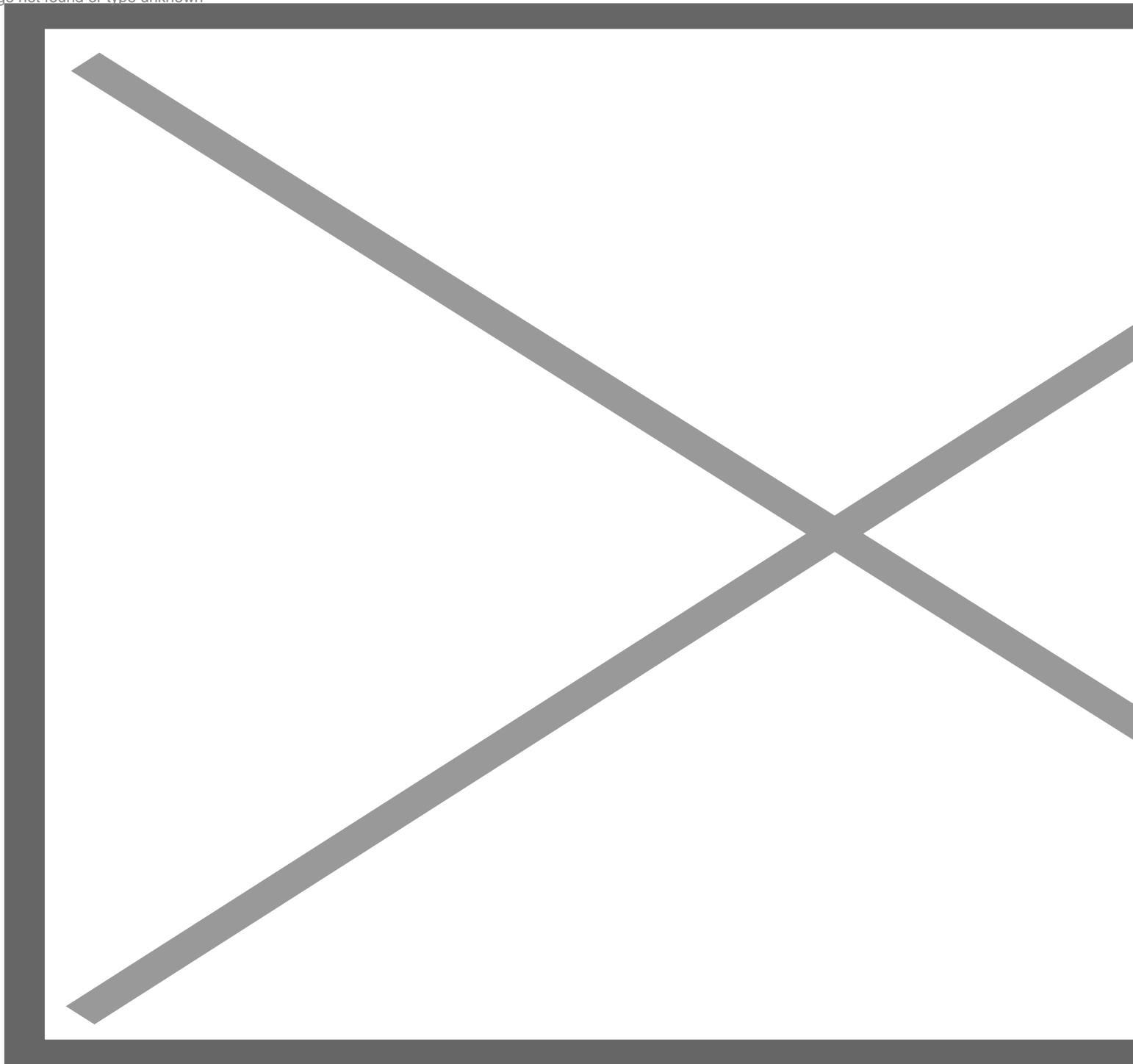
The Aft Cabin. The aft cabin has a true king-sized berth, 78" x 78" (198.2 cm), that can be split, plus a 66" (167.64 cm) long sofa at the foot and a 32" (81.28 cm) TV. There are long hullside windows on each side. Headroom for this cabin is shorter at 4'7" (1.4 m) maximum and then 2'6" (.76 m) over the berth, so it might serve kids better with the two sleeping areas and minimal headroom.

