

Masters *2670E*



SPORTSMAN

*Owner's Manual and
Quick-reference Guide*

2022

Introduction



WELCOME TO THE SPORTSMAN TEAM!

Here at Sportsman Boats, we take great pride in producing the finest, most well designed saltwater fishing and pleasure boats on the market today. Our designs incorporate the most modern technology while applying good old "Common Sense" technology as well. From our advanced composite construction, ergonomic console designs, patented "Total Access" hatch, and superior ride and handling characteristics, we think you will agree that Sportsman is setting a new standard. Sportsman Boats builds the fastest growing line of family-friendly center console boats in-class, built with the latest designs, procedures and materials to give you and your family unparalleled performance with a dry, safe and comfortable ride

We do not take lightly the confidence you have placed in us with your decision to purchase your Sportsman boat. We will always strive to provide for you and your family the superior customer service you deserve. We hope that you enjoy your time out on the water as much as we enjoy building your Sportsman boat!

Safe Boating and Tight Lines,
Tommy Hancock

SPORTSMAN

Important Information



BOAT INFORMATION / SPECIFICATIONS	
MODEL:	HULL SERIAL #:
PURCHASE DATE:	DELIVERED:
IGNITION KEY #:	REGISTRATION #:
DRAFT:	WEIGHT:
VERTICAL CLEARANCE:	
ENGINE / PROPELLER INFORMATION	
ENGINE MAKE:	MODEL:
ENGINE SERIAL #:	
PROPELLER MAKE:	# OF BLADES:
DIAMETER / PITCH:	MODEL:
PART #:	
OPTIONAL EQUIPMENT / OPTION PACKAGES	
TRAILER INFORMATION	
MAKE:	MODEL:
SERIAL #:	GVRM:
ADDITIONAL INFORMATION:	
DEALER	SPORTSMAN
NAME:	PHONE:
PHONE:	REPRESENTATIVE:
SALES PERSON:	ADDRESS:
SERVICE MANGER:	
ADDRESS:	

We recommend filling out the information in this table and keeping one copy of this page in your personal records and one copy with your owner's manual. This information will be important should you need to contact your dealer or Sportsman Boats Manufacturing for technical assistance and/or service.

Specifications



Length Overall	26'7"
Beam	9'2"
Draft	14.75"
Deadrise at Transom	15°
Approximate Usable Fuel Capacity	116 gal.
Approximate Dry Weight	4600 lbs.
Maximum Engine Horse Power	425 HP

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Overall Dimensions & Terminology



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Features & Performance

Standard Features

SportLink® Electronics Integration System
Garmin GPSMAP® 1243xsv Touch MFD 12"
Garmin VHF 110 Radio w/ Antenna
SeaStar Maximus Digital Switching System
Garmin Fusion® Apollo™ RA670 Marine Stereo
(8) JL Audio M3-650X Gloss White Sport Grille Speakers
Airmar B60 Thru-Hull Transducer
Battery Switches & 2 Batteries
Compass
Dash Panel Cover
Fiberglass Hard-Top w/ LED Lighting
Horn
Integrated Tempered Glass Windshield
Interior LED Lighting Package
Jack Plate (6" Heavy Duty)
Lockable Console Storage
Matching Hard-Top Underside Color
Optimus Electronic Power Steering w/ Tilt
Rub Rail Navigation Lights
Trim Tabs w/ LED Indicator
Trolling Motor Plug/Harness
Underwater Lights
USB Audio Plug In-Dash & 12V Receptacle
Bow Bolsters
Cockpit Bolsters
Console Footrest w/ Pads
Helm Pad
Premium SoftTouch Textured Marine Vinyl or White
Rear Fold Up Bench Seat w/ Storage
Under Gunwale Reel Pads

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(1) 21 Gallon Rear Livewell (Port)
(1) 21 Gallon Rear Recirculating Livewell w/ Pro-Air (STBD)
(1) 32 Gallon Macerated In-Deck Fish Box
(1) 36 Gallon Bow Fish Box
(1) 8 Gallon Bow Livewell (STBD)
(1) 8 Gallon Bow Storage Box
25 Gallon Freshwater Tank w/ Fluid Level Sensor & Washdown
Anchor Storage
Fiberglass Leaning Post w/ Built-In 32 gal. Livewell
High Speed Livewell Pick Up
Macerated Bow Coffin Box - 104 Gal
Raw Water Washdown
SportTech™ Advanced Fabrication Process
(4) Flush Mount Gunwale Rod Holders
10-Year Hull Warranty
116 Gallon Fuel Tank w/ Fuel Level Sensor
Advanced Fiberglass Stringer System (No Wood)
Console Interior Liner
Dual Premium Seat on Fiberglass Leaning Post
Grip Tex Yacht Style Non-Skid
Large Rear Casting Deck
Light Hull Color
Pull-Up Cleats
Rear Total Access Hatch
Recessed Bow Hand Rails
Self Bailing Cockpit
Stainless Steel Cup Holders - 8
Stainless Steel Drain Covers
Stainless Steel Propeller
Stainless Steel Rub Rail
Stainless Steel Steering Wheel w/ Knob
Swim Platform w/ 3-Step Ladder
Under Gunwale Folding Rod Racks
Underlid Gaskets
Yacht & NMMA Certified

Features & Performance

Optional Features

- Second Garmin GPSMAP® 1242xsv Touch 12"
- Garmin GMR™ Fantom 18 Radome
- Garmin GMR™ Fantom 18 Radome (2nd Station)
- Garmin GMR™ 424 xHD2 Open Array
- Garmin Reactor™ 40 Autopilot
- Garmin GXM™ 53 SiriusXM® Weather Antenna
- Fusion M6/JL SSP Amps Package

- Airmar B175M CHIRP Thru-Hull Transducer Upgrade

- Console Cover
- Custom Color Engine
- Dark Hull Color(Black/St Blue) Upgrade
- Edson 13" SS Comfort Grip Steering Wheel w/ PowerKnob
- Gull Wings

Stereo Upgrade

- JL Speakers
- JL 10" Amplified Subwoofer
- JL Amplifier

- Gunwale Rod Holders / Each
- Half Tower w/ Second Station
- Mooring Cover (Sunbrella®)
- On-Board Battery Charging System
- Porta Potti
- Powder Coating
- Powder Coating for Ski Tow Bar
- Release Marine Package
- SeaStar ProTap Controller (req. Jack Plate)
- Ski Tow Bar
- Sun Shade w/Poles - Front
- Sun Shade w/Poles - Rear
- Taco Outriggers - GS280
- Transhield Shipping Cover
- Windshield Close Out

Powder Coat Selection

- Black - White



Color Selection

- Driftwood
- Ice Blue
- Island Blue
- Jet Black
- Sea Mist Green
- Silver Cloud
- Steel Blue
- White

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Overall Dimensions & Terminology



Length	26' 7"
Beam	9' 2"
Max Horsepower	425HP
Fuel Tank Capacity	116 gal.
Approx. Usable Fuel Capacity	105 gal.
Freshwater Tank Capacity	25 gal.
Rear Livewells	21 gal.
Rear In-Deck Fish Box	32 gal.
Bow Livewell	8 gal.
Bow Fish Box	36 gal.
Fiberglass LP Livewell	32 gal.
Bow Coffin Box	104 gal.
Draft (up)	15"
Deadrise at Transom	16°
Approx. Dry Weight	4,600lbs.
Yacht Certified	Yes



SPORTSMAN

Features & Performance



Single Yamaha F300XSB



These trusty outboards are turning heads again, with a fresh new look and new, integrated digital electric steering — making them even more responsive.

Digital Controls

Integrated Steering

ENGINE TYPE	V6
DISPLACEMENT	4.2L
HORSEPOWER	300hp @ 5500 rpm
WEIGHT	588 lbs

Top Speed	51.5MPH @ 5900RPM
Best MPG	3.46MPG @ 3500RPM (29.4MPH)
Time To Plane	3.98S
0-30MPH	6.09S

Single Yamaha XF425NSA2



The V8 XTO Offshore® is more powerful and more efficient than anything you've seen offshore. Features include dockside serviceability, digital controls and integrated electric steering system.

