

# 450 Express Bridge

## 2003



### FEATURES

- Cockpit molded fiberglass access steps.
- Walk-thru bridge with door and molded fiberglass steps to foredeck.

### SEA RAY SPORT YACHTS 2003

#### 450 EXPRESS BRIDGE

Overall length w/bow pulpit & std. swim platform	51' 4"	15.65 m
Beam	14' 8"	4.47 m
Draft (Inboards)	41"	104.1 cm
Dry weight	29,500 lbs	13,381 kg
Fuel capacity	400 gal	1,514 L
Water capacity	100 gal	378.5 L
Holding tank	60 gal	227.1 L
Dead rise	15°	15°

*Sea Ray* 

# 450 Express Bridge

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### Features and Standard Equipment

#### HULL & DECK FEATURES

Bottom Paint  
Bow Pulpit, Integral  
Bow Rail, 316 Stainless Steel w/Welded Stanchions  
Cleats, Custom Sea Ray® Thru-Bolted - Stainless Steel (8)  
Color Schemes (Blue, Green, Black/Gold)  
Deck Fill Plates, Stainless Steel  
Deck Rails, 316 Stainless Steel  
Foam-Filled Under Floor Areas  
Gel-Coat, Arctic White  
Graphics, Striping  
Handrails, 316 Stainless Steel  
Hatch, Deck Vent - Translucent w/Locks & Sky Screen Cover (20x20)  
Light, Stern  
Lights, Navigation  
Portlights, Stainless Steel (4 Fixed, 6 Opening)  
Resin, High-Performance Vinylster  
Rub Rail, PVC w/Stainless Steel Insert  
Storage, Transom Wall - Fenders & Gear  
Stringer System, Fiberglass Hatman  
Swim Platform, Extended  
w/Concealed Stainless Steel Three-Step  
Swim Ladder w/Integral Grab Handle  
Thru-Hull Fittings, Color-Coordinated  
Toe Rail, Molded Fiberglass - Deck  
Vent System, Engine Room - Integral  
Windows, Deck Side w/Sliding Vent Windows & Screens  
Windshield, Bridge Venturi - Aluminum-Framed  
Windshield, Tempered/Tinted Curved Glass

#### Canvas (Sunbrella®):

Aft Cockpit Awning Shade  
Bimini Top w/Boot, Windlass Cover & Vertical Storage  
Bridge Cover  
Canvas Storage Bag  
Windshield Cover  
Windshield Shades

#### Windlass System:

Anchor, Galvanized  
Anchor Chute, Stainless Steel  
Anchor Rope/Chain Storage w/Hatch  
Anchor Washdown Spigot w/Hose  
Windlass, Rope/Chain w/Foot Switches (Lofrans Progress I)

#### Certifications:

Meets Applicable USCG & ABYC Standards  
NMMA Certification

#### COCKPIT FEATURES

Carpet Liner, Snap-In  
Door, Cabin Entry (Sliding & Lockable w/Screen)  
Doors, Transom (2) - Port & Starboard  
Floor Liner, Fiberglass - Self-Bailing  
Hatch, Engine Service - Gas-Assisted  
Lighting, Indirect  
Seating, Aft Bench (Foldaway)  
Steps, Molded Deck Access  
Storage, Aft Coaming w/Fiberglass Bins  
Storage, Side Panels

#### BRIDGE FEATURES

Beverage Holders (5)  
Carpet Liner, Snap-In  
Control Station w/Windscreen (Located in Center Bridge)  
Handrails, 316 Stainless Steel  
Icemaker, 120V  
Lighting, Indirect  
Outlet, 12V Accessory  
Outlet, 120V GFI Protected  
Seating, Aft Bench  
Seating, Forward/Aft Bench w/Storage Below  
Seating, Helm - Custom Euro-Style w/Flip-Up  
Thigh-Rise Bolster, Armrests & Heavy-Duty Pedestal w/Slide, Swivel & Pneumatic Vertical Adjustment  
Ship's Bell  
Sport Spoiler, Molded Fiberglass (Seamless) w/Overhead Lighting  
Steps, Molded Bridge Access w/Storage Below  
Stereo, 12V AM/FM Single CD w/6-Disc CD Changer, Amplifier, Subwoofer, Speakers (6) & Digital Cockpit/Bridge Remote Control (Clarion®)  
Table, Bridge  
Walk-Thru Bridge w/Door & Hinged Venturi  
Wet Bar w/Sink, Faucet, Stainless Steel Handrail, Trash Receptacle & Storage Cabinet w/Bottle Rack Below

