

# 380 Aft Cabin

## Owner's Manual Supplement

This owner's manual supplement has been written to provide additional specific information about your boat and should be read carefully. Insert this supplement in your Sport Yacht Owner's Manual as *Section 12—Supplement*.

The owner's manual packet has been compiled to help you to operate your craft with safety and pleasure. It contains details of the craft, the equipment supplied or fitted, its systems and information on its operation and maintenance. Please read the information in it carefully, and familiarize yourself with the craft before using it.

If this is your first craft, or you are changing to a type of craft you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before "assuming command" of the craft. Your dealer or yacht club will be pleased to advise you of local sea schools, or competent instructors.

PLEASE KEEP THIS OWNER'S MANUAL PACKET IN A SECURE PLACE, AND HAND IT OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT.

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## Warranty Information

Sea Ray's® warranty is better than ever. Find the warranty information card in your owner's manual packet for complete details. If for some reason the card is missing, contact your Sea Ray dealer for a new one.

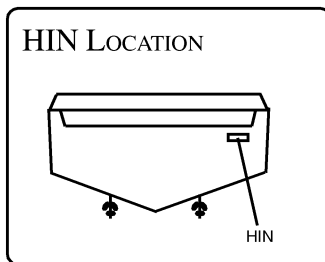
## Construction Standards

Sea Ray's® commitment - Excellence by Design - has enabled us to create a superior craft providing you with comfort, performance, safety and dependability. All our boats comply with the safety standards set by the United States Coast Guard and are designed, engineered and manufactured in accordance with applicable recommendations and guidelines of the American Boat and Yacht Council (ABYC) certified by the National Marine Manufacturers Association (NMMA).

## Hull Identification Number (HIN)

The "Hull Identification Number," located on the starboard side of the transom, is the most important identifying factor and must be included in all correspondence and orders. Failure to include it only creates delays.

Also of vital importance are the engine serial numbers and part numbers when writing about or ordering parts for your engine. Refer to the engine owner's manual for locations.



## Servicing Your Sea Ray®

When your boat needs service beyond regular maintenance it should be taken to an authorized Sea Ray® dealer.

To find a dealer in your area call:

1-800-SRBOATS.  
Fax: 1-314-213-7878

If a problem is not handled to your satisfaction:

1. Discuss any warranty-related problems directly with the service manager of the dealership or your sales person. Give the dealer an opportunity to help the service department resolve the matter for you.
2. If a problem arises that has not been resolved to your satisfaction by your dealer, contact Sea Ray Boats at 1-800-SRBOATS and the appropriate customer service department information will be provided to you.

To find repair and parts facilities for equipment installed on your boat, refer to the original equipment manuals (OEMs) found in the owner's manual packet.

*Sea Ray*

1-800-SRBOATS  
www.searay.com

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Sea Ray Boats, Inc. 2600 Sea Ray Blvd., Knoxville, TN 37914  
For information call 1-800-SRBOATS, 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.

## Life Saving Equipment

(Personal Flotation Device (PFD) )

**STORAGE:** The 380 AC offers lifesaving equipment storage in the cockpit entertainment center and the bridge storage compartments.

**OPERATION:** Wear PFD according to manufacturer recommendations. See pamphlet *Federal Requirements And Safety Tips For Recreational Boats* in the owner's packet or get one from your dealer.

**MAINTENANCE:** Rinse with fresh water and let dry thoroughly. Do not store in a damp compartment. Avoid the possibility of mildew.

## Boat Storage

**WET STORAGE PROCEDURES:** Special care for boats that are moored: If permanently moored in salt water or fresh water, your boat will collect marine growth on its bottom. This will detract from the boat's beauty and greatly affect its performance. There are two methods of preventing this:

- Periodically haul the boat out of the water and scrub the bottom with a bristle brush and a solution of soap and water.
- Paint the hull below the waterline with a good grade of antifouling paint.

**NOTE:** There are EPA regulations regarding bottom paint application. Consult your marine paint dealer for proper application methods.

**SECURITY CONSIDERATIONS:** Be conscious of the security of your boat. Always remove the keys from the ignition, lock hatches, lock the cabin door. Remove and stow any removable electronic gear (fishfinders, LORAN, etc.) and personal gear (fishing poles, etc.) normally left aboard your boat.