Digital Controls

Integrated Steering

ENGINE TYPE	V8
DISPLACEMENT	5.6L
HORSEPOWER	425hp @ 5500 rpm
WEIGHT	952 lbs

Top Speed	60.2MPH @ 5900RPM
Best MPG	2.71MPG @ 3500RPM (31.3MPH)
Time To Plane	4.15S
0-30MPH	7.60S

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Features & Performance

425



PERFORMANCE BULLETIN 2670E

Boat Manufactured By:



SPORTSMAN

113 Isaac Way • Summerville, SC 29483

(843) 375-2628

www.sportsmanboatmfg.com



SPORTSMAN 2670E

Length	26' 7"
Beam	9' 2"
Dry Weight (Boat Mt. Pkg)	4,800 lbs
Maximam HP	425 hp
Fuel Capacity	116 gal
Weight as Tested	6,082 lbs

XF425XSA2

Horsepower	425 hp
Induction	Direct Injection
Displacement	5.6L
Weight (Estimated)	952 lbs
Gear Ratio	1.79

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#4
Jack Plate	1-3/4" Above Boat Bottom

PROPELLER(S)

Series	XTO OS
Diameter x Pitch	16.38 x 21
Yamaha Part #	6OR-45976-00-00
Propeller Material	Polished Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	84° F / 70° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 50 gallons of fuel, two batteries, two people, two optional Power Poles, 6" jack plate, safety and

Engine: Yamaha XF425XSA2

Boat: Sportsman 2670E

Configuration: Single

Test Date: 15-May-2019



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.5	2.0	2.75
1500	7.8	2.9	2.67
2000	9.3	4.6	2.03
2500	12.3	7.3	1.69
3000	23.3	8.7	2.69
3500	31.3	11.8	2.71
4000	37.5	15.0	2.50
4500	43.5	20.1	2.16
5000	48.8	25.8	1.95
5500	55.0	32.5	1.80
5900	60.2	36.3	1.63

Time to Plane: 4.15 seconds
9.30 MPH: 7.60 seconds

NOTICE TO CONSUMER

The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative or actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and wave conditions, temperature, humidity, elevation, bottom paint, load options affecting air/water drag, and/or boat weight, and operator ability. Please confirm the specifications and performance data for your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerTech® components. Yamaha reserves the right to change the specifications and performance data of the Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.

SPORTSMAN



NMMA Certification

Sportsman Boats is certified by the National Marine Manufacturers Association (NMMA). NMMA certification not only meets the standards of the United States Coast Guard (USCG), but goes further to meet the standards set by the ABYC (American Boat and Yacht Counsel). All Sportsman models have been designed, constructed, and thoroughly tested to meet or exceed these standards. For more information about these standards, you may visit <http://www.nmma.org/certification/boats>.

Hull Identification Number & Registration

Sportsman has a permanent record of your boat. This record is documented during the manufacturing process. It is identified by its "Hull Identification Number" (HIN). **The HIN is a 12-digit code located on the starboard side of the transom, just under the Rub Rail.** When contacting your dealer concerning maintenance or warranties, please have your HIN and model number available. This information can be found on your copy of the warranty card. Federal and State laws require a power boat to be registered in the state where it is primarily used. Registration numbers and validation stickers must be displayed according to regulations. The registration certificate must be on board when boating. The boat serial number, or Hull Identification Number (HIN), is required on the registration form. The HIN should be included on all documents or any correspondence.



LIGHTING

Your Sportsman boat is equipped with navigation lights which comply with both Inland and International rules.

FIRE EXTINGUISHER

At least one Type-1 hand held portable fire extinguisher must be carried on board. For boats over 20' two are required. Check extinguisher regularly for charge status.

REQUIRED SAFETY EQUIPMENT

The US Coast Guard (USCG) requires that every boat have specific equipment on board. Check with local regulations on mandatory equipment apart from the list of Coast Guard requirements.

SOUND SIGNALING DEVICES

Your Sportsman boat is equipped with an electric horn which meets the USCG requirements for a sound signal device.

PERSONAL FLOTATION DEVICE (PFD)

You must have a USCG approved personal flotation device of Type I, II, or III aboard for each passenger, in addition to one Type IV throw able PFD. **Always wear a PFD when boating.** In some states, children are required to wear a PFD at all times. Check your local regulations.

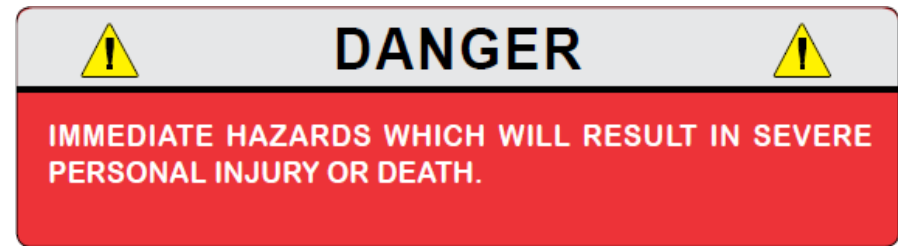
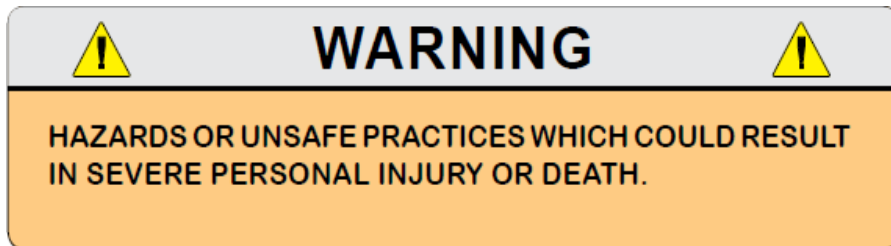
VISUAL DISTRESS SIGNALS

USCG approved visual distress signals are required for day and night use when operating on US waters. Approved signals include flares, orange smoke, an orange distress flag, or an electric distress light.

Boating Safety



Being on the water is a great experience, but it can become a bad experience very quickly if safety and maintenance instructions of your boat are not followed. Therefore, warnings and notices have been included in order to help you operate and maintain your boat safely. They are defined as follows:

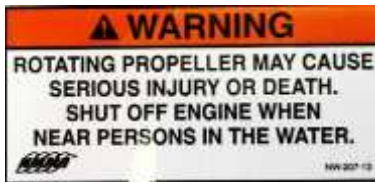


Please become familiar with the location and content of the Caution, Warning, and Danger Labels found on your boat.

Boating Safety



Your Owner's Manual was written to include safety instructions to ensure safe operations. Safety alert symbols are used to show potential personal injury hazards.



Every precaution has been taken to reduce the risks associated with death, possible injury and damage from fire or explosion. You must also take your own necessary precautions and practice proper maintenance procedures in order to enjoy the optimal safe operation of your boat.

If your label is damaged. Please call Sportsman's parts department for replacement stickers.

Your boat produces carbon monoxide and uses flammable fuel. Carbon monoxide can cause brain damage or death. Carbon monoxide is colorless, odorless and extremely dangerous.

⚠ DANGER

An illustration showing a person sitting on a boat. A cloud of small circles representing carbon monoxide gas is shown around the person's head and the boat's engine area.

Carbon monoxide (CO) can cause brain damage or death.

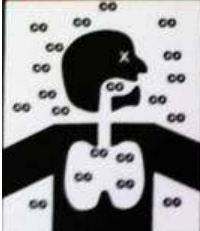
Engine and generator exhaust contains odorless and colorless carbon monoxide gas.

Carbon monoxide will be around the back of the boat when engines or generators are running.

Move to fresh air, if you feel nausea, headache, dizziness, or drowsiness.

NW-206-13

⚠ WARNING

An illustration of a person's head and torso. Small circles representing carbon monoxide gas are shown entering the mouth and filling the lungs.

Carbon monoxide (CO) can cause brain damage or death.

Engine and generator exhaust contains odorless and colorless carbon monoxide gas.

Signs of carbon monoxide poisoning include nausea, headache, dizziness, drowsiness and lack of consciousness.

Get fresh air if anyone shows signs of carbon monoxide poisoning.

See Owner's Manual for information regarding carbon monoxide poisoning.

Boating Safety Label Locations



⚠ WARNING
 ROTATING PROPELLER MAY CAUSE
 SERIOUS INJURY OR DEATH.
 DO NOT APPROACH OR USE
 LADDER WHEN ENGINE IS RUNNING.


NMMA CERTIFIED
YACHT CERTIFICATION
 DESIGN COMPLIANCE WITH NMMA REQUIREMENTS IN EFFECT
 ON THE DATE OF CERTIFICATION IS VERIFIED.
 MANUFACTURER RESPONSIBLE FOR QUALITY CONTROL.
 NATIONAL MARINE MANUFACTURERS ASSOCIATION
 THIS BOAT COMPLIES WITH U.S. COAST GUARD SAFETY
 STANDARDS IN EFFECT ON THE DATE OF CERTIFICATION
 MEETS U.S. EVAP STANDARDS
 USING CERTIFIED COMPONENTS
 MANUFACTURER NAME, CITY, ST

**MEETS U.S. EPA EVAP
 STANDARDS USING
 CERTIFIED COMPONENTS**

Sportsman Boats Mfg. Summerville, SC

⚠ DANGER

 Carbon monoxide (CO) can cause brain damage
 or death.
 Engine and generator exhaust contains odorless
 and colorless carbon monoxide gas.
 Carbon monoxide will be around the back of the
 boat when engines or generators are running.
 Move to fresh air, if you feel nausea, headache,
 dizziness, or drowsiness.

