

# 450 Express Bridge

2001



## FEATURES

- COCKPIT MOLDED FIBERGLASS ACCESS STEPS.
- FOAM-FILLED FIBERGLASS STRINGER SYSTEM.
- MOLDED FIBERGLASS U-SHAPED SOFA/DINETTE.
- WALK-THRU BRIDGE WITH DOOR AND MOLDED FIBERGLASS STEPS TO FOREDECK.

## SEA RAY SPORT YACHTS 2001

### 450 EXPRESS BRIDGE

OVERALL LENGTH	45' 6"	13.87 M
W/STD. BOW PULPIT	48' 7"	14.81 M
W/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*

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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 Vinyloster  
Rub Rail, PVC w/Stainless Steel Insert  
Shrink Wrap  
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, Tempered/Tinted Curved Glass  
Windshield, Bridge Venturi (Aluminum-Framed)

#### Canvas (Sunbrella®):

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

#### Windlass System:

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

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, Service (Engine Room) - Gas-Assisted  
Lighting, Indirect  
Rod Holders (2)  
Seating, Aft Bench - Fold-Out  
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, Armrest & 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 (4) & 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®)  
Lighting, 12V Halogen  
Lighting, 12V Indirect  
Lighting, 120V  
Outlets, Phone  
Pillows, Accent  
Polished Brass Outlet & Switch Plates  
Shades, Fabric Day/Night w/Drape Trim  
Storage, In-Floor  
Vacuum System, Central - Dual Inlet (Beam™)  
Wood Trim, Handcrafted

#### Salon/Dinette:

Desk w/Swivel Bar Stool  
Entertainment System  
Stereo, 12V Double Din AM/FM Digital Cassette &  
Single CD Player w/6-Disc CD Changer, Amplifier &  
Speakers (8)  
TV/VCR/Radio Combo, 20" w/Remote & Outlet for Antenna &  
TV Coax to Dockside  
Filler Cushions  
Seating, U-Shaped Sofa - Converts to Bed (Ultraleather HP™)  
Storage, Cabinets  
Table, Dinette (Folding Leaf) w/Corian® Surface &  
Dedicated Storage

#### Galley:

Breakfast Bar w/Swivel Bar Stool  
Coffeemaker, 120V (Spacemaker™)  
Countertop, Molded Fiberglass w/Granite-Colored  
Gel-Coat, Sink, Single-Lever Grohe® Faucet &  
Corian® Sink Cover  
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 Flush-Mount Three-Burner  
w/Stainless Steel Safety Rail  
Trash Receptacle w/Chute & Corian® Cover

#### Forward Stateroom:

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

#### Forward Stateroom Head:

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/Corian® Countertop, Sink, Grohe® Faucet &  
Storage Below

#### Guest Stateroom:

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

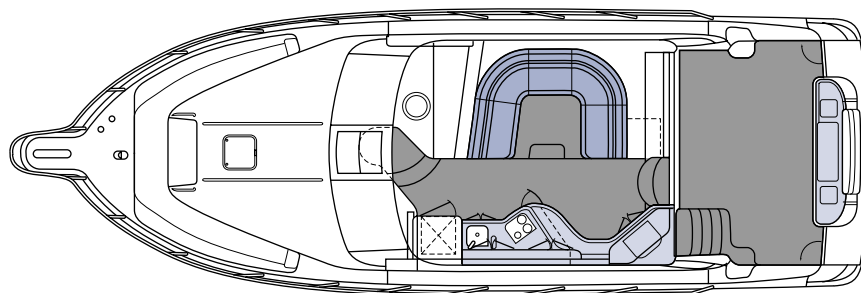
#### Guest Head:

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/Corian® Countertop, Sink, Grohe® Faucet &  
Storage Below

#### Aft Stateroom:

Bed, Full-Size w/Pillows, Sheets & Coordinated Spread  
Storage, Cabinet - Upper  
Washer/Dryer Combo, 120V

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

## TECHNICAL

### Control Station:

Alarms, Engine - Oil, Water & Transmission Oil  
Alarms, High-Water - Bilge & Cabin  
Compass  
Emergency Start System - Engines  
Horns, Air (Concealed) - Dual Trumpet  
Instrumentation, Custom Sea Ray®  
Backlit w/Low-Glare Blue Night Lighting &  
Stainless Steel Bezels  
Fuel (2)  
Oil Pressure (2)  
Tachometers w/LCD Hourmeters (2)  
Voltmeters (2)  
Water Temperature (2)  
Panel, Instrument - High-Gloss Burl  
Panel, Switch - Backlit Burl Lexan  
Shift & Throttle Controls w/Gold Knobs  
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:

GPS (Raytheon RayNav 300 GPS) w/WAAS Differential Sensor  
Multifunction Instrument (Raytheon Tridata ST-60)  
Depth Finder  
Speed/Sumlog  
Water Temperature  
VHF Radio (Raytheon 220) 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  
Electronics Circuit w/Ground Plate, 50 Amp/12V  
Inlet, TV Coax & Telephone w/Cords  
Isolator, Galvanic  
Panel, DC Main Breaker  
Panel, Main Distribution - AC  
Panel, Main Distribution - DC  
Panel, Remote Circuit Breaker  
Shore Power, Cablemaster (Glendinning)  
50 Amp/240V/60 Cycle w/75' Cord & Wireless Remote  
(Glendinning Cablemaster is not available w/220V/50 Cycle)  
Wiring, Color-Coded w/Chafe Protection