#### CABIN FEATURES

Carbon Monoxide Monitors  
Carpet, Deep-Pile BCF - 44-Ounce  
Carpet Runners, Interior (Sunbrella®)  
Interior Finish - Blossom Cherry (also available in Natural Maple)  
Lighting, 12V Halogen  
Lighting, 12V Indirect  
Lighting, 120V  
Outlet, 12V Accessory  
Outlets, Phone  
Pillows, Accent  
Polished Chrome Outlet & Switch Plates  
Shades, Fabric Day/Night w/Drape Trim  
Storage, In-Floor  
Wood Trim, Handcrafted

#### Salon/Dinette:

Entertainment System  
- Stereo, 12V Double Din AM/FM Digital Cassette & Single CD w/6-Disc CD Changer, Amplifier & Speakers (6) (Clarion®)  
- TV/VCR/Radio Combo, 20" w/Remote, Coax Outlet & Gain Control Panel  
Filler Cushions  
Seating, U-Shaped Sofa - Converts to Bed (Ultra-leather HP™)  
Storage, Cabinets  
Table, Dinette (Movable) w/Stool

#### Galley:

Coffemaker, 120V (Spacemaker™)  
Countertop, Solid Surface w/Sink & Single-Lever Grohe® Faucet  
Flooring, Wood  
Lighting, Dual-Voltage - 120V/12V  
Microwave/Convection Oven, 120V  
Power Vent, 12V  
Refrigerator/Freezer, Upright - Dual-Voltage - 120V/12V  
Storage, Cabinet - Dish  
Storage, Drawers w/Cutlery Insert  
Storage, Upper & Lower w/Designated Plate, Glass & Bottle Storage  
Stove, 240V Recessed Three-Burner w/Solid Surface Cover

#### Forward Stateroom:

Bed, Full-Size w/Innerspring Mattress, Pillows, Sheets, Coordinated Spread & Drawer Storage Below  
Door, Privacy  
Hanging Locker w/Shelves, Light & Mirrored Door - Starboard  
Hanging Locker, Cedar-Lined w/Light & Mirrored Door - Port  
Mirrored Rope Locker Bulkhead  
Storage, Gunwale Cabinets  
Storage, Side Shelves  
TV/VCR/Radio Combo, 13" - 120V w/Remote & Coax Outlet

#### Forward Head/Shower:

Clothes Hook  
Door, Privacy - Access from Forward Stateroom  
Handrails, Elliptical Stainless Steel  
Head w/Fiberglass Settee Lid (VacuFlush®)  
Power Vent, 12V  
Shower w/Seat, Adjustable Shower Wand & Circular Acrylic Door  
Storage, Cabinet - Upper  
Storage, Medicine Cabinet - Mirrored  
Vanity w/Solid Surface Countertop, Sink, Grohe® Faucet & Storage Below

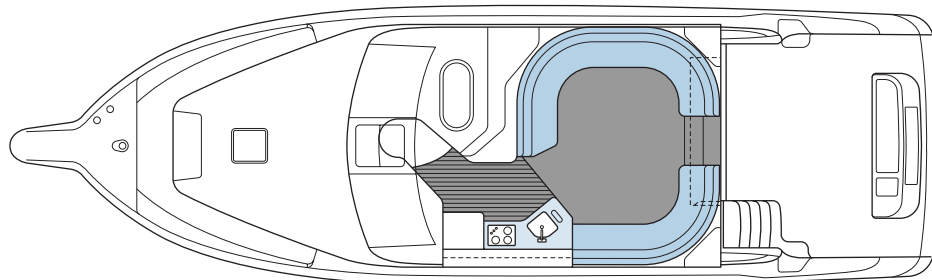
#### Guest Stateroom:

Bed, Full-Size w/Innerspring Mattress, Pillows, Sheets, Coordinated Spread & Carpeted Storage Below w/Gas-Assisted Hatch  
Door, Privacy  
Hanging Locker, Cedar-Lined w/Light & Mirrored Door  
Skylight, Oval  
Storage, Cabinet & Drawers  
TV/VCR/Radio Combo, 13" - 120V w/Remote & Coax Outlet

#### Guest Head/Shower:

Clothes Hook  
Door, Privacy - Access from Guest Stateroom  
Door, Privacy - Access from Salon  
Handrails, Elliptical Stainless Steel  
Head w/Fiberglass Settee Lid (VacuFlush®)  
Power Vent, 12V  
Shower w/Seat, Adjustable Shower Wand & Circular Acrylic Door  
Storage, Medicine Cabinet - Mirrored  
Vanity w/Solid Surface Countertop, Sink, Grohe® Faucet & Storage Below

NOTE: Boats which are ordered with 220V/50 Cycle Electrical Systems will be installed with the appropriate appliances in the corresponding voltage.



Upper Cabin/Cockpit Layout

VR

For a virtual reality  
tour of this boat visit  
[www.searay.com](http://www.searay.com)

## TECHNICAL

### Control Station:

Alarms, Engine - Oil, Water & Transmission Oil  
Alarms, High-Water - Bilge & Cabin  
Compass  
Emergency Start System - Engines  
Horns, Air (Concealed) - Dual Trumpet  
Panel, Instrument - High-Gloss Burl  
Panel, Switch (Backlit) - Burl Lexan  
Shift & Throttle Controls w/Gold Knobs  
SmartCraft™ Diagnostics:  
Instrumentation, Custom Sea Ray® SmartCraft  
4-in-1 Multigauges (2) w/Low-Glare Blue Night  
Lighting & Chrome Bezels (Includes:  
Fuel Level, Oil Pressure, Voltmeter,  
Water Temperature)  
SmartCraft System View (Includes: Air &  
Water Temperature, Combined Fuel Flow/  
Range, Depth, Engine Alarms/Hourmeters,  
Engine Synchronizer, GPS Interface,  
System Maintenance Records)  
Spotlight w/Dual Halogen Bulbs -  
Remote-Controlled (ACR®)  
Steering, Hydraulic  
Steering, Tilt Wheel  
Steering Wheel, Wood-Accent  
Switches, Illuminated Weatherproof Rockers &  
Dimmer Control  
Systems Monitor, Digital LCD - for Engine Diagnostics &  
Pump Monitoring

### Electronics:

Electronics Circuit w/Ground Plate, 50 Amp/12V  
GPS (Raymarine RayNav 300 GPS)  
w/WAAS Differential Sensor  
VHF Radio (Raymarine 230)  
w/Remote Speaker & 8' Fiberglass Antenna

### Electrical Systems:

Batteries, 8-D w/Boxes (2) & Group 27 for  
Genset (1)  
Battery Charger/Converter, 120V/50 Amp/12V  
Battery Charger Overcurrent Protection  
Isolator, Galvanic  
Panel, Circuit Breaker - Remote  
Panel, DC Main Breaker  
Panel, Main Distribution - AC  
Panel, Main Distribution - DC  
Shore Power, Cablemaster (Glendinning)  
50 Amp/240V/60 Cycle  
w/75' Cord & Wireless Remote  
(Glendinning Cablemaster is not available  
w/220V/50 Cycle)  
Transformers, Shore Power Isolation -  
50 Amp/120V/60 Cycle  
TV/Phone Inlet w/TV Antenna, TV Shore Cord &  
Phone Shore Cord  
Wiring, Color-Coded w/Chafe Protection

### Generator:

Remote Start w/Muffler, Freshwater Cooling,  
Fuel Filter, Seacock & Seawater Strainer  
120V/60 Cycle  
8.0 kW Diesel  
(Generator manufacturer and size may vary due to  
product availability.)