⚠ WARNING

 Carbon monoxide (CO) can cause brain damage or death.
 Engine and generator exhaust contains odorless and colorless carbon monoxide gas.
 Signs of carbon monoxide poisoning include nausea, headache, dizziness, drowsiness
 and lack of consciousness.
 Get fresh air if anyone shows signs of carbon monoxide poisoning.
 See Owner's Manual for information regarding carbon monoxide poisoning.

⚠ WARNING
 CONTENTS CAN BE UNDER PRESSURE
 AVOID SERIOUS INJURY OR DEATH FROM
 FIRE OR EXPLOSION
 OPEN SLOWLY IN WELL VENTILATED AREA
 NO SMOKING OR OPEN FLAMES

⚠ WARNING
 AVOID SERIOUS INJURY OR DEATH
 FROM FIRE OR EXPLOSION
 RESULTING FROM LEAKING FUEL.
 INSPECT SYSTEM FOR LEAKS AT
 LEAST ONCE A YEAR.

⚠ WARNING
 ROTATING PROPELLER MAY CAUSE
 SERIOUS INJURY OR DEATH.
 SHUT OFF ENGINE WHEN
 NEAR PERSONS IN THE WATER.



SPORTSMAN

Electrical & Plumbing Systems



SportLink® Electronics Integration System

Take control of your electronics with SportLink® Electronics Integration System, equipped standard on every Sportsman Boat. The Garmin powered electronics packages have been carefully designed around each model to meet and exceed your needs out on the water.

GARMIN GPSMAP® 1243XSV MFD 12"

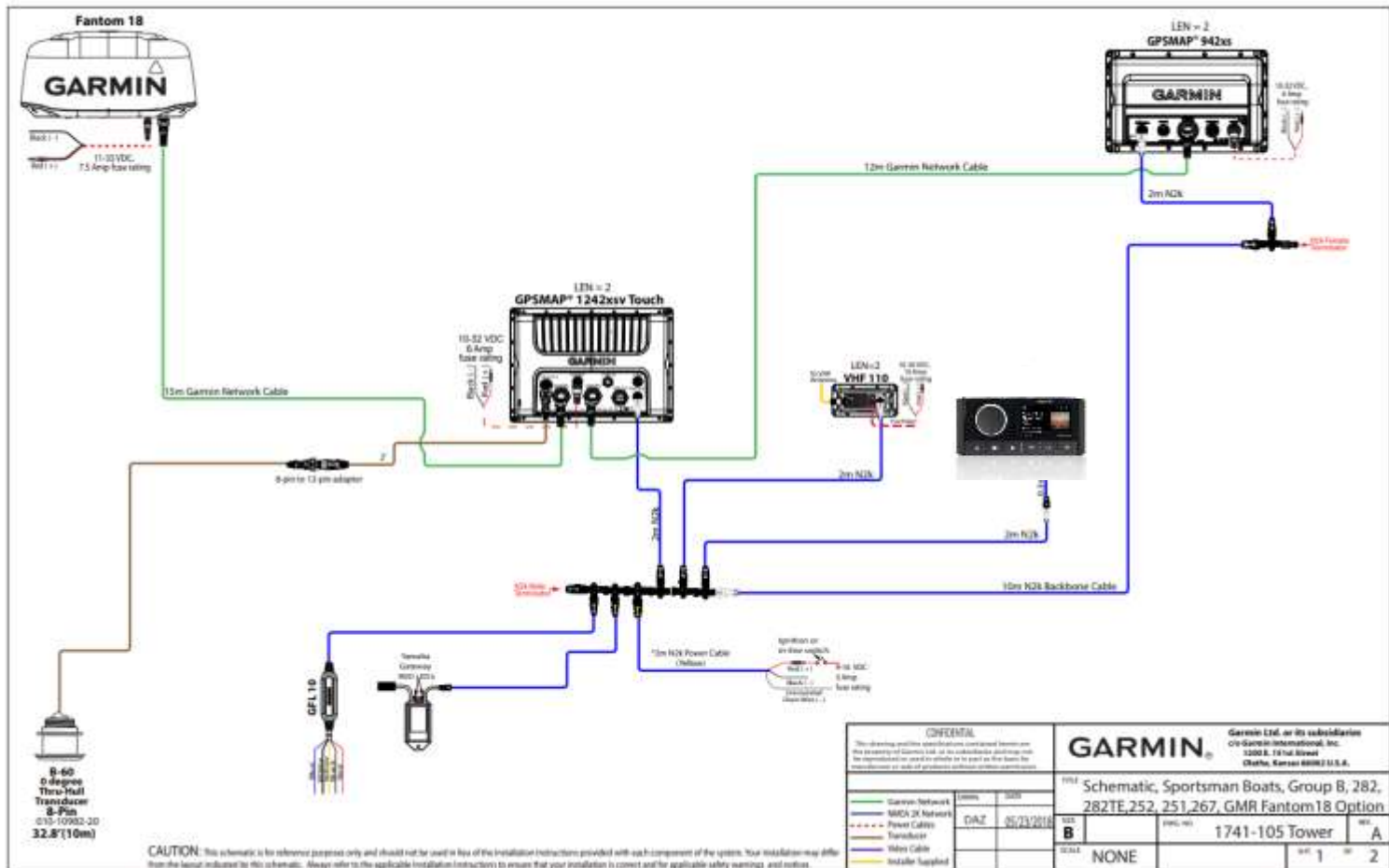
With its ultra-sleek design, vivid sonar color palette and high-resolution 12" in-plane switching display, this large format chartplotter/sonar combo offers improved sunlight readability and wide-angle visibility. Experience unparalleled coverage and detail with preloaded BlueChart® g3 coastal charts and LakeVü g3 inland maps featuring integrated Garmin and Navionics® content and Auto Guidance3 technology. It can also supports FLIR cameras, GXM™ 53 marine weather receiver, VIRB® camera streaming and more. Network sharing allows you to share data among all compatible units connected to the network. Plus, it has built-in Wi-Fi® to support the ActiveCaptain™ app.



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Electrical & Plumbing Systems

Garmin 12" Package



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This drawing and the specifications contained herein are the property of Garmin Ltd. or its subsidiaries and may not be reproduced, used or copied in any form for the manufacture or sale of products without written permission.		PART Schematic, Sportsman Boats, Group B, 282, 282TE, 252, 251, 267, GMR Phantom 18 Option	
DAZ	05/23/2018	REV. NO.	1741-105 Tower
REV. B		REV. A	
SCALE	NONE	SHEET	1 OF 2

SPORTSMAN

Electrical & Plumbing Systems

Digital Switching

SeaStar Maximus DCM Digital Switching System

Redefining Convenience & Innovation

The SeaStar Maximus DCM Digital Switching System eliminates the need to have physical switches on the dash. This not only cleans up the dash of switches but it add longevity to the electrical system of your boat. This is the way of the future and here at Sportsman Boats, we are leading the pack in innovation.

The system communicates through NMEA2000 to your Garmin MFD to add a screen that shows all of your 12v switches, doing away with the need to have physical toggle switches on the dash. You are able to customize the look and feel of the switches as well as create presets and modes with your favorite combination of lights. This type of flexibility is just not possible without digital switching.

To wrap it all up, it also includes a fob that allows you to operate the 8 most used functions on your boat from up to 100 feet away from your Sportsman Boat. This remote can even turn all power on or off on the vessel, redefining convenience and innovation.



Sportsman Custom Key Fob 8-Button Multi-Function Sportsman Remote



Hard-Top Lights

Operates the blue lights overhead on the Hard-Top.

Spreader Lights

Operates the bright white LED lights located at the front and back of the top.

Courtesy Lights

Operates the blue ambient lighting located throughout the cockpit.

Underwater Lights

Operates the blue underwater lights.

Freshwater Pump

Operates the freshwater pump.

Raw Water Pump

Operates the raw water pump.

Power Button

Operates all of the power to the boat. This button is very similar to the main battery switch, it will interrupt all power to the boat.

Navigation Lights

Operates the red and green navigation lights built into the rubrail at the bow.

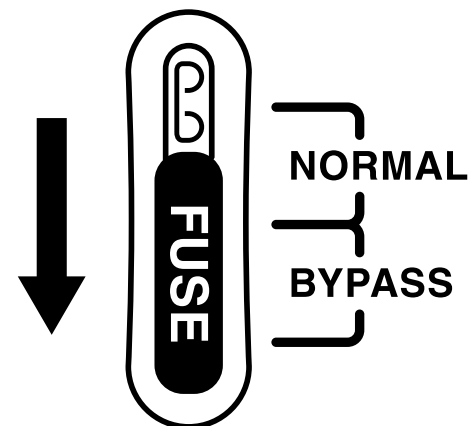
Electrical & Plumbing Systems



Maximus DCM

The Brain Powering The Digital Switching

At the heart of the system is the Maximus DCM. The module is mounted inside the console behind your electronics and provides a single source of power and fuses for all 12v accessories on the boat. One of the key features of the unit is the ease of being able to bypass the system and physically turn on any of the ports. The unit ships with all of the fuses in the normal position. Any of the fuses can be moved to the bypass position (as shown in the diagram) to override the system.