### Generator:

Remote Start w/Muffler, Freshwater Cooling, Fuel Filter, Seacock  
& Seawater Strainer, 240V  
8.0 kW Westerbeke™ Diesel

### Air-Conditioning/Heating:

Zone-Controlled Reverse-Cycle System  
(30,000 BTU - 2.5-Ton)  
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  
Freshwater Cooling  
Gel-Coated Engine Room, Gray  
Insulation, 2" w/Loaded 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, 1 3/4" 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-CAT3126TA Caterpillar® Diesel V-Drives  
(T-340 hp - 254 kW)

## Options/Accessories

### OPTIONAL PROPULSION

**Twin Diesel V-Drives:**  
T-VD-Cummins® 6CTA 8.3M  
(T-430 hp - 321 kW)  
T-VD-CAT3208TA Caterpillar®  
(T-437 hp - 326 kW)  
T-VD-Volvo TAMD 74P EDC  
(T-460 hp - 343 kW)

### OPTIONAL PACKAGES

#### Generator Options (in lieu of Std.):

220V/50 Cycle (Int'l)  
8.0 kW Westerbeke™ Gas  
240/120V/60 Cycle  
10.0 kW Westerbeke™ Diesel  
220V/50 Cycle (Int'l)  
6.0 kW Westerbeke™ Diesel

#### Raytheon Electronics Options:

Autopilot - Raypilot ST 7000+  
Fishfinder 750  
Hailer Speaker (for Ray 220 VHF)  
Radar  
R75RC Open Array High Resolution  
R85RC Open Array High Resolution

### INDIVIDUAL OPTIONS

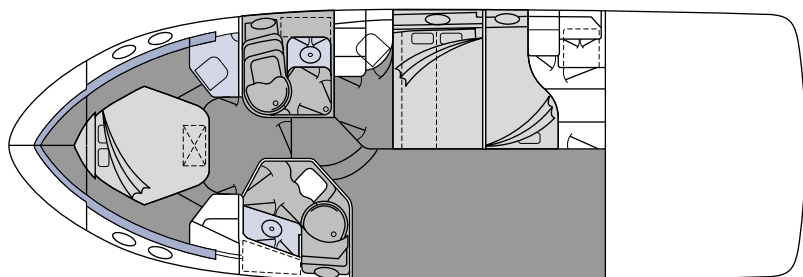
Bilge Pump System, Manual  
Bow Thruster  
Canvas, Console Cover  
Canvas, Dash Cover  
DSS Satellite TV System  
Generator Sound Box  
Gray Water System  
Live Baitwell System  
Macerator w/Seacock Interlock System  
Refrigerator, 120V/60 Cycle - Bridge (in lieu of Std. Ice Maker)  
Seating, Aft Bench w/Storage Below - Cockpit  
Shore Power w/50' Cords, 50 Amp/120V/60 Cycle &  
30 Amp/120V/60 Cycle  
Stereo Upgrade, 120V/60 Cycle (Bose® Lifestyle 20)  
Sun Pad, Deck - Forward  
Swim Platform, Hydraulic Marine Lift w/Wireless Remote  
Table, Cockpit - Fiberglass  
Windlass, All-Chain (in lieu of Std. Rope/Chain) (Lofrans Progress I)  
Wood Interior Package - Cherry or Clear Maple

#### Safety Package:

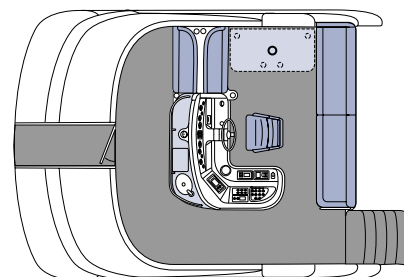
5/8" x 40' Dock Lines (6)  
Boat Hook  
Chart Holder  
Fender Holders (4)  
Fenders (4)  
Fire Extinguishers (3)  
First Aid Kit  
Flare Kit w/Flush Holder  
Life Jackets (8)  
Ring Buoy (19")

Storage Cradle  
CE Option

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Cabin Layout



Bridge Layout



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The elevated U-shaped sofa/dinette is a great place to relax, whether for dining, conversation or enjoying the color TV/VCR and Clarion® AM/FM CD player with six-disc changer, amplifier and six speakers.



In the galley, luxurious, handcrafted wood cabinetry discreetly conceals its contents while every desirable resource for preparing elegant dining and entertainment is at hand. Note: Shown with optional wood interior package.



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



Guests in the stateroom located midship have private access to the starboard guest head with VacuFlush® toilet, vanity with Corian® top and sink and shower with adjustable shower wand.



The aft stateroom contains a full-size bed, hanging locker with mirrored door and built-in storage. The washer/dryer combo is also located here.



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.

Sea Ray Boats, Inc., 2600 Sea Ray Blvd., Knoxville, TN 37914. For information call 1-314-216-3333 or fax 1-314-213-7878. 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 2000 ©Sea Ray Boats, Inc. MRP #1467521