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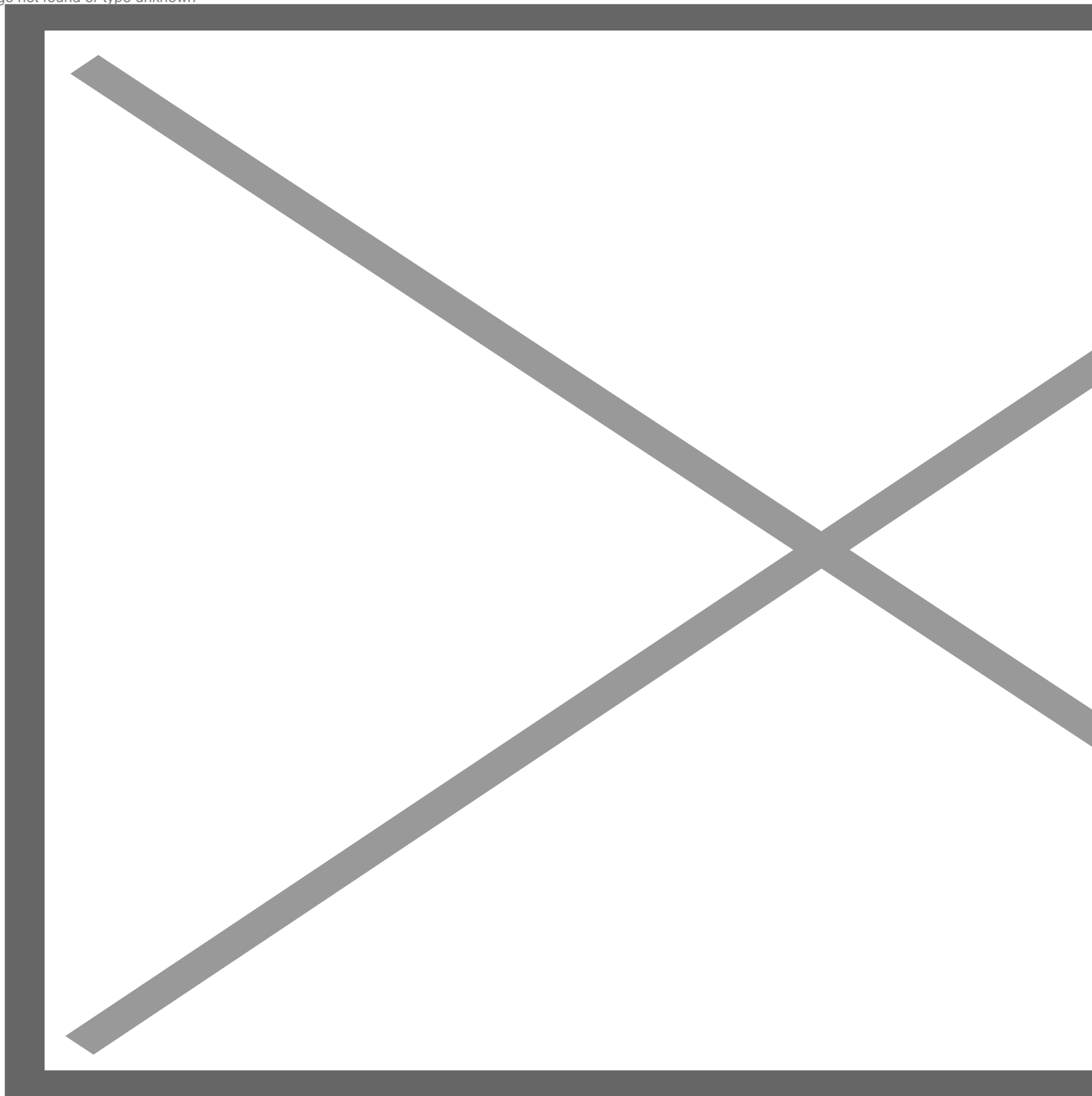
The aft cabin can be one large berth, and there's a comfortable sofa at the foot.

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Even with the berths split, they're big enough that two kids could sleep in each one.

