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## BOATS

### BOAT TESTS

## Ready to Go

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Horizon

**LOA:** 76'9"

**Model:** Vision 74

**Beam:** 20'6"

**Model Year:** 2009

**Draft:** 6'0"

**Boat Type:** Megayacht (> 80')

**Weight:** 121,660lbs.

**Standard Power:** 2/1,015-mhp Caterpillar C-18 diesels

**Fuel Capacity:** 1,680

**Water Capacity:** 360

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## BOATS

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### TEST BOAT SPECIFICATIONS

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## BOATS

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## Ready to Go

By [Capt. Grant Rafter](#)



A lot of new boats will have debuted at this year's Fort Lauderdale International Boat Show by the time this issue hits newsstands. Among the plethora of vessels, Horizon Yachts' first Vision 74 CMY to arrive stateside stands out, due primarily to the sheer amount of integrated gear aboard. The boat is part of Horizon's Green Initiative, and as such contains a number of eco-friendly features. (For more on Horizon's green boats, including the 23 and 46 solar-powered vessels, check out my blog at [powerandmotoryacht.com/blogs](http://powerandmotoryacht.com/blogs).) Most notable are the four solar panels mounted on the hardtop of her fully enclosed skylounge (her unadorned sistership is pictured). Combined, they have the potential to provide 720 watts of electricity, enough to keep the 74's nameplates and other exterior lighting glowing throughout the evening. A different kind of solar feature is the vessel's skylight, which allows natural light to illuminate the main saloon.

But Horizon wanted to provide a yacht that not only meshed with the company's green outlook, but also with its obsession for ease of use. That's why this builder delivers the yacht turnkey at \$3,500,000 (\$3,839,725 delivered to Florida) with all the features you'd expect. Her aforementioned skylounge contains a six-person L-shape settee to port and a dayhead to starboard, so the captain need not stray far from the helm. When you descend the spiral staircase, you'll land in the saloon, which has its own wet bar just inside and to port of the cockpit doors. Since there is no lower helm, the galley forward has a massive, wraparound window, which instead of providing views for the captain, gives them to the chef. And a translucent pass-through lets whoever is cooking stay part of the conversation at the adjacent sixperson dining table.

Below decks, the 74 comes equally well equipped. Her full-beam master stateroom has engraved double-wooden doors. A stateroom to port with a pair of twins and VIP forward with a centerline queen both include en suite heads.

The engine room standards are also leave-the-dock ready. A set of 1,015-mhp Caterpillar C-18s, ZF gears, and four-blade nibrals comprise her propulsion system. As for her electrical features, there's plenty of redundancy—a travel-ready must-including duplicate Glendinning Cablemasters with 75 feet of cordage, two 50-amp Charles iso-transformers, and both a 17-kW and a 27.5-kW Onan genset.

But if nearly 77 feet seems like too much boat, Horizon has simultaneously introduced a 69-footer with an almost identical layout and selection of standard features. Whether you're enticed by greener gear or just want a yacht that arrives fully loaded, either is a solid option.

This article originally appeared in the November 2009 issue of *Power & Motoryacht* magazine.

### THE INFO

**Builder:** Horizon  
**Model:** Vision 74  
**Year:** 2009  
**Boat Type:** Megayacht (> 80')  
**LOA:** 76'9"  
**Beam:** 20'6"  
**Draft:** 6'0"  
**Standard Power:** 2/1,015-mhp  
 Caterpillar C-18 diesels  
**Base Price:** \$3,500,000



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## BOATS

### BOAT TESTS

# The Vaneer of History

By [Capt. Grant Rafter](#)



## Boat Tests

### SPECIFICATIONS

**Builder:** Lyman Morse

**LOA:** 31'4"

**Model:**

**Beam:** 11'0"

**Model Year:** 1995

**Draft:** 1'4"

**Boat Type:** Other...

**Weight:** 9,600 lbs

**Standard Power:** 1/422-hp Volvo PentaD6-435 diesel

**Fuel Capacity:** 224

### STANDARD EQUIPMENT

1/422-hp Volvo Penta D6-435 diesel inboard  
 SeaStar hydraulic steering  
 Hamilton 292 waterjet  
 Groco ARG 2015-S strainer  
 Racor fuel-water separators  
 Soundown muffler and 2" acoustical insulation under sole  
 Ritchie compass and s/s binnacle  
 Icom IC-M304 VHF  
 trim tabs  
 Southco latches  
 Raymarine C120 display  
 Livorsi analog fuel gauges  
 Fireboy auto. fire extinguisher  
 3/Whale Gulper bilge pumps w/ dash controls  
 Intra windshield wipers  
 Awlgripped hardtop  
 Reverso oil-change unit  
 2/Optima spiral-wrapped batteries  
 4/rod holders on cabin top.

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## BOATS

### BOAT TESTS

# The Vaneer of History

By [Capt. Grant Rafter](#)



The Gulf of Maine was for a long time a haven for smugglers. As a result of its sparsely populated islands, lax border enforcement, and heavy fog, running goods across the Canadian border became a tradition that went back centuries. Barrels of flour numbering in the tens of thousands were shipped to New Brunswick during the 1808 Jefferson's embargo. Beginning around 1812 and continuing well past the Civil War, black gypsum from Nova Scotia weighed down hulls that crept over the silent night waters of Passamaquoddy Bay.



In the prohibition era of the 1920's and '30s, Roque Island earned its epithet of "Rogue Island," with countless cases of rye "hooch" whisky landing on its shores and of those of nearby islands, stowed beneath the soles of runabouts that hid in backwoods anchorages hidden by pine trees and granite cliffs.

Lyman-Morse's Rumrunner 31 can find her heritage in the skiffs of those practitioners. Her unrestrained use of wood and low sheer, drafted by Dieter Empacher, are features that avow her lineage. And, just like her predecessors, this one-off has more hidden within her teak-laden hull than a glance would lead you to suspect.

My first look at *Scout* was on a floating dock in Thomaston, Maine. She'd been launched just two weeks before, and her brightwork was breathtaking, even though it was still about six-coats shy of completion. Lyman-Morse's reputation for fine woodwork was apparent: There was teak on her beadboard paneling, windshield mullions, and even an 18-inch Edson teak wheel.

I was alone on the dock, waiting for a few folks from Lyman-Morse's main office to give me an overview of the vessel. But being one who always likes to keep his first impressions as uncolored as possible, I hopped over the gunwale and began poking around. I lifted out one of the three deck scuttles that run across the aft section of the cockpit, buried my shoulders into the opening, and was immediately perplexed. I was face-to-steel with what appeared to be a pump connected to a jackshaft, just aft of a CV-joint. Then it came to me, "She's a jetdrive!" My voice echoed around the bilge, with a slight metallic intonation. "And with an aluminum hull!" I added, in a state of further bemusement.



It turned out that both observations were correct. In lieu of a prop, *Scout* has a Hamilton 292 waterjet powered by a 422-hp Volvo Penta D6-435 diesel, lying amidships beneath a glossy teak engine box that lifts on electrically driven



struts. (The engine air intakes are clandestinely placed beneath the gunwales.) With the box elevated, I had plenty of room to check both oil and coolant; the duplex Racors and seawater strainer were not as accessible. The Racors were below deck level and faced inboard, so it would be a bit

### THE INFO

**Builder:** Lyman Morse

**Year:** 1995

**Boat Type:** Other...

**LOA:** 31'4"

**Beam:** 11'0"

**Draft:** 1'4"

**Standard Power:** 1/422-hp Volvo PentaD6-435 diesel

**Base Price:** Upon request

tricky to reach in and change them. (They also lacked sight bowls by which to observe contaminant accumulation). As for the Groco ARG-2015-S seawater strainer, it was aft, near the box's hinge, which wouldn't provide much elbowroom when it's time to pull out its strainer basket.

Something else unorthodox I found was the placement of the 31's four fuel tanks. Two 100-gallon tanks sit forward, while 76- and 48-gallon units are aft, to port and starboard respectively. (The forward tanks are different sizes to offset the weight distribution of gear aft). In designing the boat, Empacher accounted for not only the classic rumrunners' speed but their range as well. With 324 gallons of fuel, *Scout* should have a 485-statute-mile range at 36 mph (31.3 knots). But her setup does have a drawback: You have to fill each tank individually as there's no transfer pump or self-leveling hoses. However, there is a manifold with manual selector valves underneath the center console that allows you to select which tank to pull from. (Each tank comes with its own analog fuel-level gauge).

The story behind the aluminum hull—a most uncommon building material for a 30-footer—began with an owners' request in 2002. Jeff and Meg Pierce, who also own an aluminum-supply company called Pierce Aluminum, commissioned Lyman-Morse's first aluminum-hulled boat, a 54-footer called *Comet*. When the couple decided that they needed a dayboat for Florida, they again called on Lyman-Morse, who by this point had completed a handful of other aluminum builds and also had added a full metal-fabrication team and a dedicated outbuilding for it. *Scout's* entire hull structure, from skin to stringers, is aluminum. Woodwork is attached with Plexus epoxy, a process that the company points out takes great skill. "You have to ensure every square inch is perfectly dry and properly bonded," says Lyman-Morse president J.B. Turner.



When it came time to take the rumrunner out on the St. George River, *Scout* proved that she had even more surprises in store. First was speed. At WOT, she made 36.6 mph (31.8 knots) within 15 seconds. Controlling the jet was simple and intuitive. A port-side rocker switch for the transmission can be set in either forward, neutral, or reverse (reverse is used only to clear the pump). The stainless steel controls have two levers: the one on the left moves the buckets up or down (making the boat go forward or aft) and the one on the right is the throttle. There were, however, two glitches that Lyman-Morse made me aware of and planned to correct. The first was a two-second delay between opening the throttles and the engine's response, and the second was a loss of power between 1300 and 1500 rpm, apparently a glitch in the engine electronics. Admittedly, a boat that's freshly launched and barely seatrialed often displays such quirks; indeed, items such as tracking skegs and trim tabs hadn't even been installed on this boat yet, which explained her tendency to wander at slow speeds.

Pre-delivery issues aside, the 31's performance was outstanding. With the wheel rotated only one turn (full range is 21/2-turns lock-to-lock), *Scout* pirouetted not only in her own length but literally around her bow section, as if there were a post going straight down from her stem to the seabed. A lobster pot off our stern remained equidistance throughout our five spins.



With this kind of slow-speed maneuverability, I wondered how she'd handle on the top end. At roughly 35 mph, I banked a hard turn to port, and as she leaned in beautifully she carved a 180 within two boat lengths without losing more than a few mph. But company representative Justin Wiegleb, who was along for the ride, insisted she could have done even better had I really cranked over the wheel over. So I again opened her up, and this time, with a quicker twist of the wheel, *Scout* pivoted on her plumb bow, spraying a wall of water out from her side as we skirted off in the opposite direction. A perfect, one-boat-length, high-speed U-turn.

I'd like to think we provided quite a sight for the locals watching from the shore. Here was a classic-style, teak-trimmed dayboat, a vessel one would generally associate with kindly leaf-peeping putts up river, performing high-speed turns and sending plumes of water into the air. But then again, I suppose the one thing a Maine native is used to by now is a boat's hidden features. As with those old rumrunners, understatement is part of the pedigree.

## BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels	trim (degrees)
1000	5.0 (4.3)	0.7	7.07 (6.15)	2,062	1,793	71	0.0
1500	7.5 (6.5)	1.5	4.97 (4.32)	1,448	1,259	77	0.5
2000	9.6 (8.3)	4.4	2.17 (1.89)	633	550	78	2.0
2500	13.1 (11.4)	7.5	1.75 (1.52)	509	443	85	4.5
3000	25.2 (21.9)	13.0	1.94 (1.69)	565	492	89	6.0
3500	36.3 (31.6)	22.0	1.65 (1.43)	481	418	96	4.0
3600	36.6 (31.8)	22.0	1.66 (1.45)	485	422	96	4.0

**PROPULSION:** 1/422-hp Volvo Penta D6-435 diesel inboard, ZF Marine gear w/ 1.4:1 ratio; Hamilton 292 waterjet

**CONDITIONS:** temperature: 73°F; humidity: 55%; wind: 0-5 mph; seas: calm; load: 420 gal. fuel, no gal. water, 3 persons, 50 lbs. gear. Speeds are two-way averages measured w/Stalker radar gun. GPH measured with Volvo Penta electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB-A is the level of normal conversation.

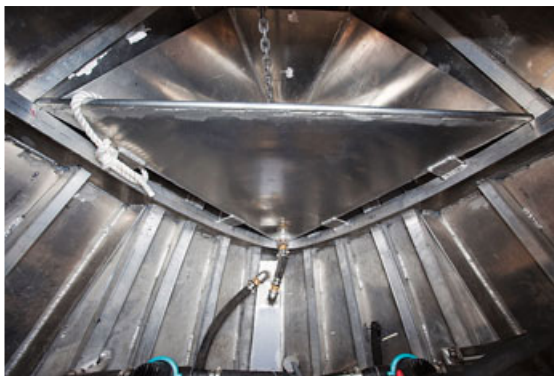
### Aluminium Boatbuilding

Aluminum is not a common construction material for boats in the 30-foot range, but that didn't stop owners, (who, conveniently enough, own an aluminum-supply company), from choosing to have this boat made from the element.

Aluminum underlies almost every load-bearing structure on this vessel. One of the best places to see Lyman-Morse's expertise with this material is in the anchor locker where the side stringers that support the hull plating are exposed. Four to six inches are all that separate each stringer, which are spotwelded to ribs creating a stalwart and stiff framework.

Another example of skilled metallurgy is the 3" diameter aluminum support for the hardtop that not only keeps the top from racking but also provides a place for the four owner-requested rocket launchers.

-G.R



### The Vitals

#### STANDARD EQUIPMENT:

1/422-hp Volvo Penta D6-435 diesel inboard; SeaStar hydraulic steering; Hamilton 292 waterjet; Groco ARG 2015-S strainer; Racor fuel-water separators; Soundown muffler and 2" acoustical insulation under sole; Ritchie compass and s/s binnacle; Icom IC-M304 VHF; trim tabs; Southco latches; Raymarine C120 display; Livorsi analog fuel gauges; Fireboy auto. fire extinguisher; 3/Whale Gulper bilge pumps w/ dash controls; Imtra windshield wipers; Awlgripped hardtop; Reverso oil-change unit; 2/Optima spiral-wrapped batteries; 4/rod holders on cabin top.

**OPTIONAL POWER:** None

**OPTIONAL EQUIPMENT ON TEST BOAT:** None

**PRICE AS TESTED:** Not Available

**Below:** The author aims his radar from the teak-enclosed helm.

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## BOATS

### BOAT TESTS

# Build By Numbers

By [Capt. Grant Rafter](#)



## Boat Tests

### SPECIFICATIONS

**Builder:** Regal

**LOA:** 46'0"

**Model:** 44 Sports Coupe

**Beam:** 14'0"

**Model Year:** 2009

**Draft:** 3'8"

**Boat Type:** Other...

**Weight:** 23,000 lbs.

**Cabin** 1 master, 1 guest

**Standard Power:** 2/374-hp Volvo Penta IPS 500s

**Optional Power:** 2/374-hp Volvo Penta IPS 500 diesels; 2/435-hp Volvo Penta IPS 600 diesels

**Fuel Capacity:** 328 gal.

**Water Capacity:** 101 gal.

### STANDARD EQUIPMENT

2/374-hp Volvo Penta IPS 500 gasoline pod drives

Volvo Penta electronic steering and controls

26,000-Btu Dometic reverse-cycle A/C

7.3-kW Kohler genset

2/Groco ARG-750 seawater strainers

2/Group 31 and 1/8D batteries

wiring runs with Mate-NLock II Deutsch connectors

fuel-transfer pump

Vitrofrigo 'fridge and freezer

Fireboy fire-suppression system

2/Vacuflush MSDs

2/Racor filters with hand primers (no site bowls)

Pro Nautic battery charger

Saniguard holding-tank filter

Sea Tech plumbing connectors

central vacuum system

Ultraleather upholstery





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## BOATS

### BOAT TESTS

# Build By Numbers

By [Capt. Grant Rafter](#)



## TEST BOAT SPECIFICATIONS

Price as Tested: \$622,797

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (est.)	sm range	nm range	decibels	trim (degrees)
1000	6.8 (6.9)	2.0	3.40 (2.96)	1,004	873	73	0.5
1500	8.7 (7.6)	5.0	1.74 (1.51)	514	447	86	2.0
2000	10.2 (8.9)	13.2	0.77 (0.67)	228	198	75	5.5
2500	18.1 (16.6)	20.0	0.96 (0.83)	282	245	75	6.0
3000	28.9 (25.1)	25.8	1.12 (0.97)	330	287	75	5.0
3500	36.0 (31.3)	35.6	1.01 (0.88)	299	260	78	4.0
3620	38.2 (33.2)	40.6	0.94 (0.82)	277	241	78	4.0

**PROPULSION:** 2/374-hp Volvo Penta IPS 500 diesel pod drives; Volvo Penta marine gears w/ 1.81:1 ratio; Volvo Penta T4 prop set

**CONDITIONS:** temperature: 88°F; humidity 48%; wind: 0-5 mph; seas: calm; load: 82 gal. fuel, 50 gal. water, 2 persons, 188 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Volvo Penta engine-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 85 dB-A is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Splendide 2000S washer/dryer combo  
second Garmin 5212 chartplotter  
Raymarine ST6002

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## BOATS

### BOAT TESTS

## Smooth Operator

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Hampton

**LOA:** 66'2"

**Model:** 650

**Beam:** 18'8"

**Model Year:** 2009

**Draft:** 4'10"

**Boat Type:** Other...

**Weight:** 92,500 lbs.

**Cabins** 1 master, 2 guest

**Standard Power:** 2/873-bhp Caterpillar C-18s

**Optional Power:** 2/1,001-bhp Caterpillar C-18  
ACERT diesel inboards

**Fuel Capacity:** 2,000 gal.

**Water Capacity:** 400 gal.

#### STANDARD EQUIPMENT

2/873-bhp Caterpillar C-18s  
Caterpillar electronic engine controls  
Teleflex Sea- Star hydraulic (w/ two-engine powerassist)  
Wesmar 25-hp hydraulic bow and stern thrusters  
Naiad Marine stabilizers  
Maxwell HWC 3500 hydraulic windlass  
Exalto windshield wipers  
Raymarine electronics  
port and starboard boarding gates  
fiberglass hardtop  
flying-bridge wet bar w/ Gaggenau BBQ, sink, and Norcold 'fridge/ice maker  
2/Pompanette Platinum-Series helm chairs (upper and lower stations)  
Optiflame electric fireplace  
cherry- andholly sole





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## BOATS

### BOAT TESTS

## Smooth Operator

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

Price as Tested: \$2,495,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (imp/gal)	sm range	nm range	decibels	trim (degrees)
800	9.1 (7.9)	5.4	1.88 (1.48)	3,017	2,623	63	0.5
900	10.2 (8.8)	8.6	1.18 (1.03)	2,124	1,848	63	0.5
1000	11.3 (9.8)	11.8	0.95 (0.83)	1,716	1,492	66	0.5
1250	13.1 (11.3)	21.0	0.62 (0.54)	1,119	973	64	1.0
1500	14.1 (12.2)	37.6	0.37 (0.32)	673	585	66	2.0
1750	16.3 (14.2)	60.4	0.27 (0.23)	486	422	69	3.5
2000	20.6 (17.9)	81.0	0.25 (0.22)	457	397	73	4.0
2200	23.0 (20.0)	96.8	0.24 (0.21)	428	372	76	4.5

**PROPULSION:** 2/873-hp Caterpillar C-18; ZF500 1-A marine gears w/ 2.68:1 ratio; 48x38 4-blade Nibral Hung Sheu props

**CONDITIONS:** temperature: 85°F; humidity 88%; wind: 5-10 mph; seas: 1-2 feet; load: 600 gal. fuel, 300 gal. water, 3 people, 1,200 lbs. of gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar digital fuel-flow readouts. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB-A is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Kabola heating system, satellite TV, and custom, retractable boarding ladder

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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 50 Flybridge Yacht

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking Sport Cruisers

**LOA:** 50'5"

**Model:** Flybridge Yacht

**Beam:** 15'3"

**Model Year:** 2009

**Draft:** 4'2"

**Boat Type:** Cruiser

**Weight:** 41,890 lbs.

**Cabins** 1 master, 2 guest

**Standard Power:** 2/670-hp Volvo Penta D11-670s

**Optional Power:** 2/715-mhp Caterpillar C12 ACERTs

**Fuel Capacity:** 600

**Water Capacity:** 155

#### STANDARD EQUIPMENT

2/670-hp Volvo Penta D11-670 diesel inboards  
Trend Marine opening ports w/ screens  
FRP radar arch  
Side-Power electric bow thruster  
SteeringPower electro-hydraulic steering  
Volvo Penta electronic engine controls  
Raymarine electronics package (depthsounder, speed/distance log, autopilot)  
ACR spotlight  
2/Icom VHF's  
Avonite countertops  
Neff 4-burner cooktop  
Waco refrigerator-freezer  
Sharp convec-tion/microwave oven  
leather upholstery  
innerspring mattresses (master and VIP)





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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 50 Flybridge Yacht

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Transmission/Ratio:** ZF 305-2A marine gears w/ 1.76:1 ratio

**Props:** 26x35 4-blade Veem nibral props

### The Numbers

rpm	mph (knots)	gph	mpg (rmpg)	sm range	nm range	decibels	
1000	1250	1500	1750	2000	2150	2250	2350
12.1 (10.5)	13.4 (11.6)	14.8 (12.8)	20.4 (17.7)	28.6 (24.9)	32.0 (27.8)	34.3 (29.8)	36.3 (31.6)
7.4	14.2	20.6	29.6	41.0	48.4	58.2	71.2
1.64 (1.42)	0.94 (0.82)	0.72 (0.62)	0.69 (0.60)	0.70 (0.61)	0.66 (0.57)	0.59 (0.51)	0.51 (0.44)
883	508	387	372	377	357	318	275
768	441	336	324	328	310	277	239
72	68	71	72	74	75	76	77
1.0	2.5	4.5	5.0	6.0	4.5	4.0	4.0

### OPTIONAL EQUIPMENT ON TEST BOAT

Furuno NavNet GPS radar/chartplotter w/ repeater display at upper and lower helms

Splendide combo washer/dryer

entertainment package (including Bose Home Theatre System)

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## BOATS

### BOAT TESTS

## Newport 71 SS4

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Newport

**LOA:** 71'11"

**Model:** 71 SS4

**Beam:** 17'6"

**Model Year:** 2009

**Draft:** 4'4"

**Boat Type:** Cruiser

**Weight:** 74,000 lbs. (half load)

**Standard Power:** 4/435-hp Volvo Penta IPS 600 diesels

**Fuel Capacity:** 1,200

**Water Capacity:** 300

#### STANDARD EQUIPMENT

Volvo Penta electronic controls

GE appliances: microwave/convection oven, dishwasher, trash compactor, Space-maker stacked washer and dryer 4/Sub-Zero (2/freezer, 2/fridge) under-counter drawer-type units

Raymarine electronics package w/ 10" E120 multifunction display, ST7002 autopilot, VHF

teak decking on cockpit sole and swim platform

Maxwell windlass

80-lb. s/s self-stowing anchor w/ 250-ft. high-tensile galvanized chain

LED deck lights

sunlounge pads on foredeck

aft deck wet bar w/ Gaggeneau grill

Toshiba LCD TVs in all staterooms

radar arch

2/Glendinning Cablemasters w/ 2/75-ft. 50-amp shore-power cords

Groco sea strainers

dual chrome-plated horn

20-kW Northern Lights genset w/ soundshield





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## BOATS

### BOAT TESTS

## Newport 71 SS4

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 4/435-hp Volvo Penta IPS 600 diesel pod drives

**Transmission/Ratio:** Volvo Penta marine gears w/ 1.82:1 reduction

**Props:** 4/Volvo Penta T2 propsets

**Price as Tested:** \$3,139,895

### The Numbers

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibel	trim (degrees)
1000	1500	2000	2500	3000	3250	3500	3610
8.4 (7.3)	11.2 (9.7)	15.3 (13.3)	19.3 (16.8)	27.2 (23.6)	30.5 (26.5)	33.0 (28.7)	35.0 (30.4)
3.2	7.8	21.0	37.0	56.0	70.0	82.0	88.0
2.63 (2.28)	1.43 (1.24)	0.73 (0.63)	0.52 (0.45)	0.48 (0.42)	0.44 (0.38)	0.40 (0.35)	0.40 (0.35)
2,835	1,544	787	563	524	471	435	430
2,464	1,342	684	490	455	409	378	374
63	64	65	69	76	78	79	79
0.5	0.5	2.0	3.0	3.0	3.5	3.0	3.0

### OPTIONAL EQUIPMENT ON TEST BOAT

electrically retractable sunroof  
hydraulic swim platform w/ tender lift  
tender/PWC garage  
aft deck engine controls  
5/Aqualuma underwater lights  
crew cabin  
upgrade saloon sole to cherrywood  
Awlcraft colored hull paint  
interior fabric upgrade  
2/swing-out bar stools



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## BOATS

### BOAT TESTS

## Hatteras 77 Enclosed Bridge Convertible

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Hatteras

**LOA:** 77'0"

**Model:** 77 Enclosed Bridge Convertible

**Beam:** 22'0"

**Model Year:** 2009

**Draft:** 5'3"

**Boat Type:** Cruiser

**Weight:** 175,000 lbs. (full load)

**Cabin** 1 master, 4 guest

**Standard Power:** 2/1,800-bhp Caterpillar C-32s

**Optional Power:** 3/1,800-bhp Cat C-32 ACERTs;  
2/2,400-hp MTUs 16V-2000s

**Fuel Capacity:** 2,900 gal.

**Water Capacity:** 380 gal.

#### STANDARD EQUIPMENT

2/1,800-bhp Caterpillar C-32s

Cat electronic engine controls

choice of satin or high-gloss cherry, African mahogany, or maple veneer for bulkheads





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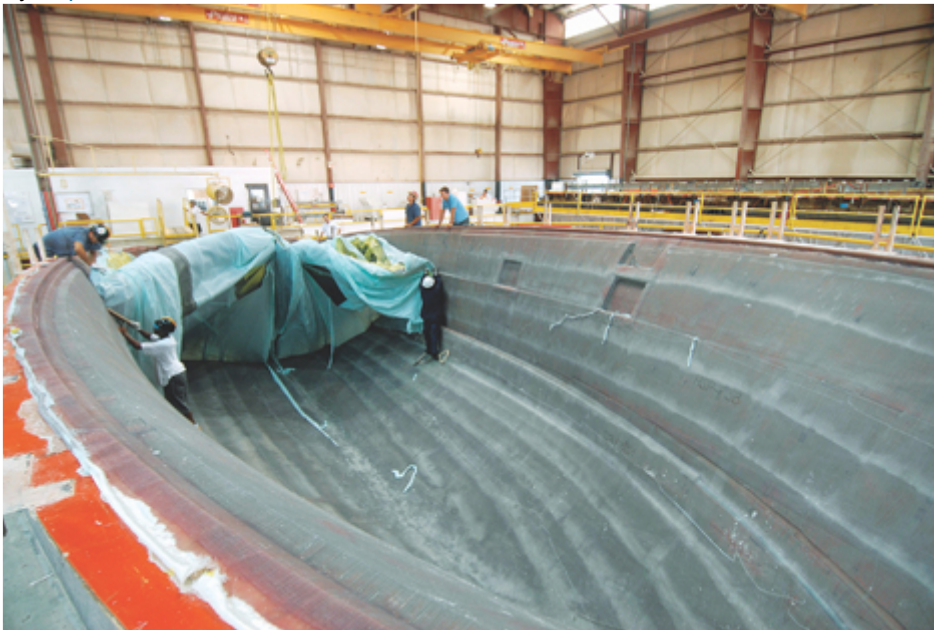
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## BOATS

### BOAT TESTS

## Hatteras 77 Enclosed Bridge Convertible

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Props:** 3/1,800-bhp Caterpillar C-32 ACERT diesels, ZF marine gears w/ 3.5: 1 ratio, 45x81 6-blade Nibral props

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nm/gal)	sm range	nm range	decibels	trim (degrees)
1000	11.4 (9.9)	41.7	0.27 (0.24)	714	620	75	1.5
1250	14.5 (12.6)	85.0	0.17 (0.15)	445	387	78	4.5
1500	24.6 (21.4)	108.8	0.23 (0.20)	590	513	82	4.0
1750	30.9 (26.8)	148.9	0.21 (0.18)	541	470	82	5.0
2000	35.7 (31.0)	200.9	0.18 (0.15)	464	403	83	6.0
2250	37.6 (32.7)	249.0	0.15 (0.13)	394	343	83	6.0
2329	41.5 (36.1)	278.2	0.15 (0.13)	389	339	86	5.5

**PROPULSION:** 3/1,800-bhp Caterpillar C-32 ACERT diesels, ZF marine gears w/ 3.5: 1 ratio, 45x81 6-blade Nibral props

**CONDITIONS:** temperature 70°F; humidity 90%; wind 15-20 mph; seas 1'; load: 2,192 gal. fuel, 312 gal. water, 4 people, 1,000 lbs. gear.

Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Cat electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Altura 840

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Ferretti

**LOA:** 84'2"

**Model:** Altura 840

**Beam:** 20'1"

**Model Year:** 2009

**Draft:** 6'3"

**Boat Type:** Cruiser

**Weight:** (dry) 146,960 lbs.

**Cabins** 1 master, 3 guest, 2 crew

**Standard Power:** 2/1,823-hp MTU 12V 2000s

**Optional Power:** none

**Fuel Capacity:** 1,849 gal.

**Water Capacity:** 412 gal.



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## BOATS

### BOAT TESTS

## Altura 840

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,823-hp MTU 12V 2000 M93 diesel inboards; ZF 2060A marine gears w/ 2.467:1 ratio; 41x47 five-blade Nibral props

**Price as Tested:** upon request

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nm/gal)	sm range	nm range	decibels	trim (degrees)
1000	11.7 (10.2)	17.7	0.66 (0.58)	1,098	965	73	NA
1250	13.7 (11.9)	34.6	0.40 (0.34)	666	566	73	NA
1500	16.4 (14.3)	61.8	0.26 (0.23)	433	383	73	NA
1750	20.7 (18.0)	89.0	0.23 (0.20)	383	383	76	NA
2000	27.0 (18.0)	127.9	0.21 (0.18)	349	299	78	NA
2250	31.7 (27.6)	159.6	0.20 (0.17)	333	283	80	NA
2450	34.6 (30.1)	175.4	0.20 (0.17)	333	283	82	NA

**PROPELSION:** 2/1,823-hp MTU 12V 2000 M93 diesel inboards; ZF 2060A marine gears w/ 2.467:1 ratio; 41x47 five-blade Nibral props

**CONDITIONS:** temperature: 61°F; humidity 71%; seas: 3'; load: 500 gal. fuel, 185 gal. water, 7 persons, no gear. Speeds are two-way averages measured with GPS. GPH from MTU fuel computers. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65dB-a is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Eastport 32

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Eastport

**LOA:** 32'6"

**Model:**

**Beam:** 11'6"

**Model Year:** 2009

**Draft:** 1'5"

**Boat Type:** Cruiser

**Weight:** 9,500 lbs. (dry)

**Cabins** 1 V-berth

**Standard Power:** 2/190-hp Volvo Penta D3s

**Optional Power:** 2/260-hp Volvo Penta D4 diesel inboards w/ electronic controls; 2/260-hp Yanmar 6BY diesel inboards w/ electronic controls; 2/220-hp Cummins QSD2.8 diesel inboards w/ electronic controls

**Fuel Capacity:** 170 gal.



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## BOATS

### BOAT TESTS

## Eastport 32

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/190-hp Volvo Penta D3 diesel inboards; ZF marine gears w/ 2.81:1 reduction; 19x24 Acme 4-blade nibrals props

**Price as Tested:** \$340,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (n/imp)	sm range	nm range	decibels	trim (degrees)
1000	6.6 (5.7)	0.4	16.50 (14.35)	2,525	2,195	68	0.0
1500	9.2 (8.0)	1.4	6.57 (6.57)	1,005	874	72	0.5
2000	13.0 (11.3)	3.8	3.42 (3.42)	523	455	79	2.5
2500	18.4 (26.0)	6.2	2.97 (2.97)	454	395	83	3.5
3000	24.3 (21.1)	10.0	2.43 (2.58)	371	323	84	4.0
3500	29.1 (25.3)	14.8	1.96 (1.71)	300	261	89	4.0
3900	33.5 (29.0)	20.0	1.67 (1.45)	255	222	93	3.5

**PROPULSION:** 2/190-hp Volvo Penta D3 diesel inboards; ZF marine gears w/ 2.81:1 reduction; 19x24 Acme 4-blade nibrals props

**CONDITIONS:** temperature: 82°F; humidity 20%; wind: 0-5 mph; seas: 0'-2'; load: 120 gal. fuel, 35 gal. water, 3 persons, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH take via Volvo Penta fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Electronics package w/ Raymarine ST 6002 autopilot, Garmin GPSMap 5212 display, Icom IC-304 VHF upgraded sound system  
Isinglass enclosure





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## BOATS

### BOAT TESTS

## Pacific Mariner 85

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Westport

**LOA:** 85' 8"

**Model:** Pacific Mariner 85

**Beam:** 21'3"

**Model Year:** 2009

**Draft:** 5'0"

**Boat Type:** Cruiser

**Weight:** 125,000 lbs. (dry)

**Cabins** 1 master, 3 guests

**Standard Power:** 2/1,500-hp MTU 10V 2000s

**Optional Power:** none

**Fuel Capacity:** 2,325 gal.

**Water Capacity:** 425 gal.



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## BOATS

### BOAT TESTS

## Pacific Mariner 85

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,500-hp MTU 10V 2000 diesel inboards; ZF 2050-A marine gears w/ 2:1 ratio; 36x35.5 Hung Shen Nibral 5-blade C&C machined S-Class props

**Price as Tested:** \$5,995,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels	trim (degrees)
1000	11.6 (10.1)	14.0	0.83 (0.72)	1,734	1,508	54	0.0
1200	13.9 (12.1)	22.0	0.63 (0.55)	1,322	1,150	55	1.0
1500	16.6 (14.4)	42.0	0.39 (0.34)	825	717	59	2.0
1750	20.0 (17.4)	70.0	0.29 (0.25)	598	520	59	2.5
2000	24.6 (21.3)	96.0	0.26 (0.22)	535	465	61	2.5
2250	27.2 (23.6)	128.0	0.21 (0.18)	444	386	62	3.0
2450	29.4 (25.5)	148.0	0.20 (0.17)	415	361	64	3.0

**PROPELSION:** 2/1,500-hp MTU 10V 2000 diesel inboards; ZF 2050-A marine gears w/ 2:1 ratio; 36x35.5 Hung Shen Nibral 5-blade C&C machined S-Class props  
**CONDITIONS:** temperature: 54°F; humidity 90%; wind: variable, light; seas: 1'; load: 1,400 gal. fuel, 400 gal. water, 3 persons, 600 lbs. gear. Speeds are two-way averages measured w/ GPS. GPH measured with MTU fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

none

This article originally appeared in the August 2009 issue of *Power & Motoryacht* magazine.