## Troubleshooting

List of Reference Manuals and Drawings

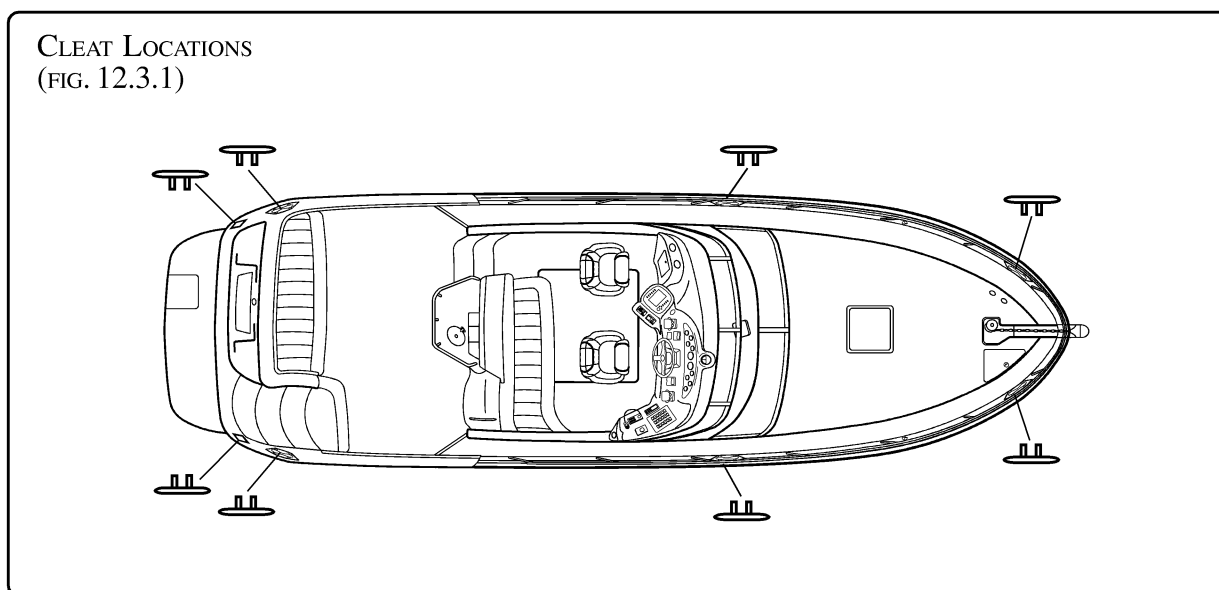
**PERFORMANCE:** Refer to the owner's manual.

**ENGINE:** Refer to the owner's manual and/or the engine manual.

**ELECTRICAL:** Refer to electrical section of the owner's manual and electrical schematics in this owner's manual supplement. Only a qualified marine electrical technician may service the boat's electrical system.

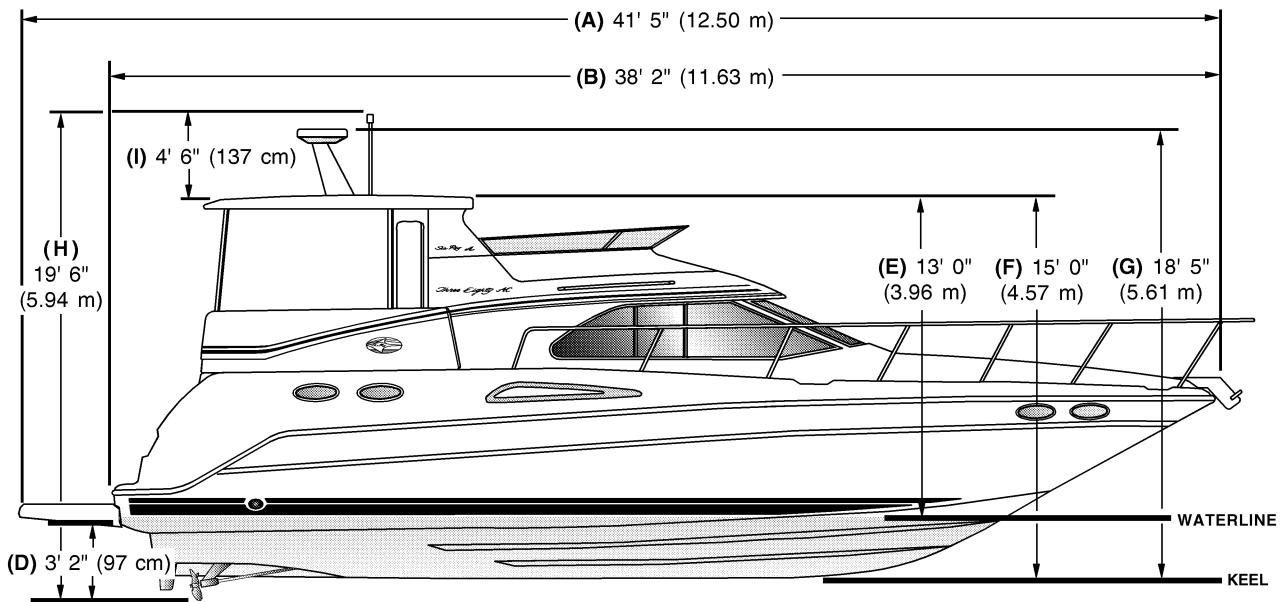
## Cleats

Cleats are intended for mooring use only. Do not use cleats for towing or lifting the boat. Figure 12.3.1 illustrates the location of cleats on your boat.