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Yamaha Digital Electric Steering

INCLUDED AS A STANDARD FEATURE ON THIS MODEL

Yamaha's DES (Digital Electric Steering) is the electronically controlled steering system with two different forms; Bolt-on and Built-in. Unlike aftermarket steering system, it is digitally connected from the helm to the engine, requiring no external pumps or steering fluid. It offers stable and assured steering and also steering setting can be changed depending on various boating situation. This system is commonly known as "Level 2" under Yamaha's Helm Master EX System.



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Electrical & Plumbing Systems

Lights ●

The *NAV/ANC Switch* is a 3-position switch on the console that controls the running lights.

- **NAV** position will turn on the red and green navigation lights and the white all-round light for night driving.
- **ANC** turns on the all-round light only for night anchoring. Do not operate the boat in anchor position.
- Off is in the center position.

Sidelights: The Master 267 has integrated rub rail navigational lights installed at the bow (see figure to the right). A green light is located on the starboard (right) side and a red light on the port (left) side of the vessel. Each shows an unbroken light over an arc of the horizon of 112.5 degrees and is fixed to show from ahead to just behind the beams of the vessel on its respective side.

All-round/Anchor Light: This is a white light placed over the highest unobstructed point of the vessel, showing an unbroken light over an arc of the horizon of 360°. See the figure to the right for location.

Recreational boats are required to display navigation lights between sunset and sunrise and other periods of reduced visibility (fog, rain, haze, etc.) Navigation lights are intended to keep other vessels informed of your presence and course. Your boat is equipped with the navigation lights required by the U.S. Coast Guard at the time of manufacture. It is up to you to make sure they are visible, operational and turned on.

Bow Sidelights

The anchor light on the Masters 267oe is located on the aft end of the T-Top. The location of the light is shown here without a visible T-Top.

Anchor Light



Electrical & Plumbing Systems

Stereo



Your boat is equipped a Fusion RA670 source unit and 10 standard JL Audio M6 white grille speakers. 6 are in the T-Top, 4 more speakers located around the cockpit. A remote controller in the bow area. Also comes with JL AUDIO MVI AMPS.



Speakers

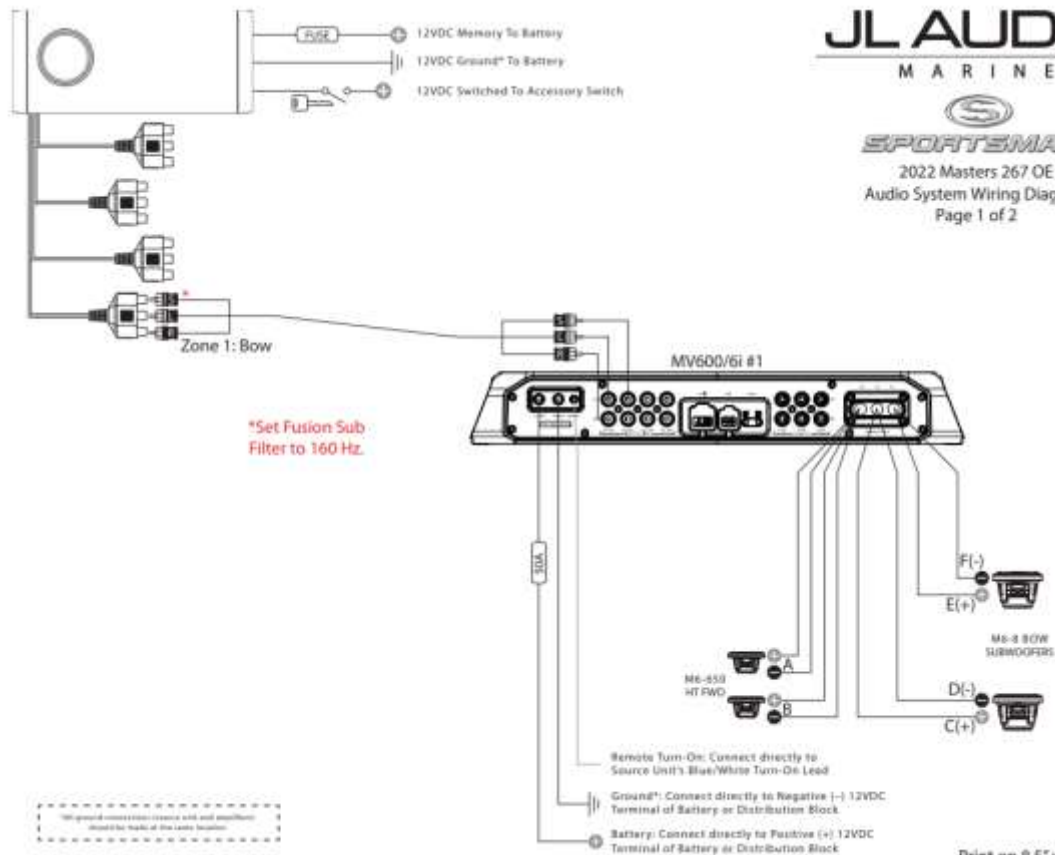
Your boat has a Fiberglass T-Top, is standard with 4 JL Audio speakers. These four speakers will be located on the T-Top underside fore and aft.



SPORTSMAN

Electrical & Plumbing Systems

Stereo Diagram

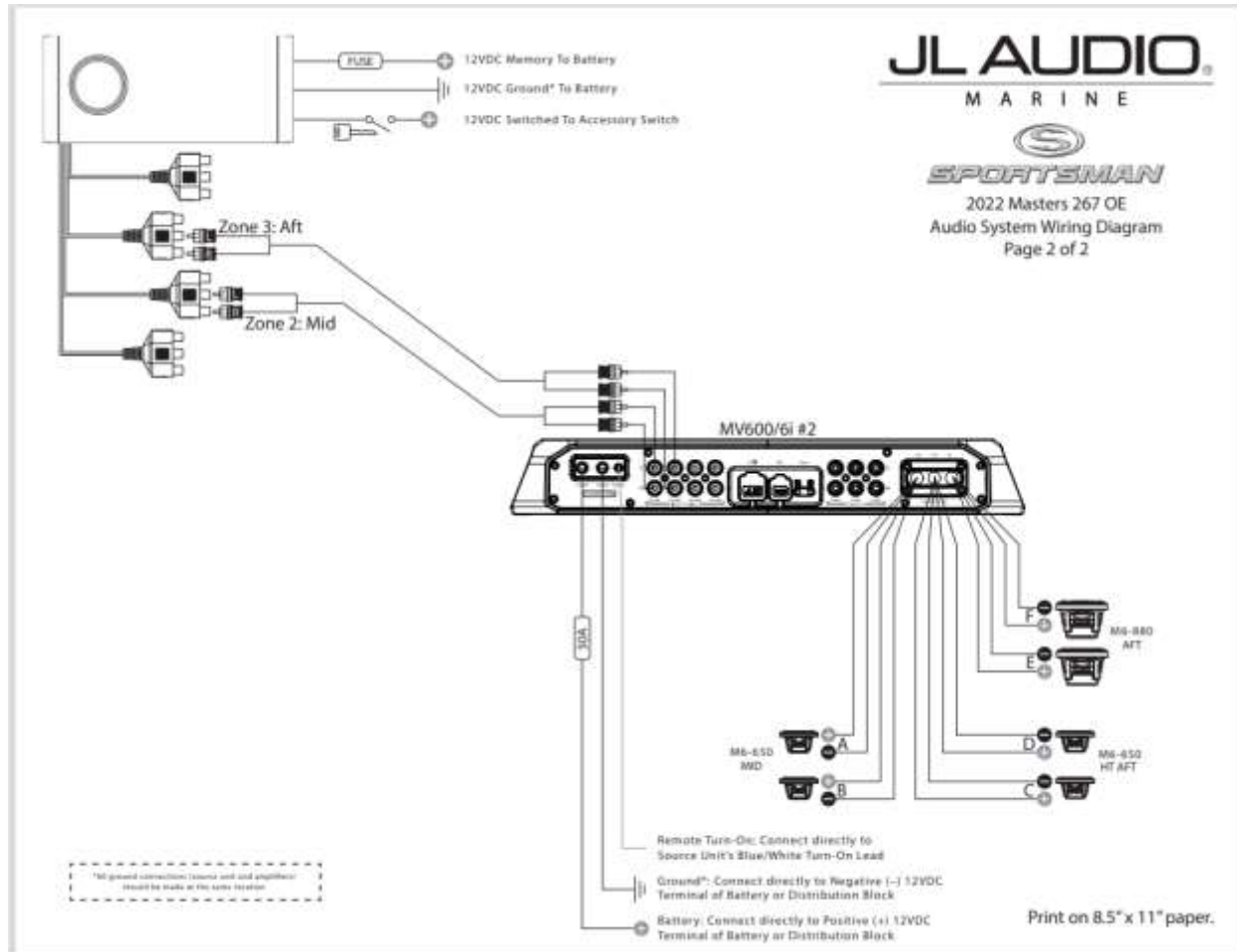


*All ground connections require solid and positive.
Must be made at the same location.