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## BOATS

### BOAT TESTS

## Viking 57 Convertible

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking

**LOA:** 57'10"

**Model:** 57 Convertible

**Beam:** 18'2"

**Model Year:** 2009

**Draft:** 4'11"

**Boat Type:** Sportfisherman

**Weight:** full load: 78,960 lbs

**Cabins** 1/master, 1/VIP

**Standard Power:** 2/1,360-mhp MAN V12s

**Optional Power:** 2/1,550-mhp MAN V12s

**Fuel Capacity:** 1,685 gal. (opt.)

**Water Capacity:** 240 gal.



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## BOATS

### BOAT TESTS

## Viking 57 Convertible

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,550-mhp MAN V12 1550CRMs; ZF 2050-A marine gears w/ 2.0:1 ratio; 5-blade Veem Interceptor props (diameter and pitch not available)

**Price as Tested:** \$2,619,447

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (city)	sm range	nm range	decibels	trim (degrees)
1000	13.3 (11.6)	24.0	0.55 (0.48)	840	731	79	3.0
1250	18.9 (16.4)	42.0	0.45 (0.39)	682	593	81	4.5
1500	26.0 (22.6)	60.0	0.43 (0.38)	656	570	84	4.5
1750	32.7 (28.4)	84.0	0.39 (0.34)	590	513	87	5.5
2000	40.2 (35.0)	116.0	0.35 (0.30)	526	457	91	4.5
2350	46.2 (40.1)	160.0	0.29 (0.25)	437	380	91	4.0

**PROPOSITION:** 2/1,550-mhp MAN V12 1550CRMs; ZF 2050-A marine gears w/ 2.0:1 ratio; 5-blade Veem Interceptor props (diameter and pitch not available)  
**CONDITIONS:** temperature: 81°F; humidity: 67%; wind: 4-6 mph; seas: calm; load: 1,133 gal. fuel, 240 gal. water, 3 persons, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via MAN fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB-A is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Atlantic Marine electronics package  
 Palm Beach Towers convertible tower  
 ZF joystick control system  
 Giallitta granite galley countertop  
 dual-engine power steering  
 Side-Power bow thruster



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## BOATS

### BOAT TESTS

## Sea Spirit 60 Passagemaker

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Spirit

**LOA:** 63'3"

**Model:** 60 Passagemaker

**Beam:** 17'2"

**Model Year:** 1995

**Draft:** 4'11"

**Boat Type:** Trawler

**Weight:** 83,725 lbs. (dry)

**Cabins** 1 master, 2/guest

**Standard Power:** 1/340-bhp Lugger diesel

**Optional Power:** Various diesel inboards from Caterpillar, Cummins-MerCruiser, John Deere, etc.

**Fuel Capacity:** 2,060 gal.

**Water Capacity:** 400 gal.

#### STANDARD EQUIPMENT

1/340-bhp Lugger diesel

Teleflex Sea Star hydraulic steering w/ engine-driven power assist

ZF 9000 electronic controls

Maxwell VRC-3500 windlass

Side Power 16-hp SP-240 bow thruster and 20-hp SP-285 stern thruster

GE galley appliances, including convection wall oven, CleanDesign cooktop, microwave oven, upright refrigerator, and range hood

Miele dishwasher



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## BOATS

### BOAT TESTS

## Sea Spirit 60 Passagemaker

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Props:** 1/340-bhp Lugger L1276-A2 diesel inboard; Twin Disc MG5091 SC marine gear w/ 2.0:1 reduction; 31.5x25.5 4-blade Nibral ZF prop

**Price as Tested:** \$1,800,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (gallons)	sm range	nm range	decibels	trim (degrees)
750	6.2 (5.3)	1.3	4.73 (4.11)	8,962	7,793	51	0.0
1000	6.7 (5.8)	2.4	3.67 (3.19)	6,947	6,040	53	-0.3
1250	10.4 (9.0)	4.0	2.60 (2.26)	4,926	4,283	57	-0.3
1500	12.2 (10.6)	8.5	1.44 (1.25)	2,719	2,364	60	-0.3
1750	13.1 (11.3)	12.5	1.04 (0.91)	1,978	1,720	64	0.0
1800	13.6 (11.8)	15.7	0.87 (0.75)	1,641	1,427	70	0.5

**PROPELSION:** 1/340-bhp Lugger L1276-A2 diesel inboard; Twin Disc MG5091 SC marine gear w/ 2.0:1 reduction; 31.5x25.5 4-blade Nibral ZF prop

**CONDITIONS:** 81°F; humidity: 58%; wind: 15-20 mph; seas: 2'-3'; load: 450 gal. fuel, 320 gal. water, 4 persons, 1,500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Lugger fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Granite countertops  
additional 16-kW Northern Lights genset



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## BOATS

### BOAT TESTS

## Regulator 34 SS

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Regulator	<b>LOA:</b> 38'6"
<b>Model:</b> 34 SS	<b>Beam:</b> 10'11"
<b>Model Year:</b> 2009	<b>Draft:</b> 2'7"
<b>Boat Type:</b> Cruiser	<b>Weight:</b> 12,759 lbs.
<b>Cabins</b>	<b>Standard Power:</b> 2/350-hp Yamaha f350s
	<b>Optional Power:</b> none
	<b>Fuel Capacity:</b> 380 gal.
	<b>Water Capacity:</b> 35 gal.

#### STANDARD EQUIPMENT

2/350-hp Yamaha F350 four-stroke gasoline outboards  
Teleflex SeaStar hydraulic w/ power-assist steering  
Yamaha Command Link digital electronic controls  
Ritchie Powerdamp compass  
Edson wheel w/ PowerKnob  
Taylor Made Systems Console Curve tempered-glass windshield  
Garelick seating w/ footrest, sink, baitwell, cutting board, and tackle drawer  
folding rear seat  
VacuFlush MSD w/ 6-gal. holding tank



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## BOATS

### BOAT TESTS

## Regulator 34 SS

By Capt. Bill Pike



### TEST BOAT SPECIFICATIONS

**Props:** 2/350-hp Yamaha F350 four-stroke gasoline outboards; marine gear w/ 1.73:1 ratio; 15x21 Yamaha 3-blade s/s props

**Price as Tested:** \$266,545

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels	trim (deg ups)
1000	7.4 (6.4)	2.8	2.64 (2.30)	904	786	66	1.0
2000	11.8 (10.3)	9.3	1.27 (1.10)	434	377	74	4.0
3000	24.1 (21.0)	17.4	1.39 (1.20)	474	412	83	5.0
4000	36.4 (31.6)	27.0	1.35 (1.17)	460	400	88	4.0
5000	45.5 (39.5)	39.0	1.17 (1.01)	399	347	88	3.0
5500	50.7 (44.1)	50.3	1.01 (0.88)	345	300	89	2.5
6000	58.1 (50.5)	70.0	0.83 (0.72)	284	247	90	2.5

**PROPULSION:** 2/350-hp Yamaha F350 four-stroke gasoline outboards; marine gear w/ 1.73:1 ratio; 15x21 Yamaha 3-blade s/s props

**CONDITIONS:** temperature: 39°F; humidity: 88%; wind: 7-14 mph; seas: 2'-3'; load: 60 lb. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Yamaha fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Armstrong bracket

5-hp Vetus bow thruster

MarvAir SeaMach 5,000-Btu A/C system

Indel Isotherm flush-mount s/s refrigerator

Contoure microwave oven; Albemarle Top Shop three-sided enclosure

T-top w/ hull-colormatched underside (above), aluminum tube construction by Ashley Welding, electronics box, Lee Sidewinder outriggers, and molded-in spreader lights



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## BOATS

### BOAT TESTS

## Altima 45 Euro Sedan

By [photos by Elliot J. Schechter](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Altima	<b>LOA:</b> 48'0"
<b>Model:</b>	<b>Beam:</b> 15'0"
<b>Model Year:</b> 2009	<b>Draft:</b> 3'11"
<b>Boat Type:</b> Other...	<b>Weight:</b> (dry) 39,000 lbs.
<b>Cabins</b> 1 master, 1 guest	<b>Standard Power:</b> 2/380-mhp Cummins QSB5.9s
	<b>Optional Power:</b> 2/425-mhp or 2/500-mhp Cummins QSB5.9 diesel inboards
	<b>Fuel Capacity:</b> 625 gal.
	<b>Water Capacity:</b> 250 gal.

#### STANDARD EQUIPMENT

Teleflex SeaStar hydraulic steering w/ power-assist  
Cummins single-lever electronic controls  
s/s CQR anchor w/ 200 ft. chain  
Lewmar windlass  
teak-and-holly sole  
42,000-Btu Marine Air A/C  
satin-finish cherry or teak veneer for bulkheads and cabinets



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## BOATS

### BOAT TESTS

## Altima 45 Euro Sedan

By [photos by Elliot J. Schechter](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/425-mhp Cummins QSB5.9 diesel inboards, ZF 85A marine gears w/ 2.5:1 reduction, 26x25 four-blade nibral props

**Price as Tested:** \$792,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (naut)	sm range	nm range	decibels	trim (degrees)
1000	8.3 (7.2)	2.4	3.44 (3.00)	1,934	1,688	64	0.5
1250	9.5 (8.3)	3.4	2.79 (2.43)	1,572	1,367	65	0.5
1500	10.7 (9.3)	6.0	1.78 (1.54)	998	868	67	1.5
1750	12.0 (10.4)	9.4	1.27 (1.11)	715	622	68	2.5
2000	14.0 (12.1)	15.2	0.92 (0.80)	516	449	71	4.0
2250	14.7 (12.8)	22.6	0.65 (0.57)	366	318	72	5.0
2500	16.8 (14.6)	30.4	0.55 (0.48)	311	270	75	5.0
2800	22.1 (19.2)	42.0	0.53 (0.46)	295	257	77	5.0

**PROVISIONS:** 2/425-mhp Cummins QSB5.9 diesel inboards, ZF 85A marine gears w/ 2.5:1 reduction, 26x25 four-blade nibral props  
**CONDITIONS:** temperature: 80°F; humidity: 60%; wind 10-15 mph; seas: 2' to 3' load: 350 gal. fuel, 125 gal. water, 2 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft fuel-monitoring system. Range 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Ocean Alexander 60

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Ocean Alexander

**LOA:** 59'6"

**Model:** 60 Classico Extended Range Cruiser

**Beam:** 16'9"

**Model Year:** 2009

**Draft:** 4'7"

**Boat Type:** Cruiser

**Weight:** 62,000 lbs. (dry)

**Cabins** 1 master, 1 guest

**Standard Power:** 1/300-hp John Deere

**Fuel Capacity:** 1,400 gal.

**Water Capacity:** 300 gal.

#### STANDARD EQUIPMENT

1/300-hp John Deere 6081AFM  
Teleflex Hynautic hydraulic steering  
Glendinning electronic controls  
Side-Power 13-hp electric bow thruster  
Muir Cheetah electric windlass  
Steelhead hydraulic davit  
Sunbrella exterior cushions  
2/Diamond Sea-Glaze Dutch doors in pilothouse  
standard Diamond Sea-Glaze door in saloon



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## BOATS

### BOAT TESTS

## Ocean Alexander 60

By Capt. Bill Pike



### TEST BOAT SPECIFICATIONS

**Props:** 2/455-hp Caterpillar C7 diesel inboards; ZF286A marine gears w/ 2.5:1 reduction; 33x22½ 4-blade Hung Shen nibral props

**Price as Tested:** \$1,610,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decib
700	5.2 (4.5)	1.5	3.43 (2.99)	4,790	4,165	6
1000	7.4 (6.4)	3.1	2.37 (2.06)	3,308	2,876	6
1500	9.8 (8.5)	8.7	1.13 (0.98)	1,571	1,366	6
2000	11.1 (9.6)	18.7	0.59 (0.51)	824	717	6
2500	11.9 (10.3)	40.3	0.29 (0.26)	410	357	7
2630	12.2 (10.6)	47.9	0.25 (0.22)	354	308	7

**PROPULSION:** 2/455-hp Caterpillar C7 diesel inboards; ZF286A marine gears w/ 2.5:1 reduction; 33x22½ 4-bl props

**CONDITIONS:** temperature: 82°F; humidity: 72%; wind: 5-10 mph; seas: calm; load: 475 gal. fuel, 200 gal. lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Caterpillar fuel-mon 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## American Tug 49

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** American Tug

**LOA:** 53'2"

**Model:** 49

**Beam:** 15'10"

**Model Year:** 2009

**Draft:** 4'10"

**Boat Type:** Cruiser

**Weight:** 36,000 lbs. (wet)

**Cabins** 1 master, 2 guest

**Standard Power:** 1/575-hp Volvo Penta D9

**Optional Power:** upon request

**Fuel Capacity:** 800 gal

**Water Capacity:** 210 gal

#### STANDARD EQUIPMENT

Volvo Penta electronic controls

SeaStar hydraulic steering

Princess 3-burner propane cooktop and wall oven w/ magnetic sensor shutoffs and sniffer



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## BOATS

### BOAT TESTS

## American Tug 49

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Props:** 1/575-hp Volvo Penta D9 diesel inboard, Twin Disc M95075A marine gear w/ 2.5:1 reduction, 32.5x31.5 5-blade Hung Shen nibral prop

**Price as Tested:** \$1,039,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels
1000	8.1 (7.0)					
1250	9.7 (8.4)	2.1	3.83 (3.33)	2,760	2,400	6
1500	11.1 (9.6)	3.6	2.69 (2.34)	1,940	1,687	6
1750	12.6 (11.0)	6.9	1.60 (1.39)	1,153	1,003	6
2000	14.6 (12.7)	10.5	1.20 (1.04)	864	751	6
2250	18.0 (15.6)	14.8	0.99 (0.86)	710	618	6
2520	22.2	20.0	0.90 (0.78)	646	562	7

**PROPULSION:** 1/575-hp Volvo Penta D9 diesel inboard, Twin Disc M95075A marine gear w/ 2.5:1 reduction, Hung Shen nibral prop

**CONDITIONS:** temperature: 53°F humidity: 42%; wind: 0-5 mph; seas: calm; load: 400 gal. fuel, 160 gal. water, 150 lbs. gear. Speeds are two-way averages measured w/ Garmin GPS. GPH taken via Volvo Penta fuel-monitoring system. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Nordhavn 75

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Nordhavn	<b>LOA:</b> 74'5"
<b>Model:</b> Nordhavn 75 Expedition Yachtfisher	<b>Beam:</b> 22'4"
<b>Model Year:</b> 2009	<b>Draft:</b> 6'6"
<b>Boat Type:</b> Sportfisherman	<b>Weight:</b> 185,447 lbs. (dry)
<b>Cabins</b> 1 master; 2 or 3 guest	<b>Standard Power:</b> 2/740-bhp MTU Series 60s
	<b>Optional Power:</b> none
	<b>Fuel Capacity:</b> 4,300 gallons
	<b>Water Capacity:</b> 600 gallons

#### STANDARD EQUIPMENT

Kobelt power-assisted hydraulic steering  
5/MTU dual-lever electronic controls  
40-kW and 21.5-kW Onan gensets  
American Bow Thruster hydraulic system: Trac stabilizers, 2/Maxwell 4500 windlasses (right), 38-hp bow and stern thrusters, 180-gpm anchor wash/firehose and emergency bilge pumps  
2,000-gpd Village Marine watermaker  
Brownie's YachtPro 35 dive compressor  
10-ton Cruisair chilled-water A/C  
2/Racor 75-900 duplex fuel-water separators



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## BOATS

### BOAT TESTS

## Nordhavn 75

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/740-bhp MTU Series 60 diesel inboards; Twin Disc MG-5114M/3.43:1 gears; 42x40 4-blade nibral props

**Price as Tested:** \$4.45 million

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (avg)	sm range	nm range	decibels	trim (degrees)
1000	7.8 (6.6)	7.0	1.09 (0.94)	4,202	3,654	62	0.3
1250	9.1 (7.9)	12.0	0.75 (0.66)	2,919	2,538	62	0.3
1500	10.6 (9.2)	20.0	0.53 (0.46)	2,051	1,784	62	0.5
1750	11.9 (10.3)	32.0	0.37 (0.32)	1,433	1,246	62	0.5
2000	13.0 (11.3)	48.0	0.27 (0.23)	1,044	908	66	0.5
2310	13.8 (12.0)	82.0	0.17 (0.15)	651	566	74	0.7

**PROPULSION:** 2/740-bhp MTU Series 60 diesel inboards; Twin Disc MG-5114M/3.43:1 gears; 42x40 4-blade nibral props  
**CONDITIONS:** temperature: 71°F; humidity: 66%; wind 5 mph; seas 1'; load: 1,000 gal. fuel, 3,000 gal. water, 150 gal., 9 people, 1,000 lbs. gear; Speeds are two-way averages using GPS. GPH taken from MTU electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Riva 92 Duchessa

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riva

**LOA:** 92'7"

**Model:** 92 Duchessa

**Beam:** 22'2"

**Model Year:** 2009

**Draft:** 6'7"

**Boat Type:** Megayacht (> 80')

**Weight:** 181,881 lbs (dry)

**Cabins** master, 3 guest, 3 crew

**Standard Power:** 2/2,218-hp MTU 16V-2000s

**Optional Power:** none

**Fuel Capacity:** 2,378 gallons

**Water Capacity:** 349 gallons

#### STANDARD EQUIPMENT

ZF electronic controls

BCS electro-hydraulic steering

2/198-lb. polished stainless steel anchors w/ 394-ft. chain

2/3.5-kW Quick bow windlasses: 2/1.5-kW stern windlasses

58-hp American Bow Thruster hydraulic bow thruster

teak decks

11'6" Besenconi electro-hydraulic passerelle

Naviop systems management

Masters system monitors

Diesel Center bespoke engine monitors

Simrad AP28 autopilot, depth, log

Furuno radar, GPS/plotter, SSB

Simrad VHF

ZF electronic engine controls

Gaggenau fridge/freezer, Miele oven, dishwasher and 6-burner ceramic cooktop

Miele washer and dryer



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## BOATS

### BOAT TESTS

## Riva 92 Duchessa

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/2,218-hp MTU 16V 2000 M92 diesel inboards, 46.5x45 5-blade nibrals props, ZF 3060V 2.75:1

**Price as Tested:** Not available

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (naut)	sm range	nm range	decibels	trim (degrees)
600	8.1 (7.0)	6.9	1.17 (0.98)	2,504	2,097	62	0.0
1000	12.0 (10.4)	21.4	0.56 (0.49)	1,198	1,049	63	0.0
1250	14.5 (12.6)	37.5	0.39 (0.34)	835	728	67	1.0
1500	16.6 (14.4)	80.0	0.21 (0.18)	449	385	68	2.0
1750	19.7 (17.1)	115.2	0.17 (0.15)	364	321	72	3.5
2000	24.4 (21.2)	168.0	0.14 (0.13)	300	278	70	4.0
2250	29.2 (25.4)	226.1	0.13 (0.11)	278	235	73	4.0
2375	31.6 (27.5)	245.4	0.13 (0.11)	278	235	76	4.0

**PROPULSION:** 2/2,218-hp MTU 16V 2000 M92 diesel inboards, 46.5x45 5-blade nibrals props, ZF 3060V 2.75:1  
**CONDITIONS:** temperature: 54°F; humidity: 48%; wind: 5-10 mph; seas: 1' to 2'; load: 1,450 gal. fuel, 349 gal. water, 6 persons, 900 lbs. gear. Speeds are two-way averages measured w/ GPS. GPH measured with MTU electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Azimut 82

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Azimut

**LOA:** 84'3"

**Model:** Azimut 82

**Beam:** 20'4"

**Model Year:** 2009

**Draft:** 5'8"

**Boat Type:** Megayacht (> 80')

**Weight:** 75 tons

**Cabins:** master, VIP, 2/guest, 2/crew

**Standard Power:** 2/1,675-mph CAT C32s

**Optional Power:** None

**Fuel Capacity:** 1,849 gallons

**Water Capacity:** 356 gallons

#### STANDARD EQUIPMENT

CAT electronic controls  
hydraulic swim platform  
passerelle  
teak decks  
side boarding gates  
two watertight side access doors  
chain wash  
C-shape foredeck sofa and table  
42" hi-lo plasma saloon TV  
wine cooler  
dishwasher



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## BOATS

### BOAT TESTS

## Azimut 82

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,675-mhp Caterpillar C32 diesel inboards, ZF 2060 gears w/ 2.567:1 reduction, 49.6x39.4 5-blade nibrals

**Price as Tested:** Not available

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmi/gal)	sm range	nm range	decibels	trim (degrees)
1000	12.2 (10.6)	21.4	0.57 (0.50)	949	825	68	0.5
1250	13.7 (11.9)	39.6	0.35 (0.30)	576	501	70	1.5
1500	17.2 (15.0)	66.6	0.26 (0.22)	430	374	71	2.5
1750	22.5 (19.5)	90.8	0.25 (0.21)	411	358	73	3.0
2000	28.3 (24.6)	127.4	0.22 (0.19)	369	321	68	3.5
2310	32.3 (28.1)	176.4	1.18 (0.16)	305	265	70	3.0

**PROPULSION:** 2/1,675-mhp Caterpillar C32 diesel inboards, ZF 2060 gears w/ 2.567:1 reduction, 49.6x39.4 5-blade nibrals  
**CONDITIONS:** temperature: 69°F; humidity: 55%; wind: 5 mph; seas: 1'; load: 790 gal. fuel, 350 gal. water, 125 gal., 5 people, 1,000 lbs gear.  
 Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from CAT electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Tiara 4800 Convertible

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Tiara

**LOA:** 48'5"

**Model:** 4800 Convertible

**Beam:** 15'11"

**Model Year:** 2009

**Draft:** 4'0"

**Boat Type:** Sportfisherman

**Weight:** (dry) 45,012 lbs.

**Cabins** 1 master, 1 guest

**Standard Power:** 2/885-mhp Caterpillars

**Optional Power:** 2/1,015-mhp Caterpillar C18 diesel inboards

**Fuel Capacity:** 1,000 gallons

**Water Capacity:** 150 gallons

#### STANDARD EQUIPMENT

SeaStar hydraulic steering w/ power assist  
Glendinning single-lever electronic controls  
13.5-kW Onan genset  
teak hardwood sole in saloon  
Bose Lifestyle 18 entertainment system  
20,000-Btu Marine Air A/C in saloon, 12,000-Btus in master, 14,000-Btus in side guest stateroom  
2/Release helm chairs  
Bennett recessed trim tabs  
4/Lee rod holders  
37" Sharp LCD TV in saloon  
2/Sub-Zero 'fridge and 2/Sub-Zero freezer drawers  
Kenyon 3-burner electric cooktop  
Sharp microwave/convection oven



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## BOATS

### BOAT TESTS

## Tiara 4800 Convertible

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,015-mhp Caterpillar C18 diesel inboards, 30x45 #6 cup four-blade Michigan props, ZF 2.00:1 gears

**Price as Tested:** \$1,551,440

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (imp)	sm range	nm range	decibels	trim (90/180s)
1000	12.6 (11.0)	20.0	0.63 (0.55)	567	495	79	NA
1250	15.7 (13.7)	30.0	0.52 (0.46)	471	410	81	NA
1500	22.0 (19.1)	40.0	0.55 (0.48)	494	429	84	NA
1750	28.6 (24.9)	54.0	0.53 (0.46)	477	414	86	NA
2000	35.6 (30.9)	68.0	0.52 (0.45)	471	409	87	NA
2250	39.4 (34.3)	90.0	0.44 (0.38)	394	343	87	NA
2380	41.4 (36.0)	100	0.41 (0.36)	373	324	88	NA

**PROVISIONS:** 2/1,015-mhp Caterpillar C18 diesel inboards, 30x45 #6 cup four-blade Michigan props, ZF 2.00:1 gears  
**CONDITIONS:** temperature: 70°F; humidity: 65%; wind: 10 mph; seas: 1'; load: 500 gal. fuel, 30 gal. water, 6 people, 500 lbs. gear.  
 Speeds are two-way averages measured w/ Stalker radar gun. GPH measured with CAT electronic monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation. Trim angles were unavailable due to a broken inclinometer.



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## BOATS

### BOAT TESTS

## Jeanneau Prestige 50

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Jeanneau	<b>LOA:</b> 50'0"
<b>Model:</b> Prestige 50	<b>Beam:</b> 14'3"
<b>Model Year:</b> 2009	<b>Draft:</b> 3'9"
<b>Boat Type:</b> Cruiser	<b>Weight:</b> 32,055 lbs.
<b>Cabins</b> 1 master; 3 guest berths	<b>Standard Power:</b> 2/575-hp Volvo Penta D9s
	<b>Optional Power:</b> None
	<b>Fuel Capacity:</b> 436 gallons
	<b>Water Capacity:</b> 169 gallons

#### STANDARD EQUIPMENT

Lecomble & Schmitt hydraulic steering w/ power assist  
Volvo Penta electronic controls  
Lewmar windlass  
Max Power bow thruster  
Plastimo Offshore compass  
Volvo Penta instrumentation  
EuroKera Force 10 two-burner cooktop  
Vitrifigo refrigerator  
microwave oven



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## BOATS

### BOAT TESTS

## Jeanneau Prestige 50

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/575-hp Volvo Penta D9-575 diesel inboards, Twin Disc MG-5065A gears/1.72:1, 24.8"x31.7" 4-blade Radice nibral props

**Price as Tested:** \$933,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (est)	sm range	nm range	decibels	trim (degrees)
550	6.3 (5.5)						
1000	9.7 (8.4)	3.6	1.75 (1.52)	687	597	65	0.5
1500	13.5 (11.7)	6.4	1.52 (1.32)	595	517	71	0.1
2000	25.8 (22.4)	15.0	0.90 (0.78)	353	307	76	5.5
2200	29.7 (25.8)	29.6	0.87 (0.76)	341	297	77	5.5
2500	35.9 (31.2)	36.0	0.82 (0.72)	323	281	79	5.5
2570	36.6	56.0	0.64 (0.56)	251	218	81	4.5

**PROPULSION:** 2/575-hp Volvo Penta D9-575 diesel inboards, Twin Disc MG-5065A gears/1.72:1, 24.8"x31.7" 4-blade Radice nibral props

**CONDITIONS:** temperature: 80°F; humidity: 71%; wind: variable to light; seas: calm; load: 218 gal. fuel, 0 gal. water, 8 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH approximated from fuel curves supplied by Volvo Penta. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

# Sunseeker Manhattan 70

By [Capt. Grant Rafter](#)



## Boat Tests

### SPECIFICATIONS

<b>Builder:</b> Sunseeker	<b>LOA:</b> 73'0"
<b>Model:</b> Manhattan 70	<b>Beam:</b> 18'7"
<b>Model Year:</b> 2009	<b>Draft:</b> 5'4"
<b>Boat Type:</b> Cruiser	<b>Weight:</b> (1/2 load) 135,170 lbs.
<b>Cabins</b> 4 guest, 1 crew	<b>Standard Power:</b> 2/1,550-hp MAN V12s
	<b>Optional Power:</b> None
	<b>Fuel Capacity:</b> 1,229 gallons
	<b>Water Capacity:</b> 317 gallons

### STANDARD EQUIPMENT

Hynautic hydraulic steering w/ power assist  
MAN electronic controls  
s/s opening ports in master  
Lewmar electric warping winches and 24-v electric windlass  
Delta plow anchor  
hydraulic teak swim platform



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## BOATS

### BOAT TESTS

## Sunseeker Manhattan 70

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/1,550-hp MAN V12 diesel inboards; ZF/2.47:1 gears; 35x52 6-blade nibral props

**Price as Tested:** Upon request

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (l/100)	sm range	nm range	decibels	trim (degrees)
1000	11.6 (10.1)	22.8	0.51 (0.44)	563	489	66	2.0
1250	12.7 (11.0)	42.2	0.30 (0.26)	332	288	68	4.0
1500	21.1 (18.3)	60.8	0.35 (0.30)	383	333	68	3.5
1750	28.5 (24.7)	84.6	0.34 (0.29)	372	323	71	3.5
2000	33.7 (29.3)	118.8	0.28 (0.25)	314	273	75	3.5
2250	38.3 (33.3)	149.0	0.26 (0.22)	284	247	78	4.0
2500	40.6 (35.3)	169.0	0.24 (0.21)	265	231	79	3.0

**PROBATIONS:** 2/1,550-hp MAN V12 diesel inboards; ZF/2.47:1 gears; 35x52 6-blade nibral props

**CONDITIONS:** Temperature: 72°F; humidity: 51%; wind: 10-15 mph; seas: 0'-1'; load: 1,075 gal. fuel, 300 gal. water, 3 people, 600 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic displays. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

brushed s/s LED light bezels

Alpine speakers in cabins

92,000-Btu zone-controlled Dometic A/C

27- and 19-kW Kohler gensets

10-hp Side Power stern thruster

Sea Recovery Aquamatic watermaker



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## BOATS

### BOAT TESTS

## Platinum

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Benetti

**LOA:** 164'0"

**Model:**

**Beam:** 29'7"

**Model Year:** 2009

**Draft:** 7'11"

**Boat Type:** Megayacht (> 80')

**Weight:** (half load) 437 tons

**Cabins** 1 master, 2 VIP, 3 guest

**Standard Power:** 2/2,250-hp MTU V-12 396 inboards

**Construction** Steel hull and aluminum superstructure

**Fuel Capacity:** 21,133 gallons

**Classifications** ABS MCA LY2

**Water Capacity:** 3,170 gallons

**Genset** 1/155-kW and 1/115-kW Northern Lights

**Watermakers** 2/3,170-gpd HEMs

**Air conditioning** Condaria 720,000 BTUs

**Windlass** Muir

**Stabilizers** Quantum QC-1500P

**Exterior paint** Awlgrip

**Interior design** Benetti

This article originally appeared in the April 2009 issue of *Power & Motoryacht* magazine.



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## BOATS

### BOAT TESTS

## Platinum

By [Alan Harper](#)



### THE INFO

Similar, but different; familiar, yet unique. *Platinum* may be the latest in Benetti's Golden Bay series (Hull No. 8) but she is, of course, a totally custom build. It is only from the basic elements of her plan and profile that you can tell she is a member of the family. In every other respect she is absolutely her own mistress.

Launched last fall, she made her first public appearance at September's Cannes Boat Show and enjoyed the ultimate gratification of being the debutante who's the center of attention. She was the largest yacht there—by a considerable margin—and dominated the show's superyacht quay at the seaward side of the harbor with regal poise.

Built for an experienced owner and long-standing Benetti customer, *Platinum* was designed from the outset with the comfort of guests in mind. "A yacht should be luxurious, something which inspires you. Ordinary life is boring brown," he said. A superyacht holiday is arguably the ultimate holiday, and a guest on one has to feel ultra-special. Accordingly, the owner worked closely with Benetti's design team to create an interior that has more than a touch of the Palais de Versailles about it, with French-influenced detailing in the fine woodwork—mostly burr oak, tinted to different shades—the bolster-end sofas, and ruched curtains. Even the neo-classical table lamps have a touch of Sevres about them, and each of the guest bathrooms features a different Italian marble, including some rare, black Portoro and beautifully veined white Carrara.

The ultimate layer of luxury, though, has to be the sheer acreage of gold leaf: some 40,000 sheets, apparently, each individually applied by a craftsman. It is everywhere—highlighting the moldings around the deckhead panels, providing lustrous edging to the cabinetry, decorating the floor of the skylounge bar, and even providing a slightly delicate-looking surface for your drink on some of the side tables.

**Builder:** Benetti

**Year:** 2009

**Boat Type:** Megayacht (> 80')

**LOA:** 164'0"

**Beam:** 29'7"

**Draft:** 7'11"

**Standard Power:** 2/2,250-hp MTU V-12 396 inboards

"I wanted *Platinum* to feel special," confirmed her original owner, an architect and property magnate from Japan. "The gold leaf gives her a unique atmosphere; it is light but also warm."

All this sybaritic indulgence is not to suggest that the yacht feels old fashioned, however. Some of the chairs may look like they're straight out of the 17th century, but the styling of the joinery is completely up to date (just look at that curved desk in the owner's office), and the gloss-lacquered deckheads are a signature feature of the modern superyacht, producing a brighter ambiance and creating that illusion of extra height.

Having made the guests feel special, the designers turned their attention to making sure they had enough to eat. One of the great joys of superyachting is having an excellent chef on hand, and *Platinum* not only boasts a truly impressive galley on the main deck but there's also no shortage of places to dine. The main, 12-seat table in the middle of the main deck is perhaps the obvious choice, but if it's a nice evening, why not try the equally impressive, open-air dining table on the upper deck? For an alfresco lunch with an unbeatable view, there is the big eight-seater on the sundeck, and when you want to be closer to the water in a pretty anchorage, the cockpit table is equally comfortable. For a private breakfast in harbor, how about the semicircular dinette up forward, away from the curious gaze of passers-by? With so many options, the chief stewardess and her team might be kept busy chasing the guests around the boat, but that's sort of what guests are there for.

It's a similar story when it comes to relaxation. The main saloon is roomy and bright, with plenty of comfortable and sociably arranged seating, and a big plasma TV. The room is served by its own bar on the port side. Upstairs, there is a more private but still surprisingly spacious upper saloon, spanning the full width of the deck, with doors leading outside to the upper dining table, and its own big, inviting bar.

Sun worshippers will, of course, head further up, where those golden yellow cushions beckon, inviting everyone into the hot tub. There's another, more elevated sunbathing area aft, which has free-standing sunloungers and removeable railings to enable it also to serve as a touch-and-go helipad.

If lying motionless isn't your thing—or at least not while you're on holiday—the deck crew will be pleased to fire up the toys for you. *Platinum* has a big tender garage aft, which houses the six-meter Nautica RIB and its ancillary skis and wakeboards and also has room for kayaks and an extra personal watercraft. Up on the foredeck, shielded by the deep bulwarks, sit a couple of Yamaha GP 1300s PWCs and the rescue RIB, ready to be launched by the hydraulic crane.

And so to bed. *Platinum* can sleep as many as 14, although one of her double berths is a sofa bed in the owner's office, on the starboard side of the upper deck. With its big windows, semi-private access to the day head and showers compartment, and an elevated view, this actually makes a pretty good cabin. Down on the lower deck, arranged symmetrically around a central lobby, are two doubles and two twin-berth cabins, each upholstered in a different color and each with a different shade of marble in its ensuite head. The twin cabins each have a fold-down Pullman berth.

That's the main guest accommodation. On the other hand, accommodations for the main guest—that's the owner—are found in the huge master suite on the main deck. It spans the full width of the yacht, and has paired heads compartments either side of a large bath and shower room, as well as its own sauna. Enormous windows admit plenty of sunlight. There's a writing desk and an occasional table, plus a big central bed.

Building *Platinum* on a proven hull design with a fine, seakindly entry and plenty of waterline length meant that Benetti's engineers could afford to be pretty confident about range and performance with their chosen powerplants: twin 396-series MTU V-12s. These produce 2,250 hp apiece at a relatively relaxed 2100 rpm, and give the yacht a maximum speed of more than 17 knots, although she'll spend more time cruising at around 14 knots. Her range at 12.5 knots is an impressive 3,500 nautical miles.

*Platinum's* original owner, who saw her through the build process, also helped design her interior and worked with the shipyard on her detailed specification, has already parted company with his yacht. Soon after the Cannes boat show she was put on the market, and her new owner lost no time in making his move. It's hardly surprising, a brand-new Benetti seriously for sale. Back then such opportunities didn't come around that often.

*Platinum* may be a member of the Golden Bay family, but it's a notable family with an illustrious lineage. The care that has gone into her concept, fit-out, and finishing has endowed her with real individuality and character. She can justly claim to be unique, and can certainly offer a unique superyachting experience.