### Air Conditioning/Heating:

Zone-Controlled Reverse-Cycle System  
(30,000 BTU)  
Custom Integral Vent System

### Engine Room:

Bilge Pumps, 12V Automatic (2)  
Bilge Pumps, 12V Automatic High-Water  
(1 Bilge, 1 Cabin)  
Blowers, 12V Bilge (2)  
Engine Drip Sumps  
Exhaust, Underwater - Patented  
Fire Suppression System - Automatic w/Manual Pull  
Freshwater Cooling  
Gel-Coated Engine Room, Oyster  
Insulation, Engine Room - 2" w/Vinyl Barrier  
Ladder, Stainless Steel - Removable  
Lighting, 12V  
Oil Changer System - Engines, Transmissions &  
Generator  
Synchronizer, Engines

### Fuel System:

Crossover Fuel System  
Fuel Filters (3) (Racor®)  
(2) 75-900MA (Dual) for Engines  
(1) 500MA for Generator  
Fuel Lines, USCG - Type A-1  
Fuel Tanks, Aluminum w/Anti-Siphon Valves &  
Electric Sending Units (2)

### Water System:

Freshwater Washdown Hose Spigot - Engine Room  
Freshwater Washdown Spigot - Transom  
Pressure Water System w/Dual 12V Pumps  
Shower, Cockpit - Hot & Cold  
Water Heater, 240V (8.5-Gallon)  
Water Inlet, Dockside  
Water Tank (120-Gallon)

### Waste Systems:

Central Drain System  
Head System (VacuFlush®)  
Holding Tank Level Indicators - MDP & Heads  
Holding Tank w/Dockside Pump-Out (60-Gallon)  
Sump Box w/Pumps - Automatic

### Underwater Gear:

Bonding System w/Zinc Hull Plate  
Propeller Shafts, 2" Stainless Steel (2) -  
Aquamet 22  
Propellers, Nibral 4-Blade Cup  
Rudders, Manganese-Bronze w/Stainless Steel Posts  
Seacocks on all Underwater Fittings  
Seawater Strainers  
Shaft Logs, Dripless w/Extra Seal Carrier Kit  
Struts, Manganese-Bronze  
Trim Tabs, Hydraulic

## STANDARD PROPULSION

T-VD-Cummins® 6CTA 8.3M Diesel V-Drives  
(T-417 hp - 311 kW)

## Options/Accessories

## OPTIONAL PROPULSION

### Twin Diesel V-Drives:

T-VD-Volvo TAMD 74P EDC  
(T-460 hp - 343 kW)

(SmartCraft Systems N/A on Volvo Engine  
Applications.)

## GENERATOR OPTION

**Includes Remote Start w/Muffler, Freshwater  
Cooling, Fuel Filter, Seacock & Seawater Strainer**  
220V/50 Cycle (Int'l)  
6.0 kW Diesel  
(Generator manufacturer and size may vary due to  
product availability.)

## RAYMARINE ELECTRONICS OPTIONS

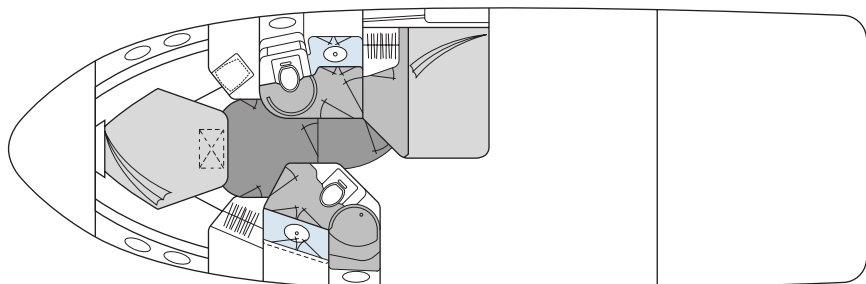
Autopilot (Raypilot ST-7001+)  
Radar, RL80C Plus w/Open Array  
Radar, RL80CRC Plus w/Built-In Raychart & GPS  
(10" Color LCD w/4 kW Open Array)