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Electrical & Plumbing Systems

Stereo Diagram



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Electrical & Plumbing Systems

Stereo 6 Channel DSP Amps



The NexD2™ full-range technology in this amplifier is DSP-controlled and features a reduced loop area design utilizing DirectFET™ outputs for outstanding fidelity, very low noise and exceptional efficiency. The amplifier chassis is ultra-compact, with all connections on one side, to greatly simplify installation into tight spaces.

Instead of traditional control knobs and switches, all amplifier adjustments and DSP functionality are configured via a compatible external device (PC, Tablet or Smartphone), with the appropriate JL Audio TüN™ Software application installed.

SPORTSMAN

Electrical & Plumbing Systems



Trim Tabs

Your Masters 267 OE has trim tabs installed as a standard feature. They are attached to the bottom edge of the transom, as shown in the image below. When the trim tabs control at the helm (pictured to the right) is pressed, the trim tabs automatically move into position. The force of passing water on these tabs results in upward pressure at the transom, which will lower the bow. This helps to improve the performance of the boat in a wide range of weight, weather, and water conditions. The LEDs on the control panel indicate the position of the tabs. If all are lit up, that tab is all the way down. The port and starboard tabs may be operated independently if necessary. To lower the starboard bow, lower the port tab. To lower the port bow, lower the starboard tab.



Control Panel



Trim Tab

SPORTSMAN

Electrical & Plumbing Systems

Trim Tabs



***If you keep your boat in a wet slip/marina environment.
Here is a list of different anodes recommended for various water
types to prolong the life and shine of your stainless steel tab. Never
use a wire brush to clean your tab***

Zinc Alloy Anodes = Salt water only

Not recommended for use in fresh water
Alloy is manufactured to meet or exceed US Military
Specification (MIL-A-18001K)

Aluminum Alloy Anodes = Salt or Brackish water

Not recommended for use in fresh water
Proven to last longer than zinc due to increased capacity
Alloy is manufactured to meet or exceed US Military
Specification (MIL-A-24779(SH))

Magnesium Alloy Anodes = Fresh water only

Not recommended for use in salt or brackish water



SPORTSMAN

Electrical & Plumbing Systems

Bilge Pumps

Two small bilge pumps are located on the hull bottom at the stern of your boat. Water is pumped out of thru-hull fittings located on the port and starboard sides of the boat near the transom. The pumps may be accessed by removing the aft seat and door, in the area shown to the right. You may turn your bilge pumps on manually by flipping on a bilge switch located on the switch panel at the helm. Additionally, the bilge pump utilizes a float as an automated switch to turn it on automatically if necessary when the boat is unattended. The bilge pumps are designed to remove excess water **only**, and they are **not** intended to stop or prevent rapid accumulation of on-board water due to rough weather, hull damage, or any other unsafe navigational conditions.



The rear seat easily opens to allow easy access to the bilge area at the stern.



Bilge Pumps

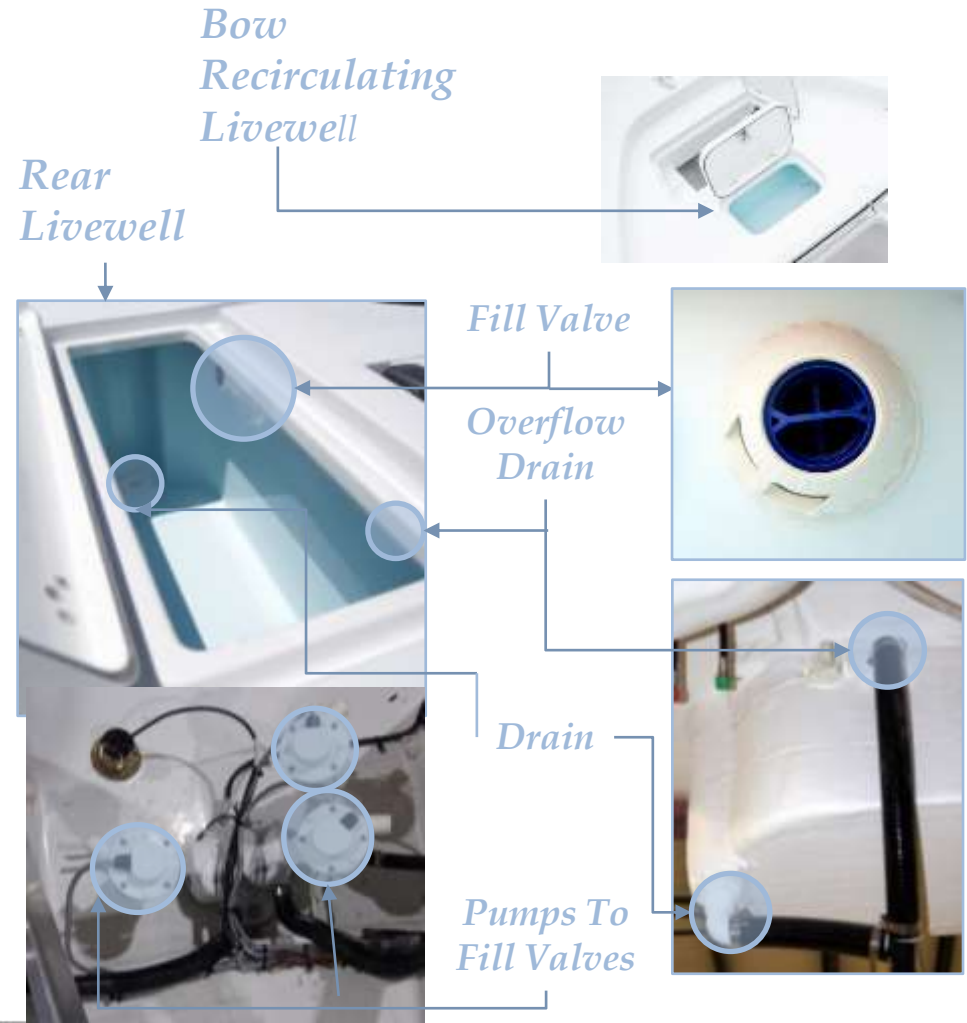
Drain Outlets



Electrical & Plumbing Systems

Livewells

The Sportsman 267 OE comes with two 21 gallon livewells one 35 gallon recirculating livewell at the stern of the boat and one 14 gallon recirculating livewell in the bow of your boat. For easy access to the pumps and plumbing systems, open the total access hatch forward of the transom. The livewell pumps are located on either side of the bilge pump in the hull of the boat, and the livewell fill hoses are connected to the top of the pumps. To operate the livewells, turn on the livewell switch at the helm and turn the fill valve in the livewell to "open." To operate the starboard aft livewell and the console livewell, use the switch labeled "Livewell 1." To operate the port aft livewell, use the switch labeled "Livewell 2." All livewells are equipped with overflow drains so water cannot exceed a certain level and overflow. These overflow drains are connected to the main drain lines at 'T' joints, which empty out an outlet drain at the stern of the boat. Additionally, each livewell has LED lighting installed. To illuminate the livewells, turn on the switch at the helm.



SPORTSMAN

Electrical & Plumbing Systems

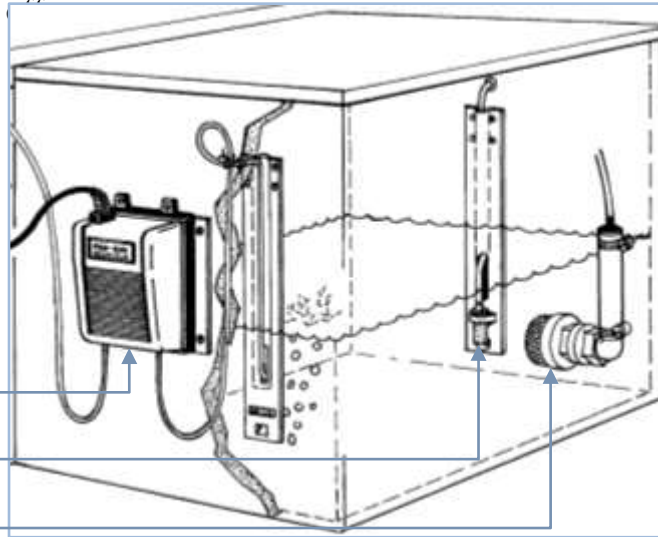
Recirculating Aerated Livewell



Your Sportsman Masters 267 OE has a recirculating livewell as a standard feature. The starboard aft livewell is equipped with an aeration and recirculation system. The two black strips on the inside walls of the livewell are part of the aeration system. The air pump (mounted on the side of the livewell) pushes air through the air stone at the base of each strip, which produces air bubbles to oxygenate the water. This feature is best for keeping bait alive overnight or for use when the boat is not in use, because it draws very little power. The recirculation system features an intake (with a strainer cover, shown in the figure) and an outlet water jet. The jet is mounted in the corner of the livewell in order to allow for optimal water recirculation when in use. The recirculation pump is a white tsunami water pump mounted on the side of the livewell. This system is operated with a 3-way switch at the helm of the boat. The system is

Note: The set-up in this figure is not exactly like the set-up in your boat. This is just a simple representation of the major features for this system. The exact mounting locations will be different in your boat than the locations shown here.