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## BOATS

### BOAT TESTS

## Rampage 34

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Rampage	<b>LOA:</b> 35'6"
<b>Model:</b> 34	<b>Beam:</b> 13'0"
<b>Model Year:</b> 2009	<b>Draft:</b> 2'5"
<b>Boat Type:</b> Sportfisherman	<b>Weight:</b> (3/4 load) 23,150 lbs.
<b>Cabin</b> 1 V-Berth	<b>Standard Power:</b> 2/370-mhp Volvo Penta IPS 500s
	<b>Optional Power:</b> 2/435-mhp Volvo Penta IPS 600s
	<b>Fuel Capacity:</b> 400 gallons
	<b>Water Capacity:</b> 60 gallons

#### STANDARD EQUIPMENT

Volvo Penta IPS electric steering  
Volvo Penta electronic controls/IPS joystick Edson wheel  
3/1mtra windshield wipers  
Nova Kool 'fridge  
EuroKera Princess cooktop  
Contoure microwave oven  
Tecma MSD  
50-amp Intelli-Power battery charger  
Perko sea strainers  
Separ 2000/10/D fuel-water separators  
6-gal. Kuuma water heater  
QL trim tabs  
Fireboy FE-241 auto. fire-extinguishing system  
6/G.G. Schmitt & Sons rod holders



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## BOATS

### BOAT TESTS

## Rampage 34

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Props:** 2/370-mhp Volvo Penta IPS 500s; Volvo Penta IPS T4 propset; Volvo Penta IPS 500/1.94:1

**Price as Tested:** \$644,616

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels
1000	7.8 (6.7)	2.2	3.52 (3.06)	1,268	1,103	70
1500	10.2 (8.8)	5.1	1.99 (1.73)	716	623	73
2000	12.0 (10.4)	13.0	0.92 (0.80)	332	289	82
2500	20.5 (17.8)	19.5	1.05 (0.91)	378	328	83
3000	29.6 (25.7)	26.0	1.14 (0.99)	410	356	84
3500	37.5 (32.6)	36.0	1.04 (0.90)	375	326	86
3600	39.0 (33.9)	41.0	0.95 (0.83)	342	297	86

**PROPULSION:** 2/370-mhp Volvo Penta IPS 500s; Volvo Penta IPS T4 propset; Volvo Penta IPS 500/1.94:1

**CONDITIONS:** temperature: 75 °F; humidity: 76%; wind: 5-10 mph; seas: 1'-2' load: 230 gal. fuel, 20 gal. water 50 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Volvo Penta fuel-m Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversat

### OPTIONAL EQUIPMENT ON TEST BOAT

Maxwell RC 800 windlass

FLIR Navigator II system

aluminum bowrail

Raymarine electronics package (upper and lower helm)

teak-and-holly cabin sole



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## BOATS

### BOAT TESTS

## Cheoy Lee 68 Serenity

By [Photos by Billy Black](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cheoy Lee

**LOA:** 68'0"

**Model:** 68 Serenity

**Beam:** 18'0"

**Model Year:** 2009

**Draft:** 5'3"

**Boat Type:** Trawler

**Weight:** 116,000 lbs.

**Cabins** 1 Master, 3/guest

**Standard Power:** 2/330-hp John Deere diesels

**Optional Power:** 2/315-mhp Caterpillar C7 diesel inboards

**Fuel Capacity:** 2,350 gallons

**Water Capacity:** 600 gallons

#### STANDARD EQUIPMENT

Teleflex Hynautic hydraulic steering  
ZF single-lever electronic controls  
2/20-kW Kohler gensets  
Naiad stabilizers  
Glendinning Cablemaster  
4/Headhunter MSDs  
2/Maxwell windlasses  
Stidd helm seats (pilothouse and flying bridge)  
Nautical Structures 1,500-lb. davit  
Corian countertops  
GE Profile cooktop, Monogram convection oven  
Sub-Zero stand-up-style refrigerator  
2/Sub-Zero drawer-type freezers w/ ice maker  
Sharp TVs in saloon and staterooms  
Marine Air A/C  
Kenmore stacked washer/dryer



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## BOATS

### BOAT TESTS

## Cheoy Lee 68 Serenity

By [Photos by Billy Black](#)



### TEST BOAT SPECIFICATIONS

**Price as Tested:** Not available

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (range)	sm range	nm range	decibels	trim (eng/sea)
1000	7.7 (6.6)	2.6	2.96 (2.54)	6,262	5,369	64	0.0
1250	8.7 (7.5)	4.6	1.88 (1.64)	3,977	3,458	65	0.0
1500	10.0 (8.7)	7.6	1.32 (1.14)	2,783	2,420	66	0.0
1750	10.8 (9.3)	11.4	0.94 (0.82)	1,994	1,734	72	0.5
2000	11.9 (10.3)	17.8	0.67 (0.58)	1,414	1,230	72	0.5
2250	12.3 (10.7)	25.0	0.49 (0.43)	1,041	905	74	1.5
2440	13.7 (11.9)	32.4	0.42 (0.37)	894	778	74	2.0

**PROPS:** 2/315-mhp Caterpillar C7 diesel inboards, 33x23 five-blade nibrals, ZF 2.5:1

**CONDITIONS:** temperature: 70°F; humidity: 50%; wind: 10-15 mph; seas: 1' to 2' load: 1,050 gal. fuel, 420 gal. water, 5 people 1,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH measured with Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Furuno RD-30, NavNet system

Icom VHF 604

Simrad AP26 autopilot

watermaker

Ritchie 5" compass

ZF remote plug-in for electronic engine controls

telephone/intercom system

flying-bridge barbecue



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## BOATS

### BOAT TESTS

## Sea Ray 540 Sundancer

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 54'9"

**Model:** 540

**Beam:** 15'3"

**Model Year:** 2009

**Draft:** 4'2"

**Boat Type:** Cruiser

**Weight:** 47,000 lbs. (dry)

**Cabins** 1 master, 1 guest

**Standard Power:** 2/600-hp Cummins QSC 8.3s

**Optional Power:** None

**Fuel Capacity:** 600

**Water Capacity:** 150

#### STANDARD EQUIPMENT

Cummins MerCruiser electronic controls and steering

4/8-D batteries

21.5-kW Onan genset



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## BOATS

### BOAT TESTS

## Sea Ray 540 Sundancer

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

Price as Tested: \$1,663,800

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nmpg)	sm range	nm range	decibels	trim (degrees)
1000	8.9 (7.7)	3.6	2.47 (2.15)	1,335	1,161	73	0.5
1500	11.5 (10.0)	12.4	0.92 (0.80)	499	434	74	1.5
2000	13.8 (12.0)	28.6	0.48 (0.42)	261	227	76	5.0
2250	22.1 (19.2)	34.8	0.64 (0.55)	343	298	78	3.5
2500	24.1 (20.9)	40.6	0.59 (0.52)	320	278	81	3.5
3065	35.8 (31.1)	64.6	0.55 (0.48)	299	260	83	3.0

**PROPULSION:** 2/600-hp Cummins Mercruiser QSC 8.3 pod drives, Zeus M5 propset, ZF marine gear/1.79:1  
**CONDITIONS:** Conditions: 53°F; humidity: 43%; wind: 10-15 mph; seas: 0'-1'; load: 300 gal. fuel, 0 gal. water, 3 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Cummins Mercruiser electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Jarrett Bay 67

By [PMY Staff](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Jarrett Bay

**LOA:** 67'7"

**Model:** 67

**Beam:** 18'0"

**Model Year:** 2008

**Draft:** 5'5"

**Boat Type:** Sportfisherman

**Weight:** 96,500 lbs. (full)

**Cabins** Master, VIP, and 2 guests

**Standard Power:** 2/1,825-mhp CAT C32ACERTs

**Optional Power:** None

**Fuel Capacity:** 1,910 gal.

**Water Capacity:** 325 gal

#### STANDARD EQUIPMENT

None, custom boat



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## BOATS

### BOAT TESTS

## Jarrett Bay 67

By [PMY Staff](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,875-mhp Caterpillar C32 ACERT diesel inboards

**Transmission/Ratio:** ZF transmission with 1.75:1 reduction ratio

**Props:** 35.5x43.5 5-blade Veem nibral

**Price as Tested:** upon request

### The Numbers

BY THE NUMBERS							
rpm	mph (knots)	gph	mpg (liters)	sm range	nm range	decibels	trim (inches)
1000	13.5 (11.7)	23.6	0.57 (0.50)	980	852	78	2.5
1250	16.6 (14.4)	50.0	0.33 (0.29)	568	495	84	4.5
1500	25.9 (22.5)	86.4	0.39 (0.34)	669	582	85	4.0
1750	32.5 (28.2)	93.0	0.35 (0.30)	600	522	86	4.5
2000	39.0 (33.9)	113.0	0.35 (0.30)	593	516	88	4.0
2250	44.6 (38.8)	164.2	0.27 (0.24)	467	406	90	3.0
2330	46.2 (40.2)	187.0	0.25 (0.21)	425	369	91	3.5

### OPTIONAL EQUIPMENT ON TEST BOAT

Cat electronic controls

SeaStar electro-hydraulic steering

48' Rupp hydraulic outriggers

Elan entertainment system w/ 3 XM satellite radio tuners, 6-zone controls, and a 4-terabyte hard drive



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## BOATS

### BOAT TESTS

## Vicem 63 Sportfisherman

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

<b>Builder:</b> Vicem	<b>LOA:</b> 63'8"
<b>Model:</b> 63 Sportfisherman	<b>Beam:</b> 18'0"
<b>Model Year:</b> 2008	<b>Draft:</b> 4'0"
<b>Boat Type:</b> Sportfisherman	<b>Weight:</b> 80,000 lbs. (dry)
<b>Cabins</b> Master, VIP, 1 guest w/ bunks	<b>Standard Power:</b> none (custom boat)
	<b>Optional Power:</b> owner's choice
	<b>Fuel Capacity:</b> 1950 gal.
	<b>Water Capacity:</b> 265 gal.

#### STANDARD EQUIPMENT

BCS hydraulic steering w/ power assist  
Twin Disc single-lever electronic controls  
everything else, owner's choice



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## BOATS

### BOAT TESTS

## Vicem 63 Sportfisherman

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-mhp MAN V12-1550 CRM diesel inboards

**Transmission/Ratio:** Twin Disc 1.74:1

**Props:** 33x42 four-blade S+S

**Price as Tested:** \$2,449,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (sec/gal)	sm range	nm range	decibels	trim (deg/rev)
1000	12.7 (11.0)	16.0	0.79 (0.69)	1,393	1,207	72	1.0
1250	14.8 (12.9)	34.0	0.44 (1.38)	764	664	79	2.0
1500	18.8 (16.3)	56.0	0.34 (0.29)	589	512	80	4.5
1750	25.4 (22.0)	76.0	0.33 (0.29)	585	509	83	5.0
2000	29.7 (25.8)	114.0	0.26 (0.23)	457	398	84	5.5
2250	33.1 (28.8)	142.0	0.23 (0.20)	409	356	88	5.0
2360	35.0 (30.4)	170.0	0.21 (0.18)	361	314	91	5.0

### OPTIONAL EQUIPMENT ON TEST BOAT

Lenco trim tabs  
Side Power bow thruster  
Reverso oil-change system  
Diesel-Tex fuel-polishing system



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## BOATS

### BOAT TESTS

## Viking Convertible 82

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking

**LOA:** 83'5"

**Model:** 82

**Beam:** 22'4"

**Model Year:** 2008

**Draft:** 5'6"

**Boat Type:** Sportfisherman

**Weight:** 162,250 lbs.

**Standard Power:** 1,825-mhp Caterpillar C32 Acerts

**Optional Power:** None

**Fuel Capacity:** 3,000 gal.

**Water Capacity:** 400 gal.

#### STANDARD EQUIPMENT

Steering: PICES electronic Controls: MTU electronic w/ Sturdy levers  
Moritz Octoplex Power Systems control  
hydraulic bilge pumps and bow thruster  
Tides Marine dripless shaft and rudder seals  
10-ton chilled-water A.C.



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## BOATS

### BOAT TESTS

## Viking Convertible 82

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/2,400-hp MTU 16V 2000 M93 diesel inboards

**Transmission/Ratio:** ZF/3.50:1

**Props:** 6-blade Veem Interceptor props

**Steering:** PICES electronic

**Price as Tested:** \$6,615,043

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (est.)	sm range	nm range	decibels	trim (deg/ft/min)
1000	14.0 (12.2)	26.0	0.54 (0.47)	1454	1264	67	0.5
1250	16.6 (14.4)	50.0	0.33 (0.29)	896	779	72	1.5
1500	23.2 (20.1)	80.0	0.29 (0.25)	781	679	73	0.3
1750	29.4 (25.5)	100.0	0.29 (0.26)	792	689	77	0.3
2000	35.5 (34.0)	150.0	0.23 (0.20)	630	548	79	0.4
2250	39.1 (34.0)	200.0	0.20 (0.17)	528	459	80	3.5
2500	43.4 (37.7)	236.0	0.18 (0.16)	496	431	81	3.5



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## BOATS

### BOAT TESTS

## Sessa C46

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sessa

**LOA:** 48'10"

**Model:** C46

**Beam:** 14'0"

**Model Year:** 2008

**Draft:** 3'1"

**Boat Type:** Cruiser

**Weight:** 28,200 lbs. (dry)

**Standard Power:** 2/435-hp Volvo Penta IPS600 pod drives

**Optional Power:** none

**Fuel Capacity:** 343 gal.

**Water Capacity:** 114 gal.

#### STANDARD EQUIPMENT

Volvo Penta electronic controls and steering  
Teak decks  
Mase 8-kW genset  
tilting and height adjustable steering wheel



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## BOATS

### BOAT TESTS

## Sessa C46

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

Price as Tested: upon request

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (est.)	sm range	nm range	decibels	trim (degrees)
1000	7.6 (6.6)	2.2	3.45 (3.00)	1,066	927	70	0.5
1500	10.5 (9.1)	6.2	1.69 (1.47)	523	455	69	1.5
2000	12.8 (11.1)	14.8	0.86 (0.75)	266	231	72	5.0
2500	19.5 (16.9)	20.8	0.94 (0.81)	289	251	74	6.0
3000	28.0 (24.3)	29.2	0.96 (0.83)	296	257	75	6.0
3500	35.2 (30.6)	38.0	0.93 (0.81)	286	249	81	6.0
3600	36.1 (31.3)	44.4	0.81 (0.71)	251	218	83	5.0



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## BOATS

### BOAT TESTS

## Outer Reef 63

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Outer Reef

**LOA:** 63'1"

**Model:** 63

**Beam:** 16'10"

**Model Year:** 2008

**Draft:** 4'10"

**Boat Type:** Megayacht (> 80')

**Weight:** (dry) 73,000 lbs.

**Standard Power:** 2/503-mhp CAT C9 ACERTs

**Optional Power:** None

**Fuel Capacity:** 1,000 gal.

**Water Capacity:** 300 gal.

#### STANDARD EQUIPMENT

Steering: Hynautic hydraulic steering

Morse controls

ABT Trac stabilizers w/ 6-sq.-ft. fins



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## BOATS

### BOAT TESTS

## Outer Reef 63

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/503-mhp CAT C9 ACERTs

**Transmission/Ratio:** ZF/2.423:1

**Props:** 321/2x27 four-blade Faster Propulsion

**Steering:** Hynautic hydraulic

**Price as Tested:** \$2,003,641

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (lmpg)	sm range	nm range	decibels	trim (inches)
1000	9.1 (7.9)	2.6	3.50 (3.04)	3,150	2,735	57	0.5
1250	10.9 (9.5)	5.8	1.88 (1.63)	1,691	1,471	59	0.5
1500	12.8 (11.1)	9.0	1.42 (1.23)	1,275	1,109	64	0.5
1750	13.8 (12.0)	14.8	0.93 (0.81)	839	730	64	1.0
2000	14.9 (12.9)	23.6	0.63 (0.55)	566	492	66	1.0
2250	15.7 (13.6)	36.4	0.43 (0.35)	387	336	68	2.0
2500	16.7 (14.5)	49.0	0.38 (0.33)	343	299	72	2.5



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## BOATS

### BOAT TESTS

## Huckins Linwood 56

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Huckins

**LOA:** 62'3"

**Model:**

**Beam:** 16'6"

**Model Year:** 2008

**Draft:** 2'6"

**Boat Type:** Megayacht (> 80')

**Weight:** (1/2 load) 50,000 lbs.

**Standard Power:** none (custom boat)

**Optional Power:** various diesels

**Fuel Capacity:** 800 gal.

**Water Capacity:** 200 gal.



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## BOATS

### BOAT TESTS

## Huckins Linwood 56

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/715-mhp Cummins MerCruiser QSM11 diesel inboards

**Steering:** Teleflex Sea-Star hydraulic steering w/ power assist off starboard engine

**Price as Tested:** \$3,100,000

### The Numbers

#### BY THE NUMBERS

rpm	mph (knots)	gph	mpg (nm/gal)	sm range	nm range	decibels	trim (degrees)
700	7.2(6.2)	2.7	2.65 (2.30)	1,927	1,658	63	0.0
1000	9.2(8.0)	5.5	1.67 (1.45)	1,204	1,047	64	0.5
1250	11.1(9.7)	9.4	1.18 (1.03)	850	739	72	1.0
1500	12.1(10.5)	15.4	0.79 (0.68)	566	492	75	1.5
1750	13.1(11.3)	22.7	0.57 (0.50)	414	360	82	3.0
2000	21.5(18.7)	34.1	0.63 (0.55)	453	394	76	3.0
2250	28.9(25.1)	51.1	0.56 (0.49)	406	353	78	3.0
2500	38.6(33.5)	77.3	0.50 (0.43)	359	312	84	3.0





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## BOATS

### BOAT TESTS

## Lazzara 92

By [PMY Staff](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Lazzara

**LOA:** 91'7"

**Model:** 92 LSX

**Beam:** 21'1"

**Model Year:** 2008

**Draft:** 4'10"

**Boat Type:** Cruiser

**Weight:** 136,000 lbs. (half load)

**Standard Power:** 4/700-hp Volvo Penta IPS 900 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 1,700 gal.

**Water Capacity:** 350 gal.

#### STANDARD EQUIPMENT

138,000-Btu, 6-zone A/C  
Headhunter MSDs



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## BOATS

### BOAT TESTS

## Lazzara 92

By [PMY Staff](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 4/680-hp Volvo Penta IPS 900 diesel inboards (preproduction)

**Transmission/Ratio:** Volvo Penta/1.59:1

**Props:** Volvo Penta P3 nibral

**Steering:** Volvo Penta electronic

**Price as Tested:** \$8,892,825

### The Numbers

OUR NUMBERS >>>							
RPM	MPH (KNOTS)	GPH	MPG (NM/GP)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.6 (10.9)	20.0	0.63 (0.55)	960	835	69	1.50
1250	14.1 (12.3)	33.0	0.43 (0.37)	654	568	65	1.25
1500	18.4 (16.0)	50.0	0.37 (0.32)	563	490	69	1.75
1750	23.0 (20.0)	68.0	0.34 (0.29)	516	449	74	2.25
2000	29.1 (25.3)	84.0	0.35 (0.30)	529	460	73	2.50
2360	36.2 (31.4)	130.0	0.28 (0.24)	425	370	72	2.75

**CONDITIONS:** 70°F; humidity: 58%; wind: 5-10 mph; seas: 1'-2'; load: 1,500 gal. fuel, 350 gal. water, 8 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.





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## BOATS

### BOAT TESTS

## Grand Banks Heritage 41EU

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Grand Banks

**Model:** Heritage 41EU

**Model Year:** 2008

**Boat Type:** Trawler

**LOA:** 41'5"

**Beam:** 15'3"

**Draft:** 3'10"

**Weight:** 37,000 lbs.

**Standard Power:** 2/380-hp Cummins QSB5.9 w/ Zeus pod drives

**Optional Power:** 2/425-hp Cummins QSB5.9 w/ Zeus pod drives

**Fuel Capacity:** 500 gal.

**Water Capacity:** 200 gal.



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## BOATS

### BOAT TESTS

## Grand Banks Heritage 41EU

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-hp Cummins QSB5.9 diesels w/ Zeus pod drives

**Transmission/Ratio:** ZF/ 1.8:1

**Props:** CMD Z8 and Z9 nibral propset

**Steering:** DTS electro-hydraulic

**Price as Tested:** \$899,000

### The Numbers

## OUR NUMBERS >>>

RPM	MPH (KNOTS)	GPH	MPG (NM/G)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.9 (6.8)	3.1	2.53 (2.20)	1,140	991	58	0.5
1750	12.4 (10.8)	12.9	0.96 (0.84)	433	376	67	2.0
2000	13.0 (11.3)	18.2	0.71 (0.62)	320	278	67	4.0
2250	16.2 (14.0)	23.3	0.69 (0.60)	312	271	70	3.5
2500	21.0 (18.3)	29.1	0.72 (0.63)	325	282	72	3.5
2750	24.4 (21.2)	34.7	0.70 (0.61)	316	275	73	3.0
300	27.3 (23.7)	45.9	0.59 (0.52)	268	233	73	3.0

**CONDITIONS:** 75°F; humidity: 30%; wind: 10-15 mph; seas: 2'-4'; load: 190 gal. fuel, 100 gal. water, 4 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Cummins electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.



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## BOATS

### BOAT TESTS

## Mochi 23M Hybrid

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Mochi Craft

**Model:** Long Range 23

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 75'6"

**Beam:** 20'6"

**Draft:** 5'2"

**Weight:** 192,140 lbs.

**Standard Power:** 2/550-mhp MAN D0836 LE 423  
diesel inboards

**Optional Power:** 2/800-mhp MAN R6 800 CR diesel  
inboards

**Fuel Capacity:** 2,061 gal.

**Water Capacity:** 528 gal.





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## BOATS

### BOAT TESTS

## Mochi 23M Hybrid

By [Capt. Richard Thiel](#)



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-hp MAN R6-800 diesel inboards

**Transmission/Ratio:** ZF/3.00:1

**Props:** 36.5x44 6-blade nibral

**Steering:** SteerCommand electronic, variable ratio

**Price as Tested:** Upon request

## The Numbers

OUR NUMBERS >>>							
RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.3 (7.2)	7.9	1.05 (0.91)	1,939	1,686	62	0.0
1250	10.0 (8.7)	13.2	0.76 (0.66)	1,406	1,222	63	-0.5
1500	12.0 (10.4)	22.2	0.54 (0.47)	1,003	872	65	-1.0
1750	13.2 (11.5)	34.4	0.38 (0.33)	712	619	67	-0.5
2000	15.2 (13.2)	50.8	0.30 (0.26)	555	483	68	0.0
2250	16.7 (14.5)	78.8	0.21 (0.18)	393	342	70	1.0

**CONDITIONS:** Temperature: 70°F; humidity: 50%; wind: 5 mph; seas: 1'-2'; load: 1,000 gal. fuel, 250 gal. water, 11 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Navisystem 85 NT  
satellite TV  
upgrade to Simrad AP28 autopilot  
upgrade to Bose Lifestyle 48  
captain's cabin  
automotive-style stereos and speakers in each cabin  
teak sole on upper deck and bridge  
upgrade to 2/ 35-kW Fischer Panda gensets  
upgrade to Furuno 3D bridge display  
Furuno 3 MFD 12" bridge repeater  
hybrid propulsion

This article originally appeared in the January 2009 issue of *Power & Motoryacht* magazine.

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## BOATS

### BOAT TESTS

## The Way Forward: Sea Ray Goes Electric

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 24'10"

**Model:**

**Beam:** 8'6"

**Model Year:** 2008

**Draft:** 3'4"

**Boat Type:** Other...

**Weight:** 5,593 lbs.

**Standard Power:** 1/260-bhp MerCruiser 5.0L MPI  
Bravo III gasoline stern drive

**Fuel Capacity:** 75 gal.

**Water Capacity:** 20 gal.

#### STANDARD EQUIPMENT

Standard Equipment: Taylor Made curved-glass windshield  
80-watt Sharp solar array  
VDO instrumentation



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## BOATS

### BOAT TESTS

# The Way Forward: Sea Ray Goes Electric

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 1/250-mhp Steyr MO256H45 diesel inboard w/7-kW 48vDC motor and 5-kW 48vDC generator

**Transmission/Ratio:** Bravo III/2/2/1

### The Numbers

## PRIMARY DIESEL PERFORMANCE >>>

RPM	MPH (KNOTS)	GPH	MPG	NM/PG	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	5.3	4.6	7.57	6.58	511	444	74	1.0
1500	7.3	6.3	4.56	3.97	308	268	74	2.0
2000	8.7	7.6	2.90	2.52	196	170	77	4.5
2500	10.2	8.9	1.85	1.61	125	109	78	6.5
3000	17.5	15.2	2.11	1.83	142	124	82	10.0
3500	27.1	23.6	2.46	2.14	166	145	83	5.0
4000	32.7	28.4	2.17	1.88	146	127	83	3.5
4500	38.7	33.7	2.46	2.14	166	145	84	3.5

## ALL-ELECTRIC PERFORMANCE >>>

AMP	MPH	KNOTS	RUNNING TIME (IN MINUTES)	RUNNING TIME (IN HOURS)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
20	2.4	2.1	300	5.0	12.0	10.5	57	0.5
45	3.7	3.2	180	3.0	11.1	9.6	58	0.5
90	4.9	4.3	60	1.0	4.9	4.3	60	0.75
135	5.3	4.6	43	0.7	3.7	3.2	62	0.75
150	5.6	4.9	25	0.4	2.2	2.0	64	1.0

**CONDITIONS:** 85°F; humidity: 61%; wind: variable, light; seas: flat calm; load: 15 gals. fuel, no water, 2 people onboard. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Steyr electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

This article originally appeared in the January 2009 issue of *Power & Motoryacht* magazine.



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## BOATS

### BOAT TESTS

## The Way Forward: Island Pilot DSe 12M Hybrid

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Island Pilot

**Model:**

**Model Year:** 2008

**Boat Type:** Other...

#### STANDARD EQUIPMENT

Standard Equipment: Tecnaute steering, engine control, autopilot  
Garmin GPSMAP 5215 chartplotter w/ radar fishfinder, and XM Radio functions





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## BOATS

### BOAT TESTS

# The Way Forward: Island Pilot DSe 12M Hybrid

By [Capt. Bill Pike](#)



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/75-hp Steyr MO84K32 diesel w/ 7-kW 48vD.C. motor and 5-kW 48vD.C. generator

**Transmission/Ratio:** ZF SD10/2.5:1

**Props:** Ellis 19x19 four-blade bronze

**Steering:** Tecnautic electro-hydraulic (w/ Teleflex manual-hydraulic backup)

**Price as Tested:** \$600,000

## The Numbers

## PRIMARY DIESEL PERFORMANCE >>>

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DEGBELS	TRM (DEGREES)
1000	5.8 (5.0)	0.6	9.67 (8.41)	1044	908	61	0.3
1250	6.8 (5.9)	1.0	6.8 (5.91)	734	639	66	0.3
1500	8.0 (7.0)	1.4	5.71 (4.97)	617	537	66	0.0
1750	8.7 (7.6)	2.0	4.35 (3.78)	470	409	64	0.0
2000	10.0 (8.7)	2.8	3.57 (3.11)	386	335	67	0.0
2250	10.5 (9.1)	4.0	2.63 (2.28)	284	247	69	0.0
2500	10.9 (9.5)	5.2	2.10 (1.82)	226	197	71	1.0
2750	11.0 (9.6)	6.8	1.62 (1.41)	175	152	74	2.0
3000	11.9 (10.3)	10.8	1.10 (0.96)	119	103	77	3.5

## ALL-ELECTRIC PERFORMANCE >>>

AMP	MPH	KNOTS	RUNNING TIME (IN MINUTES)	RUNNING TIME (IN HOURS)	SM RANGE	NM RANGE	DEGBELS	TRM (DEGREES)
30	4.5	3.9	380	6.3	28.4	24.6	55	0.5
45	5.3	4.6	220	3.6	19.1	16.6	57	0.5
60	5.6	4.9	160	2.7	15.1	13.2	55	0.5
75	6.2	5.4	125	2.1	13.0	11.3	56	0.5
90	6.5	5.6	110	1.8	11.7	10.1	58	0.5
105	6.6	5.7	90	1.5	9.9	8.6	57	0.5
120	6.7	5.8	75	1.3	8.7	7.5	59	0.5
150	7.0	6.1	55	.92	6.4	5.6	59	0.5
175	7.3	6.3	45	.75	5.5	4.7	60	0.5

CONDITIONS: 64°F; humidity: 47%; wind: 20-25 mph; seas: 2'-3'; load: 110 gal. fuel, 110 gal. water, 3 people, 40 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Steyr fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

none

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## BOATS

### BOAT TESTS

## Fairline Targa 64

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Fairline

**LOA:** 62'1"

**Model:** Targa 64

**Beam:** 15'7"

**Model Year:** 2008

**Draft:** 4'6"

**Boat Type:** Other...

**Weight:** 51,300 lbs.

**Standard Power:** 2/1,015-mhp Caterpillar C18 diesel inboards

**Optional Power:** 2/1,100-mhp MAN V10 1100 diesel inboards

**Fuel Capacity:** 784 gal.

**Water Capacity:** 146 gal.

#### STANDARD EQUIPMENT

Marine Air chilled-water A/C w/ reverse-cycle heat  
bimini top

13.5-hp Side-Power bow thruster

cockpit bar w/ sink, hot and cold water, waste bin, and grill

dining area w/ hi-lo table

2/s/s directors' chairs





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## BOATS

### BOAT TESTS

## Fairline Targa 64

By [Capt. Patrick Sciacca](#)



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,015-mhp Caterpillar C18 diesel inboards

**Transmission/Ratio:** ZF/1.97:1

**Props:** 32x44.5 -four-blade nibral

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** price on request

### The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/G)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.4 (11.6)	20.0	0.67 (0.58)	473	409	68	1.0
1250	16.5 (14.3)	30.2	0.55 (0.48)	386	335	72	3.0
1500	24.0 (20.9)	44.0	0.55 (0.47)	385	335	75	3.5
1750	30.0 (26.1)	60.0	0.50 (0.43)	353	307	78	4.0
2000	35.7 (31.0)	76.0	0.47 (0.41)	331	288	80	4.0
2250	40.5 (35.2)	96.0	0.42 (0.37)	298	259	85	4.0
2350	41.8 (36.4)	104.0	0.40 (0.35)	284	247	85	4.0

**CONDITIONS:** 85°F; humidity: 67%; wind: 5-10 mph; seas: 0'-2'; load: 200 gal. fuel, 0 gal. water, 3 people, 500 lbs. gear. Speeds are two way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

side-deck lighting  
Fisher & Paykel dishwasher in lieu of freezer  
mood-lighting package  
digital safe in the forepeak, master  
windlass  
teak side decks  
underwater lighting  
Splendide washer/dryer  
s/s anchor  
Bang & Olufsen CD/DVD w/ Bose speakers

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## BOATS

### BOAT TESTS

## Island Packet PY 41

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Island Packet

**LOA:** 41'1"

**Model:** PY 41

**Beam:** 12'9"

**Model Year:** 2008

**Draft:** 3'8"

**Boat Type:** Cruiser

**Weight:** 23,000 lbs.



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## BOATS

### BOAT TESTS

## Island Packet PY 41

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 1/100-mhp Yanmar 4JH3-HTE diesel inboard

**Transmission/Ratio:** Konzaki KM4-A/3:1

**Props:** 21x16 3-blade bronze Michigan Wheel

**Steering:** Edson manual cable

Price as Tested: \$332,925

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1500	6.8 (5.9)	0.2	34.0 (29.6)	6,579	5,721	62	0.0
2000	8.4 (7.3)	0.5	16.8 (14.6)	3,251	2,827	66	0.0
2500	9.6 (8.3)	1.9	5.1 (4.4)	978	850	70	-0.5
3000	10.5 (9.1)	2.6	4.0 (3.5)	781	680	73	-0.5
3500	11.3 (9.8)	4.1	2.76 (2.4)	533	464	78	0.0
3800	12.5 (10.9)	5.2	2.4 (2.1)	465	404	82	0.0

**CONDITIONS:** 92°F; humidity: 72%; wind: light, variable; seas: calm; load: 25 gal. fuel, no water, 2 people, 10 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from fuel curves supplied by Yanmar and Island Packet. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Muir Atlantic 1000 anchor windlass  
6-hp Side-Power bow thruster  
cushions for forward cockpit

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## BOATS

### BOAT TESTS

## Jeanneau Prestige 42S

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Jeanneau

**LOA:** 43'10"

**Model:** Prestige 42S

**Beam:** 13'8"

**Model Year:** 2008

**Draft:** 2'11"

**Boat Type:** Other...

**Weight:** 24,251 lbs.

**Standard Power:** 2/370-hp Volvo Penta IPS 500 pod drives



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## BOATS

### BOAT TESTS

## Jeanneau Prestige 42S

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/370-hp Volvo Penta IPS 500 pod drives

**Transmission/Ratio:** 1.94:1

**Props:** Volvo Penta T5 nibral

**Steering:** Volvo Penta electronic

**Price as Tested:** \$535,297

### The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.3 (6.3)	4.0	1.83 (1.59)	521	453	69	0.5
1500	9.3 (8.0)	10.4	0.89 (0.77)	254	221	72	3.0
2000	14.7 (12.8)	23.4	0.63 (0.55)	179	156	74	5.5
2500	23.1 (20.1)	35.8	0.65 (0.56)	184	160	77	6.0
3000	32.5 (28.2)	47.4	0.68 (0.60)	195	170	78	4.0
3500	39.9 (34.7)	69.0	0.58 (0.50)	165	143	84	4.0
3600	42.3 (36.7)	76.4	0.55 (0.48)	158	137	84	4.0

**CONDITIONS:** 58°F; humidity: 53%; wind: 10-15 mph; seas: 2'-3'; load: 120 gal. fuel, 0 gal. water, 2 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken by J/boat from Volvo Penta monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine 2-kW radar, ST6002 autopilot, and E120 chartplotter  
 mattress batons  
 cabin fabric upgrade  
 anchoring kit  
 mooring kit  
 cover for sun mattress  
 remote searchlight

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## BOATS

### BOAT TESTS

#### tiara-3900-open

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

Builder: Tiara

LOA: 41'1"



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## BOATS

### BOAT TESTS

#### tiara-3900-open

By [Capt. Grant Rafter](#)



#### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/600-hp Cummins MerCruiser QSC 8.3 diesel inboards

**Transmission/Ratio:** ZF/2.179:1

**Props:** 26x35.5 Teignbridge 4-blade nibral

**Steering:** Teleflex w/ power assist

**Price as Tested:** \$757,922

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.9 (7.7)	3.6	2.46 (2.14)	1,184	1,029	72	1.0
1500	12.8 (11.1)	12.8	1.00 (0.87)	480	417	78	4.5
2000	21.7 (18.9)	23.6	0.92 (0.80)	443	385	82	6.5
2250	27.3 (23.7)	29.6	0.92 (0.80)	443	385	83	8.0
2500	31.5 (27.3)	37.2	0.85 (0.74)	407	354	85	5.5
2750	34.9 (30.3)	44.8	0.78 (0.68)	375	326	85	4.0
3080	40.0 (34.8)	62.0	0.65 (0.56)	311	270	87	3.5

**CONDITIONS:** 78°F; humidity: 38%; wind: 10-15 mph; seas: 1'-3'; load: 313 gal. fuel, 0 gal. water, 3 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Cummins electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Stidd helm seat  
wet bar 'fridge  
extra rod stowage  
hardtop w/ side enclosures  
rocket launcher  
fishing package w/ rocket launcher and 28-ft Rupp outriggers  
teak-and-holly sole