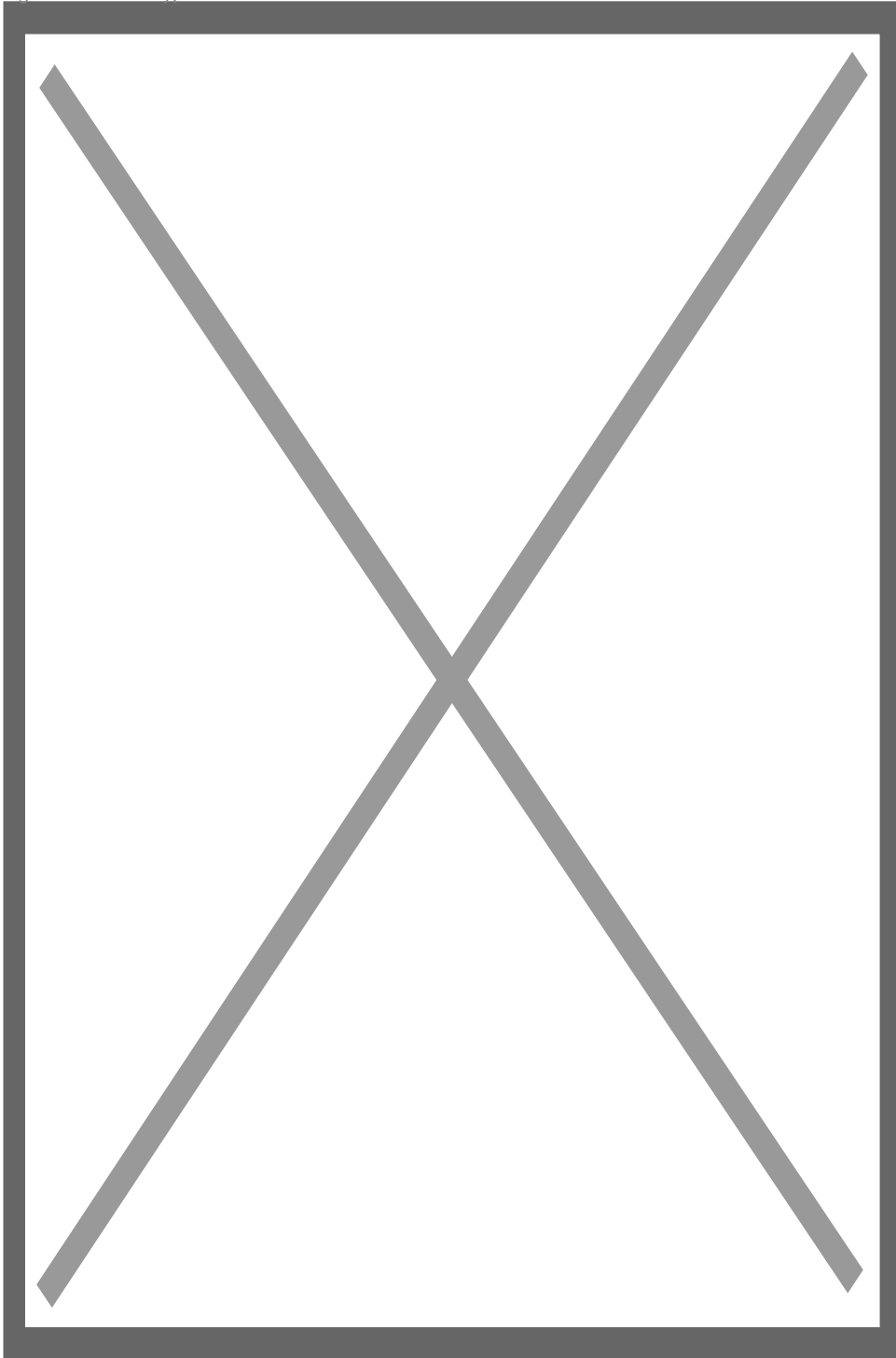
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The aft cabin's biggest advantage over the bow stateroom is the larger TV.

The Head. The 42 FXO has a head with entry from the atrium area or a door in the forward cabin. Inside, it has Corian counters, a large window, a vessel sink, a toilet and a separate shower.