Air Pump
Air Stone
Recirculation Intake



with the switch in the middle position. With the switch up, the aeration system alone will run, which draws very little power. With the switch down, recirculation systems will run. The figure here displays most of the important features of the recirculating livewell system.

Electrical & Plumbing Systems

Raw Water Wash-down



Your Open 267 has the raw water wash-down installed as a standard feature. Rinsing your boat immediately after use with a powerful water jet helps to maintain the boat's condition and value. This system supplies water via a hose connected to bottom of the same pump that supplies water to your livewells with a shut off valve in the bilge area at the total access hatch. To operate the wash-down system, start by opening the valve mentioned above. Then turn on the switch labeled "RAW WATER" on the dash at the helm. The wash-down outlet is found on the starboard side of the boat under the gunwale. See the figures here for important feature locations for the raw water wash-down system.



Supply
Hose

Shut Off
Valve



Outlet

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Electrical & Plumbing Systems

Fresh Water Wash-down



Your Open 267 has the freshwater wash-down installed as a standard feature. The freshwater fill fitting is located under the bow step lid. **Do not leave the tank full if your boat will be left unattended for an extended period of time;** pump the tank dry to avoid stagnant water in the tank if necessary. It is also important to periodically inspect and clean the filter, which is located on the pump. To operate this system, turn on the switch labeled "FRESH WATER" at the dash. This will pressurize the system for use. When the tank is empty or the boat is not in use, ensure that this switch is in the off position.

Fill



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Electrical & Plumbing Systems



OPTION: Porcelain Head with Pump Out:

OPERATING INSTRUCTIONS: To properly use the SeaLand toilet, follow these simple instructions: A good biodegradable tissue such as SeaLand® brand is recommended

2: To add water to the toilet before using, lift or raise the flush pedal.

3: To flush toilet, push pedal all the way down until sewage leaves the toilet bowl. Water flow pressures vary at different locations and therefore, holding the flush lever down 4-8 seconds may be required. We recommend 2-4 GPM (8-5 lpm) for proper rim and bowl wash.

4. Release flush pedal by allowing it to snap back, which permits positive sealing around the flush ball.

5: A small amount of water should remain in the bowl. Note: Holding the flush pedal down longer than necessary results in excessive water usage. caution: Do not dispose of sanitary napkins or other non-dissolving items in the toilet.



SPORTSMAN

Electrical & Plumbing Systems



OPTION: Half Tower w/ Second Station



This option gives you an elevated platform designed to give the captain a better view, enabling visibility at a much greater distance. With a touch of the Station Selector button. You will steer the boat, use the throttle shifter, control the trim tabs, raise or lower the Jack Plate and have use of a 9" Garmin.

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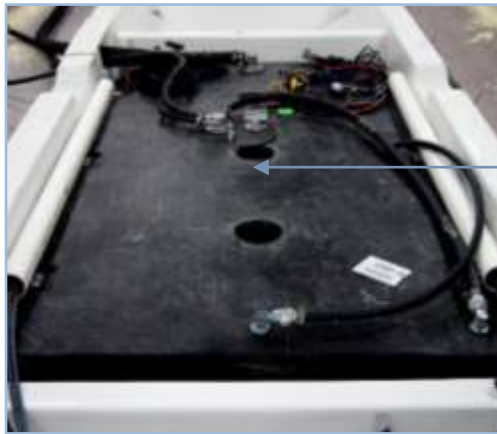
Fuel System

Fuel Tank



The Sportsman Open 267 OE comes with a fuel tank installed (approximate usable 116gallon capacity). The gasoline fuel system consists of a fuel tank (located underneath the helm seat as shown in the figure), anti-siphon valve, engine fuel supply line, and fill cap. Your boat contains a new EPA certified fuel system. The system prevents spit-back when filling the tanks and lowers the out gassing emissions through a vent in the new designed fuel fill cap.

Note: This photo was taken during the assembly process. At this stage, some of the hoses had not yet been connected. In your boat all lines and hoses will be connected as necessary.



SPORTSMAN

Fuel System

Diurnal Fuel System



EPA DIURNAL FUEL SYSTEMS

NOTE: Pressure may be present when opening your deck fill, regardless of system type.



Only open the fuel cap for refueling

Note: The first time fuel is introduced to a fuel tank, be aware of the interaction of cold raw fuel vapors replacing air, on occasion a vapor pressure can occur producing spit-back anomalies!

What is a diurnal fuel system?

Your new vessel is equipped with an Environmental Protection Agency (EPA) compliant diurnal fuel system, designed to reduce fuel emissions to atmosphere using criteria mandated by the EPA. Your vessels fuel tank is required and designed to have a positive pressure (>1PSI) as the sun heats the boat and the fuel in the tank expands or it may be equipped with a carbon canister to catch and contain fuel vapors

Your boats fuel tank also has valves installed inside that are designed to:

1. Produce a clean refueling shut off event
2. Create a 5% vapor space
3. Reduce the propensity of a refueling spit-back event.
4. Allow for appropriate venting when the vessel is stored or trailered. Your fuel cap also contains valves designed to retain fuel vapor (up to 1PSIG) and to allow make up air during engine operation

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Fuel System

Diurnal Fuel System (cont'd)

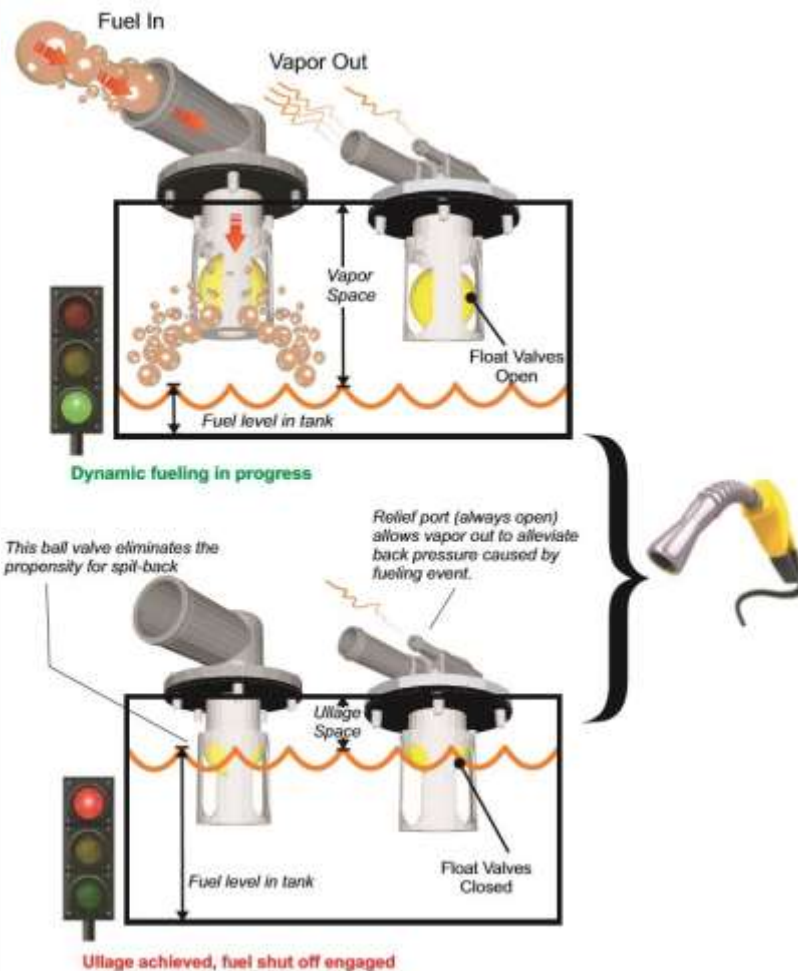


Vapor Space (Ullage) And Refueling Management

Another fuel system necessity to remain EPA compliant it is to keep elevated temperature gasoline from expanding into fuel system areas that are not low permeation rated or otherwise sensitive to raw fuel. A vapor (or ullage) space must be produced at the completion of the filling or refueling operation to ensure systems remain EPA compliant during the diurnal temperature cycle. To effectively manage this system function, BluSkies has created a series of valves that can mount to any marine fuel tank to achieve the appropriate fill level while maintaining ullage space of ~5%. Additionally these valves eliminate the propensity for refueling "spit-back" or tank "well-back", which is another requirement of the EPA regulation. BluSkies primary ullage valves replace the existing fill and vent locations, while additional grade or tip level valves can be added to any tank to meet American Boat And Yacht Council standards (H-24) which allows vapor venting for boats slanting or sloping when stored, moored, parked or trailered.