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## BOATS

### BOAT TESTS

## Viking 50 Convertible

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking

**LOA:** 54'8" (w/ pulpit)

**Model:** 50 Convertible

**Beam:** 17'0"

**Model Year:** 2008

**Draft:** 4'10"

**Boat Type:** Sportfisherman

**Weight:** 66,500 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,100-mhp MAN V10 1100 CRM diesel inboards

**Optional Power:** 2/1,360-mhp MAN V12 1360 CRM diesel inboards

**Fuel Capacity:** 1,200 gal. (w/ 200 gal. aux tank)

**Water Capacity:** 175 gal.

#### STANDARD EQUIPMENT

Cruisair A/C

21-kW Onan genset

Glendinning CableMaster

Furuno RD-30 depthfinder, sea-temp gauge

Icom 604 VHF radio

Murray Products helm chairs



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## BOATS

### BOAT TESTS

## Viking 50 Convertible

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,360-hp MAN V12 1360 CRM diesel inboards

**Transmission/Ratio:** ZF 665A/1.97:1

**Props:** 33" Veem Interceptor

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** \$1,749,700

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.8 (11.2)	24.0	0.53 (0.47)	576	504	80	3.0
1250	17.9 (15.5)	42.0	0.43 (0.37)	459	399	83	5.0
1500	25.4 (22.1)	58.0	0.44 (0.38)	473	411	85	5.5
1750	34.0 (29.6)	74.0	0.46 (0.40)	496	431	88	5.5
2000	40.2 (35.0)	96.0	0.42 (0.36)	452	394	91	5.0
2250	45.1 (39.2)	122.0	0.37 (0.32)	399	347	92	5.0
2350	46.4 (40.3)	138.0	0.34 (0.29)	363	315	93	5.0

**ONCONDITIONS:** 85°F; humidity: 60%; wind: 5-10 mph; seas: 0'-2'; load: 1,050 gal. fuel, 115 gal. water, 3 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

200-gal. aux. fuel tank  
trolling valves  
6-rod rocket launcher  
3-sided Costa Marine enclosure  
transom fishbox  
Rupp 'riggers  
Side-Power bow thruster  
Bose system upgrade  
12-volt stereo/CD player in master  
Sharp flat-panel TVs in guest staterooms  
ice machine w/ discharge into cockpit fishbox  
upgrade master stateroom mattress  
Release Marine helm chairs

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## BOATS

### BOAT TESTS

## Mainship 45

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Mainship

**LOA:** 47'9"

**Model:** 45

**Beam:** 15'6"

**Model Year:** 2008

**Draft:** 3'8"

**Boat Type:** Trawler

**Weight:** 40,000 lbs.

**Standard Power:** 2/440-hp Yanmar 6LY3-STP diesel  
inboards



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## BOATS

### BOAT TESTS

## Mainship 45

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/440-hp Yanmar 6LY3-STP diesel inboards

**Transmission/Ratio:** ZF 2801 V-drive/2.558:1

**Props:** 26x24 four-blade nibral

**Steering:** SeaStar hydraulic

**Price as Tested:** \$575,240

### The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.4 (6.4)	1.3	5.65 (4.92)	3,954	3,438	62	0.0
1250	8.7 (7.6)	2.0	4.35 (3.78)	3,042	2,645	66	0.5
1500	9.9 (8.6)	3.2	3.09 (2.69)	2,163	1,881	65	0.5
1750	11.3 (9.8)	6.6	1.71 (1.49)	1,197	1,041	68	1.0
2000	12.4 (10.7)	11.0	1.12 (0.98)	785	683	74	2.0
2250	14.0 (12.1)	15.6	0.89 (0.78)	625	544	73	3.5
2500	16.8 (14.6)	19.0	0.88 (0.77)	616	536	75	4.0
2750	19.9 (17.3)	24.6	0.81 (0.70)	566	492	77	3.5
3000	22.4 (19.5)	30.8	0.73 (0.63)	509	442	77	3.0
3450	25.9 (22.5)	42.8	0.60 (0.53)	422	367	79	3.0

**CONDITIONS:** 68°F; humidity: 75%; wind: calm; seas: flat; load: 100 gal. fuel, 120 gal. water, 3 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Yanmar electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

11-kW Kohler genset w/ soundshield  
 central vacuum  
 2/Quiet flush MSDs  
 LCD TVs in saloon and master  
 oil-change system  
 internal sea strainers  
 3-zone MarineAir A/C  
 windlass w/ remote  
 freshwater washdown  
 3-burner propane stove and oven  
 bimini top w/ enclosure  
 bridge stereo  
 Summer Galley  
 bow thruster  
 dripless shaft logs  
 Raymarine radar, autopilot, chartplotter, and 2/E-120 displays

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## BOATS

### BOAT TESTS

## Sea Ray 350 Sundancer

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 37'6"

**Model:** 350 Sundancer

**Beam:** 12'0"

**Model Year:** 2008

**Draft:** 2'3" (drive up)

**Boat Type:** Cruiser

**Weight:** 18,064 lbs.

**Standard Power:** 2/375-hp MerCruiser 496 Mag  
Bravo III gasoline stern drives

**Optional Power:** 2/370-hp MerCruiser 8.1S Horizon  
gasoline V-drives; 2/301-hp Yanmar 6LPA-STZP  
diesel stern drives; 2/306-hp Yanmar 6LP-STP diesel  
V-drive inboards

**Fuel Capacity:** 225 gal.



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## BOATS

### BOAT TESTS

## Sea Ray 350 Sundancer

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/375-hp MerCruiser 496 Mag Bravo III gasoline stern drives

**Transmission/Ratio:** MerCruiser Bravo III/2.00:1

**Props:** 12x25 and 15 14x26 3-blade s/s propset

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** \$455,644

## The Numbers

RPM	MPH	(KNOTS)	GPH	MPG	(NMPG)	SM RANGE	NM RANGE
1500	8.0 (	(16.4)	7.6	1.11	(0.51)	224	224
2000	7.3)	28.6	14.0	(0.96)	0.74	150	150
2500	10.4 (	(24.8)	21.6	0.74	(0.64)	121	121
3000	9.0)	35.6	32.4	(0.65)	0.80	118	118
3500	12.9	(31.0)	38.8	0.60	(0.70)	149	149
4000	(11.2)	40.9	44.4	(0.52)	0.68	162	162
4450	18.9	(35.8)	60.0	0.58	(0.60)	137	122

**CONDITIONS:** 81 F; humidity: 73%; wind: 5 mph; seas: flat; load: 125 gal. fuel, 50 gal. water, 3 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft electronic engine-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Sun pad  
 s/s deck runners  
 colored hull  
 gelcoated dash  
 cockpit sun shade  
 cockpit cover  
 spotlight  
 cockpit grill  
 premium cabin and cockpit sound systems  
 Sirius satellite radio  
 iPod interface  
 satellite TV  
 cockpit, midcabin and V-berth TVs  
 air compressor  
 central vacuum  
 macerator  
 5-kW Kohler genset  
 Raymarine C120 chartplotter/fishfinder  
 underwater lights  
 anchor washdown  
 flag pole, base, and flag

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## BOATS

### BOAT TESTS

## Mochi Craft Dolphin 54

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Mochi Craft

**LOA:** 54'8"

**Model:** Dolphin 54

**Beam:** 16'1"

**Model Year:** 2008

**Draft:** 4'8"

**Boat Type:** Down East

**Weight:** 59,304 lbs.

**Standard Power:** 2/800-mhp MAN R6-800 CR 6L diesel inboards



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## BOATS

### BOAT TESTS

## Mochi Craft Dolphin 54

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-mhp MAN R6-800 CR 6L diesel inboards

**Transmission/Ratio:** ZF/ 2.037:1

**Props:** 30x40.5 Teignbridge 5-blade nibral

**Steering:** BCS electro-hydraulic

**Price as Tested:** Upon request

## The Numbers

RPM	MPH (KNOTS)		GPH	MPG (NMPG)		SM RANGE	NM
1000	13.7	(22.1)	11.6	1.18	(0.49)	714	621
1250	(11.9)	27.4	18.0	(1.02)	0.45	576	501
1500	17.1	(23.8)	31.8	0.95	(0.40)	434	377
1750	(14.9)	30.3	45.0	(0.83)	0.40	343	298
2000	22.8	(26.3)	60.2	0.72	(0.34)	276	240
2250	(19.8)	34.3	76.6	(0.62)	0.42	240	209
2350	25.5	(29.8)	81.4	0.57	(0.37)	256	222

**CONDITIONS:** 73 F; humidity: 60%; wind: 15-20 mph; seas: 4'-6'; load: 433 gal. fuel, 0 gal. water, 7 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

6.5-hp Side-Power bow thruster  
34-gph watermaker  
gray-water system  
30,000-Btu Condaria A/C  
handrails

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## BOATS

### BOAT TESTS

## Pershing 64

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Pershing

**Model:** 64

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 65'9"

**Beam:** 16'5"

**Draft:** 4'4"

**Weight:** 92,813 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,550-hp MAN V12 diesel  
inboards



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## BOATS

### BOAT TESTS

## Pershing 64

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-hp MAN V12 diesel inboards

**Transmission/Ratio:** ZF 2.032:1, Arneson ASD14L surface drives

**Props:** 36.5 x 49 Rolla five-blade

**Steering:** BCS electro-hydraulic

**Price as Tested:** Upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	11.4 (9.9)	29.0	0.39 (0.34)	324	283	70	2.5
1250	12.8 (11.1)	41.7	0.31 (0.27)	258	225	71	3.0
1500	13.8 (12.0)	61.3	0.23 (0.20)	191	166	73	4.0
1750	16.1 (14.0)	78.2	0.21 (0.18)	175	150	73	5.0
2000	40.0 (34.8)	125.2	0.32 (0.28)	266	233	76	4.0
2250	50.3 (43.7)	150.6	0.33 (0.29)	275	241	86	3.0
2400	50.9 (44.3)	158.5	0.32 (0.28)	266	233	88	2.0

**CONDITIONS:** 86°F; humidity: 66%; wind: 15 mph; seas: 3'; load: 700 gal. fuel, 100 gal. water, 16 persons, no gear. Speeds are two-way averages measured with GPS. GPH from MAN fuel computers. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65dB(A) is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

not available

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## BOATS

### BOAT TESTS

## Marquis 70 Tri-Deck

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Marquis

**Model:** 70 Tri-Deck

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 72'0"

**Beam:** 18'4"

**Draft:** 4'11"

**Weight:** 109,000 lbs. (w/ standard engines)

**Standard Power:** 2/1,015-mhp Caterpillar C18 diesel inboards



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## BOATS

### BOAT TESTS

## Marquis 70 Tri-Deck

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,361-hp MTU 10V 2000 M92

**Transmission/Ratio:** ZF/2.47:1

**Props:** 38x40.6 five-blade ZF nibrals

**Steering:** Seastar electro-hydraulically power-assisted

**Price as Tested:** \$3,661,415

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.1 (8.7)	14.0	0.72 (0.62)	840	730	61	0.0
1250	12.1 (10.5)	22.0	0.55 (0.48)	644	560	64	1.0
1500	13.5 (11.7)	40.0	0.34 (0.29)	395	343	66	2.0
1750	17.0 (14.7)	62.0	0.27 (0.24)	320	278	68	3.5
2000	23.2 (20.3)	80.0	0.29 (0.25)	341	296	71	3.5
2250	29.1 (25.3)	120.0	0.24 (0.21)	284	247	73	4.0
2500	33.2 (28.8)	140.0	0.24 (0.21)	277	241	75	4.0

**CONDITIONS:** 75°F; humidity: 70%; wind: 5-10 mph; seas: 2'-4'; load: 325 gal. fuel, 150 gal. water, 4 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MTU electronic engine monitor. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

cockpit control station  
 32-kW Kohler genset  
 26" bridge TV w/ satellite service  
 freshwater washdown  
 autopilot  
 radar  
 enclosed bridge  
 teak decks in cockpit and swim platform  
 bridge: ice maker, stereo  
 grill, 'fridge, wood-inlay table  
 and A/C  
 cockpit table  
 cockpit-bridge stairway hatch  
 underwater lights

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## BOATS

### BOAT TESTS

## Donzi R-80

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Donzi

**LOA:** 80'4"

**Model:** R-80

**Beam:** 21'6"

**Model Year:** 2008

**Draft:** 5'10"

**Boat Type:** Sportfisherman

**Weight:** 115,000 lbs. (w/ standard fuel load)

**Standard Power:** 2/2,400-hp MTU 16V 2000 M93 diesel inboards



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## BOATS

### BOAT TESTS

## Donzi R-80

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/ 2,400-hp MTU 16V 2000 M93 diesel inboards

**Transmission/Ratio:** ZF/2.034:1

**Props:** 39x40 Michigan Wheel 5-blade nibral

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	14.6 (12.7)	36.0	0.41 (0.35)	1,133	985	72	1.0
1250	19.3 (16.8)	68.0	0.28 (0.25)	793	689	74	2.0
1500	25.5 (22.1)	108.0	0.24 (0.20)	658	572	77	2.0
1750	31.3 (27.2)	144.0	0.22 (0.19)	607	528	82	2.5
2000	37.0 (32.2)	198.0	0.19 (0.16)	522	454	83	3.0
2250	41.2 (35.8)	242.0	0.17 (0.15)	476	414	84	2.5
2460	44.7 (38.8)	272.0	0.16 (0.14)	459	399	84	2.5

**CONDITIONS:** 82°F; humidity: 69%; wind: 5-10 mph; seas: 0-1'; load: 1,550 gal. fuel, 200 gal. water, 4 people, 2,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MTU electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

upon request

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## BOATS

### BOAT TESTS

## Riviera 38 Open Flybridge

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/370-hp Volvo Penta D6-370 diesel inboards



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## BOATS

### BOAT TESTS

## Riviera 38 Open Flybridge

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riviera

**LOA:** 42'11"

**Model:** 38 Open Flybridge

**Beam:** 13'10"

**Model Year:** 2008

**Draft:** 3'5"

**Boat Type:** Sportfisherman

**Weight:** 24,000 lbs. (dry)

**Standard Power:** 2/370-hp Volvo Penta D6-370 diesel inboards

**Optional Power:** 2/380-mhp Cummins MerCruiser QSB5.9 or 2/440-mhp Cummins MerCruiser QSB5.9 diesel inboards

**Fuel Capacity:** 380 gal.

**Water Capacity:** 122 gal.

#### STANDARD EQUIPMENT

New Zealand leather upholstery  
2/Clarion VXZ766 AM/FM stereo/CD players (saloon and flying bridge)  
Corian countertops

**Transmission/Ratio:** Volvo Penta HS80AE-B/1.95:1

**Props:** 21x22.5 4-blade Veem

**Steering:** Teleflex hydraulic

**Price as Tested:** \$505,723

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.6 (6.6)	1.8	4.19 (3.65)	1,435	1,247	66	0.0
1500	10.4 (9.0)	4.8	2.16 (1.88)	737	641	70	1.0
2000	12.4 (10.7)	11.6	1.06 (0.93)	364	317	74	4.5
2500	18.4 (16.0)	17.8	1.03 (0.90)	353	307	75	6.0
3000	25.9 (22.5)	25.8	1.00 (0.87)	343	299	77	5.5
3550	34.2 (29.7)	41.6	0.82 (0.71)	281	244	84	5.0

**CONDITIONS:** 70°F; humidity: 73%; wind: light, variable; seas: calm; load: 251 gal. fuel, 110 gal. water, 3 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Side-Power bow thruster

Raymarine electronics package

teak planking

port-side saloon lounge electrically convertible to double berth

16,000-Btu Cruisair A/C

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## BOATS

### BOAT TESTS

## Ferretti 592

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Ferretti

**Model:** 592

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 72'0"

**Beam:** 20'2"

**Draft:** 5'4"

**Weight:** 138,893 lbs. (dry)

**Standard Power:** 2/1,550-hp Caterpillar C32 diesel inboards

**Optional Power:** 2/1,650-hp Caterpillar C32, 2/1,800-hp Caterpillar C32 ACERT, 2/1,500-hp MTU 10V 2000 CR, 2/1,800-hp MTU 12V 2000 CR, or 2/1,550-hp MAN V-12 1550 CRM diesel inboards



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## BOATS

### BOAT TESTS

## Ferretti 592

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-hp Caterpillar C32 diesel inboards

**Transmission/Ratio:** ZF 2350/4:1 ratio

**Props:** Michigan 48x65 1/4 8-blade Nibral

**Steering:** Sea Star hydraulic

**Price as Tested:** on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.7 (11.0)	14.0	0.91 (0.79)	798	694	65	0.5
1250	14.5 (12.6)	32.0	0.45 (0.39)	399	347	66	3.0
1500	19.7 (17.1)	46.0	0.43 (0.37)	376	327	69	4.5
1750	26.4 (22.9)	62.0	0.43 (0.37)	374	325	71	5.0
2000	31.4 (27.3)	82.0	0.38 (0.33)	337	293	75	4.5
2250	37.7 (32.8)	102.0	0.37 (0.32)	325	283	75	3.5
2330	39.5 (34.3)	116.0	0.34 (0.30)	299	260	76	3.5

**CONDITIONS:** 73°F; humidity: 40%; wind: 15-18 mph; seas: 2'-4'; load: 250 gal. fuel, 0 gal. water, 10 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT


integrated hardtop w/ 3-sided EZ2CY enclosure and Strataglass panels aft  
32,000-Btu Cruisair bridge A/C  
TRAC stabilizers  
sunken wet bar w/ granite countertops in saloon  
custom interior doors, woodwork, and lighting systems  
crew quarters aft  
custom electronics package  
teak aft-deck sole and exterior step treads  
double grill on bridge deck

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## BOATS

### BOAT TESTS

## Hatteras 72

By [George L. Petrie](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Hatteras

**LOA:** 72'0"

**Model:** 72

**Beam:** 20'2"

**Model Year:** 2008

**Draft:** 5'4"

**Boat Type:** Cruiser

**Weight:** 138,893 lbs. (dry)

**Standard Power:** 2/1,550-hp Caterpillar C32 diesel inboards

**Optional Power:** 2/1,650-hp Caterpillar C32, 2/1,800-hp Caterpillar C32 ACERT, 2/1,500-hp MTU 10V 2000 CR, 2/1,800-hp MTU 12V 2000 CR, or 2/1,550-hp MAN V-12 1550 CRM diesel inboards



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## BOATS

### BOAT TESTS

## Hatteras 72

By [George L. Petrie](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-hp Caterpillar C32 diesel inboards

**Transmission/Ratio:** ZF 2350/4:1 ratio

**Props:** Michigan 48x65 1/4 8-blade Nibral

**Steering:** Sea Star hydraulic

**Price as Tested:** on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.9 (9.5)	17.0	0.64 (0.56)	1,267	1,101	67	0.5
1250	12.7 (11.0)	30.0	0.42 (0.37)	836	726	70	1.5
1500	14.9 (12.9)	52.0	0.29 (0.25)	566	491	72	3.0
1750	18.4 (16.0)	76.0	0.24 (0.21)	480	417	74	4.0
2000	22.8 (19.8)	100.0	0.23 (0.20)	451	392	75	4.5
2150	25.8 (22.4)	120.0	0.21 (0.19)	426	370	76	5.5
2300	28.9 (25.1)	160.0	0.18 (0.16)	358	311	77	5.0

**CONDITIONS:** 85°F; humidity: 90%; wind: 5-10 mph; seas: 0'-1'; load: 1,250 gal. fuel, 200 gal. water, 6 people, 75 lbs. gear. Speeds are two-way averages measured w/ Northstar GPS. GPH taken from electronic-control module. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

integrated hardtop w/ 3-sided EZ2CY enclosure and Strataglass panels aft

32,000-Btu Cruisair bridge A/C

TRAC stabilizers

sunken wet bar w/ granite countertops in saloon

custom interior doors, woodwork, and lighting systems

crew quarters aft

custom electronics package

teak aft-deck sole and exterior step treads

double grill on bridge deck

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## BOATS

### BOAT TESTS

## Maritimo C60 Sports Cabriolet

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Maritimo Yachts

**LOA:** 62'0"

**Model:**

**Beam:** 17'5"

**Model Year:** 2008

**Draft:** 4'6"

**Boat Type:** Cruiser

**Weight:** 60,000 lbs. (dry)

**Standard Power:** 2/715-mhp Caterpillar C12 diesel  
inboards

**Optional Power:** none

**Fuel Capacity:** 1,480 gal.

**Water Capacity:** 211 gal.

#### STANDARD EQUIPMENT

Side-Power bow thruster  
RD68 VHF  
inverter-compatible Liebherr refrigerator  
Staron countertops  
leather upholstery  
European beech joinery finished w/ 8 coats varnish





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## BOATS

### BOAT TESTS

## Maritimo C60 Sports Cabriolet

By [Capt. Bill Pike](#)



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/715-mhp Caterpillar C12 diesel inboards

**Transmission/Ratio:** ZF 325-1A/2.0:1

**Props:** 30 x 37 1/2 Teignbridge five-blade

**Steering:** Maritimo hydraulic w/ power assist

**Price as Tested:** \$2,135,984

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.4 (10.8)	11.8	1.05 (0.91)	1,400	1,217	69	0.5
1250	13.7 (11.9)	18.2	0.75 (0.65)	999	869	71	2.5
1500	18.1 (15.7)	26.4	0.69 (0.60)	913	794	73	3.8
1750	23.6 (20.5)	34.2	0.69 (0.60)	919	799	75	4.5
2000	28.4 (24.7)	48.0	0.59 (0.51)	787	684	77	5.0
2350	35.0 (30.4)	68.4	0.51 (0.44)	681	592	83	5.5

**CONDITIONS:** 81°F; humidity: 50%; wind: 14-18 mph; seas: long 8' swell; load: 400 gal. fuel, 200 gal. water, 4 people, 200 lbs. gear  
Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Side-Power stern thruster

2/Simrad electronic displays w/ plotter-radar-depthsounder capability, Simrad AP28 autopilot, and extra Simrad RD28 VHF

custom Southern Stainless s/s cockpit BBQ grill

soft furnishings package

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## BOATS

### BOAT TESTS

## Uniesse 65 Motoryacht

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Uniesse

**LOA:** 66'9"

**Model:** 65 Motoryacht

**Beam:** 17'7"

**Model Year:** 2008

**Draft:** 5'1"

**Boat Type:** Cruiser

**Weight:** 81,500 lbs. (full load)

**Standard Power:** 2/1,100-hp MAN V10-1100 diesel inboards

**Optional Power:** 2/1,360-hp V12-1360 or 2/1,550-hp V12-1550 MAN diesel inboards; 2/1,570-hp Caterpillar C32 diesel inboards

**Fuel Capacity:** 1,110 gal.

**Water Capacity:** 322 gal.



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## BOATS

### BOAT TESTS

## Uniesse 65 Motoryacht

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,360-hp MAN V12-1360 diesel inboards

**Transmission/Ratio:** ZF/1.97:1

**Props:** 33x44 five-blade nibrals

**Steering:** hydraulic w/ power-assist

**Price as Tested:** price on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.7 (11.0)	24.0	0.53 (0.46)	529	458	65	1.5
1250	15.9 (13.8)	40.0	0.40 (0.35)	397	345	67	4.5
1500	21.6 (18.7)	58.0	0.37 (0.32)	371	323	71	5.5
1750	27.4 (23.8)	77.0	0.36 (0.31)	355	309	79	5.0
2000	31.4 (27.3)	106.0	0.30 (0.26)	295	256	80	5.0
2250	35.9 (31.2)	138.4	0.26 (0.23)	259	225	83	4.5
2350	36.6 (31.8)	142.8	0.26 (0.23)	256	223	87	4.5

**CONDITIONS:** 92°F; humidity: 68%; wind: 15-25 mph; seas: 4'-6'; load: 350 gal. fuel, 225 gal. water, 5 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

blue hull  
second 17-kW Onan genset  
teak on flying bridge and side decks  
Side-Power stern thruster  
electric helm seat  
supports for tender  
40" Sony Bravia LCD TV in saloon

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## BOATS

### BOAT TESTS

## Grand Banks 65 Aleutian

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Grand Banks

**LOA:** 65'4"

**Model:** 65 Aleutian

**Beam:** 19'10"

**Model Year:** 2008

**Draft:** 5'4"

**Boat Type:** Cruiser

**Weight:** 106,500 lbs. (half load)

**Standard Power:** 2/873-bhp Caterpillar C18 diesel inboards (de-tuned)

**Optional Power:** 2/1,001-bhp Caterpillar C18 diesel inboards

**Fuel Capacity:** 2,200 gal.

**Water Capacity:** 440 gal.

#### STANDARD EQUIPMENT

Maxwell hydraulic anchor windlass  
Freeman deckhouse door (starboard side)  
Naiad Marine hydraulic bow thruster  
Corian countertops  
4/Vitrifrigo refrigerator drawers and 2/freezer drawers  
Miele cooktop w/ oven  
Miele dishwasher



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## BOATS

### BOAT TESTS

## Grand Banks 65 Aleutian

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,001-bhp Caterpillar C18 diesel inboards

**Transmission/Ratio:** Twin Disc MGX-5135A/2.5:1

**Props:** 38 x 38.5 5-blade nibral ZF Faster S-Class

**Steering:** Teleflex Sea-Star hydraulic w/ engine-driven power assist

**Price as Tested:** AUD \$4,082,187

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.8 (9.3)	14.0	0.77 (0.67)	1,520	1,322	70	0.5
1250	12.6 (10.9)	20.8	0.60 (0.52)	1,195	1,039	74	0.5
1500	13.8 (12.0)	37.4	0.37 (0.32)	731	635	71	2.5
1750	15.7 (13.7)	56.6	0.28 (0.24)	549	478	72	4.5
2000	21.8 (19.0)	74.8	0.29 (0.25)	577	502	73	4.5
2350	28.2 (24.5)	106.8	0.26 (0.23)	523	455	77	4.0

**CONDITIONS:** 77°; humidity: 70%; wind: light and variable; seas: calm; load: 700 gal. fuel, 120 gal. water, 3 people, 800 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken with Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Freeman deckhouse door (port side)  
Naiad hydraulic stern thruster and hydraulic stabilizers  
22.5-kW Onan genset  
Opacmare hydraulic crane w/ Zodiac Yachtline 380 RIB and 40-hp Yamaha four-stroke outboard  
electronics package  
teak-planked side decks  
teak-and-maple soles throughout  
extra 20-gal. Seaward water heater  
fiberglass hardtop  
electronics package

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## BOATS

### BOAT TESTS

## Cranchi Zaffiro 36

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/300-hp Volvo Penta D4-EVC/DP-H diesel stern drives

**Transmission/Ratio:** Volvo Penta/ 1.85:1

**Props:** Volvo Penta G5 nibral prop set

**Steering:** Volvo Penta hydraulic w/ power-assist

**Price as Tested:** \$385,483



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## BOATS

### BOAT TESTS

## Cranchi Zaffiro 36

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cranchi

**LOA:** 36'5"

**Model:** Zaffiro 36

**Beam:** 12'9"

**Model Year:** 2008

**Draft:** 3'3"

**Boat Type:** Cruiser

**Weight:** 17,286 lbs. (w/standard fuel load)

**Standard Power:** 2/260-hp Volvo Penta D4-EVC/DP-H diesel stern drives

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.6 ( 6.6)	1.4	5.43 (1.72)	772	671	75	1.0
1500	9.6 ( 8.3)	4.8	1.99 (1.73)	283	246	76	3.0
2000	14.9 (12.9)	10.2	1.46 (1.27)	207	180	84	5.5
2500	26.2 (22.8)	13.8	1.90 (1.65)	270	235	83	3.5
3000	34.5 (30.0)	20.4	1.69 (1.47)	240	209	83	3.5
3500	40.8 (35.4)	31.0	1.31 (1.31)	187	163	85	3.0

**CONDITIONS:** 78°F; humidity: 80%; wind: 15-18 mph; seas: 0'-5'; load: 115 gal. fuel, 0 gal. water, 2 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta handheld electronic engine monitor. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

hydraulic passarelle  
teak-laid cockpit  
6/fenders w/ covers  
3-kW Volvo Penta bow thruster  
4-kW Fisher Panda genset  
aft sunshade

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## BOATS

### BOAT TESTS

## Azimut 58 Flying Bridge

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Azimut

**LOA:** 58'8"

**Model:** 58 Flying Bridge

**Beam:** 16'3"

**Model Year:** 2008

**Draft:** 4'6"

**Boat Type:** Cruiser

**Weight:** 56,000 lbs. (w/ standard fuel load)

**Standard Power:** 2/800-mhp MAN R6 diesel inboards



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## BOATS

### BOAT TESTS

## Azimut 58 Flying Bridge

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/ 800-mhp MAN R6 diesel inboards

**Transmission/Ratio:** ZF/2.037:1

**Props:** 30x42 Italian Propellers 4-blade nibral

**Steering:** BCS hydraulic power-assisted

**Price as Tested:** not available

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.4 (10.8)	11.0	1.13 (0.98)	751	653	72	1.5
1250	14.9 (13.0)	19.6	0.76 (0.66)	506	440	73	3.0
1500	20.0 (17.4)	31.2	0.64 (0.56)	427	371	75	4.0
1750	23.9 (20.7)	38.0	0.63 (0.55)	418	363	74	4.0
2000	30.8 (26.8)	57.0	0.54 (0.47)	360	313	75	4.5
2250	36.3 (31.5)	69.8	0.52 (0.45)	346	301	76	4.0
2400	37.7 (32.8)	80.4	0.47 (0.41)	312	272	78	4.5

**CONDITIONS:** 76°F; humidity: 30%; wind: 5-10 mph; seas: 2'-5'; load: 185 gal. fuel, 0 gal. water, 4 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

8-kW bow and stern thrusters  
Racor fuel-water separator for genset  
15.8-gph watermaker  
72,000-Btu Tropic Air A/C  
flying bridge covers  
crew cabin  
joystick controls  
dishwasher  
Raymarine electronics: VHF, 3/ E120 chartplotters, and autopilot

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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 63 Motor Yacht

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking Sport Cruisers

**LOA:** 62'9"

**Model:** 63 Motor Yacht

**Beam:** 16'9"

**Model Year:** 2008

**Draft:** 4'9"

**Boat Type:** Cruiser

**Weight:** 66,120 lbs.

**Standard Power:** 2/865-bhp Caterpillar C15 diesel inboards

**Optional Power:** 2/1,100-hp MAN V10-1100 CRM diesel inboards

**Fuel Capacity:** 900 gal.

**Water Capacity:** 240 gal.



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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 63 Motor Yacht

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,100-hp MAN V10 CR diesel inboards

**Transmission/Ratio:** ZF/1.97:1

**Props:** 32 x 40.5 CJR 5-blade nibrals

**Steering:** Sleipner, electric at upper helm; hydraulic w/ power assist at lower helm

**Price as Tested:** price on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.7 (11.0)	13.6	0.93 (0.81)	756	655	65	2.0
1250	15.9 (13.8)	30.6	0.52 (0.45)	421	365	71	4.0
1500	19.9 (17.3)	43.2	0.46 (0.40)	373	324	73	5.0
1750	25.0 (21.7)	56.0	0.45 (0.39)	362	314	74	5.5
2000	33.3 (29.0)	78.6	0.42 (0.37)	343	298	77	5.5
2250	37.4 (32.5)	110.8	0.34 (0.29)	273	238	82	5.0
2320	38.2 (33.2)	114.0	0.34 (0.29)	271	236	83	5.0

**CONDITIONS:** 70°F; humidity: 24%; wind: 10-15 mph; seas: 0'-2'; load: 675 gal. fuel, 112 gal. water, 3 people, 1,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

engine upgrade  
Opacmare davit  
garbage disposal  
Glendinning Cablemaster  
4/ Underwater lights  
exterior seating  
custom Sunbrella canvas  
foredeck sunpad covers  
cockpit seating covers  
Furuno electronics package including 1920C GPS/chartplotter, radar, 1944C GPS, chartplotter, radar, RD-30 speed and depth, autopilot

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## BOATS

### BOAT TESTS

## Bluewater Yachts Legacy 65

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Bluewater

**Model:** Legacy 65

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 66'10"

**Beam:** 17'10"

**Draft:** 3'0"

**Weight:** 66,000 lbs. (w/standard fuel load)

**Standard Power:** 2/540-mhp Cummins MerCruiser  
QSC8.3 diesel inboards

**Optional Power:** 2/670-mhp Cummins MerCruiser  
QSM11 diesel inboards or 2/800-mhp MAN R6-800  
diesel inboards

**Fuel Capacity:** 750 gal.

**Water Capacity:** 30 gal.



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## BOATS

### BOAT TESTS

## Bluewater Yachts Legacy 65

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/670-mhp Cummins MerCruiser QSM11 diesel inboards

**Transmission/Ratio:** ZF 325-1A/2:1

**Props:** 26x36 4-blade nibrals

**Steering:** Teleflex Sea-Star hydraulic

Price as Tested: \$1,805,142

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.4 (9.0)	8.0	1.30 (1.13)	878	763	81	0.8
1250	12.7 (11.0)	13.6	0.93 (0.81)	630	548	86	1.5
1500	13.7 (11.9)	25.4	0.54 (0.47)	363	315	84	3.0
1750	16.8 (14.6)	36.0	0.47 (0.40)	314	273	85	3.5
2000	21.7 (18.8)	50.2	0.43 (0.38)	291	253	83	4.0
2250	24.6 (21.3)	64.0	0.38 (0.33)	259	225	85	4.5

**CONDITIONS:** 79°F; humidity: 62%; wind: 15-20 mph; seas: 4'-6'; load: 695 gal. fuel, 200 gal. water, 5 people, 800 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Whirlpool dishwasher  
flying-bridge furniture (built-in sofa, lounge chair, 3/barstools, and curved settee with custom table)  
Splendide stacked washer and dryer  
TNT hydraulic swim platform w/ 15' tender  
anchor package (anchor, windlass, and 200' of chain)

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## BOATS

### BOAT TESTS

## Symbol 75

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Symbol

**LOA:** 79'1"

**Model:** 75

**Beam:** 19'6"

**Model Year:** 2008

**Draft:** 5'5"

**Boat Type:** Cruiser

**Weight:** 152,000 lbs. (w/ full load)

**Standard Power:** 2/1,652-hp Caterpillar C32 ACERT diesel inboards

**Optional Power:** none

**Fuel Capacity:** 2,000 gal.

**Water Capacity:** 350 gal.

#### STANDARD EQUIPMENT

2/25-kW Northern Lights gensets

Muir windlass



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## BOATS

### BOAT TESTS

## Symbol 75

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,652-hp Caterpillar C32 ACERT diesel inboards

**Transmission/Ratio:** ZF 2060/2.519:1

**Props:** 44x43 4-blade nibrals

**Steering:** Hynautic hydraulic w/ power assist

**Price as Tested:** price on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.1 (11.4)	18.2	0.72 (0.63)	1,296	1,127	67	0.5
1250	15.9 (13.8)	34.8	0.46 (0.40)	822	714	70	1.0
1500	17.9 (15.5)	61.0	0.29 (0.25)	527	458	72	2.0
1750	21.6 (18.8)	88.0	0.25 (0.21)	442	384	75	3.0
2000	25.0 (21.7)	131.0	0.19 (0.17)	343	298	76	3.0
2230	30.1 (26.2)	180.0	0.17 (0.15)	301	262	82	3.0