## INDIVIDUAL OPTIONS

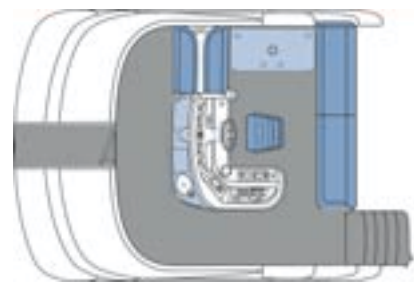
Bow Thruster  
Canvas, Black (in lieu of Std. Colors)  
Canvas, Dash Cover  
DSS Satellite TV System  
Generator Sound Shield  
Gray Water System  
Live Baitwell System  
Macerator w/Seacock Interlock System  
Propellers, Spare w/holders (Pair)  
Refrigerator, 120V/60 Cycle - Bridge  
(in lieu of Std. Ice-maker)  
Rod Holders (2)  
Sea Ray® Navigator, 10.4" PC Chartplotter  
w/Sunlight Viewable Touch Screen LCD  
Seating, Aft Bench w/Storage Below - Cockpit  
Stereo, Bose® Lifestyle 35/DVD w/Acousticmass  
- Forward Stateroom  
Sun Pad, Forward Deck  
Swim Platform, Hydraulic Marine Lift  
Table, Cockpit - Fiberglass  
Transformer, Shore Power Isolation Boost -  
50 Amp/240V/60 Cycle  
TV, LCD Flat Screen w/DVD - Salon  
Vacuum System, Central - 120V/60 Cycle (Beam®)  
Washer/Dryer Combo, 120V  
Windlass, All-Chain (in lieu of Std. Rope/Chain)  
(Lofrans Progress I)

CE Option

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Lower Cabin Layout



Bridge Layout



# 450 Express Bridge

2003



In the galley, luxurious handcrafted wood cabinetry discreetly conceals its contents while every desirable resource for preparing elegant dining and entertainment is at hand.



The salon sofa is a great place to relax, whether for conversation or for dining at the movable dinette. The color TV/VCR/radio combo includes Clarion® AM/FM digital cassette and single CD stereo with six-disc changer, amplifier and speakers. If more sleeping accommodations are needed, the sofa/dinette converts to a sleeper.



In the forward stateroom, the full-size pedestal bed with innerspring mattress has its own sheets and coordinated spread. Hanging lockers with mirrored doors add to the feeling of spaciousness. A color TV/VCR/radio combo is built into the bulkhead.



The guest stateroom contains a full-size bed with innerspring mattress and matching linens. There's also a TV/VCR/radio, cedar-lined hanging locker and easy access to the guest head.



The forward head has a VacuFlush® toilet with fiberglass settee lid; vanity with Corian® top and sink; storage and medicine cabinet; and a shower with seat, adjustable shower wand and circular acrylic door.



The wraparound control station is the finest ever designed by Sea Ray. It's an ergonomic masterpiece that provides unparalleled ease of use and super visibility.

The 450 Express Bridge gives you more seating, more entertaining and more sleeping accommodations than you ever dreamed of. In fact, with two staterooms and two full heads, space abounds in this superbly designed 45-foot sport yacht. Twin Cummins® engines take you to your destination quickly and smoothly. And three entertainment centers ensure a comfortable passage for everyone on board.

Sea Ray Boats, Inc., 2600 Sea Ray Blvd., Knoxville, TN 37914. For information call 1-800-SRBOATS or fax 1-865-213-7878. Internet address: <http://www.searay.com>

Note: Not all accessories shown in pictures or described herein are standard equipment or even available as options. Options and features are subject to change without notice.

Not all model year boats may contain all the features or meet the specifications described herein. Confirm availability of all accessories and equipment with an authorized

Sea Ray dealer prior to purchase. Printed in the U.S.A. August 2002 © Sea Ray Boats, Inc. MRP#1691449