The final decision on which system type and ullage valve type and placement that is best for your application should be based on application specific factors such as type and configuration of fuel tank, how much room there on board is for added components, how are the boats likely to be used and stored etc. and of course cost.

Choose individual components to create a compliant system from the following pages or you can turn to our specialists for sound guidance and direction as you go through the process to choosing the appropriate system for your particular vessel application.



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Fuel System

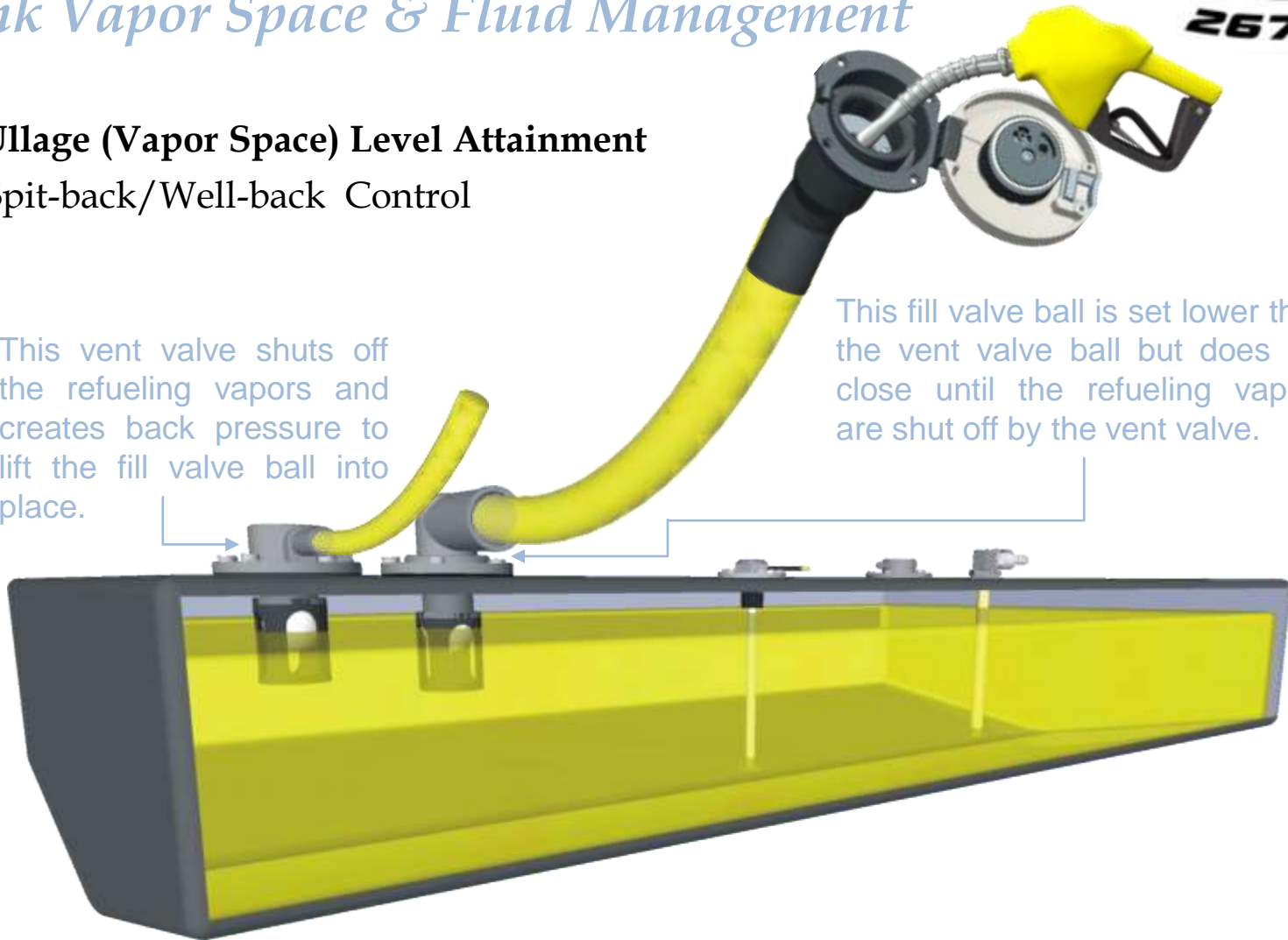
Tank Vapor Space & Fluid Management



Ullage (Vapor Space) Level Attainment Spit-back/Well-back Control

This vent valve shuts off the refueling vapors and creates back pressure to lift the fill valve ball into place.

This fill valve ball is set lower than the vent valve ball but does not close until the refueling vapors are shut off by the vent valve.



SPORTSMAN

Fuel System

Diurnal Fuel System: Refueling



Your fuel tank capacity will vary from the label or published capacity no less than 5% by law and up to 10% dependent upon the variation from static float due to equipment, occupants and gear etc. (Static Float = attitude in which your boat floats in calm water)

Fill your vessel fuel tank as normal, stop refueling after two (shut off) clicks of the fuel nozzle.

Topping off will over ride your fuel system design intent and could cause damage to your vessel due to overflow and will void any and all warranty claims related to fuel spillage.

BluSkies is expressly not responsible for any damage to your vessel subsequent to topping off.

WARNING

CONTENTS CAN BE UNDER PRESSURE
AVOID SERIOUS INJURY OR DEATH FROM
FIRE OR EXPLOSION
OPEN SLOWLY IN WELL VENTILATED AREA
NO SMOKING OR OPEN FLAMES

It has been a common practice for many years to top off boats prior to storage or in preparation for a day on the water, however diurnal fuel systems are designed specifically to leave a space in your fuel tank to allow the fuel to expand during the heat of the day. GASOLINE EXPANDS 5%.

REFUELING

GASOLINE CONTENTS UNDER PRESSURE. FUEL SPRAY MAY OCCUR.

1. OPEN CAP SLOWLY
2. INSERT FUEL NOZZLE
3. BEGIN & CONTINUE FUELING UNTIL FUEL NOZZLE KICKS OFF
4. WAIT 10 SECONDS & CONTINUE FUELING UNTIL NOZZLE KICKS OFF A SECOND TIME
5. RETURN NOZZLE TO PUMP
6. DO NOT TOP OFF

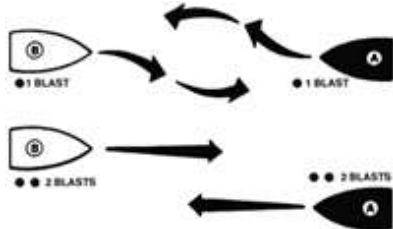
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Boating Navigation Rules



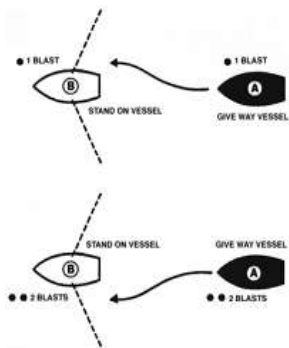
There are three main situations that you may encounter with other vessels which could lead to a collision unless the Steering Rules are followed:

- Meeting**: you are approaching another vessel head-on
- Crossing**: you are travelling across the path of another vessel
- Overtaking**: you are passing or being passed by another vessel

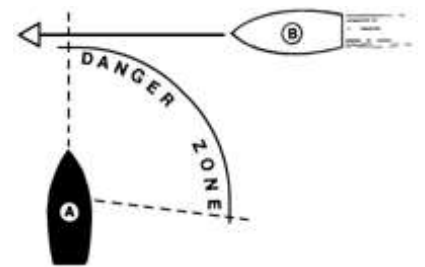


When Meeting Port-to-port: Continue on course. The same holds true for meeting starboard-to-starboard.

When Meeting Head On: As in a car, both stay to your right and as far apart as practical. Each boat should turn to starboard and pass port-to-port.



When Crossing: Every boat has a "Danger Zone" from straight in front (the bow) to past the middle of its right side. Like when meeting another car at a street intersection, the one on the right has the right of way. You must yield to boats in your Danger Zone. If you are the skipper of the Vessel A in the center of the diagram, you must keep out of the way of any boat that approaches you from any direction within the indicated Danger Zone, as you are the burdened craft. Likewise, boats approaching you from all other directions, except the meeting vessel, must keep clear of you.