**CONDITIONS:** 80°F; humidity: 75%; wind: 12-18 mph; seas: 2'-4' chop; load: 1,000 gal. fuel, 175 gal. water, 8 people, 1,500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar MPD display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

high-gloss maple interior  
2/30-kW Northern Lights gensets  
emergency crash-pump system  
Yacht Controller remote  
shoji-pattern mirror on bulkhead in master and VIP  
Nutone central vacuum system  
14-foot Zodiac w/ 75-hp Yamaha outboard  
Paradox Marine security system  
FRP cabinet w/ GE chest freezer, sink, and stowage locker on aft deck  
12,000-Btu Marine Air A/C on flying bridge  
UMT davit  
Raymarine ST8002 Smartpilot, 218 VHF, ST60+ display

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## BOATS

### BOAT TESTS

## Apreamare Maestro 65

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Apreamare

**LOA:** 66'2"

**Model:**

**Beam:** 18'10"

**Model Year:** 2008

**Draft:** 5'0"

**Boat Type:** Cruiser

**Weight:** 99,225 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,100-hp MAN D 2840 LE 423 diesel inboards

**Optional Power:** 2/1,360-hp MAN D 2842 LE 423 diesel inboards

**Fuel Capacity:** 1,294 gal.

**Water Capacity:** 264 gal.



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## BOATS

### BOAT TESTS

## Apreamare Maestro 65

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,100-hp MAN D 2840 LE 423 diesel inboards

**Transmission/Ratio:** ZF/2.48:1

**Props:** 37x47 SBM 4-blade

**Steering:** BCS hydraulic

**Price as Tested:** \$3,624,204

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	11.3 (9.8)	12.0	0.94 (0.87)	1,097	954	67	0.0
1250	13.0 (11.3)	24.0	0.54 (0.47)	631	549	72	2.0
1500	15.0 (13.0)	42.0	0.36 (0.31)	416	362	74	4.0
1750	22.2 (19.3)	56.0	0.40 (0.34)	461	401	74	4.0
2000	26.9 (23.4)	74.0	0.36 (0.32)	423	368	77	4.0
2250	32.9 (28.6)	102.0	0.32 (0.28)	376	327	78	5.0
2360	34.8 (30.3)	116.0	0.30 (0.26)	349	304	83	4.5

**CONDITIONS:** 75°F; humidity: 62%; wind: 10-15 mph; seas: 2'-3'; load: 450 gal. fuel, 175 gal. water, 3 people, 300 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

48,000-Btu Marine Air A/C  
 Raritan ice maker  
 hardtop  
 galvanic isolator  
 Mitsubishi ARG gyro stabilizer  
 12-kW Mase auxillary genset  
 grey-water system



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## BOATS

### BOAT TESTS

## Cabo 38 Flybridge

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cabo Yachts

**LOA:** 40'8"

**Model:** 38 Flybridge

**Beam:** 15'1"

**Model Year:** 2008

**Draft:** 3'9"

**Boat Type:** Sportfisherman

**Weight:** 28,000 lbs. (light)

**Standard Power:** 2/600-hp Cummins QSC 8.3 diesel inboards

**Optional Power:** 2/715-hp Caterpillar C12 Acert diesel inboards or 2/800-mhp MAN R6-800CRM diesel inboards

**Fuel Capacity:** 475 gal.

**Water Capacity:** 95 gal.





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## BOATS

### BOAT TESTS

## Cabo 38 Flybridge

By [Capt. Patrick Sciacca](#)



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-mhp MAN R6-800 diesel inboards

**Transmission/Ratio:** ZF 325-1A/1.485:1

**Props:** 27x33 4-blade nibral

**Steering:** Teleflex hydraulic w/ power assist

**Price as Tested:** \$978,865

### The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	11.7 (10.1)	12.0	0.98 (0.84)	417	360	77	4.5
1250	15.9 (13.8)	24.0	0.66 (0.58)	283	246	79	6.5
1500	24.9 (21.7)	32.0	0.78 (0.68)	333	289	84	7.0
1750	31.9 (27.7)	40.0	0.80 (0.69)	341	296	85	6.0
2000	37.3 (32.4)	56.0	0.67 (0.58)	284	247	86	5.0
2250	41.7 (36.2)	74.0	0.56 (0.49)	241	209	86	5.0
2340	43.5 (37.8)	80.0	0.54 (0.47)	232	202	88	5.0

**CONDITIONS:** 80°F; humidity: 65%; wind: 5-10 mph; seas: 0'-2'; load: 240 gal. fuel, 95 gal. water, 4 people, 300 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

teak-and-holly galley sole  
110-volt cockpit freezer  
2/Bluewater helm chairs  
Bose 3-2-1 entertainment system  
Raritan ice maker in saloon  
handheld shower  
oil-change system  
Glendinning Cablemaster  
ZF Supershift controls  
Pipewelders tower package  
Release Marine rocket launcher  
LED lights in electronic panel  
2/Underwater Lights  
US-9 teaser reels  
12-kW Westerbeke genset  
Furuno NavNet navigation system w/ 2/10.5" displays, RD-30 depth display  
Simrad AP26 autopilot, Icom IC-M604 VHF  
EZ2CY flying-bridge enclosure

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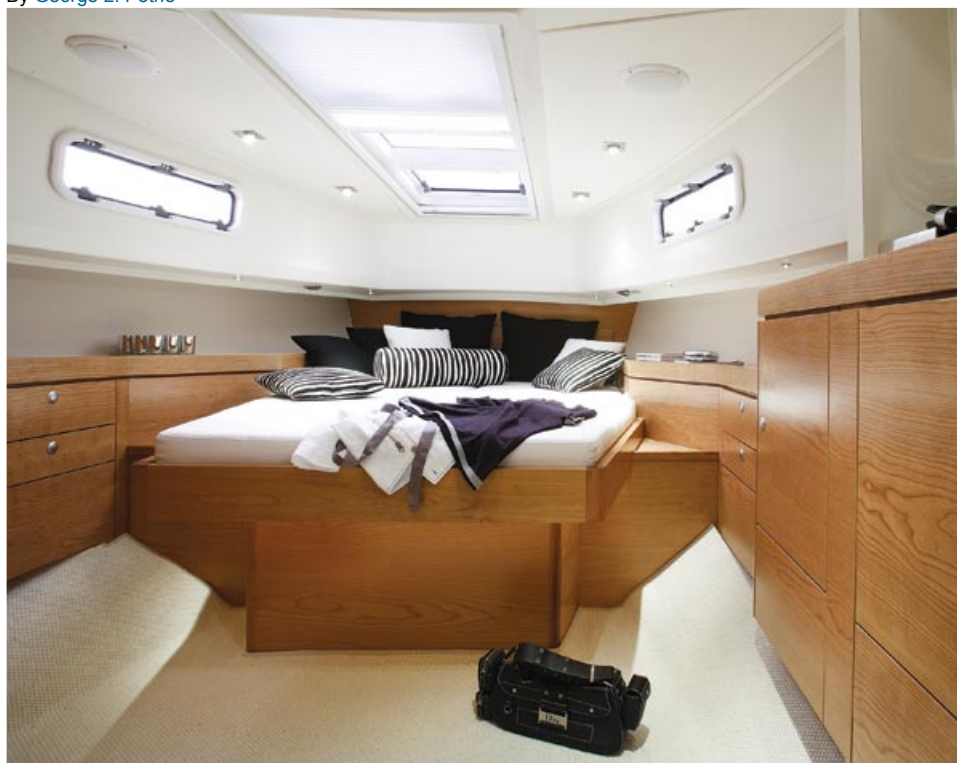
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## BOATS

### BOAT TESTS

## Fjord 40 Open

By [George L. Petrie](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Fjord

**LOA:** 39'4"

**Model:** 40 Open

**Beam:** 13'1"

**Model Year:** 2008

**Draft:** 3'6"

**Boat Type:** Cruiser

**Weight:** 16,750 lbs. (dry)

**Standard Power:** 2/300-hp Volvo Penta IPS400 drives

**Optional Power:** 2/370-hp Volvo Penta IPS500 or 2/435-hp Volvo Penta IPS600 drives

**Fuel Capacity:** 265 gal.

**Water Capacity:** 80 gal.



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## BOATS

### BOAT TESTS

## Fjord 40 Open

By [George L. Petrie](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/370-hp Volvo Penta IPS500 drives

**Transmission/Ratio:** Volvo Penta IPS/1.94:1

**Props:** Volvo Penta T5 Nibral Alloy

**Steering:** Volvo Penta electronic

Price as Tested: \$639,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.5 (8.2)	2.4	3.9 (3.4)	939	816	74	1.0
1500	11.7 (10.1)	4.8	2.4 (2.1)	579	503	75	3.5
2000	18.9 (16.4)	9.2	2.1 (1.8)	490	425	80	6.0
2500	28.2 (24.4)	15.6	1.8 (1.6)	430	374	84	6.0
3000	36.6 (31.7)	24.8	1.5 (1.3)	351	305	86	4.0
3500	42.4 (36.8)	38.6	1.1 (1.0)	262	227	88	3.0

**CONDITIONS:** 78°F; humidity: 95%; wind: 10-15 mph; seas: 0'-1'; load: 250 gal. fuel, 75 gal. water, 3 people, 75 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic control module. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine E120 plotter/GPS, ST8002 autopilot, 240E VHF  
AM/FM stereo/CD/ MP3/DVD system  
canopy enclosure for helm  
anchor windlass remote control  
extra-battery package

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## BOATS

### BOAT TESTS

## Marlow Explorer 86 CMY

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Marlow

**LOA:** 90'7"

**Model:** Explorer 86 CMY

**Beam:** 20'4"

**Model Year:** 2008

**Draft:** 4'11"

**Boat Type:** Megayacht (> 80')

**Weight:** 138,500 lbs. (w/ standard fuel load)

**Standard Power:** 2/1015-mhp Caterpillar C-18 diesel inboards

**Optional Power:** 2/1,825-mhp Caterpillar C-32 ACERT diesel inboards

**Fuel Capacity:** 1,620 gal.

**Water Capacity:** 450 gal.

#### STANDARD EQUIPMENT

Burmese teak decks and interior  
30" double tuna doors  
Aquadrive drive couplings and engine mounts  
AGM batteries w/ fiberglass boxes  
Head Hunter water pump  
ACR electronic searchlight



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## BOATS

### BOAT TESTS

## Marlow Explorer 86 CMY

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1825-mhp Caterpillar C-32 ACERT diesel inboards

**Transmission/Ratio:** ZF New Foil/ 2.5:1

**Props:** 41x46 5-blade nibrals

**Steering:** Hynautic hydraulic w/ power assist

**Price as Tested:** \$4,090,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.6 ( 9.2)	12.0	0.88 (0.77)	3,180	2,765	59	0.0
1250	11.8 (10.2)	27.8	0.42 (0.37)	1,522	1,323	59	1.0
1500	19.1 (16.6)	42.8	0.45 (0.39)	1,607	1,397	62	3.0
1750	22.7 (19.7)	59.8	0.38 (0.33)	1,367	1,188	63	1.5
2000	27.6 (24.0)	87.0	0.32 (0.28)	1,142	993	66	2.0
2250	32.0 (27.8)	133.4	0.24 (0.21)	862	750	69	2.0
2350	33.8 (29.4)	180.0	0.19 (0.16)	676	588	74	2.0

**CONDITIONS:** 76°F; humidity: 72%; wind: 18-22 mph; seas: 1'-2'; load: 450 gal. fuel, 380 gal. water, 3 people, 1,500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

FLIR night-vision security

davit

Furuno electronics package w/ 15" monitors

chilled livewell in the aft step

intercom system

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## BOATS

### BOAT TESTS

## San Juan 40 FB

By [Capt. Bill Pike](#)



**Boat Tests**

**SPECIFICATIONS**

**Builder:** San Juan

**LOA:** 40'7"

**Model:** 40 FB

**Beam:** 12'2"

**Model Year:** 2008

**Draft:** 2'2"

**Boat Type:** Down East

**Weight:** 18,000 lbs. (dry)

**Standard Power:** 2/380-hp Yanmar 6LY3-UTP diesel inboards

**Optional Power:** 2/480-hp Yanmar 6LY3A-ETP diesel inboards

**Fuel Capacity:** 300 gal.

**Water Capacity:** 80 gal.

## STANDARD EQUIPMENT

Muir Atlantic 850 windlass  
Side-Power bow and stern thrusters  
Lewmar deck hatch  
Force 10 cooktop  
Glacier holding-plate refrigerator  
Cantalupi interior lights  
Sealand Traveler MSD  
4/Northstar 8D AGM batteries (2/start and 2/house)  
6-kW Northern Lights genset  
3000W Mastervolt inverter/charger  
2/Marine Air 18,000-Btu A/C units (cabin and pilothouse)  
PYI dripless shaft logs  
Groco ARG-2000-S sea strainers (mains)  
simplex Racor 500MA fuel-water separators  
Reverso oil changer  
Sea-Fire FE241 auto. fire-extinguishing system  
Lenco electric trim tabs w/ custom planes

## OPTIONAL EQUIPMENT

Simrad AP26 autopilot  
Furuno NavNet 1834C radar/plotter/GPS/sounder  
U-Line ice maker  
Alpine AM/FM stereo/CD player w/ 8 speakers  
exterior teak decking  
removable teak cockpit table  
opening side windows in windshield

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## BOATS

### BOAT TESTS

## San Juan 40 FB

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/480-hp Yanmar 6LY3A-ETP

**Transmission/Ratio:** ZF 280A/2:1

**Props:** 22x30 ZF Faster 4-blade nibral

**Steering:** Marol Pro hydraulic

**Price as Tested:** \$1,200,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.5 (8.3)	1.4	6.79 (5.90)	1,832	1,593	69	0.0
1500	12.3 (10.7)	7.8	1.57 (1.37)	424	369	76	2.5
2000	21.7 (18.9)	14.6	1.49 (1.29)	401	49	78	1.0
2500	30.6 (26.6)	22.4	1.36 (1.19)	368	320	82	1.5
3000	38.1 (33.1)	33.6	1.13 (0.99)	306	266	87	1.5
3300	40.9 (35.6)	51.6	0.79 (0.69)	214	186	88	4.0

**CONDITIONS:** temperature: 72°F; humidity: 52%; wind: 15-25 mph; seas: 6'-8'; load: 290 gal. fuel, 60 gal. water, 3 people, and 70 lbs. of gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH extrapolated from manufacturer-supplied fuel curves. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Simrad AP26 autopilot

Furuno NavNet 1834C radar/plotter/GPS/sounder

U-Line ice maker

Alpine AM/FM stereo/CD player w/ 8 speakers

exterior teak decking

removable teak cockpit table

opening side windows in windshield

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## BOATS

### BOAT TESTS

## Horizon 68

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Horizon

**LOA:** 69'10"

**Model:** 68

**Beam:** 20'6"

**Model Year:** 2008

**Draft:** 5'0"

**Boat Type:** Cruiser

**Weight:** 121,660 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,000-hp Caterpillar C18 diesel inboards

**Fuel Capacity:** 1,400 gal.

**Water Capacity:** 360 gal.



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## BOATS

### BOAT TESTS

## Horizon 68

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,000-hp Caterpillar C18 diesel inboards

**Transmission/Ratio:** ZF 550A/2.517:1

**Props:** 37x36.5 4-blade bronze

**Steering:** Hynautic, power-assisted

**Price as Tested:** \$3,125,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.9 (8.6)	14.4	0.69 (0.60)	866	753	63	0.5
1250	12.2 (10.6)	21.0	0.58 (0.51)	732	637	67	0.5
1500	14.0 (12.2)	35.2	0.40 (0.35)	501	436	63	1.0
1750	14.8 (12.9)	50.8	0.29 (0.25)	367	319	66	2.0
2000	17.8 (15.4)	70.4	0.25 (0.22)	318	276	67	3.0
2250	21.6 (18.7)	91.0	0.24 (0.21)	298	259	69	3.0
2365	23.3 (20.2)	101.0	0.23 (0.20)	290	252	69	3.0

**CONDITIONS:** 65°F; humidity: 68%; wind: 5 mph; seas: flat; load: 1,050 gal. fuel, 270 gal. water, 4 people, 250 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from CAT electronic display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

38-hp American Bow Thruster stern thruster  
skylounge package  
high-gloss varnished interior  
five-cabin layout  
teak caprails  
teak main deck  
Trac stabilizers  
FT nav. monitoring systems

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## BOATS

### BOAT TESTS

## Scout 350 Abaco

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Scout

**Model:** 350 Abaco

**Model Year:** 2008

**Boat Type:** Sportfisherman

**LOA:** 38'10" w/ pulpit

**Beam:** 11'11"

**Draft:** 2'2"

**Weight:** 15,900 lbs. (w/ standard fuel load)

**Standard Power:** 2/350-hp F350 Yamaha gasoline outboards

**Optional Power:** similarly rated outboards from other manufacturers

**Fuel Capacity:** 330 gal.

**Water Capacity:** 60 gal.



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## BOATS

### BOAT TESTS

## Scout 350 Abaco

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/350-hp Yamaha F350 gasoline outboards

**Transmission/Ratio:** Yamaha/ 1.73:1

**Props:** 16x19 3-blade

**Steering:** Sea Star hydraulic w/ power-assist

**Price as Tested:** \$360,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	6.6 (5.8)	3.0	2.20 (1.93)	653	574	64	1.0
2000	9.5 (8.3)	9.0	1.06 (0.92)	314	273	68	3.5
3000	11.2 (9.7)	19.0	0.59 (0.51)	175	152	78	7.5
4000	30.1 (26.2)	26.0	1.16 (1.01)	344	299	85	6.0
5000	43.1 (37.5)	37.0	1.16 (1.01)	346	301	86	4.0
6000	51.0 (44.3)	48.0	1.06 (0.92)	316	274	88	4.5
6100	51.8 (45.0)	68.0	0.76 (0.66)	226	197	88	4.5

**CONDITIONS:** 78°F; humidity: 87%; wind: 15-30 mph; seas: 0'-1'; load: 260 gal. fuel, 60 gal. water, 4 people, 600 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Yamaha electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Glendinning Cablemaster w/ 50' cord  
lift-out Rupp 'riggers w/ 2/integrated teaser reels  
tuna tower  
hull color  
powder-coating for hardtop frame

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## BOATS

### BOAT TESTS

## Albemarle 290XF

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Albemarle

**LOA:** 30'6"

**Model:** 290XF

**Beam:** 10'9"

**Model Year:** 2008

**Draft:** 2'8"

**Boat Type:** Sportfisherman

**Weight:** 12,500 lbs. (dry)

**Standard Power:** 2/315-hp Yanmar 6LPA-STP diesel inboards

**Optional Power:** 2/370-hp MerCruiser 8.1 Horizon gasoline inboards or 350-mhp Cummins MerCruiser QSD4.2-350 diesel inboards

**Fuel Capacity:** 265 gal.

**Water Capacity:** 28 gal.



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## BOATS

### BOAT TESTS

## Albemarle 290XF

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/315-hp Yanmar 6LPA-STP diesel inboards

**Transmission/Ratio:** Konzaki KMH50A/2.40:1

**Props:** 21x26 four-blade nibrals

**Steering:** Teleflex Sea-Star hydraulic (no power-assist)

**Price as Tested:** \$304,230

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1500	8.8 (7.7)	3.8	2.32 (2.01)	552	480	84	2.0
2000	9.7 (8.4)	5.8	1.67 (1.45)	399	347	85	6.0
2500	17.5 (15.2)	10.4	1.68 (1.46)	400	348	89	10.0
3000	26.2 (22.8)	16.6	1.58 (1.37)	376	327	91	7.0
3500	31.6 (27.5)	26.0	1.22 (1.06)	290	252	93	6.0
3840	34.3 (29.8)	35.4	0.97 (0.84)	231	201	94	6.0

**CONDITIONS:** 78°F; humidity: 85%; wind: light and variable; seas: 1' or less; load: 190 gal. fuel, 30 gal. water, 3 people, 50 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from manufacturer-supplied fuel curves. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Lee Millenium Series outriggers  
 Ashley Welding tower w/full enclosure  
 Jensen TV and DVD/CD player  
 4-kW Fischer Panda genset  
 7,000-Btu A/C system  
 coaming pads  
 Maxwell Freedom 500 windlass w/ ground tackle  
 hull color  
 teak-and-holly sole

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## BOATS

### BOAT TESTS

## Regal 5260 Sport Yacht

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Regal

**LOA:** 53'0"

**Model:** 5260 Sport Yacht

**Beam:** 15'4"

**Model Year:** 2008

**Draft:** 3'10"

**Boat Type:** Cruiser

**Weight:** 34,400 lbs. (dry)

**Model Year:** 2008**Draft:** 3'10"**Boat Type:** Cruiser**Weight:** 34,400 lbs. (dry)**Standard Power:** 2/435-mhp Volvo Penta IPS 600s**Optional Power:** none**Fuel Capacity:** 450 gal.**Water Capacity:** 225 gal.

---

**STANDARD EQUIPMENT**

Danforth compass  
 Raymarine RAY DSC 215 VHF, E120 GPS/chartplotter w/ depthsounder and interface system for saloon TV display  
 Corian countertops  
 Handcraft innerspring mattresses  
 2/Dometic MasterFlush MSDs  
 Instant-Flow hot-water heater  
 IsoTherm refrigerator  
 Kenyon two-burner cooktop  
 Tappan microwave/convection oven  
 10-kW Westerbeke genset  
 36,000-Btu Marine Air A/C  
 2/100-amp ProNautic 1250 battery chargers  
 1/8D lead/acid battery (house) and 2/Gp 31 sealed batteries (engine start)  
 Bennett trim tabs  
 3/Perko bronze sea strainers (1/genset, 2/A/C)  
 3/Racor fuel-water separators  
 X-Change-R oil-changing system  
 Fireboy auto. fire-extinguishing system

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**OPTIONAL EQUIPMENT**

extra Raymarine electronics  
 TDS (Teak Decking Systems) teak cockpit/swim platform decking  
 solid tongue-and-groove interior sole  
 8' Avon RIB w/ Mercury outboard  
 upgrade to 12-kW Westerbeke genset  
 36,000-Btu Marine Air cockpit A/C

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## BOATS

### BOAT TESTS

## Regal 5260 Sport Yacht

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/435-mhp Volvo Penta IPS 600s

**Transmission/Ratio:** Volvo Penta IPS 600/1.82:1

**Props:** T3

**Steering:** Volvo Penta IPS electric

**Steering:** Volvo Penta IPS electric

**Price as Tested:** \$894,629

## The Numbers

RPM	(KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.0 (6.9)	1.6	4.97 (4.32)	2236	1944	60	0.0
1500	10.0 (8.7)	5.7	1.75 (1.52)	786	683	61	1.5
2000	11.9 (10.3)	14.1	0.84 (0.73)	378	329	68	4.0
2500	19.8 (17.2)	21.8	0.91 (0.79)	408	355	70	4.0
3000	27.4 (23.8)	31.0	0.88 (0.77)	397	345	72	4.0
3540	35.8 (31.1)	43.9	0.81 (0.71)	366	319	74	4.0

**CONDITIONS:** 82°F; humidity: 86%; wind: 15-18 mph; seas: 2'-3'; load: 200 gal. fuel, 60 gal. water, 4 people, 1,200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

extra Raymarine electronics  
TDS (Teak Decking Systems) teak cockpit/swim platform decking  
solid tongue-and-groove interior sole  
8' Avon RIB w/ Mercury outboard  
upgrade to 12-kW Westerbeke genset  
36,000-Btu Marine Air cockpit A/C

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## BOATS

### BOAT TESTS

## Marquis 50 SC

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Marquis

**LOA:** 49'6" (w/ swim platform)

**Model:** 50 SC

**Beam:** 15'7"

**Model Year:** 2008

**Draft:** 3'9"

**Boat Type:** Cruiser

**Weight:** 44,500 lbs. (wet)

**Standard Power:** 3/330-hp Volvo Penta D6 IPS 450s

**Optional Power:** 3/370-hp Volvo Penta D6 IPS 500s  
or 2/435-hp Volvo Penta D6 IPS 600s

**Fuel Capacity:** 506 gal.

**Water Capacity:** 160 gal.

#### STANDARD EQUIPMENT

IPS joystick control  
dual 50-amp shore power  
retractable hardtop  
6/Deka 31 series marine batteries  
Jabsco freshwater pump  
transom shower  
11-gal. water heater



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## BOATS

### BOAT TESTS

## Marquis 50 SC

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 3/435-hp Volvo Penta D6 IPS 600 diesels

**Transmission/Ratio:** Volvo Penta/1.82:1

**Props:** T5

**Steering:** Volvo Penta electric

**Price as Tested:** \$1,183,710

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.1 (8.7)	2.7	3.74 (3.22)	1,704	1,467	66	0.0
1500	13.3 (11.6)	9.9	1.34 (1.17)	612	532	71	3.0
2000	15.6 (13.6)	25.8	0.60 (0.53)	275	239	76	6.5
2500	26.8 (23.3)	36.0	0.74 (0.65)	338	294	76	5.0
3000	36.0 (31.3)	48.0	0.75 (0.65)	342	297	77	5.0
3550	43.8 (38.1)	66.0	0.66 (0.58)	302	263	81	4.0

**CONDITIONS:** 82°F; humidity: 71%; wind: 13-15 mph; seas: 3'-5'; load: 378 gal. fuel, 111 gal. water, 3 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

2/Glenninning Cablemasters

Raymarine electronics package w/ 2/E120 GPS-chartplotters, 240 VHF, 4-kW open-array radar, and ST60002 autopilot

Ocean LED underwater lights

hydraulic swim platform

teak sole for swim platform and cockpit

cockpit wet bar, Norcold refrigerator, and cockpit grill

central vacuum system

26,000-Btu Marine Air A/C w/ reverse-cycle heat

high-gloss Zebrano wood interior

3/Sole LCD TVs in master and guest staterooms

iPod dock

Malber washer-dryer combo

Surround Sound stereo upgrade

foredeck sunlounge w/ cushion

oil-change system

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## BOATS

### BOAT TESTS

## Sessa 36 Open

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sessa

**LOA:** 37'7"

**Model:** 36 Open

**Beam:** 11'5"

**Model Year:** 2008

**Draft:** 2'3"

**Boat Type:** Cruiser

**Weight:** 13,216 lbs. (dry)

**Standard Power:** 2/350-hp Yamaha F350 gasoline outboards

**Optional Power:** 3/350-hp Yamaha F350 gasoline outboards

**Fuel Capacity:** 307 gal.

**Water Capacity:** 60 gal.

#### STANDARD EQUIPMENT

light-oak veneer interior  
black leather for dinette, V-berth  
oak sole in saloon  
black-lacquer, s/s countertop in galley  
s/s galley 'fridge  
microwave



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## BOATS

### BOAT TESTS

## Sessa 36 Open

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 3/350-hp Yamaha F350 four-stroke gasoline outboards

**Transmission/Ratio:** Yamaha/1.73:1

**Props:** 15 1/2 x 21 three-blade

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** \$499,611

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	7.5 (6.5)	3.3	2.27 (1.97)	628	544	62	3.0
2000	11.3 (9.8)	10.0	1.13 (0.99)	313	273	68	3.5
3000	19.7 (17.1)	18.3	1.08 (0.93)	297	258	78	5.5
4000	37.1 (32.2)	29.4	1.26 (1.10)	348	303	81	6.0
4500	42.5 (37.0)	39.2	1.08 (0.94)	300	260	83	5.0
5000	48.0 (41.7)	49.5	0.97 (0.84)	268	233	84	4.5
5500	52.9 (46.0)	71.2	0.74 (0.65)	205	179	84	4.0
6000	55.7 (48.4)	76.5	0.73 (0.63)	201	175	88	4.0

**CONDITIONS:** 75°F; humidity: 72%; wind: 15-17 mph; seas: 1'-2'; load: 307 gal. fuel, 60 gal. water, 2 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Yamaha electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

colored hull  
Raymarine 240 VHF, C120 GPS/chartplotter, ST60002 autopilot  
10,000-Btu Marine Air A/C  
Side Power bow thruster  
2-burner Origo electric cooktop  
26" Samsung flat-panel TV  
filler cushion for dinette  
anchor chain counter  
covers for cockpit and bow cushions  
5-kW Kohler genset  
LED lights for cabin  
s/s anchor  
Sessa cutlery  
6/fender cover holders  
aft sunpad  
pot-holder kit

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## BOATS

### BOAT TESTS

## Nordlund Xpress LT 57

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/575-mhp Caterpillar C9 diesel inboards

**Transmission/Ratio:** ZF2861-V/2:1

**Props:** 30x34 4-blade Hung Shen KCA (ISO Class 1) nibrals

**Steering:** Hynautic hydraulic w/ additional Accu-Steer autopilot

**Price as Tested:** \$2,000,000



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## BOATS

### BOAT TESTS

## Nordlund Xpress LT 57

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Nordlund

**LOA:** 57'0"

**Model:** Xpress LT 57

**Beam:** 15'8"

**Model Year:** 2008

**Draft:** 3'9"

**Boat Type:** Cruiser

**Weight:** 38,700 lbs. (dry)

**Standard Power:** 2/575-mhp Caterpillar C9 ACERT diesel inboards

**Optional Power:** comparable powerplants from various other manufacturers

**Fuel Capacity:** 810 gal.

**Water Capacity:** 250 gal.

#### STANDARD EQUIPMENT

Lewmar hatches w/ Oceanair shades/screens  
Muir Atlantic 3500 windlass  
American Bow Thruster hydraulic bow thruster  
2/Crown helm chairs  
Magilite wall coverings  
granite countertops

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
650	7.3 (6.3)	1.6	4.56 (3.97)	3326	2892	57	0.3
1000	11.2 (9.7)	4.4	2.53 (2.20)	1847	1606	66	0.5
1500	15.7 (13.6)	14.8	1.06 (0.92)	771	670	66	2.5
2000	22.8 (19.8)	29.0	0.78 (0.68)	572	497	70	3.0
2500	30.9 (26.9)	54.0	0.57 (0.50)	417	363	74	3.5
2550	31.2 (27.1)	56.6	0.55 (0.48)	402	349	76	3.5

### OPTIONAL EQUIPMENT ON TEST BOAT

electronics package (3/Raymarine multipurpose GPS plotters, Raymarine autopilot, and Icom VHF)

Kenmore washer and dryer

Switlik liferaft

entertainment package (Sharp TVs, Sony DVD/ CD changer, DirectTV TracVision mobile receiver, Denon A/V system)

Cruisair A/C

Steelhead Marine SM1000R crane

Trac digital stabilizers

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## BOATS

### BOAT TESTS

## Meridian 441

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Meridian

**LOA:** 47'2"

**Model:** 441

**Beam:** 4'0"

**Model Year:** 2008

**Draft:** 3'1"

**Boat Type:** Cruiser

**Weight:** 31,233 lbs. (dry)

**Standard Power:** 2/380-mhp Cummins QSB5.9-380 diesel inboards

**Optional Power:** 2/425-mhp Cummins QSB5.9-425 or 2/480-mhp Cummins QSC5.9-480 diesel inboards

**Fuel Capacity:** 432 gal.

**Water Capacity:** 150 gal.

#### STANDARD EQUIPMENT

Quick windlass  
transom door  
2/cockpit fender lockers  
spotlight  
VHF  
depthsounder



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## BOATS

### BOAT TESTS

## Meridian 441

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-mhp Cummins QSB5.9-425 diesel inboards

**Transmission/Ratio:** ZF 85 V-drive/2.00:1

**Props:** 24x24 4-blade nibral Teignbridge

**Steering:** SeaStar hydraulic

**Price as Tested:** \$736,959

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	6.5 (5.7)	3.0	2.17 (1.88)	842	733	66	0.5
1250	8.2 (7.1)	4.8	1.70 (1.48)	660	574	67	1.0
1500	9.1 (7.9)	7.6	1.19 (1.04)	463	403	69	2.0
1750	9.4 (8.2)	12.0	0.78 (0.68)	305	265	70	3.5
2000	10.1 (8.8)	19.8	0.51 (0.44)	198	172	77	6.0
2250	18.1 (15.7)	25.4	0.71 (0.62)	277	241	76	4.5
2500	20.9 (18.2)	27.6	0.76 (0.66)	294	256	75	5.0
2750	24.8 (21.5)	32.4	0.76 (0.66)	297	258	76	5.5
3060	30.3 (26.3)	39.8	0.76 (0.66)	296	257	78	3.0

**CONDITIONS:** 73°F; humidity: 61%; wind: 15 mph; seas: 2'; load: 432 gal. fuel, 150 gal. water, 3 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft multidisplays. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

transom lights  
KVH Trac Vision TV system  
bridge hardtop  
enclosure for bridge, hardtop, and cockpit  
23" LCD TV, stereo, grill, and 'fridge on bridge  
engine oil-change and fuel-transfer systems  
overboard discharge w/ macerator  
engine-room fire-suppression system  
carpet runners  
foredeck sunpad  
raw-water washdown fore and aft  
Glendinning CableMaster  
anchor and rode  
Premium Electronics Package  
reverse-cycle A/C  
central vac  
saloon ice maker  
washer/ dryer  
master stateroom and second stateroom entertainment systems

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## BOATS

### BOAT TESTS

## Davis 70

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Davis

**LOA:** 72'10"

**Model:** 70

**Beam:** 19'6"

**Model Year:** 2008

**Draft:** 4'6" (w/ tunnels)

**Boat Type:** Sportfisherman

**Weight:** 117,000 lbs. (w/ full fuel)

**Standard Power:** 2/1,420-mhp Caterpillar 3412E diesel inboards

**Optional Power:** 2/1,875-mhp Caterpillar C32 ACERT diesel inboards

**Fuel Capacity:** 2,000 gal.

**Water Capacity:** 220 gal.

#### STANDARD EQUIPMENT

oil-change system for mains, marine gears, and genset(s)  
1/27-kW Caterpillar genset  
Davis teak helm pod w/ single-lever controls  
2/Murray Brothers helm chairs  
fresh- and saltwater washdowns



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## BOATS

### BOAT TESTS

## Davis 70

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,875-mhp caterpillar C32 ACERT diesel inboards

**Transmission/Ratio:** ZF 2070A/2.25:1

**Props:** 35x50 1/2 5-blade nibrals

**Steering:** Teleflex, power-assisted off both engines

**Price as Tested:** \$5,144,090

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.8 (8.5)	20.0	0.49 (0.42)	878	763	69	1.0
1250	14.5 (12.6)	46.0	0.31 (0.27)	565	492	76	2.5
1500	19.8 (17.2)	66.0	0.30 (0.26)	540	470	76	3.0
1750	27.2 (24.0)	94.0	0.29 (0.26)	529	460	75	3.0
2000	33.1 (28.8)	118.0	0.28 (0.24)	505	439	77	4.0
2260	36.8 (32.0)	188.0	0.20 (0.17)	352	306	77	4.0

**CONDITIONS:** 68°F; humidity: 85%; wind: 12-15 mph; seas: 2'; load: 1,500 gal. fuel, 200 gal. water, 4 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from CAT display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Naiad hydraulic bow thruster and windlass  
add'l 27-kW Caterpillar genset  
900-gpd Sea Recovery watermaker  
engine room, cockpit, and bridge A/C  
PipeWelders hydraulic outriggers  
Eskimo E600 ice machine  
custom Davis teaser reels  
ESI fuel-polishing system  
4/underwater lights  
hardtop w/ electric sunroof  
3-side EZ2CY bridge enclosure  
computer-controlled electrical system  
steam bath in master

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## BOATS

### BOAT TESTS

## Ocean 58 Super Sport

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Ocean

**Model:** 58 Super Sport

**Model Year:** 2008

**Boat Type:** Sportfisherman

**LOA:** 57'11" (60'9" w/bow pulpit)

**Beam:** 16'10"

**Draft:** 4'4"

**Weight:** 57,570 lbs. (w/standard fuel load)

**Standard Power:** 2/1,550-mhp MAN CRM diesel inboards

**Optional Power:** 2/1,100-mhp MAN V10 1100 CRM, 2/1,360-mhp MAN V12 1360 CRM, or 2/1,675-mhp Caterpillar C32 diesel inboards