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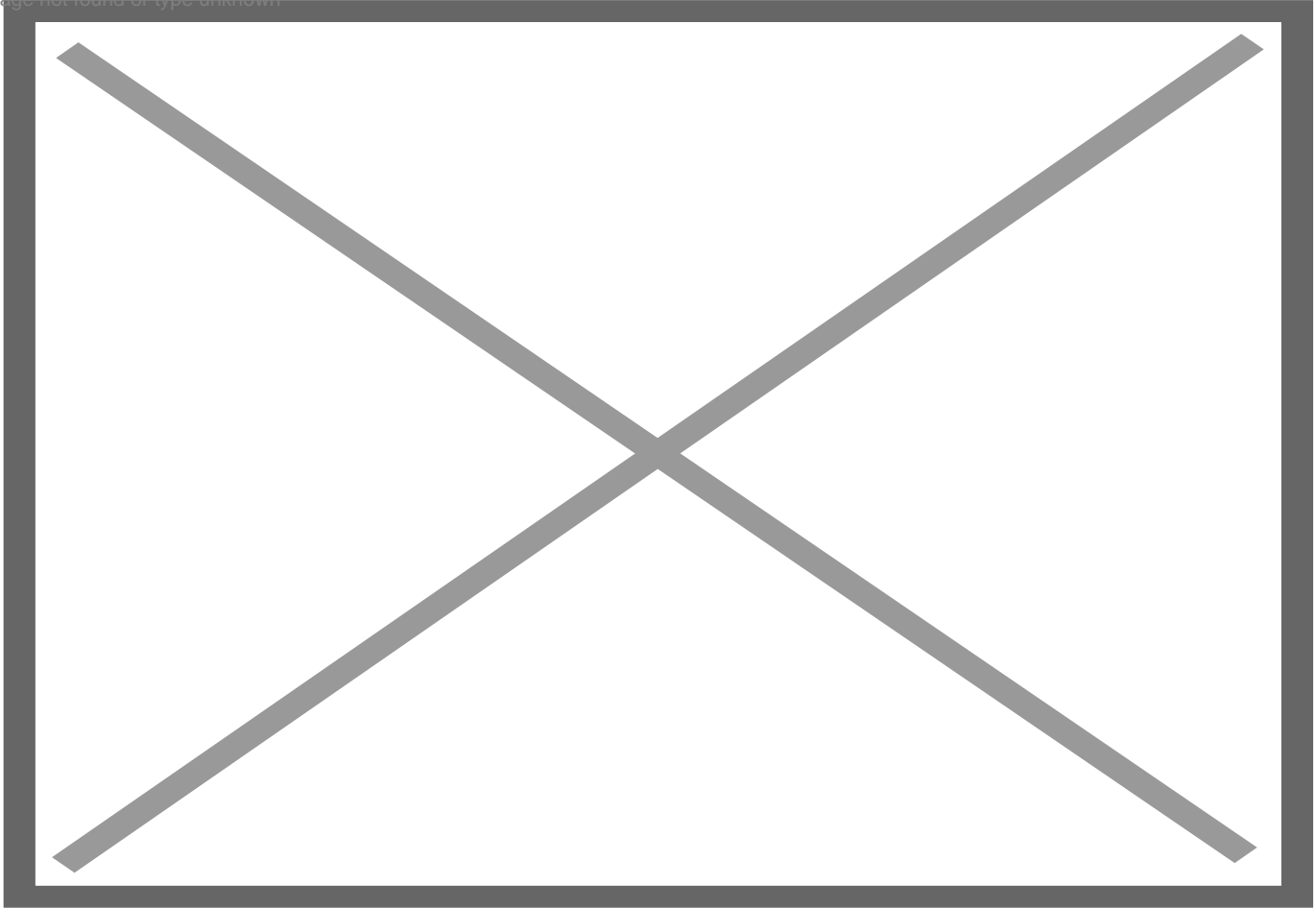


A large hullside window and the use of lots of lights make sure that the head doesn't feel claustrophobic.

Price

With triple 425-hp Yamaha XTO Offshore outboards, the well-equipped Regal 42 FXO base retail price is \$1,008,920

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The family can enjoy a safe, socially distanced weekend getaway on the 42 FXO.

Observations

There aren't many outboard-powered flying bridge boats, but we think Regal has a potential winner in the 42 FXO. A family can pull up to a beach or sandbar, trim out the motors and enjoy a day or even a weekend getting away from all the pandemic craziness. She has the outdoor lounging space for everyone to enjoy the fresh air. Indoors, her salon has an open feel as well.