When Overtaking Another Boat: The boat being overtaken is the privileged vessel. Only after signaling and receiving an acknowledgment can the overtaking boat pass. (Use one blast to pass on the right, and two blasts to pass on the left.)

When Being Overtaken: Be ready for trouble when a power boat passes you in a narrow waterway. As the lead boat, which always has the right of way, stay on your side of the channel and maintain a steady speed so that the overtaking vessel can pass you safely. Use your radio to discuss this with the passing boat.

Warranty and Services



Product Changes

Sportsman is committed the development of our product line. As a result, equipment described in this manual may have changed or no longer may be available. All information, illustrations and specifications contained in this manual reflect the latest product information available at the time of publication. Sportsman reserves the right to make changes to its boats at any time, without notice. These changes include, but are not limited to: color options, materials, standard and optional equipment, specifications and model availability. If you have any questions about the equipment on your boat, please feel free to contact Sportsman.

Insurance

In most states, the boat owner is legally responsible for damages or injuries they or anyone else operating the boat causes. Some states have laws that require having at least minimum coverage. Before using your boat for the first time, you should contact your dealer, current insurance company, or state boating authority for information regarding insurance requirements in your area. Although it may not be required in your area, responsible boat owners carry liability and property damage for their boat. You should also protect the boat against physical damage and theft.

Service

All warranty work must be performed by an authorized Sportsman Dealer. If a problem is discovered upon taking delivery of, or develops during routine use of the boat that is related to faulty workmanship and/or materials, as stated in the warranty, you need to contact your Sportsman dealer to arrange for your boat to be repaired. **The boat owner is responsible for delivering the boat to the dealer for warranty service.** If you are not near your dealer or any other authorized Sportsman dealer, please contact Sportsman. Likewise, if the dealer fails to repair the problem, please notify Sportsman within 14 days of the work being completed. **Sportsman will not reimburse owners for unauthorized warranty work.**

Warranty Information



THERE IS NO IMPLIED WARRANTY FOR THIS PRODUCT. EXCEPT AS PROVIDED SPECIFICALLY HEREIN, THIS LIMITED WARRANTY IS IN LIEU OF, AND SPORTSMAN BOATS MANUFACTURING, INC. EXPRESSLY DISCLAIMS, ANY AND ALL OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES UNDER THE UNIFORM COMMERCIAL CODE, ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND ANY IMPLIED WARRANTY FOR FITNESS FOR A PARTICULAR PURPOSE. SPORTSMAN BOATS MANUFACTURING, INC. MAKES NO OTHER EXPRESS WARRANTIES EXCEPT AS SET FORTH IN THIS LIMITED WARRANTY.

THIS LIMITED WARRANTY ALSO LIMITS AND ALTERS YOUR REMEDIES. THIS LIMITED WARRANTY SHALL BE THE SOLE AND EXCLUSIVE REMEDY OF ANY PERSON OR ENTITY FOR ANY CLAIM, WHETHER THAT CLAIM SOUNDS IN CONTRACT, TORT, OR IN ANY OTHER BASIS FOR RECOVERY. SPORTSMAN BOATS MANUFACTURING, INC. SHALL NOT BE LIABLE TO ANY PERSON OR ENTITY FOR ANY CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES, LOST PROFITS, INCONVENIENCE, OR ANY OTHER LOSS OR DAMAGE, EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY.

SPORTSMAN BOATS LIMITED WARRANTY

Sportsman Boats Manufacturing, Inc. ("Sportsman") is pleased to provide to all owners of a Sportsman Boat (each a "Sportsman Boat") this Limited Warranty if the Sportsman Boat was purchased directly from any of the Sportsman authorized dealers and was operated under normal conditions, subject to all of the conditions and limitations provided herein.

Ten-Year Hull Limited Warranty. This Limited Warranty applies to any Structural Hull Defect (as that term is defined below) if such is due to a failure in material or workmanship and the same was reported to Sportsman according to the terms of this Limited Warranty within ten (10) years from the date of the sale to the original purchaser of the Sportsman Boat by a Sportsman authorized dealer. Sportsman, in its sole discretion, will either repair or replace the Hull. For purposes of this Limited Warranty, the term "Hull" shall mean the single fiberglass molded shell and integral structural components of a Sportsman Boat, and the term "Structural Hull Defect" shall mean a substantial defect in the Sportsman Boat's Hull that causes the boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

One-Year Nonstructural Limited Warranty. This Limited Warranty applies to any Nonstructural Defect (as that term is defined below) if such is due to a failure in material or workmanship and the same was reported to Sportsman according to the terms of this Limited Warranty within one (1) year from the date of the sale to the original purchaser of the Sportsman Boat by a Sportsman authorized dealer. Sportsman, in its sole discretion, will either repair or replace the defective component. For purposes of this Limited Warranty, the term "Nonstructural Defect" shall mean a substantial defect in a Sportsman Boat's components manufactured or installed by Sportsman (other than the Hull) that is not excluded in the Exclusions below.

Registration and Transfer of Limited Warranty. Each original purchaser of a Sportsman Boat shall complete and return the boat registration card provided by Sportsman within thirty (30) days of such owner's purchase of the boat in order to facilitate the processing of warranty claims and for manufacturer notification. Except where a Sportsman Boat has been salvaged and resold, or resold after a declaration of a total loss or a constructive total loss, the Ten-Year Hull Limited Warranty is transferable to a single subsequent owner (i.e., the second owner) of the Sportsman Boat, PROVIDED SUCH SUBSEQUENT OWNER COMPLETES AND SUBMITS TO SPORTSMAN WITHIN THIRTY (30) DAYS OF ACQUIRING THE SPORTSMAN BOAT A SPORTSMAN WARRANTY TRANSFER FORM (AVAILABLE FROM SPORTSMAN ON REQUEST) WITH (A) A LEGIBLE COPY OF THE BILL OF SALE, TITLE, OR REGISTRATION TO DEMONSTRATE OWNERSHIP OF THE BOAT AND (B) A CHECK OR MONEY ORDER PAYABLE TO SPORTSMAN FOR THE TRANSFER FEE IN EFFECT AT THE TIME OF THE TRANSFER.

Warranty and Services



SPORTSMAN BOATS LIMITED WARRANTY (cont'd)

EXCLUSIONS:

This limited Warranty does not apply to any boat that has been salvaged or declared a total loss or constructive total loss for any reason not specifically covered in this Limited Warranty. In addition, this Limited Warranty does not apply to the following "Exclusions:"

- 1) A Hull, component, or other product that has been repaired without authorization of Sportsman or that has been altered in any way that affects its use and operation;
- 2) Expenses related to inspection or warranty service for hauling out, transportation to and from any dealer or Sportsman factory, towing or storage changes, inconvenience or loss of time or income;
- 3) Engines, outdrives, controls, propellers, engine brackets, stereos, depth finder, GPS units, trolling motors, batteries, outriggers bases' and other equipment or accessories that are not manufactured by Sportsman, whether the same is or is not warranted by such other manufacturer;
- 4) Blistering, discoloring, cracking, or crazing of the Gelcoat finish or other surface finishes
- 5) Any Sportsman Boat initially sold at retail by a party other than an authorized Sportsman dealer;
- 6) Damage to, breakage of, or leakage around any windshields, hatches, or apertures;
- 7) Any canvas, zippers, vinyl, upholstery, plastic, or fabric components;
- 8) Discoloration, oxidation, bleeding, or corrosion of any stainless steel or other metal products
- 9) Any Hull, component, or product that has been subject to unreasonable use, tampering, abuse, mishandling, improper maintenance, negligence, improper trailing, alterations, or accidents;
- 10) Any boat, or component or part thereof, that has been used for Commercial Purpose, racing purposes, or has otherwise been operated contrary to any printed instruction provided by Sportsman or contrary to any applicable law (for purposes of this Limited Warranty, the term "*Commercial Purposes*" shall mean the usage of any boat more than fifty percent (50%) for revenue-producing or other business purposes);
- 11) A boat, or component or part thereof, that has been overpowered according to the maximum recommended engine horsepower specified on the capacity plate attached to the boat;
- 12) Machinery, equipment and accessories not installed by Sportsman;
- 13) Condensation of gauges;
- 14) The failure of any part, area, or component of the boat to be dry, whether or not the same was represented as "dry";
- 15) Any representation relating to the speed or weight of any part or component of the boat;
- 16) Normal wear and tear maintenance items, including, but not limited to, filters bulbs, batteries, bungees, anchor rope, trailer finishes, tires, brakes, bearing, and lights;
- 17) Any defect or repair requiring redesign of the boat, except pursuant to the recall provisions of the United States Federal Boat Safety Act of 1971 or the recall laws of the recall laws of any other foreign jurisdiction;
- 18) Dealer preparation, cleaning, and final adjustments and alignments in preparing the boat for delivery or commissioning; or
- 19) Any act of God or force majeure.

SPORTSMAN

Thank you for your purchase of your Sportsman Boat.

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