**Fuel Capacity:** 1,150 gal.

**Water Capacity:** 200 gal.



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## BOATS

### BOAT TESTS

## Ocean 58 Super Sport

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-mhp MAN V12 1550 CRM diesel inboards

**Transmission/Ratio:** ZF 2050A/2.029:1

**Props:** 34x48 H&S nibral 5-blade

**Steering:** Hynautic hydraulic w/ power assist off starboard engine

Price as Tested: \$2,415,870

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	14.3 ( 8.3)	26.0	0.55 (0.32)	569	330	76	3.0
1250	21.3 (18.5)	40.0	0.53 (0.46)	550	478	79	4.5
1500	27.4 (23.8)	60.0	0.46 (0.40)	473	411	83	5.5
1750	33.6 (29.2)	88.0	0.38 (0.33)	395	343	86	6.0
2000	38.0 (33.0)	118.0	0.32 (0.28)	333	290	87	5.5
2250	43.0 (37.4)	144.0	0.30 (0.26)	309	269	87	5.0
2350	44.4 (38.6)	160.0	0.28 (0.24)	287	249	87	5.0

**CONDITIONS:** 77°F; humidity: 70%; wind: 20-25 mph; seas: 3'-5'; load: 1,150 gal. fuel, 250 gal. water, 3 people, 1,500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

24-volt Vetus bow thruster  
teak coamings  
2/Miya Epoch US-Super 8 electric teaser reels recessed in hardtop  
Caterpillar electronic controls  
2/39' Rupp outriggers w/ triple-box spreaders and flying- bridge release  
Northstar electronics package w/ 4/6100i displays  
Amtico flooring  
3-sided EZ2CY enclosure  
Braun trash compactor

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## BOATS

### BOAT TESTS

## Altima 56

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Altima

**LOA:** 57'10"

**Model:**

**Beam:** 17'4"

**Model Year:** 2008

**Draft:** 4'8"

**Boat Type:** Sportfisherman

**Weight:** 58,000 lbs. (dry)

**Standard Power:** 2/575-hp Cummins QSM11 diesel inboards

**Optional Power:** 2/670-hp or 2/715-hp Cummins QSM11 or 2/800-mhp Caterpillar C15 diesel inboards



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## BOATS

### BOAT TESTS

## Altima 56

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/715-hp Cummins QSM11 diesel inboards

**Transmission/Ratio:** ZF-325 1A/2.04:1

**Props:** 32x32 4-blade nibrals

**Steering:** Teleflex hydraulic

**Price as Tested:** \$1,395,200

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.2 (8.9)	6.4	1.59(1.39)	1,291	1,123	66	0.5
1250	11.7 (10.1)	12.0	0.97 (0.84)	786	684	69	0.5
1500	13.8 (12.0)	20.2	0.68 (0.59)	551	479	72	1.5
1750	15.7 (13.7)	31.8	0.49 (0.43)	400	348	74	2.5
2000	17.0 (14.8)	42.0	0.40 (0.35)	328	285	76	4.5
2310	23.7 (20.6)	68.0	0.35 (0.30)	282	245	78	4.0

**CONDITIONS:** 75°F; humidity: 65%; wind: 5-10 mph; seas: 2'-3'; load: 800 gal. fuel, 250 gal. water, 3 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft electronic monitor. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

add'l 9-kW Onan genset w/ soundshield  
10.5-hp Side-Power bow and stern thrusters  
Algae-X FPS 500 fuel-polishing system  
hardtop w/ enclosure  
4/Sub-Zero refrigerator-freezer drawers  
3/LCD TV, DVD player, and AM/FM stereo/CD player systems  
U-Line refrigerator-freezer and Jenn-Air electric barbecue on bridge  
Opacmare 3310 hydraulic swim platform

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## BOATS

### BOAT TESTS

## Jarrett Bay 63

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Jarrett Bay

**LOA:** 63'0"

**Model:** 63

**Beam:** 18'6"

**Model Year:** 2008

**Draft:** 5'4"

**Boat Type:** Sportfisherman

**Weight:** 80,000 lbs. (dry, approx.)

**Standard Power:** 2/1,500-hp MTU 10V2000CR M93 diesel inboards

**Optional Power:** 1/1,825-mhp Caterpillar C32 ACERT diesel inboards



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## BOATS

### BOAT TESTS

## Jarrett Bay 63

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,825-mhp Caterpillar C32 diesel inboards

**Transmission/Ratio:** Twin Disc/1.74:1

**Props:** 34 1/2x45 4-blade S&S medium cup Steering: SeaStar hydraulic w/ power assist

**Price as Tested:** price on request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/G)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.8 (12.0)	26.0	0.53 (0.46)	955	831	84	2.5
1250	21.1 (18.3)	48.0	0.44 (0.38)	791	688	85	4.5
1500	29.8 (25.9)	68.8	0.43 (0.38)	780	678	87	5.0
1750	36.4 (31.6)	98.8	0.37 (0.32)	662	576	91	5.0
2000	42.2 (36.7)	113.6	0.37 (0.32)	669	581	92	4.0
2250	46.6 (40.5)	162.0	0.29 (0.25)	518	450	93	3.5
2236	48.2 (41.9)	190.4	0.25 (0.22)	456	396	94	3.5

**CONDITIONS:** 52°F; humidity: 57%; wind: 15-20 mph; seas: 3'-4' chop; load: 2,000 gal. fuel, 250 gal. water, 4 people, 1,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar MPD display. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

5/barrel chairs on flying bridge  
Rupp hydraulic outriggers  
electric teaser reels  
teak helm and companion seats  
EZ2CY flying-bridge curtains  
video camera in engine room, pump room, and cockpit  
custom teak helm pod  
custom flying-bridge hardtop w/ Bausch-American piping  
onyx counter and nightstand top in master stateroom and master and guest heads  
2/21.5-kW Caterpillar gensets  
10/tuna tubes  
Release offset fighting chair w/ rocket launchers and bait tray  
electric saloon entry door  
1,800-gpd Sea Recovery watermaker  
3/Headhunter MSDs  
cherrywood throughout saloon and accommodation area  
central vacuum  
wainscoting in companionway  
granite countertops in galley  
cherry and holly sole in galley  
pull-out two-burner electric cooktop

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## BOATS

### BOAT TESTS

## Riviera 45 Open Flybridge

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riviera

**LOA:** 51'3"

**Model:** 45 Open Flybridge

**Beam:** 15'9"

**Model Year:** 2008

**Draft:** 3'11"

**Boat Type:** Cruiser

**Weight:** 39,400 lbs. (dry)

**Standard Power:** 2/661-bhp Cummins Marine QSM11-670 HO diesel inboards

**Optional Power:** 2/715-mhp Caterpillar C12 ACERT diesel inboards

**Fuel Capacity:** 608 gal.

**Water Capacity:** 132 gal.



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## BOATS

### BOAT TESTS

## Riviera 45 Open Flybridge

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/715-mhp Caterpillar C12 ACERT diesel inboards

**Transmission/Ratio:** Twin Disc MGX-5095A/1.81:1

**Props:** 27 1/2 x 35 1/2 Veem 4-blade nibral

**Steering:** Teleflex SeaStar hydraulic (no power-assist)

**Price as Tested:** \$1,081,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
700	8.7 (7.5)	6.8	1.27 (1.11)	696	605	63	0.5
1000	10.8 (9.3)	13.6	0.79 (0.69)	433	376	67	1.5
1250	11.1 (9.7)	22.4	0.50 (0.43)	271	236	71	4.0
1500	18.9 (16.4)	28.2	0.67 (0.58)	366	318	73	5.0
1750	24.8 (21.6)	38.4	0.65 (0.56)	353	307	75	5.5
1900	28.8 (25.0)	46.0	0.63 (0.54)	343	298	78	5.0
2000	31.6 (27.5)	50.0	0.63 (0.55)	346	301	79	4.5
2350	39.7 (34.5)	72.0	0.55 (0.48)	302	262	84	3.5

**CONDITIONS:** 37°; humidity: 54%; wind: 20-25 mph; seas: 1'-2'; load: 450 gal. fuel, 130 gal. water, 3 people, 1,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

custom electronics package  
hull color  
HRO watermaker w/purifier  
cockpit awning (half)  
Fisher-Paykel dishwasher  
Splendide Comb-O-Matic washer/dryer  
duplex Racors (for mains)  
SeaVision underwater lights

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## BOATS

### BOAT TESTS

## Bertram 700

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Bertram

**Model:** 700

**Model Year:** 2008

**Boat Type:** Sportfisherman

**LOA:** 74'2" w/ pulpit

**Beam:** 18'8"

**Draft:** 6'0"

**Weight:** 116,404 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,825-hp MTU 12V 2000 M72 diesel inboards

**Optional Power:** 2/2,200-hp MTU 16V 2000 CR diesel inboards

**Fuel Capacity:** 2,008 gal.

**Water Capacity:** 350 gal.

#### STANDARD EQUIPMENT

Kahlenberg air horns  
systems monitor w/ alarms



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## BOATS

### BOAT TESTS

## Bertram 700

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/2,200-hp MTU 16V 2000CR diesel inboards

**Transmission/Ratio:** ZF 23060A/2.03:1

**Props:** 371/2x47 5-blade nibrals

**Steering:** BCS power-assisted off electric motor

**Price as Tested:** Upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.2 (11.4)	36.0	0.37 (0.32)	660	574	72	3.0
1250	17.9 (15.5)	72.0	0.25 (0.22)	448	390	83	4.5
1500	24.9 (21.6)	90.0	0.28 (0.24)	499	434	81	4.5
1750	30.0 (26.1)	122.0	0.25 (0.21)	444	386	85	5.0
2000	35.7 (31.0)	164.0	0.22 (0.19)	393	342	89	5.5
2250	40.8 (35.5)	214.0	0.18 (0.17)	322	280	91	5.0
2495	44.1 (38.3)	246.0	0.19 (0.17)	305	265	91	5.0

**CONDITIONS:** 74°F; humidity: 68%; wind: 10 mph; seas: 4'; load: 1,000 gal. fuel, 175 gal. water, 4 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Diesel Systems engine monitors. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

ZF single-lever side-mount controls  
upgrade sofa to leather  
recliner in saloon  
ARC antiroll gyrostabilizer  
rod locker and freezer on bridge  
3/under-water lights  
premium audio/visual package  
master-stateroom windows  
sheets  
Eskimo ice maker for transom killbox  
upgraded carpet  
saloon Plan B  
teak cockpit sole  
overhead rod locker in saloon  
600-gpd watermaker  
fighting chair  
polished rails  
second freezer under mezzanine  
PipeWelders tuna tower  
teak coaming and covering boards  
mezzanine A/C  
upgraded electronics

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## BOATS

### BOAT TESTS

## Sea Ray 47 SB

By [Capt. Grant Rafter](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 50'8"

**Model:** 47 SB

**Beam:** 14'8"

**Model Year:** 2008

**Draft:** 4'2"

**Boat Type:** Cruiser

**Weight:** 37,500 lbs: (dry)

**Standard Power:** 2/574-hp Cummins MerCruiser  
QSC-600 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 530 gal.



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## BOATS

### BOAT TESTS

## Sea Ray 47 SB

By [Capt. Grant Rafter](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/574-hp Cummins MerCruiser QSC-600 diesel V-Drives

**Transmission/Ratio:** ZF/2.011:1

**Props:** 26x26 4-blade Teignbridge nibral

**Steering:** Teflex hydraulic w/ power assist

**Price as Tested:** \$1,162,937

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.8 (7.7)	1.6	5.50 (4.78)	2624	2281	64	0.5
1500	11.3 (9.8)	6.5	1.74 (1.51)	829	721	67	2.5
2000	13.4 (11.7)	14.6	0.92 (0.80)	438	381	72	6.0
2500	23.0 (20.0)	21.6	1.06 (0.93)	508	442	74	6.0
2800	28.9 (25.1)	28.4	1.02 (0.88)	485	422	74	6.5
3000	32.3 (28.1)	31.1	1.04 (0.90)	495	431	78	5.5
3050	32.8 (28.5)	32.2	1.02 (0.89)	486	423	76	5.5

**CONDITIONS:** 86°F; humidity: 93%; wind: 0-5 mph; seas: 0'-1'; load: 521 gal. fuel, 117 gal. water, 5 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft electronic monitor. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

18,000-Btu bridge A/C  
bow and stern thrusters  
DSS satellite TV system HD  
s/s cockpit door and flip-up window  
aft benchseat on deck bridge  
Bose entertainment system  
Raymarine electronics package  
19" master and 15" VIP LCD TVs

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## BOATS

### BOAT TESTS

## Riva SportRiva 56

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riva

**LOA:** 57'8"

**Model:** SportRiva 56

**Beam:** 15'3"

**Model Year:** 2008

**Draft:** 4'7"

**Boat Type:** Cruiser

**Weight:** 63,234 lbs. (full load)

**Standard Power:** 2/900-hp MAN V8-900 CRM diesel  
V-drives

**Optional Power:** none

**Fuel Capacity:** 660 gal.

**Water Capacity:** 145 gal.

#### STANDARD EQUIPMENT

66-lb. anchor w/ 246-ft. 10-mm chain

8.7-hp bow thruster

electro-hydraulic gangway



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## BOATS

### BOAT TESTS

## Riva SportRiva 56

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/900-hp MAN V8 diesel V-drives

**Transmission/Ratio:** Twin Disc/1.92:1

**Props:** 29.9x41.3 five-blade nibrals

**Steering:** BCS hydraulic w/ power assist

Price as Tested: not available

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.8 (9.4)	12.9	0.84 (0.73)	499	434	74	0.5
1250	12.5 (10.9)	27.5	0.45 (0.40)	267	238	75	1.5
1500	16.8 (14.6)	41.5	0.40 (0.35)	238	208	77	3.0
1750	23.1 (20.1)	58.9	0.39 (0.34)	232	202	81	2.0
2000	30.2 (26.3)	71.8	0.42 (0.37)	249	220	85	1.5
2250	35.8 (31.2)	90.3	0.40 (0.34)	238	202	86	1.5

**CONDITIONS:** 70°F; humidity: 61%; wind: 5-10 mph; seas: 1'; load: 290 gal. fuel, 28 gal. water, 6 people, 560 lbs. gear. Speeds are two-way averages measured w/ GPS. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB(A) is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

hull paint  
17-gph Hydromar watermaker  
washer-dryer  
teak deck on flying bridge  
bimini top  
15" LCD TVs in guest cabins  
48-mile Raymarine radar

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## BOATS

### BOAT TESTS

## Viking 60

By [Capt. Patrick Sciacca](#)



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### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking

**Model:** 60

**Model Year:** 2008

**Boat Type:** Sportfisherman

**LOA:** 60'8"

**Beam:** 18'9"

**Draft:** 5'1"

**Weight:** 91,300 lbs. (w/ standard fuel load)

**Standard Power:** 2/1,550-mhp MAN V12 1550 CRM diesel inboards

**Optional Power:** 2/1,825-mhp Caterpillar C32 ACERT diesel inboards



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## BOATS

### BOAT TESTS

## Viking 60

By [Capt. Patrick Sciacca](#)



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### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,825-mhp Caterpillar C32 ACERT diesel inboards

**Transmission/Ratio:** ZF 2070A/2.25:1

**Props:** 5-blade Veem w/ Interceptors (dimensions proprietary)

**Steering:** SeaStar hydraulic w/ power assist

Price as Tested: \$3,105,434

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.4 (11.7)	22.8	0.59 (0.51)	857	748	82	3.5
1250	21.2 (18.4)	39.6	0.54 (0.47)	781	679	84	4.0
1500	28.8 (25.0)	64.0	0.45 (0.39)	656	570	85	5.2
1750	35.2 (30.6)	92.0	0.38 (0.33)	558	485	92	4.8
2000	41.4 (36.0)	108.0	0.38 (0.33)	558	485	93	4.0
2250	46.5 (40.5)	162.0	0.29 (0.25)	419	365	93	3.5
2300	48.2 (41.9)	188.0	0.26 (0.22)	374	325	93	3.5

**CONDITIONS:** 75°F; humidity: 60%; wind: 20-30 mph; seas: 4'-6'; load: 800 gal. fuel, 150 gal. water, 4 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

crossover berths in VIP  
refrigerated box under starboard mezzanine step  
Sea Recovery 700-gpd watermaker  
transom coaming  
Bahama blue hull color  
Eskimo ice machine  
double-stack s/s bait trays in mezzanine box  
granite countertops in galley and master head  
electrically opened saloon door  
saloon sofa Ultraleather upgrade  
Palm Beach tuna tower  
electronics package w/ Furuno NavNet system w/ 3/15" displays, autopilot  
Northstar 6100i GPS/plotter

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## BOATS

### BOAT TESTS

## Ovation 52

By [Capt. Bill Pike](#)



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### Boat Tests

#### SPECIFICATIONS

**Builder:** Ovation

**LOA:** 52'0"

**Model:**

**Beam:** 16'4"

**Model Year:** 2008

**Draft:** Draft: 4'0"

**Boat Type:** Cruiser

**Weight:** 47,000 lbs. (dry)

**Standard Power:** 3/370-mhp Volvo Penta IPS 500s

**Optional Power:** 3/435-mhp Volvo Penta IPS 600s

**Fuel Capacity:** 610 gal.



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## BOATS

### BOAT TESTS

## Ovation 52

By [Capt. Bill Pike](#)



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### TEST BOAT SPECIFICATIONS

**Test Engine:** 3/435-mhp Volvo Penta IPS 600s

**Transmission/Ratio:** Volvo Penta IPS 500/1.82:1

**Props:** T2

**Steering:** Volvo Penta IPS electric

**Price as Tested:** \$1,448,987

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.3 (7.2)	2.1	3.93 (3.42)	2157	1875	64	0.5
1500	11.0 (9.6)	6.0	1.83 (1.59)	1007	875	69	1.0
2000	13.1 (11.3)	16.8	0.78 (0.68)	426	371	71	3.5
2500	16.0 (13.9)	30.3	0.53 (0.46)	289	251	75	5.5
3000	22.3 (19.4)	51.0	0.44 (0.38)	240	209	77	7.0
3540	33.3 (29.0)	66.0	0.50 (0.44)	277	241	78	6.0

**CONDITIONS:** 75°F; humidity: 80%; wind: 18-22 mph; seas: 4'-6'; load: 460 gal. fuel, 100 gal. water, 5 people, 400 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine electronics package  
entertainment package  
32,000-Btu Marine Air flying-bridge A/C  
hardtop w/ EZ2CY enclosure  
hardwood flooring  
KVH satellite TV system  
Fluid Tech under-water lights  
Dan Smith Associates accent lighting  
Nautical Structures davit

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## BOATS

### BOAT TESTS

## Formula 350 Sun Sport

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Formula

**LOA:** 35'0"

**Model:** 350 Sun Sport

**Beam:** 10'9"

**Model Year:** 2008

**Draft:** 3'3"

**Boat Type:** Cruiser

**Weight:** 13,470 lbs. (w/ standard fuel load)

**Standard Power:** 2/320-hp Mercury Marine MX 6.2 MPI Bravo Three gasoline stern drives

**Optional Power:** gasoline and diesel stern drives from MerCruiser and Volvo Penta to 425 hp apiece



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## BOATS

### BOAT TESTS

## Formula 350 Sun Sport

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-hp MerCruiser 496 MAG HO SeaCore Bravo Three stern drives

**Transmission/Ratio:** Bravo Three/2:1

**Props:** 15x13 3/4x28 3-blade s/s

**Steering:** Teleflex Sea Star hydraulic controls: Mercury DTS (Digital Throttle & Shift)

**Price as Tested:** \$371,280

## The Numbers


RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1500	10.5 (9.1)	9.1	1.15 (1.00)	179	155	76	2.5
2000	12.6 (10.9)	14.5	0.87 (0.75)	134	117	83	5.0
2500	22.7 (19.7)	19.5	1.16 (1.01)	180	157	81	4.0
3000	32.5 (28.2)	23.6	1.38 (1.20)	213	185	81	4.0
3500	41.1 (35.7)	30.0	1.37 (1.19)	212	184	83	3.0
4000	48.8 (42.4)	45.1	1.08 (0.94)	167	146	86	2.5
4500	54.6 (47.5)	62.5	0.87 (0.76)	135	118	87	2.0
5000	58.2 (50.6)	71.0	0.82 (0.71)	127	110	90	2.0

**CONDITIONS:** temperature: 92°; humidity: 75%; wind: 8-12 mph; seas: 1'-2'; load: 75 gal. fuel, no water, 3 people, 50 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

SmartCraft instrumentation  
 Raymarine electronics package  
 Kenwood AM/FM stereo/CD w/ iPod docking station  
 Lewmar windlass w/ chain counter  
 26" LCD HDTV/DVD player  
 7.3-kW Kohler Low-CO genset with GP 27 Delco battery  
 16,000-Btu Marine Air A/C

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## BOATS

### BOAT TESTS

## Hampton 580

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Hampton

**LOA:** 59'10"

**Model:** 580

**Beam:** 17'3"

**Model Year:** 2008

**Draft:** 4'8"

**Boat Type:** Cruiser

**Weight:** 66,000 lbs. (dry, est.)

**Standard Power:** 2/715-hp Cummins QSM 11 diesel inboards optional power | 2/775-hp Volvo Penta D12-800 or 2/900-hp Yanmar 8SY-STP diesel inboards

**Optional Power:** 2/775-hp Volvo Penta D12-800 or 2/900-hp Yanmar 8SY-STP diesel inboards

**Fuel Capacity:** 1,000 gal.

**Water Capacity:** 280 gal.



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## BOATS

### BOAT TESTS

## Hampton 580

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Transmission/Ratio:** ZF 325A/2.42:1

**Props:** 331/2x34 five-blade nibrals

**Steering:** Hynautic hydraulic, power-assisted

**Price as Tested:** \$1,592,026

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.0 ( 7.8)	5.6	1.61 (1.40)	1,446	1,258	60	0.3
1250	10.7 ( 9.3)	10.0	1.07 (0.93)	959	833	62	0.5
1500	12.3 (10.7)	17.2	0.71 (0.62)	641	557	64	1.5
1750	13.6 (11.8)	27.4	0.50 (0.43)	447	388	66	2.5
2000	15.9 (13.8)	40.4	0.39 (0.34)	353	307	69	2.0
2250	19.6 (17.0)	56.4	0.35 (0.30)	313	272	73	5.0
2525	23.8 (20.7)	77.4	0.31 (0.27)	276	240	77	5.0

**CONDITIONS:** 55°F; humidity: 70%; wind: 5 mph; seas: flat; load: 500 gal. fuel, 200 gal. water, 4 people, 500 lbs. gear. Speeds are two-way averages measured w/ onboard GPS. GPH taken from Cummins SmartCraft electronic engine monitor. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

port and starboard boarding gates  
CCTV monitoring system w/ 4 cameras  
2/isolation transformers  
15-hp SidePower stern thruster  
preplumb for watermaker  
upgrade to 20-kW Kohler genset, Miele cooktop, 30-kW Prosin inverter, and Sub-Zero 700 TCI refrigerator

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## BOATS

### BOAT TESTS

#### Africat 420

By [Capt. Grant Rafter](#)



#### Boat Tests

##### SPECIFICATIONS

**Builder:** Africat

**LOA:** 42'0"

**Model:**

**Beam:** 22'0"

**Model Year:** 2008

**Draft:** 3'0"

**Builder:** Africat

**LOA:** 42'0"

**Model:**

**Beam:** 22'0"

**Model Year:** 2008

**Draft:** 3'0"

**Boat Type:** Catamaran

**Weight:** 26,450 lbs. (w/ standard fuel load)

**Standard Power:** 2/315-hp Yanmar diesel inboards

**Optional Power:** 2/ 370-hp Volvo Penta IPS 500s or  
2/435-hp Volvo Penta IPS 600s

**Fuel Capacity:** 630 gal.

**Water Capacity:** 210 gal.

---

## STANDARD EQUIPMENT

leather upholstery  
Lewmar hatches w/ shades and mosquito screens  
hardtop on flying bridge  
Marinedeck 2000 cork sole in cockpit and flying bridge  
hot/cold cockpit shower  
freshwater deckwash  
exterior courtesy lights  
fishing bumpkin  
110-volt 50-amp shore-power cord  
Headhunter freshwater MSDs  
ice maker behind bar  
2/Coolmatic 'fridges and 2/Coolmatic freezers  
tank-monitoring system  
Raymarine VHF at helm and flying bridge, ST 6001+ autopilot, E120 chartplotter, 24-nm radar, and ST60 speed and depth  
AM/FM stereo/ CD w/ Surround Sound  
9-kW Onan genset w/ soundshield  
600-AH service battery

---

## OPTIONAL EQUIPMENT

additional control station in saloon and aft deck  
IPS joystick option  
Oceanair blinds  
Stidd helm chairs  
remote-controlled search light  
600-gpd Village Marine Tec watermaker  
flying-bridge ice maker  
in-transom livewell w/ adjacent freezer  
Bose Multi System DVD/CD/radio w/ Surround Sound  
23.5" daylight-viewable Sunbrite cockpit TV  
2/additional Raymarine E120 chartplotters and Raymarine camera in engine room and aft deck

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## BOATS

### BOAT TESTS

#### Africat 420

By [Capt. Grant Rafter](#)



#### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/370-hp Volvo Penta IPS 500s

**Transmission/Ratio:** Volvo Penta/n.a.

**Props:** T2

**Steering:** Volvo Penta electronic

**Transmission/Ratio:** Volvo Penta/n.a.

**Props:** T2

**Steering:** Volvo Penta electronic

**Price as Tested:** \$875,000 delivered

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.5 (8.3)	1.6	5.94 (5.19)	3,206	2,801	67	0.0
1500	12.3 (10.7)	4.0	3.08 (2.67)	1,661	1,444	71	1.0
2000	13.8 (12.0)	11.0	1.25 (1.09)	677	589	74	2.5
2500	21.9 (19.0)	17.8	1.23 (1.07)	663	576	75	2.5
3000	28.5 (24.8)	28.0	1.02 (0.89)	550	478	76	1.5
3250	30.2 (26.3)	34.0	0.89 (0.77)	480	417	78	1.5
3510	31.2 (27.1)	44.0	0.71 (0.62)	382	332	78	1.0

**CONDITIONS:** 82°; humidity: 66%; wind: 10-15 mph; seas: 2'-4'; load: 60 gal. fuel, 200 gal. water, 5 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

additional control station in saloon and aft deck

IPS joystick option

Oceanair blinds

Stidd helm chairs

remote-controlled search light

600-gpd Village Marine Tec watermaker

flying-bridge ice maker

in-transom livewell w/ adjacent freezer

Bose Multi System DVD/CD/radio w/ Surround Sound

23.5" daylight-viewable Sunbrite cockpit TV

2/additional Raymarine E120 chartplotters and Raymarine camera in engine room and aft deck

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## BOATS

### BOAT TESTS

## San Juan 30

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** San Juan

**LOA:** 32'7"

**Model:** 30

**Beam:** 10'2"

**Model Year:** 2008

**Draft:** 2'2"

**Boat Type:** Down East

**Weight:** 9,800 lbs. (w/ three-quarter load)

**Standard Power:** 2/260-hp Yanmar 6LPA-DTP diesel inboards

**Optional Power:** 2/315-hp Yanmar 6LPA-STP diesel inboards

**Fuel Capacity:** 155 gal.

**Water Capacity:** 34 gal.



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## BOATS

### BOAT TESTS

## San Juan 30

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/315-hp Yanmar 6LPA-STP diesel inboards

**Transmission/Ratio:** ZF63-A/2:1

**Props:** 19x27 4-blade nibrals

**Price as Tested:** \$485,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.7 (7.6)	2.4	3.63 (3.15)	489	426	80	0.5
1500	11.5 (10.0)	4.0	2.86 (2.49)	386	336	85	3.5
2000	18.1 (15.7)	6.4	2.83 (2.49)	382	332	80	4.5
2500	26.7 (23.2)	11.2	2.38 (2.07)	322	280	85	3.5
3000	33.7 (29.3)	16.6	2.03 (1.76)	274	238	87	3.0
3500	38.8 (33.7)	26.4	1.47 (1.28)	198	173	90	2.5
3800	40.7 (35.4)	35.2	1.16 (1.01)	156	136	91	2.5

**CONDITIONS:** 66°; humidity: 73%; wind: 8-12 mph; seas: 1'-3'; load: 145 gal. fuel, 15 gal. water, 3 people, 30 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Yanmar fuel curves. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Side-Power SP40 bow thruster  
 Furuno NavNet multifunction plotter  
 Simrad AP26 autopilot  
 Standard Horizon Quest VHF  
 Alpine AM/FM stereo/six-CD changer w/ infrared remote and six speakers  
 extra 8D AGM battery w/ inverter  
 U-Line cockpit ice maker  
 teak decking and extra trim

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## BOATS

### BOAT TESTS

## Pershing 72

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Pershing

**Model:** 72

**Model Year:** 2008

**Boat Type:** Cruiser

**LOA:** 73'0"

**Beam:** 18'1"

**Draft:** 4'9" (laden)

**Weight:** 85,120 lbs. (dry)

**Standard Power:** 2/1,832-hp MTU 12V 2000 M93 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 1,189 gal.



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## BOATS

### BOAT TESTS

## Pershing 72

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 1/2,823-hp MTU 12V 2000 M93 diesels w/ Arneson ASD14 surface drives

**Transmission/Ratio:** ZF/2.276:1

**Props:** 391/4x58 Rolla five-blade

**Steering:** BCS electro-hydraulic

Price as Tested: Upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	11.0 (9.6)	26.9	0.41 (0.36)	439	385	76	n/a
1250	12.3 (10.7)	42.5	0.29 (0.25)	310	267	76	n/a
1500	13.9 (12.1)	73.4	0.19 (0.16)	203	171	75	n/a
1750*	18.5 (16.1)	98.0	0.19 (0.16)	203	171	79	n/a
1750**	26.6 (23.1)	98.0	0.27 (0.24)	289	257	79	n/a
2000	37.8 (32.9)	152.4	0.25 (0.22)	267	267	85	n/a
2250	47.5 (41.3)	173.0	0.27 (0.24)	289	257	85	n/a
2350	52.3 (45.5)	191.7	0.27 (0.24)	289	257	87	n/a

\* drives up  
\*\* drives down

**CONDITIONS:** 86°F; humidity: 57%; wind: 0-5 mph; seas: 1'; load: 175 gal. fuel, 250 gal. water, 10 people, 500 lbs. gear. Speeds are two-way averages measured w/ GPS. GPH taken from MTU fuel computers. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

retractable mooring cleats on swim platform  
extra 82' anchor chain  
folding berth in guest cabin  
silver exterior paint

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## BOATS

### BOAT TESTS

#### Ocean 37 Billfish

By [George L. Petrie](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Ocean

**LOA:** 37'8"

**Model:** 37 Billfish

**Beam:** 13'10"

**Model Year:** 2007

**Draft:** 2'6"



## Boat Tests

### SPECIFICATIONS

**Builder:** Ocean

**Model:** 37 Billfish

**Model Year:** 2007

**Boat Type:** Sportfisherman

**LOA:** 37'8"

**Beam:** 13'10"

**Draft:** 2'6"

**Weight:** 23,500 lbs. (dry)

**Standard Power:** 2/480-hp Yanmar 6LY3-ETP diesel inboards

**Optional Power:** none

**Fuel Capacity:** 417 gal.

**Water Capacity:** 75 gal.

---

### STANDARD EQUIPMENT

12,000-Btu Cruisair lower-deck A/C  
7.6-kW Westerbeke diesel genset w/ hushbox  
U-line 'fridge on bridge deck  
cockpit bait-prep center  
transom livewell  
insulated fishboxes w/ pumpout  
molded fiberglass flying bridge w/ hardtop and 3-sided enclosure  
satin-finish cherry cabinetry  
20-inch LCD TV

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## BOATS

### BOAT TESTS

#### Ocean 37 Billfish

By [George L. Petrie](#)



#### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/480-hp Yanmar 6LY3-ETP diesel inboards

**Transmission/Ratio:** Yanmar/2.43:1

**Props:** 23x35 S&S nibrail 4-blade

**Steering:** Teleflex SeaStar hydraulic



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/480-hp Yanmar 6LY3-ETP diesel inboards

**Transmission/Ratio:** Yanmar/2.43:1

**Props:** 23x35 S&S nibrals 4-blade

**Steering:** Teleflex SeaStar hydraulic

**Price as Tested:** \$581,010

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.8 (7.7)	1.4	6.29 (5.46)	2,361	2,051	82	1.0
1500	10.9 (9.5)	4.6	2.38 (2.07)	893	775	84	2.0
2000	15.6 (13.6)	13.2	1.18 (1.03)	444	385	90	6.0
2500	25.2 (21.9)	21.0	1.20 (1.04)	450	390	89	5.0
3000	32.8 (28.5)	32.4	1.01 (0.88)	379	330	86	5.0
3400	37.8 (32.8)	44.0	0.86 (0.75)	322	280	87	5.0

**CONDITIONS:** 80°; humidity: 90%; wind: 15-20 mph; seas: 3'-4'; load: 350 gal. fuel, 75 gal. water, 3 people, 75 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH from electronic control module. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

24,000-Btu helm deck A/C  
custom hull color  
Rupp outriggers  
trolling valves  
Eskimo ice machine  
electric teaser reels  
Pompanette chair  
refrigerated fishbox  
underwater lights  
windshield wipers  
custom electronics package  
commissioning and delivery

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## BOATS

### BOAT TESTS

## Baia Italia 70

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Baia

**Model:** Italia 70

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 71'2"

**Beam:** 18'6"

**Draft:** 3'5"

**Weight:** 88,200 lbs. (dry)

**Standard Power:** 2/1,825-hp Caterpillar C32 diesel inboards

**Optional Power:** 2/1,822-hp MTU 12V 2000 M93 diesel inboards



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## BOATS

### BOAT TESTS

## Baia Italia 70

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,825-hp Caterpillar C32 ACERT diesel inboards w/ Arneson surface drives

**Transmission/Ratio:** ZF/2.037:1

**Props:** 38.5x53.5 Rolla six blade

**Steering:** BCS electro-hydraulic

**Price as Tested:** \$3,844,455 (approx., plus shipping)

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.3 (10.7)	46.5	0.26 (0.23)	340	301	82	n/a
1250	13.7 (11.9)	58.1	0.24 (0.20)	314	261	84	n/a
1500	29.4 (25.5)	108.8	0.27 (0.23)	353	301	84	n/a
1750	44.0 (38.3)	163.8	0.27 (0.23)	353	301	85	n/a
2000	51.9 (45.1)	192.3	0.27 (0.23)	353	301	86	n/a
2350	57.4 (49.9)	190.2	0.30 (0.26)	392	340	88	n/a

**CONDITIONS:** 81°; humidity: 50%; wind: 5-7 mph; seas: 2'-3'; load: 870 gal. fuel, 200 gal. water, 6 people, 500 lbs. gear. Speeds are two-way averages measured w/ GPS. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

towelling cushion covers

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## BOATS

### BOAT TESTS

## Savannah 54

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Savannah

**LOA:** 56'6"

**Model:**

**Beam:** 16'6"

**Model Year:** 2007

**Draft:** 3'11"

**Boat Type:** Cruiser

**Weight:** 50,000 lbs. (dry)

**Standard Power:** 2/800-hp MAN R6-800 CRM diesel inboards

**Optional Power:** 2/900-hp MAN V8-900 CRM diesel inboards



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## BOATS

### BOAT TESTS

## Savannah 54

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-hp MAN R6 diesel inboards

**Transmission/Ratio:** ZF 325IV/ 1.175:1

**Props:** 31x41 5-blade Michigan

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** \$1,515,550

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.9 (9.5)	12.0	0.91 (0.79)	613	534	69	2.0
1250	12.5 (10.9)	22.0	0.57 (0.49)	384	333	76	3.5
1500	20.1 (17.5)	32.0	0.63 (0.55)	424	369	74	4.5
1750	27.3 (23.7)	42.0	0.65 (0.56)	438	381	76	5.0
2000	33.2 (28.9)	60.0	0.55 (0.48)	374	325	77	4.5
2250	34.3 (29.8)	74.0	0.46 (0.40)	313	272	83	3.5
2356	39.8 (34.6)	82.0	0.49 (0.42)	328	285	83	3.5

**CONDITIONS:** 80°; humidity: 60%; wind: 0-5 mph; seas: 0'-1'; load: 190 gal. fuel, 50 gal. water, 5 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

MAN emergency controls  
hydraulic swim platform  
colored hull  
cockpit trash compactor  
Edgestar combo washer-dryer  
HD DSS TV system  
shade package

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## BOATS

### BOAT TESTS

## Maritimo 48

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Maritimo Yachts

**LOA:** 51'6"

**Model:**

**Beam:** 16'9"

**Model Year:** 2007

**Draft:** 3'7"

**Boat Type:** Cruiser

**Weight:** 48,000 lbs.

**Standard Power:** 2/670-mhp Cummins QSM11 diesel inboards

**Optional Power:** none



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## BOATS

### BOAT TESTS

## Maritimo 48

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/670-mhp Cummins QSM11 diesel inboards

**Transmission/Ratio:** ZF325-1A/2:1

**Props:** 30x37.5 5-blade Teighbridge nibral

**Steering:** Marcon Hydraulics w/ power-assist off starboard engine

**Price as Tested:** \$1,296,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.5 (10.6)	7.4	1.64 (1.43)	1,404	1,221	61	0.5
1250	13.4 (11.6)	15.6	0.86 (0.74)	732	636	65	2.5
1500	17.8 (15.4)	24.4	0.73 (0.63)	622	541	68	4.5
1750	24.6 (21.4)	33.8	0.73 (0.63)	622	541	69	4.5
2000	29.9 (26.0)	43.6	0.68 (0.60)	585	509	71	5.0
2100	31.2 (27.1)	49.8	0.63 (0.54)	536	466	72	4.5
2350	36.6 (31.8)	67.0	0.55 (0.47)	466	406	75	4.5

**CONDITIONS:** air temperature: 68° degrees; humidity: 72%; wind: 4-6 mph; seas: calm; load: 700 gal. fuel, 80 gal. water, 4 persons, 400 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Cummins electronic monitoring system. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Side-Power stern thruster  
12' Avon RIB w/40-hp Yamaha outboard  
1,000-lb.-capacity Steelhead Marine WD 1000 davit w/cradle  
teak cockpit decking

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## BOATS

### BOAT TESTS

## Tiara 5800 Sovran

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Tiara

**Model:** 5800 Sovran

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 57'10"

**Beam:** 15'10"

**Draft:** 3'4"

**Weight:** 40,500 lbs.

**Standard Power:** 3/435-mhp Volvo Penta IPS 600  
diesels

**Optional Power:** none

**Fuel Capacity:** 650 gal.



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## BOATS

### BOAT TESTS

## Tiara 5800 Sovran

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 3/435-mhp Volvo Penta IPS600 diesels

**Transmission/Ratio:** IPS 600/1.82:1

**Props:** Volvo Penta T-4

**Steering:** Volvo Penta IPS electric

**Price as Tested:** \$1,691,525

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.1 (7.9)	2.4	3.79 (3.30)	2,218	1,929	61	0.5
1500	11.7 (10.2)	8.8	1.33 (1.16)	877	676	64	2.0
2000	15.1 (13.1)	19.4	0.78 (0.68)	455	396	67	4.5
2500	21.8 (19.0)	29.9	0.73 (0.63)	427	371	70	5.5
3000	29.8 (25.9)	45.0	0.66 (0.58)	387	337	71	6.0
3300	34.8 (30.2)	54.0	0.64 (0.56)	377	328	72	5.5
3520	38.9 (33.8)	66.0	0.59 (0.51)	345	300	74	5.0

**CONDITIONS:** 73°; humidity: 88%; wind: 8-10 mph; seas: calm; load: 325 gal. fuel, 135 gal. water, 6 persons, 150 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Volvo Penta electronic monitor. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Volvo Penta joystick control in cockpit

Raymarine electronics package (2/E120 multifunction displays w/ 4-kW radar antenna, Ray 240 VHF, ST8001 autopilot, DSM300 digital sounder module)

11' Nautica RIB w/ 40-hp Yamaha outboard w/ Nautical Structures davit

ACR spotlight

Fisher-Paykel dishwasher

VacuFlush macerator system

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## BOATS

### BOAT TESTS

## Symbol 59 Classic

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Symbol

**Model:** 59 Classic

**Model Year:** 2007

**Boat Type:** Other...

**LOA:** 60'3"

**Beam:** 17'6"

**Draft:** 4'9"

**Weight:** 89,000 lbs.

**Standard Power:** 2/700-hp Caterpillar C12 diesel inboards

**Optional Power:** 2/800-hp Caterpillar C15 diesel inboards

**Fuel Capacity:** 1,200 gal.



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## BOATS

### BOAT TESTS

## Symbol 59 Classic

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-hp Caterpillar C-15 diesel inboards

**Transmission/Ratio:** ZF/2.636:1

**Props:** 38x35 5-blade

**Steering:** Hynautic hydraulic w/ power assist

**Price as Tested:** \$1,980,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/GP)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.7 (8.4)	10.8	0.90 (0.78)	970	840	67	0.5
1250	12.4 (10.8)	17.8	0.70 (0.61)	752	654	67	0.5
1500	13.8 (11.9)	31.0	0.44 (0.38)	479	415	74	1.0
1750	14.9 (13.0)	44.6	0.33 (0.29)	361	314	75	2.0
2000	17.8 (15.4)	56.2	0.32 (0.27)	341	297	76	2.5
2250	21.0 (18.3)	75.6	0.28 (0.24)	300	261	81	1.5
2320	23.0 (20.0)	84.0	0.27 (0.24)	296	257	82	1.5

**CONDITIONS:** 85°; humidity: 65%; wind: 5-10 mph; seas: 0'-2'; load: 800 gal. fuel, 350 gal. water, 5 people, 2,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Pipewelders foam-cored hardtop w/ skylight and LED lighting  
Wesmar hydraulic package including stabilizers, 25-hp bow and stern thrusters, windlass  
2/pantograph watertight doors  
12-kW Northern Lights genset  
davit w/ hydraulic boom  
E2CY enclosure  
satin-finish cherrywood interior  
granite countertops in saloon, galley, heads, and master stateroom nightstands  
teak cockpit sole  
flying-bridge barbecue station w/ grill sink, and U-line ice maker  
double s/s sliding cockpit doors  
Ocean LED underwater lights

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## BOATS

### BOAT TESTS

## Jeanneau 50

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Jeanneau

**Model:** 50

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 50'5"

**Beam:** 14'4"

**Draft:** 3'5"

**Weight:** 28,600 lbs.

**Standard Power:** 2/575-hp Volvo Penta D9 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 436 gal.



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## BOATS

### BOAT TESTS

## Jeanneau 50

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/575-hp Volvo Penta D9 diesel inboards

**Transmission/Ratio:** Volvo Penta MG5065AE/1.75:1

**Props:** 24.75x32.5 5-blade nibral

**Steering:** LeComble & Schmitt electronic

**Price as Tested:** \$815,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	13.0 (11.4)	7.0	1.86 (1.63)	729	639	79	1.5
1250	13.3 (11.5)	10.0	1.33 (1.15)	520	452	75	3.5
1500	17.2(15.0)	15.0	1.15 (1.00)	450	391	79	5.0
1750	21.4(18.6)	22.0	0.97(0.84)	381	331	81	5.5
2000	27.7 (24.0)	29.0	0.95(0.83)	374	325	80	5.5
2250	34.0 (29.6)	39.0	0.87 (0.76)	342	297	83	5.5
2510	36.8 (32.0)	57.0	0.65 (0.56)	253	220	82	5.0

**CONDITIONS:** temperature: 86°; humidity: 80%; wind: 5 mph; seas: flat; load: 100 gal. fuel, 169 gal. water, 5 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from Volvo Penta fuel curve. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine 2-kW radar, autopilot, and E120 chartplotter/GPS  
anchoring kit  
electric tender winch  
raw-water washdown  
beige leather cushions in saloon

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## BOATS

### BOAT TESTS

## Fairline Phantom 48

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Fairline

**Model:** Phantom 48

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 47'7" (w/ swim platform)

**Beam:** 14'8"

**Draft:** 3'8" (unloaded)

**Weight:** 30,700 lbs.

**Standard Power:** 2/575-mhp Volvo Penta D9 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 440 gal.

**Water Capacity:** 132 gal.

#### STANDARD EQUIPMENT

aft cockpit covers  
windlass



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## BOATS

### BOAT TESTS

## Fairline Phantom 48

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/575-mhp Volvo Penta diesel inboards

**Transmission/Ratio:** ZF/1.75:1

**Props:** 24x34 4-blade manganese bronze

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** \$1,303,515

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM	DECIBELS	TRIM (DEGREES)
1000	10.7 (9.3)	6.0	1.78 (1.55)	706	614	67	1.0
1250	3.0 (11.3)	10.0	1.30 (1.13)	513	446	67	3.0
1500	15.4 (13.4)	16.0	0.96 (0.84)	381	331	68	4.0
1750	20.2 (17.6)	22.0	0.92 (0.80)	364	316	70	6.0
2000	26.5 (23.0)	30.0	0.88 (0.77)	349	304	73	5.5
2250	30.3 (26.3)	40.0	0.76 (0.66)	300	261	76	5.0
2520	36.5 (31.7)	60.0	0.61 (0.53)	241	209	77	5.0

**CONDITIONS:** 88°; humidity: 74%; wind: 5-10 mph; seas: 1'-2'; load: 321 gal. fuel, 90 gal. water, 3 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH extrapolated from manufacturer-supplied fuel curve. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Isotherm in-sole freezer  
flying-bridge refrigerator  
Glendinning Cablemaster  
De Dietrich flying-bridge electric grill  
15", 19", and 10" Lava LCD TVs in forepeak, master, and guest staterooms, respectively  
Splendide Comb-o-matic 6200 washer/dryer  
blue LED lighting  
Raymarine electronics package w/ 2/E120 plotters, 24" radome, 2/240 VHF's, and 2/ST60002 SmartPilots  
s/s anchor upgrade  
ivory leather upgrade for saloon settee, armchair, and lower helm seat  
flying-bridge ice maker  
24-piece porcelain dinner service w/ Fairline crest  
6-piece lead-crystal highball set  
custom interior decor  
light-mast upgrade to accommodate radar  
coachroof cushions w/ nonabsorbent foam

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## BOATS

### BOAT TESTS

## Mochi Craft Dolphin 64 Fly

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Mochi Craft

**Model:** Dolphin 64 Fly

**Model Year:** 2007

**Boat Type:** Down East

**LOA:** 64'2"

**Beam:** 20'1"

**Draft:** 5'9"

**Weight:** 93,476 lbs.

**Standard Power:** 2/1,100-mhp MAN V10-1100 CRM diesel inboards

**Optional Power:** 2/1,224-mhp MAN D 2842 LE 407 diesel inboards

**Fuel Capacity:** 951 gal.

**Water Capacity:** 262 gal.



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## BOATS

### BOAT TESTS

## Mochi Craft Dolphin 64 Fly

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,224-mhp MAN D 2842 LE 407 diesel inboards

**Transmission/Ratio:** ZF 665 V-drives/2.45:1

**Props:** 37x45 5-blade nibrals

**Steering:** BCS electro-hydraulic

**Price as Tested:** Upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	12.0 (10.4)	14.2	0.85 (0.73)	1,447	1,258	68	1.0
1250	13.9 (12.1)	28.6	0.49 (0.42)	832	723	70	3.0
1500	17.4 (15.1)	43.8	0.40 (0.35)	680	591	74	4.0
1750	22.9 (19.9)	60.8	0.38 (0.33)	645	561	76	4.0
2000	34.0 (29.6)	78.6	0.43 (0.38)	740	644	76	5.0
2250	32.5 (28.3)	107.2	0.30 (0.26)	519	451	77	5.0
2378	34.9 (30.2)	120.0	0.29 (0.25)	496	431	79	4.5

**CONDITIONS:** 79°; humidity: 55%; wind: 5 mph; seas: flat; load: 500 gal. fuel, 200 gal. water, 5 people, 500 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 68 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

hydraulic swim ladder  
 additional bench in cockpit  
 teak cockpit table  
 13-hp SidePower stern thruster  
 3.2-meter RIB w/ 20-hp Honda outboard

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## BOATS

### BOAT TESTS

## Mustang 43 Sport Flybridge

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Mustang

**LOA:** 47'3"

**Model:** 43 Sport Flybridge

**Beam:** 15'1"

**Model Year:** 2007

**Draft:** 3'11"

**Boat Type:** Cruiser

**Weight:** 34,600 lbs.

**Standard Power:** 2/490-hp Cummins QSC8.3-490 diesel inboards



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## BOATS

### BOAT TESTS

## Mustang 43 Sport Flybridge

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/540-hp Cummins QSC8.3-540 diesel inboards

**Transmission/Ratio:** Twin Disc/ 1.77:1

**Props:** 31.5x24.4 4-blade full cup

**Steering:** SeaStar hydraulic w/ power assist

**Price as Tested:** \$570,367

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.6 (9.2)	4.4	2.41 (2.09)	1,320	1,146	64	1.0
1500	12.8 (11.1)	16.8	0.76 (0.66)	418	363	71	4.0
1750	16.5 (14.4)	23.2	0.71 (0.62)	390	340	74	5.5
2000	24.0 (20.9)	32.0	0.75 (0.65)	411	357	74	6.0
2250	28.9 (25.1)	34.0	0.85 (0.74)	465	404	75	5.0
2500	34.3 (29.8)	40.0	0.86 (0.75)	470	409	75	4.7
2600	36.1 (31.3)	54.0	0.67 (0.58)	366	318	75	4.5

**CONDITIONS:** 85°; humidity: 70%; wind: 5-10 mph; seas: 1'; load: 609 gal. fuel, 89 gal. water, 2 people, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft gauges. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

16,000-Btu Cruisair A/C for master and guest cabins  
 teak swim platform  
 cockpit canvas awning  
 exterior canvas for front and side windows  
 Raymarine package w/ C120 chartplotter, GPS, radar, ST6002 autopilot  
 Maxwell windlass chain counter  
 19" Sharp LCD TV in master  
 11/rod holders  
 fuel-capacity upgrade  
 flying-bridge hardtop w/ strataglass four-side enclosure  
 flying-bridge carpet, refrigerator, fill-in cushion  
 foredeck sunpad  
 Side-Power bow thruster  
 U-line ice maker in saloon  
 high-gloss finish on interior woodwork  
 galley drinking-water filter  
 retractable rear window  
 venetian blinds

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## BOATS

### BOAT TESTS

## Cranchi Mediterranee 43 HT

By [George L. Petrie](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cranchi

**LOA:** 45'3"

**Model:** Mediterranee 43 HT

**Beam:** 3'6"

**Model Year:** 2007

**Draft:** 2'9"

**Boat Type:** Cruiser

**Weight:** 25,320 lbs.

**Standard Power:** 2/435-hp Volvo Penta IPS 600  
drives

**Optional Power:** not applicable

**Fuel Capacity:** 291 gal.



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## BOATS

### BOAT TESTS

## Cranchi Mediterranee 43 HT

By [George L. Petrie](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/435-hp Volvo Penta IPS 600s

**Transmission/Ratio:** Volvo Penta/1.94:1

**Props:** Volvo Penta T5 Nibral Alloy

**Steering:** Teleflex Sea Star hydraulic

**Price as Tested:** \$724,906

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1750	10.8 (9.3)	12.4	0.87 (0.75)	227	197	69	5.5
2000	12.9 (11.2)	14.2	0.90 (0.79)	237	206	72	6.0
2250	19.0 (16.5)	19.6	0.97 (0.84)	254	220	75	6.0
2500	24.5 (21.2)	22.0	1.11 (0.97)	291	253	75	5.5
2750	29.7 (25.7)	25.6	1.16 (1.01)	303	263	77	5.0
3000	32.7 (28.4)	31.6	1.03 (0.90)	271	235	78	4.5
3250	37.5 (32.5)	40.8	0.92 (0.80)	240	209	80	4.5
3400	39.3 (34.1)	42.6	0.92 (0.80)	242	210	82	4.5

**CONDITIONS:** temperature: 85; humidity: 90%; wind: 10-15 mph; seas 2-3'; load: 150 gal. fuel, 40 gal. water, 5 persons, 150 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH from electronic control module. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation. All measurements taken with trim tabs fully retracted.

## OPTIONAL EQUIPMENT ON TEST BOAT

searchlight  
6/fender covers  
teak cockpit sole  
Raymarine color radar  
gloss finish on interior joinery  
stern enclosure

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## BOATS

### BOAT TESTS

## Cruisers 360 Express

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cruisers Yachts

**LOA:** 38'0"

**Model:** 360 Express

**Beam:** 12'6"

**Model Year:** 2007

**Draft:** 3'0"

**Boat Type:** Cruiser

**Weight:** 20,000 lbs.

**Standard Power:** 2/375-hp Volvo Penta 8.1 Gi gasoline V-drive inboards

**Optional Power:** various twin gasoline and diesel V-drive inboards from MerCruiser, Volvo Penta, and Yanmar up to 420 hp apiece; various twin diesel or gasoline stern drives from Volvo Penta up to 375 hp apiece

**Fuel Capacity:** 300 gal.

**Water Capacity:** 64 gal.

#### STANDARD EQUIPMENT

Maxwell Freedom RC-800 windlass  
Bomar windows and hatches w/ Oceanair shades/screens  
Mysteria solid-surface countertops  
Amtico vinyl galley flooring  
2-burner EuroKera cooktop  
s/s sink w/ Shurflo faucet  
4.2-cu.-ft. Dometic refrigerator  
LG microwave oven w/ Cafe Combo coffee maker  
electric Dometic MSD  
20" Sole TV (w/ AM/FM stereo/CD/DVD player)





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## BOATS

### BOAT TESTS

## Cruisers 360 Express

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/420-hp MerCruiser 8.1S HO gasoline V-drive inboards

**Transmission/Ratio:** ZF 631VE V-drives/2.5:1

**Props:** 22x23 Michigan Wheel 4-blade nibral Dyna-Quad

**Steering:** Teleflex SeaStar hydraulic w/ power assist

**Price as Tested:** \$424,185

### The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	5.8 (5.0)	5.1	1.14 (0.99)	307	267	73	0.0
2000	11.0 (9.6)	12.2	0.90 (0.78)	243	212	76	2.5
3000	20.4 (17.7)	26.0	0.78 (0.68)	211	184	85	4.5
4000	32.8 (28.5)	40.8	0.80 (0.70)	217	189	91	4.0
5000	40.1 (34.8)	73.6	0.54 (0.47)	147	128	96	3.0

**CONDITIONS:** 78°; humidity: 100%; wind: 10-12 mph; seas: less than 1'; load: 264 gal. fuel, no water, 3 people, 20 lbs. of gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via SmartCraft fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

### OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine electronics package (Ray 54 VHF, ST8002 autopilot, C80 chartplotter/ digital sounder w/multifunction display)

foredeck chaise lounge

rumble seat

hardtop w/ enclosure

16,000-Btu Cruisair cockpit A/C

7.3-kW Kohler genset w/ soundshield

2/15" Sole TVs (one per stateroom)

Flexiteak (swim platform)



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## BOATS

### BOAT TESTS

## Sea Ray 330 Sundancer

By [Capt. Richard Thiel](#)



# Boat Tests

## SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 35'6"

**Model:** 330 Sundancer

**Beam:** 11'6"

**Model Year:** 2007

**Draft:** 2'5" (inboards only)

**Boat Type:** Cruiser

**Weight:** 15,400 lbs.

**Standard Power:** 2/300-hp MerCruiser 350 MPI  
Bravo III stern drives

**Optional Power:** 2/ MerCruiser gasoline stern drives to 375 hp each; 2/301-hp Yanmar 6LPA-STZP diesel stern drives; 2/ MerCruiser gasoline V-drive inboards from 300 to 320 hp each

**Fuel Capacity:** 225 gal.

**Water Capacity:** 40 gal.

---

## STANDARD EQUIPMENT

s/s through-hull fittings  
Sunbrella aft, front, and side curtains and aft sun shade  
Quick rope/chain windlass  
carpet liner  
cockpit wet bar  
CO detector  
Clarion AM/FM stereo/CD player w/ 6-CD changer and 8 speakers  
cherry cabinetry  
26" L&G LCD TV w/ game ports in saloon  
L&G microwave-coffee maker  
dual-volt 4.0 cu.-ft. refrigerator  
trash bin  
two-burner cooktop  
electrically tilting V-berth  
VacuFlush MSD  
SmartCraft 4-in-1 multigauges  
tilt wheel  
Northstar NS100SS VHF  
12,000-Btu reverse-cycle A/C  
cockpit shower  
Bennett trim tabs

---

## OPTIONAL EQUIPMENT

5-kW Kohler genset  
Raymarine C80 radar/chartplotter/GPS  
anchor washdown system  
DSS satellite TV  
Digital Throttle & Shift  
s/s cockpit barbecue  
cockpit icemaker  
5" remote-controlled spotlight  
17" West Coast Custom flip-down V-berth TV  
15" L&G LCD midcabin TV  
15" L&G LCD cockpit TV w/ DVD player

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## BOATS

### BOAT TESTS

## Sea Ray 330 Sundancer

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/385-php MerCruiser 8.1 Horizon gasoline V-drives

**Transmission/Ratio:** Twin Disc MG503/2.03:1 (S) 1.98:1 (P)

**Props:** 18x22 (S) nibral and 18x21½ (P)

**Steering:** SeaStar hydraulic

**Price as Tested:** \$309,541

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	6.6 (5.7)	8.6	0.76 (0.66)	154	134	65	0.5
2000	10.9 (9.4)	15.4	0.70 (0.61)	143	124	73	4.0
3000	34.0 (29.6)	29.4	1.16 (1.01)	234	204	78	8.0
4000	35.2 (30.6)	57.0	0.62 (0.54)	125	109	82	5.0
4500	39.1 (34.0)	74.4	0.53 (0.46)	106	93	85	4.0
4650	40.0 (34.8)	78.8	0.51 (0.44)	103	89	86	4.0

**CONDITIONS:** 81°; humidity: 69%; wind: 5 mph; seas: flat; load: 125 gal. fuel, 40 gal. water, 4 people, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 68 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

5-kW Kohler genset  
Raymarine C80 radar/chartplotter/GPS  
anchor washdown system  
DSS satellite TV  
Digital Throttle & Shift  
s/s cockpit barbecue  
cockpit icemaker  
5" remote-controlled spotlight  
17" West Coast Custom flip-down V-berth TV  
15" L&G LCD midcabin TV  
15" L&G LCD cockpit TV w/ DVD player  
bow thruster  
central vacuum  
fold-up foredeck sunpad  
additional stereo remote control on transom

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## BOATS

### BOAT TESTS

## Bertram 410 Convertible

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Bertram

**LOA:** 43'8"

**Model:** 410 Convertible

**Beam:** 14'6"

**Model Year:** 2007

**Draft:** 4'0"

**Boat Type:** Sportfisherman

**Weight:** 43,211 lbs.

**Standard Power:** 2/540-hp Cummins QSC8.3-540 diesel inboards

**Optional Power:** 2/600-hp Cummins QSC8.3-600 diesel inboards

**Fuel Capacity:** 540 gal.

**Water Capacity:** 120 gal.

#### STANDARD EQUIPMENT

Bomar powder-coated hatches  
molded nonskid



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## BOATS

### BOAT TESTS

## Bertram 410 Convertible

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/600-hp Cummins QSC8.3-600 diesel inboards

**Transmission/Ratio:** ZF/2.39:1

**Props:** 25x36.5 5-blade Michigan Nibral

**Steering:** Teleflex electronic

**Price as Tested:** Upon request

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM	DECIBELS	TRIM (DEGREES)
1000	9.5 (8.3)	3.2	2.97 (2.56)	1,443	1,245	75	0.5
1500	11.6 (10.0)	13.2	0.88 (0.76)	425	370	80	3.5
2000	15.5 (13.4)	31.0	0.50 (0.43)	242	211	82	7.0
2250	22.2 (19.3)	35.4	0.63 (0.55)	305	265	85	6.5
2500	27.9 (24.2)	41.2	0.68 (0.59)	329	286	88	5.5
2750	32.2 (28.0)	52.0	0.62 (0.54)	301	262	94	5.5
3000	35.1 (30.5)	64.0	0.55 (0.48)	266	231	96	5.5

**CONDITIONS:** air temperature: 85°; humidity: 65%; wind: 10-15 mph; seas: 1-2'; load: 270 gal. fuel, 120 gal. water, 5 persons, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft LCD display. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Simrad AP26 autopilot  
 Raymarine E120 plotter  
 Northstar 6001i plotter w/ 7" display  
 Icom VHF  
 Furuno RD-30 depth, temp  
 2/Release helm chairs  
 Rupp outriggers  
 6/rocket launchers  
 Eskimo ice maker plumbed to transom fishbox

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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 58 Flybridge

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking Sport Cruisers

**LOA:** 57'11"

**Model:** 58 Flybridge

**Beam:** 16'1"

**Model Year:** 2007

**Draft:** 4'2"

**Boat Type:** Cruiser

**Weight:** 57,320 lbs.

**Standard Power:** 2/715-bhp Volvo Penta D12-715 diesel inboards

**Optional Power:** 2/865-mhp Caterpillar C15 diesel inboards

**Fuel Capacity:** 750 gal.

**Water Capacity:** 210 gal.



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## BOATS

### BOAT TESTS

## Viking Sport Cruisers 58 Flybridge

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/865-mhp Caterpillar C15 diesel inboards

**Transmission/Ratio:** Twin Disc MG5114/1.92:1

**Props:** 30x30.3 5-blade nibrals

**Steering:** Sleipner electronic w/ hydraulic backup

**Price as Tested:** \$2,328,275

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	11.0 (9.5)	16.8	0.65 (0.57)	442	382	67	1.5
1250	12.9 (11.2)	30.2	0.43 (0.37)	288	251	72	3.5
1500	18.3 (15.9)	40.0	0.46 (0.40)	309	269	75	4.0
1750	23.4 (20.3)	49.0	0.48 (0.42)	322	280	74	4.5
2000	29.9 (26.0)	61.6	0.48 (0.42)	327	284	78	5.0
2250	34.0 (29.6)	76.4	0.45 (0.39)	300	261	82	5.5
2340	36.8 (32.0)	84.4	0.44 (0.38)	294	256	85	5.0

**CONDITIONS:** air temperature: 82°; humidity: 70%; wind: 5-10 mph; seas: flat; load: 162 gal. fuel, 210 gal. water, 3 persons, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Caterpillar electronic monitoring system. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

2/Glendining CableMasters  
 2/ voltage-stabilizer transformers  
 cockpit speakers w/ amplifier  
 additional anchor chain (total 19')  
 freshwater foredeck washdown  
 windshield defogger  
 Bose Home Theater system  
 garbage disposal  
 26" L&G LCD TV  
 15" LCD TV for VIP  
 15" LCD TV and AM/FM stereo/CD/DVD player for guest stateroom  
 water-delivery kit  
 transom davit  
 teak sole at lower helm  
 custom decor  
 Furuno 1920C chartplotter on flying bridge  
 upgrade to Furuno 1944C GPS/chartplotter/64-mile radar, Furuno autopilot, and depth and speed log at lower helm

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## BOATS

### BOAT TESTS

## Azimut 47

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/575-hp Caterpillar C9 ACERT diesel V-drives

**Transmission/Ratio:** ZF 286IV/2.011:1 V-drive

**Props:** 26.8x37 four-blade nibral

**Steering:** hydraulic

**Price as Tested:** \$1,150,000



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## BOATS

### BOAT TESTS

## Azimut 47

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Azimut

**LOA:** 47'5"

**Model:** 47

**Beam:** 14'10"

**Model Year:** 2007

**Draft:** 4'1"

**Boat Type:** Cruiser

**Weight:** 41,440 lbs.

**Standard Power:** 2/575-hp Caterpillar C9 ACERT  
diesel V-drives

**Optional Power:** none

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	10.0 (8.7)	4.5	2.22 (1.93)	1,054	917	78	0.0
1250	12.1 (10.5)	11.4	1.06 (0.91)	503	432	74	0.0
1500	14.7 (12.8)	18.3	0.80 (0.69)	380	330	77	0.0
1750	18.7 (16.3)	23.7	0.79 (0.69)	375	328	79	6.0
2000	25.5 (22.2)	31.5	0.81 (0.70)	381	332	79	6.0
2250	32.0 (27.8)	40.0	0.80 (0.69)	380	330	83	5.0
2500	37.0 (32.2)	52.5	0.70 (0.61)	332	332	85	4.5

**CONDITIONS:** 77°; humidity: 58%; wind: 5-10 mph; seas: 1'; load: 400 gal. fuel, 120 gal. water, 4 persons, no gear. Speeds are two-way averages measured w/ GPS. GPH taken from Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

8-hp stern thruster  
Sea Energy joystick control system  
saloon sofabed  
crew cabin  
passerelle  
ice maker  
Raymarine E120 GPS/radar/plotter with flying bridge repeater  
Bose Lifestyle 18 entertainment system  
20" Sharp LCD TV in saloon and master  
Sony CD players in guest cabins  
Dometic dishwasher  
CCTV

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## BOATS

### BOAT TESTS

## Astondoa 53 Open

By [George L. Petrie](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Astondoa

**LOA:** 53'10"

**Model:** 53 Open

**Beam:** 15'1"

**Model Year:** 2007

**Draft:** 4'7"

**Boat Type:** Cruiser

**Weight:** 40,000 lbs.

**Standard Power:** 2/800-hp MAN R6-800CRM diesel inboards

**Optional Power:** not available

**Fuel Capacity:** 800 gal.

**Water Capacity:** 100 gal.

#### STANDARD EQUIPMENT

6.5-kW Kohler diesel genset w/ hushbox  
bow thruster



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## BOATS

### BOAT TESTS

## Astondoa 53 Open

By [George L. Petrie](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-hp MAN R6-800CRN diesel inboards

**Transmission/Ratio:** not available

**Props:** 41.3x30.7 Nibral 4-blade Radice

**Steering:** Teleflex Sea Star hydraulic

**Price as Tested:** \$1,154,110

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NM/PG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.6 (7.5)	10.0	0.86 (0.75)	622	540	76	3.0
1250	9.4 (8.2)	22.0	0.43 (0.37)	309	268	78	5.0
1500	18.8 (16.3)	30.0	0.63 (0.54)	450	391	79	5.0
1750	25.4 (22.1)	41.0	0.62 (0.54)	446	387	83	5.0
2000	31.0 (27.0)	55.0	0.56 (0.49)	406	353	84	4.0
2250	35.9 (31.2)	73.0	0.49 (0.43)	354	307	85	3.0
2350	37.7 (32.7)	80.0	0.47 (0.41)	339	294	86	2.5

**CONDITIONS:** temperature: 85°; humidity: 90%; wind: 10-15 mph; seas 1'-2'; load: 400 gal. fuel, 100 gal. water, 4 persons, 75 lbs. gear. Speeds are two-way averages measured w/ Raymarine GPS. GPH from electronic control module. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation. All measurements taken with trim tabs fully retracted.

## OPTIONAL EQUIPMENT ON TEST BOAT

Upgrade to 9.0-kW Kohler diesel genset w/ hushbox  
elevator lift for tender  
hydraulic passerelle  
teak side decks  
canvas enclosures for main deck and aft deck  
upgrade to 20" LCD TVs in saloon and master  
20" recessed LCD TV on main deck  
upgrade electronics to Raymarine C80 chartplotter, GPS, and radar  
550-watt electric inverter  
38,000-Btu Condaria  
700-watt stern winch

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## BOATS

### BOAT TESTS

## Rampage 41 Express

By [Jeffrey Moser](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Rampage

**LOA:** 41'6"

**Model:** 41 Express

**Beam:** 16'0"

**Model Year:** 2007

**Draft:** 3'8"

**Boat Type:** Sportfisherman

**Weight:** 30,000 lbs.

**Standard Power:** 2/575-mhp Caterpillar C9 ACERT  
diesel inboards



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## BOATS

### BOAT TESTS

## Rampage 41 Express

By [Jeffrey Moser](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/715-mhp Caterpillar C12 diesel inboards

**Transmission/Ratio:** ZF 325-1A/2.037:1

**Props:** 29x41 five-blade nibral ZF

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** \$895,074

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM	DECIBELS	TRIM (DEGREES)
1000	11.9 (10.3)	13.2	0.90 (0.78)	566	492	79	1.0
1250	13.8 (12.0)	20.6	0.67 (0.58)	421	366	83	4.0
1500	18.9 (16.4)	29.4	0.64 (0.56)	405	352	87	6.0
1750	27.3 (23.7)	36.6	0.75 (0.65)	470	409	89	4.0
2000	33.3 (29.0)	49.8	0.67 (0.58)	421	366	89	2.5
2250	37.5 (32.6)	56.6	0.66 (0.58)	417	363	90	2.0
2310	41.3 (35.9)	66.8	0.62 (0.54)	389	338	90	2.0

**CONDITIONS:** temperature: 85°; humidity: 41%; wind: 5 mph; seas: 2'; load: 600 gal. fuel, 50 gal. water, 3 persons, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Caterpillar engine-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

ice-blue Awlgrip hull color

tuna tower

Furuno NavNet black box system w/ 2/15" displays, 8" display on tower, GP-37 GPS/WAAS Navigator, fishfinder, RD30 tridata display, NavPilot autopilot

ZF SmartCommand control upgrade

Murphy display on tower

18-rod rocket launchers

Lee double-spreader outriggers, center 'rigger

TGM Marine teaser reels

tuna tubes

bait-prep station w/ sink and tackle stowage

electric reel outlets

Release Marine teak helm chair, teak leaning post w/ 4 rod holders

2/Pompanette teak ladderback companion chairs

3-sided canvas enclosure w/ aft curtain

16,000-Btu Cruisair bridge-deck A/C

13-kW Kohler genset w/ soundshield (upgrade from 11-kW)

Separ fuel-water separators for engines and genset w/ Algae-X

oil-exchange system for engines and genset

chrome package on mains

teak-and-holly saloon and stateroom sole

15" Sole LCD TV and CD/DVD player in master

underwater lights

custom linens

rubrail


safety package w/ MOBi-lert and life raft

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## BOATS

### BOAT TESTS

## Vicem 85 Classic

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Vicem

**LOA:** 85'0"

**Model:** 85 Classic

**Beam:** 21'0"

**Model Year:** 2007

**Draft:** 6'0"

**Boat Type:** Down East

**Weight:** 140,000 lbs.

**Standard Power:** 2/1,084-bhp MAN V-10 1100 CRM diesel inboards

**Optional Power:** twin diesel inboards from Caterpillar, MAN, and MTU up to 1,825 mhp each

**Fuel Capacity:** 1,700 gal.

**Water Capacity:** 500 gal.



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## BOATS

### BOAT TESTS

## Vicem 85 Classic

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,187-bhp MAN D 2842 LE 407 diesel inboards

**Transmission/Ratio:** MGX5135A/2:1

**Props:** 35x35 4-blade bronze

**Steering:** BCS hydraulic w/ stand-alone power assist

**Price as Tested:** \$4,300,000

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM	DECIBELS	TRIM (DEGREES)
1000	11.3 (9.8)	12.6	0.89 (0.78)	1,366	1,188	59	1.5
1250	14.0 (12.1)	20.6	0.68 (0.59)	1,036	901	72	1.5
1500	16.7 (14.5)	32.2	0.52 (0.45)	794	690	72	1.5
1750	18.3 (15.9)	58.6	0.31 (0.27)	478	415	74	2.5
2000	21.7 (18.9)	81.8	0.27 (0.23)	406	353	75	3.0
2250	25.4 (22.0)	117.8	0.22 (0.19)	329	286	76	4.0

**CONDITIONS:** 79°; humidity: 62%; wind: 20-25 mph; seas: 4'-6'; load: 1,275 gal. fuel, 490 gal. water, 7 people, 2,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via MAN electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

Lofrans hydraulic windlass w/ custom s/s anchor (additional)  
Simrad electronics package (RA54 radar, CX54 chartplotter, AP25 autopilot, IS15 speed/depth, RS81 VHF)  
GE trash compactor, 5-burner cooktop, dishwasher, microwave oven, refrigerator/freezer  
numerous entertainment systems from Yamaha, Bose, Sharp, and Panasonic  
extra 22.5-kW Onan genset

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## BOATS

### BOAT TESTS

## Hatteras 60GT Convertible

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Hatteras

**LOA:** 59'10"

**Model:** 60GT Convertible

**Beam:** 19'0"

**Model Year:** 2007

**Draft:** 4'9"

**Boat Type:** Sportfisherman

**Weight:** 85,000 lbs.

**Standard Power:** 2/1,550-bhp Caterpillar C30 diesel inboards

**Optional Power:** 2/1,650-bhp or 2/1,800-bhp Caterpillar C32 ACERT, 2/1,500-bhp MTU 10V 1500 CR, 2/1,500-bhp MTU 10V 1500 CR, or 2/1,800-bhp MTU 12V 1800 CR diesel inboards

**Fuel Capacity:** 1,800 gal.

**Water Capacity:** 200 gal.

---

## STANDARD EQUIPMENT

high-gloss cherrywood bulkheads (mahogany, maple also standard)

Fortress FX-55 anchor

polished anodized aluminum bowrails

powder-coated grabrails on cabin sides and flying bridge

8/PFDs

7/portable dry-chem. fire extinguishers

central vacuum system

top-loading drinkbox on flying bridge

2/Murray Sea 19 adjustable teak hem chairs

Northstar 6000i GPS/plotter

Icom VHF

Simrad AP26 autopilot, IS15 depth and temp.

44,000-Btu Cruisair reverse-cycle A/C

21.5-kW Onan e-QD diesel genset

transom door

8.0-cu.-ft. bait freezer

bait-and-tackle drop-in box lower starboard mezzanine

2/34-gal. stowage tubs

2/60-inch fishboxes w/ macerator

4/rod holders

Amtico vinyl-strip sole in galley

Whisperwall headliner

42" Panasonic plasma TV in saloon

Whirlpool ice maker

4-burner KitchenAid electric cooktop

4/Sub-Zero under-counter refrigerator and freezer drawers

Olivari door handles

Grohe fixtures in heads

---

## OPTIONAL EQUIPMENT

GT package w/ center helm station

through-hulls and wire for watermaker

optional boot top color

freshwater washdown in anchor locker

teak helm pod

fuel-transfer system, spare pump

freshwater connection on flying bridge

Release helm wheel

Custom High Seas electronics package

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## BOATS

### BOAT TESTS

## Hatteras 60GT Convertible

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,800-bhp Caterpillar C32 ACERT diesel inboards

**Transmission/Ratio:** Twin Disc Quickshift/ 2.48:1

**Props:** 39x64 5-blade Veem

**Steering:** Hynautic hydraulic w/ power assist

**Price as Tested:** \$3,000,000 (approx.)

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM	DECIBELS	TRIM (DEGREES)
1000	12.5 (10.9)	31.2	0.40 (0.35)	649	566	82	5.5
1250	23.0 (20.0)	51.0	0.45 (0.39)	731	635	86	4.5
1500	30.3 (26.3)	71.6	0.42 (0.37)	684	595	93	4.5
1750	37.0 (32.2)	98.0	0.38 (0.33)	612	532	95	4.5
2000	41.7 (36.2)	116.0	0.36 (0.31)	582	506	96	4.0
2250	47.8 (41.6)	174.0	0.27 (0.24)	445	387	96	4.0
2300	48.6 (42.2)	190.0	0.26 (0.22)	414	360	95	4.0

**CONDITIONS:** temperature: 80°; humidity: 74%; wind: 34-40 mph; seas: 4'-6'; load: 1,400 gal. fuel, 200 gal. water, 4 persons, 1,000 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH taken via Caterpillar electronic fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

GT package w/ center helm station  
through-hulls and wire for watermaker  
optional boot top color  
freshwater washdown in anchor locker  
teak helm pod  
fuel-transfer system, spare pump  
freshwater connection on flying bridge  
Release helm wheel  
Custom High Seas electronics package  
PipeWelders tower  
Pompanette flying-bridge helm chair and leaning post in cockpit  
flying-bridge freezer  
teak cockpit sole, covering boards, coaming, mezzanine deck  
2/Underwater Lights units  
2/20-amp outlets under gunwales for electric reels  
Amtico saloon sole  
carpet runner  
Centura Core dinette countertop  
L-shape saloon settee w/ rod stowage  
cocktail table  
Sharp 19" LCD TV forepeak, 15" LCD TV in starboard guest  
queen-size HMC mattress

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## BOATS

### BOAT TESTS

#### Albemarle 330 XF

By Jeffrey Moser



#### Boat Tests

##### SPECIFICATIONS

**Builder:** Albemarle

**LOA:** 35'0"

**Model:** 330 XF

**Beam:** 13'5"

**Model Year:** 2007

**Draft:** 4'0"

**Boat Type:** Sportfisherman

**Weight:** 19,500 lbs.

**Standard Power:** 2/425-hp Cummins QSB5.9 diesel inboards

**Optional Power:** 2/455-hp Caterpillar C7 ACERT diesel inboards or 2/500-hp Cummins QSC8.3 diesel inboards

**Fuel Capacity:** 450 gal.

**Water Capacity:** 52 gal.

**Builder:** Albemarle

**LOA:** 35'0"

**Model:** 330 XF

**Beam:** 13'5"

**Model Year:** 2007

**Draft:** 4'0"

**Boat Type:** Sportfisherman

**Weight:** 19,500 lbs.

**Standard Power:** 2/425-hp Cummins QSB5.9 diesel inboards

**Optional Power:** 2/455-hp Caterpillar C7 ACERT diesel inboards or 2/500-hp Cummins QSC8.3 diesel inboards

**Fuel Capacity:** 450 gal.

**Water Capacity:** 52 gal.

---

## STANDARD EQUIPMENT

2/Pompanette Pro Series helm chairs  
Ritchie compass  
SmartCraft engine displays  
Blackmore DVD/CD player  
Corian countertops  
Isotherm refrigerator/freezer  
Tappan microwave  
16,000-Btu Cruisair A/C  
Fireboy auto fire-exting. system  
Phase Three battery charger  
Jabsco Quiet Flush electric MSD  
2/Advanced Hydraulics actuators for engine room hatch  
56-gallon transom fishbox  
57-gal. in-sole fishbox  
25-gal. livewell w/ macerator  
10-gal. water heater  
dripless shaft logs

---

## OPTIONAL EQUIPMENT

PipeWelders tuna tower, double spreader outriggers, and center rigger  
4-side Strataglass enclosure  
inwale padding  
15" Sharp Aquos LCD TV  
9-kW Onan genset w/ soundshield  
Maxwell windlass  
cockpit freezer  
teak-and-holly saloon sole  
trolling valves  
Clarion AM/FM stereo/CD player w/ Sirius satellite radio  
oil-change system for engines, transmissions, and genset  
16,000-Btu Cruisair A/C on helm deck  
underwater lights  
bottom paint

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## BOATS

### BOAT TESTS

## Albemarle 330 XF

By Jeffrey Moser



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-hp Cummins QSB5.9 diesel inboards

**Transmission/Ratio:** ZF 280A/2.0:1

**Props:** 24x29.5 4-blade nibrals

**Steering:** Sea Star hydraulic w/ power assist



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-hp Cummins QSB5.9 diesel inboards

**Transmission/Ratio:** ZF 280A/2.0:1

**Props:** 24x29.5 4-blade nibrals

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** \$465,375

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	9.9 (8.6)	3.0	3.28 (2.86)	1,330	1,156	82	0.5
1500	12.9 (11.2)	9.0	1.43 (1.24)	578	503	88	3.2
1750	14.1 (12.3)	16.0	0.88 (0.77)	357	310	88	6.0
2000	18.1 (15.7)	20.4	0.89 (0.77)	359	312	91	6.5
2250	24.3 (21.1)	24.6	0.99 (0.86)	399	347	90	5.0
2500	27.3 (23.7)	32.0	0.85 (0.74)	345	300	91	4.0
2750	31.8 (27.6)	38.6	0.82 (0.72)	333	290	92	4.0
2890	32.7 (28.4)	42.0	0.78 (0.68)	315	274	94	3.0

**CONDITIONS:** temperature: 82°; humidity: 31%; wind: 5-10 mph; seas: 1' or less, load: 415 gal. fuel, 52 gal. water, 4 persons, 200 lbs. gear  
 Speeds are two-way averages measured w/ Stalker radar gun. GPH taken from SmartCraft fuel-monitoring system. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

PipeWelders tuna tower, double spreader outriggers, and center rigger

4-side Strataglass enclosure

inwale padding

15" Sharp Aquos LCD TV

9-kW Onan genset w/ soundshield

Maxwell windlass

cockpit freezer

teak-and-holly saloon sole

trolling valves

Clarion AM/FM stereo/CD player w/ Sirius satellite radio

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## BOATS

### BOAT TESTS

## Molokai Strait 75

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Molokai Strait

**LOA:** 75'6"

**Model:**

**Beam:** 22'0"

**Model Year:** 2007

**Draft:** 7'0"

**Boat Type:** Trawler

**Weight:** 320,000 lbs.

**Standard Power:** 2/350-bhp Cummins MerCruiser  
Diesel 6CTA8.3-M diesel inboards

**Optional Power:** various twin diesel packages to 700  
bhp total

**Fuel Capacity:** 6,620 gal.

**Water Capacity:** 1,070 gal.

## STANDARD EQUIPMENT

Freeman watertight deck hatches  
Exalto windshield wipers  
Pauluhn cage-type deck lights  
4/Kahlenberg D2 air horns  
Carlisle & Finch spotlights  
2,500- lb.-capacity Marquipt deck crane  
1/24v and 1/ hydraulic Maxwell 6000 windlass  
Wesmar stabilizers  
bow and stern Wesmar hydraulic thrusters  
Elbex TV monitors  
6/control stations (including two plug-in remotes)  
KitchenAid refrigerator/freezer, microwave, and compactor  
Viking gas/electric range  
Fisher & Paykel dishwasher  
Kohler s/s farm sink  
Bosch washer and dryer  
600-gpd Village Marine watermaker  
95-amp Newmar Phase Three battery charger  
2/4,000-watt Xantrex inverters  
12/Lifeline 8D batteries  
50-amp and 100-amp IsoBoost transformers  
Stidd helm chairs  
Pacific Coast doors and windows  
Cornell-Carr Company commercial-type bronze opening ports  
Aquadrive system  
132,000-Btu Marine Air chilled-water A/C  
1/16-kW and 1/32-kW Northern Lights genset  
40-gal. Hubbell water heater  
Tides Marine dripless shaft logs  
Sea-Fire auto. fire-extinguishing system

## OPTIONAL EQUIPMENT

electronics  
teak decks

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## BOATS

### BOAT TESTS

## Molokai Strait 75

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/350-bhp Cummins MerCruiser Diesel 6CTA8.3-M diesel inboards

**Transmission/Ratio:** Twin Disc MG5062V/2:1

**Props:** 36x24 5-blade nibral Michigan Wheel

**Steering:** Wagner Engineering hydraulic w/ power assist off both engines

**Price as Tested:** \$4,200,000



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/375-hp Volvo Penta 8.1 Gi gasoline V-drives

**Transmission/Ratio:** ZF 63IV/2.5:1

**Props:** 19x28 4-blade Michigan Wheel bronze

**Steering:** Sea Star hydraulic

**Price as Tested:** \$290,110

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1500	9.3 (8.0)	4.6	2.01 (1.75)	420	365	67	1.2
2000	11.0 (9.6)	8.6	1.28 (1.11)	267	232	73	2.5
2500	15.2 (13.2)	17.0	0.89 (0.77)	186	162	77	6.0
3000	20.9 (18.2)	23.8	0.88 (0.76)	183	159	81	6.0
3500	30.5 (26.5)	28.0	1.09 (0.95)	227	197	84	3.0
4000	35.4 (30.8)	37.2	0.95 (0.83)	199	173	85	1.5
4500	39.0 (33.9)	58.0	0.67 (0.58)	140	122	87	1.5
4650	41.2 (35.8)	65.0	0.63 (0.55)	132	115	92	1.5

**CONDITIONS:** temperature: 82°; humidity: 85%; wind: 10 mph; seas: 2'; load: 175 gal. fuel, 23 gal. water, 4 persons, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH extrapolated from manufacturer-supplied data. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

8.4" Raymarine C80 GPS/chartplotter/2-kW radar, VHF, and DSM 300 depthfinder

Clarion AM/FM stereo/CD player w/ Sirius satellite radio

7.3-kW Kohler genset w/ soundshield

seawater strainers on mains

synthetic teak decking on swim platform

Black & Decker coffee maker

Norcold fridge/freezer in cockpit

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## BOATS

### BOAT TESTS

## Cruisers 330 Express

By Jeffrey Moser



### Boat Tests

#### SPECIFICATIONS

**Builder:** Cruisers Yachts

**Model:** 330 Express

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 35'6"

**Beam:** 11'8"

**Draft:** 2'10"

**Weight:** 16,500 lbs.

**Standard Power:** 2/320-hp Volvo Penta 5.7 GXi DP gasoline stern drives

**Optional Power:** twin gasoline and diesel stern drives, V-drives, and inboards from MerCruiser, Volvo Penta, and Yanmar from 240 to 375 hp each

**Fuel Capacity:** 232 gal.

**Water Capacity:** 40 gal.



## Boat Tests

### SPECIFICATIONS

**Builder:** Cruisers Yachts

**Model:** 330 Express

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 35'6"

**Beam:** 11'8"

**Draft:** 2'10"

**Weight:** 16,500 lbs.

**Standard Power:** 2/320-hp Volvo Penta 5.7 GXi DP gasoline stern drives

**Optional Power:** twin gasoline and diesel stern drives, V-drives, and inboards from MerCruiser, Volvo Penta, and Yanmar from 240 to 375 hp each

**Fuel Capacity:** 232 gal.

**Water Capacity:** 40 gal.

---

### STANDARD EQUIPMENT

cherry interior  
Bennett trim tabs  
Ritchie compass  
Faria analog gauges  
ITT Jabsco searchlight  
Maxwell windlass  
NovaKool refrigerator/freezer  
Tappan microwave  
2-burner EuroKera cooktop

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## BOATS

### BOAT TESTS

## Cruisers 330 Express

By Jeffrey Moser



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/375-hp Volvo Penta 8.1 Gi gasoline V-drives

**Transmission/Ratio:** ZF 63IV/2.5:1

**Props:** 19x28 4-blade Michigan Wheel bronze

**Steering:** Sea Star hydraulic



## TEST BOAT SPECIFICATIONS

**Test Engine:** 2/375-hp Volvo Penta 8.1 Gi gasoline V-drives

**Transmission/Ratio:** ZF 63IV/2.5:1

**Props:** 19x28 4-blade Michigan Wheel bronze

**Steering:** Sea Star hydraulic

**Price as Tested:** \$290,110

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1500	9.3 (8.0)	4.6	2.01 (1.75)	420	365	67	1.2
2000	11.0 (9.6)	8.6	1.28 (1.11)	267	232	73	2.5
2500	15.2 (13.2)	17.0	0.89 (0.77)	186	162	77	6.0
3000	20.9 (18.2)	23.8	0.88 (0.76)	183	159	81	6.0
3500	30.5 (26.5)	28.0	1.09 (0.95)	227	197	84	3.0
4000	35.4 (30.8)	37.2	0.95 (0.83)	199	173	85	1.5
4500	39.0 (33.9)	58.0	0.67 (0.58)	140	122	87	1.5
4650	41.2 (35.8)	65.0	0.63 (0.55)	132	115	92	1.5

**CONDITIONS:** temperature: 82°; humidity: 85%; wind: 10 mph; seas: 2'; load: 175 gal. fuel, 23 gal. water, 4 persons, 100 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH extrapolated from manufacturer-supplied data. Range: 90% of advertised fuel capacity. Decibels measured on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

8.4" Raymarine C80 GPS/chartplotter/2-kW radar, VHF, and DSM 300 depthfinder

Clarion AM/FM stereo/CD player w/ Sirius satellite radio

7.3-kW Kohler genset w/ soundshield

seawater strainers on mains

synthetic teak decking on swim platform

Black & Decker coffee maker

Norcold fridge/freezer in cockpit

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## BOATS

### BOAT TESTS

## Sessa C35

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sessa

**LOA:** 35'0"

**Model:** C35

**Beam:** 11'6"

**Model Year:** 2007

**Draft:** 2'3"

**Boat Type:** Cruiser

**Weight:** 13,668 lbs.

**Standard Power:** 2/270-hp Volvo Penta 5.0 GXi DPS gasoline stern drives

**Optional Power:** 2/260-hp Volvo Penta D4-260 diesel stern drives

**Fuel Capacity:** 132 gal.

**Water Capacity:** 63 gal.



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## BOATS

### BOAT TESTS

## Sessa C35

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/260-hp Volvo Penta D4-260 DP diesel stern drives

**Transmission/Ratio:** Volvo Penta DP/ 1.85: 1

**Props:** Volvo Penta G8

**Steering:** Volvo Penta

**Price as Tested:** \$319,567

## The Numbers

RPM	MPH (KNOTS)	GPH	MPG (NMPG)	SM RANGE	NM RANGE	DECIBELS	TRIM (DEGREES)
1000	8.5 (7.4)	2.6	3.27 (2.85)	388	338	68	0.5
1500	11.2 (9.7)	3.6	3.11 (2.71)	370	321	78	3.5
2000	17.5 (15.2)	5.6	3.12 (2.71)	370	322	87	6.0
2500	28.0 (24.3)	12.0	2.33 (2.03)	277	241	82	5.5
3000	38.0 (33.0)	18.0	2.11 (1.83)	250	218	85	4.5
3400	41.8 (36.3)	24.0	1.74 (1.51)	207	180	84	4.0

**CONDITIONS:** air temperature: 81°; humidity: 56%; wind: 13-17 mph; seas: 2'-4'; load: 132 gal. fuel, 63 gal. water, 3 persons, 200 lbs. gear. Speeds are two-way averages measured w/ Stalker radar gun. GPH extrapolated from manufacturer's fuel curve. Range: 90% of advertised fuel capacity. Decibels measured at helm on A scale. 65 dB is the level of normal conversation.

## OPTIONAL EQUIPMENT ON TEST BOAT

teak bridge-deck and cockpit sole  
oak sole in saloon/galley  
6-kW Mase genset  
Vetus bow thruster  
canvas  
leather settee  
Raymarine electronics package w/ Tridata and C80 multifunction display  
Sony CD player  
blue hull color  
additional cushion for dinette double-berth conversion

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## BOATS

### BOAT TESTS

## VG Shipyard PC 62

By [Jeffrey Moser](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** VG Shipyard

**LOA:** 61'7"

**Model:**

**Beam:** 23'0"

**Model Year:** 2007

**Draft:** 3'3"

**Boat Type:** Catamaran

**Weight:** 56,000 lbs.

**Standard Power:** 2/420-hp Caterpillar C7 ACERT diesel inboards

**Optional Power:** 2/550-hp MAN R6 550 or 2/575-hp Caterpillar C9 ACERT diesel inboards

**Fuel Capacity:** 1,057 gal.

**Water Capacity:** 211 gal.



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## BOATS

### BOAT TESTS

## VG Shipyard PC 62

By [Jeffrey Moser](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/420-hp Caterpillar C7 ACERT diesel inboards

**Transmission/Ratio:** ZF 280IV/ 2.06:1

**Props:** 25x28 four-blade nibrals

**Steering:** Marsili hydraulic

**Price as Tested:** \$2,004,000

### OPTIONAL EQUIPMENT ON TEST BOAT

jetdrive tender, 4-burner Miele cooktop, oven

1,150-gpd Indomar watermaker

leather settees in saloon

26" Philips LCD TV

20" Sharp Aquos LCD TV in master

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## BOATS

### BOAT TESTS

## Grand Banks 45 Eastbay SX

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Grand Banks

**Model:** 45 Eastbay SX

**Model Year:** 2007

**Boat Type:** Down East

**LOA:** 45'9"

**Beam:** 14'7"

**Draft:** 3'11"

**Weight:** 42,726 lbs.

**Standard Power:** 2/455-hp Caterpillar C7 ACERT diesel inboards

**Optional Power:** 2/567-hp Caterpillar C9 ACERT diesel inboards or 2/490- or 540-hp Cummins QSC8.3 diesel inboards

**Fuel Capacity:** 512 gal.



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## BOATS

### BOAT TESTS

## Grand Banks 45 Eastbay SX

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/567-hp Caterpillar C9 ACERT diesel inboards

**Transmission/Ratio:** ZF/1.97:1

**Props:** 29x31.5 5-blade ZF Faster

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** \$1,000,000 (est.)



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## BOATS

### BOAT TESTS

## Viking 54 Convertible

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Viking

**LOA:** 54'8"

**Model:** 54 Convertible

**Beam:** 17'9"

**Model Year:** 2007

**Draft:** 5'2"

**Boat Type:** Sportfisherman

**Weight:** 77,900 lbs.

**Standard Power** 2/1,360-mhp MAN V12 1360 CRM diesel inboards

**Standard Power:** 2/1,360-mhp MAN V12 1360 CRM diesel inboards

**Optional Power:** 2/1,550-mhp MAN V12 1550 CRM diesel inboards

**Fuel Capacity:** 1,445 gal.



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## BOATS

### BOAT TESTS

## Viking 54 Convertible

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-mhp MAN V12 1550 CRM diesel inboards

**Transmission/Ratio:** ZF2050A/2.0:1

**Props:** 5-blade Veem nibral, dimensions proprietary

**Steering:** Teleflex SeaStar hydraulic w/ power assist off port engine

**Price as Tested:** \$2,357,794



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## BOATS

### BOAT TESTS

## Riviera 56 Open

By [Capt. Bill Pike](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riviera

**LOA:** 63'4"

**Model:** 56 Open

**Beam:** 17'4"

**Model Year:** 2007

**Draft:** 5'0"

**Boat Type:** Sportfisherman

**Weight:** 66,300 lbs.

**Standard Power:** 2/1,015-mhp Caterpillar C18 diesel inboards

**Standard Power:** 2/1,015-mhp Caterpillar C-18 diesel inboards

**Optional Power:** 2/1,550-bhp Caterpillar C30 or 2/1,550-bhp C32 diesel inboards; 2/1,200-bhp MTU 8V 2000 M93 or 2/1,361-bhp MTU 10 V2000 M92 diesel inboards

**Fuel Capacity:** 1,500 gal.



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## BOATS

### BOAT TESTS

## Riviera 56 Open

By [Capt. Bill Pike](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,550-bhp Caterpillar C30 diesel inboards

**Transmission/Ratio:** Twin Disc 5147A/1.96:1

**Props:** 36x45 5-blade Veem nibral

**Steering:** Teleflex Sea-Star hydraulic w/ power assist from port engine

**Price as Tested:** \$1,988,402



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## BOATS

### BOAT TESTS

## Palm Beach / Avalon 32

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Avalon

**LOA:** 35'11"

**Model:** 32

**Beam:** 11'6"

**Model Year:** 2007

**Draft:** 2'4"

**Boat Type:** Cruiser

**Weight:** 9,000 lbs.

**Standard Power:** 1/370-hp Yanmar 6LYA-STP diesel inboard

**Optional Power:** 1/440-hp Yanmar 6LY2A-STP diesel inboard

**Fuel Capacity:** 160 gal.

**Water Capacity:** 105 gal.



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## BOATS

### BOAT TESTS

## Palm Beach / Avalon 32

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 1/440-hp Yanmar 6LY2A-STP diesel inboard

**Transmission/Ratio:** Twin Disc MG5050V/2.04:1

**Props:** 23x27 4-blade nibrals

**Steering:** HyDrive hydraulic

**Price as Tested:** \$396,700



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## BOATS

### BOAT TESTS

## Riva 63 Vertigo

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Riva

**Model:** 63 Vertigo

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 64'2"

**Beam:** 15'9"

**Draft:** 5'3"

**Weight:** 71,400 lbs.

**Optional Power:** 2/1,360-hp MAN V12 1360 CRM diesel V-drives

**Fuel Capacity:** 845 gal.

**Water Capacity:** 174 gal.



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## BOATS

### BOAT TESTS

## Riva 63 Vertigo

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/1,360-hp MAN V12 1360 CRM diesel V-drives

**Transmission/Ratio:** ZFBW665V/1.757:1

**Props:** 31x46.25 Rolla 5-blade

**Steering:** hydraulic w/ power assist



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## BOATS

### BOAT TESTS

## Azimut 43S

By [Jeffrey Moser](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Azimut

**Model:** 43S

**Model Year:** 2007

**Boat Type:** Cruiser

**LOA:** 43'10"

**Beam:** 13'10"

**Draft:** 3'11"

**Weight:** 28,000 lbs.

**Standard Power:** 2/370-hp Volvo Penta IPS-500 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 291 gal.



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## BOATS

### BOAT TESTS

## Azimut 43S

By [Jeffrey Moser](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/370-hp Volvo Penta IPS-500 diesel inboards

**Transmission/Ratio:** Volvo Penta/1.94:1

**Props:** Volvo Penta T5

**Steering:** Volvo Penta electronic



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## BOATS

### BOAT TESTS

## Stealth 540

By [Ben Ellison](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Stealth

**LOA:** 54'6"

**Model:**

**Beam:** 17'11"

**Model Year:** 2007

**Draft:** 4'3" (maximum load)

**Boat Type:** Catamaran

**Weight:** 38,720 lbs.

**Standard Power:** 2/800-hp MAN R-6 diesel inboards

**Fuel Capacity:** 460 gal.



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## BOATS

### BOAT TESTS

## Stealth 540

By [Ben Ellison](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/800-hp MAN R-6 diesel inboards

**Transmission/Ratio:** ZF 325A /1.71:1

**Props:** 31x46.5 5-blade Q-SPD bronze

**Steering:** TQM electronic steering and wheels

**Price as Tested:** \$1,495,000



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## BOATS

### BOAT TESTS

## Spencer 43 Express

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Spencer

**LOA:** 43'1"

**Model:** 43 Express

**Beam:** 14'6"

**Model Year:** 2007

**Draft:** 3'6"

**Builder:** Spencer

**LOA:** 43'1"

**Model:** 43 Express

**Beam:** 14'6"

**Model Year:** 2007

**Draft:** 3'6"

**Boat Type:** Sportfisherman

**Weight:** 25,000 lbs.

**Standard Power:** 2/435-hp Volvo Penta IPS-600 diesels

**Optional Power:** none

**Fuel Capacity:** 660 gal.

**Water Capacity:** 100 gal.

---

## STANDARD EQUIPMENT

7-kW Phasor diesel genset  
teak cockpit sole and covering boards  
4/rod holders  
fresh- and saltwater washdown  
Corian countertops  
Ritchie compass  
2/insulated stowage boxes  
in-transom fishbox  
teak veneer interior  
19,000-Btu Cruisair A/C  
Raritan saltwater MSD  
dimmable LED lights  
Charles ISO-boost  
8/Northstar gel-cell batteries  
Norcold 'fridge  
Magic Chef microwave  
2-burner EuroKera electric cooktop  
26" Panasonic LCD TV in saloon  
15" Sharp LCD TV in master  
12" Toshiba LCD TV in guest stateroom

---

## OPTIONAL EQUIPMENT

2/Release helm chairs, 1/fighting chair  
Eskimo ice maker  
FLIR night-vision system  
2/US 8 electric teaser reels  
2/15" Furuno NavNet displays, RD30, 25-kW open-array radar  
Simrad AP26 autopilot  
2/Icom IC-M604 VHF's  
Northstar 6100i  
Pipewelders tuna tower, outriggers, center 'rigger  
Cadillac Escalade pearl hull color

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## BOATS

### BOAT TESTS

## Spencer 43 Express

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/435-hp Volvo Penta IPS 600 diesels

**Transmission/Ratio:** Volvo Penta/1.94:1

**Props:** T5

**Steering:** Volvo Penta electronic w/ power assist



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## BOATS

### BOAT TESTS

## Jeanneau Prestige 42

By [Capt. Patrick Sciacca](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Jeanneau

**LOA:** 43'10"

**Model:** Prestige 42

**Beam:** 13'8"

**Model Year:** 2007

**Draft:** 3'5"

**Boat Type:** Cruiser

**Weight:** 24,251 lbs. (light displacement)

**Standard Power:** 2/425-hp Cummins QSB5.9 diesel inboards

**Optional Power:** none

**Fuel Capacity:** 306 gal.

**Water Capacity:** 137 gal.

#### STANDARD EQUIPMENT

9-kW Onan diesel genset

32,000-Btu Climma A/C



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## BOATS

### BOAT TESTS

## Jeanneau Prestige 42

By [Capt. Patrick Sciacca](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/425-hp Cummins QSB5.9 diesel inboards

**Transmission/Ratio:** ZF/1.96:1

**Props:** 24x28 4-blade nibral

**Steering:** Lecomble et Schmitt hydraulic

**Price as Tested:** \$476,000



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## BOATS

### BOAT TESTS

## Sessa C52

By [Alan Harper](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/675-hp Volvo Penta D12-675 EVC diesel inboards

**Transmission/Ratio:** ZF 311/1.80:1

**Props:** 26.8x39.4 4-blade nibral

**Steering:** Sea Star hydraulic w/ power assist

**Price as Tested:** \$1,031,950





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## BOATS

### BOAT TESTS

## Sessa C52

By [Alan Harper](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sessa

**LOA:** 52'2"

**Model:** C52

**Beam:** 14'9"

**Model Year:** 2007

**Draft:** 3'8"

**Boat Type:** Cruiser

**Weight:** 44,709 lbs.

**Standard Power:** 2/675-hp Volvo Penta D12-675  
EVC diesel inboards

**Optional Power:** none

**Fuel Capacity:** 528 gal.

**Water Capacity:** 158 gal.

---

## STANDARD EQUIPMENT

44-lb. Bruce anchor w/ 230-ft. 10-mm chain  
 1.5-kW Quick bow windlass  
 4.6-cu.ft. Isotherm cockpit refrigerator  
 13-hp Side-Power bow thruster  
 6.5-kW Mase genset  
 Bennett hydraulic trim tabs  
 Raymarine C120 GPS/plotter, ST6001 autopilot, ST60 Tridata speed/log/depth  
 2-burner Schott ceramic stove, 4.6-cu.-ft. 'fridge, cockpit coolbox  
 Franke four-burner stove, 4.6-cu.ft Isotherm 'fridge, Daewoo microwave in galley  
 3/electric automatic, 1/manual bilge pumps  
 10-gal. water heater  
 60-amp 24-volt battery charger  
 Tecma electric MSDs  
 9'2" tender garage w/ hydraulic hatch  
 24,000-Btu Climma A/C

---

## OPTIONAL EQUIPMENT

Besenzoni hydraulic passerelle  
 15" Sharp LCD TV in cockpit  
 20" Sharp LCD TV in saloon  
 13" Sharp LCD TV in master cabin  
 2/Quick electric mooring winches  
 hull color

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## BOATS

### BOAT TESTS

## Sea Ray 55 Sundancer

By [Capt. Richard Thiel](#)



### Boat Tests

#### SPECIFICATIONS

**Builder:** Sea Ray

**LOA:** 60'0"

**Model:** 55 Sundancer

**Beam:** 15'11"

**Model Year:** 2007

**Draft:** 4'6"

**Boat Type:** Cruiser

**Weight:** 53,000 lbs.

**Standard Power:** 2/765-hp MAN 800 CR diesel inboards

**Optional Power:** 2/861-hp MAN V8 900 CR diesel inboards

**Fuel Capacity:** 825 gal.

**Water Capacity:** 70 gal.

---

## STANDARD EQUIPMENT

adjustable circular cockpit seating  
dual manual sunroofs  
electronic power-distribution system w/ touchpad control  
Sirius satellite radio  
fold-out sofa sleeper  
inclining forward sunpads  
Clarion AM/FM stereo/CD in cockpit  
Bose Lifestyle 48 saloon entertainment system  
ice maker  
CO detectors  
wooden blinds  
32" retracable LCD HDTV  
wooden flooring  
Krupps coffee maker  
Sub-Zero under-counter refrigerator and freezer  
24-volt bow thruster  
Raymarine E120 chartplotter, 4-kW radar, autopilot, and VHF  
20" LCD TV in forward stateroom  
26" LCD TV in midcabin  
ultrasonic fuel-level sensors  
21-kW Onan genset w/ soundshield and electronic control  
oil-change system  
shore-power isolation transformer  
Glendinning Cablemaster  
2/65-amp battery equalizers  
LCD digital pump monitoring system

---

## OPTIONAL EQUIPMENT

Raymarine ST 8002 autopilot and E-120 GPS/chartplotter w/ 4-kW open-array radar  
Sea Ray Navigator III  
polished s/s anchor  
china (bowls, coffee cups, flatware, glassware, and plates)  
DSS satellite HDTV  
teak sole in upper cockpit  
underwater lights  
stern thruster  
spare props  
hydraulic swim platform w/ remote  
aft cockpit table w/ teak insert  
shorepower isolation booster  
cockpit TV  
water filtration system

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## BOATS

### BOAT TESTS

## Sea Ray 55 Sundancer

By [Capt. Richard Thiel](#)



### TEST BOAT SPECIFICATIONS

**Test Engine:** 2/765-hp MAN CR 800 diesel inboards

**Transmission/Ratio:** ZF/2.77:1

**Props:** 30x34 4-blade Nibral

**Steering:** SeaStar hydraulic, power-assisted

**Price as Tested:** \$1,523,236

---

### OPTIONAL EQUIPMENT ON TEST BOAT

Raymarine ST 8002 autopilot and E-120 GPS/chartplotter w/ 4-kW open-array radar

Sea Ray Navigator III

polished s/s anchor

china (bowls, coffee cups, flatware, glassware, and plates)

DSS satellite HDTV

teak sole in upper cockpit

underwater lights

stern thruster

spare props

hydraulic swim platform w/ remote

aft cockpit table w/ teak insert

shorepower isolation booster

cockpit TV

water filtration system

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