# Specifications & Dimensions

PROFILE  
(FIG. 12.4.1)

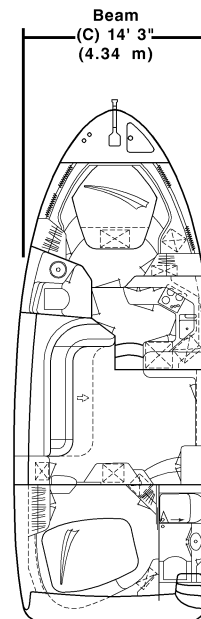


## SPECIFICATIONS & HEIGHT DIMENSIONS

(A) Overall Length .....	38' 2" (11.63 m)
(B) Overall Length w/Swim Platform .....	41' 5" (12.50 m)
(C) Beam .....	14' 3" (4.34 m)
(D) Draft .....	3' 2" (97 cm)
Dry Weight – Standard Power .....	24,000 lbs. (10,886 kg)
Fuel Capacity .....	300 gal. (1,136 liters)
Useable Fuel .....	285 gal. (1,078 liters)
Water Capacity .....	100 gal. (379 liters)
Holding Tank .....	54 gal. (204.4 liters)
Dead Rise .....	19.5°

### HEIGHT DIMENSIONS

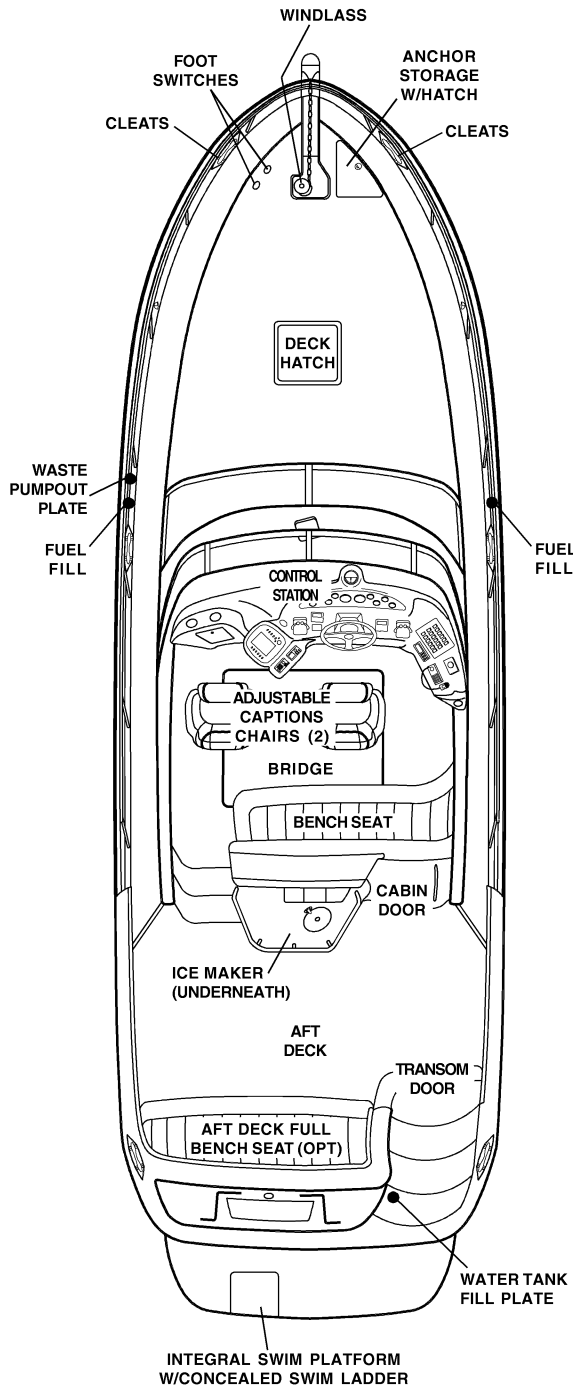
(E) Waterline To Top Of Hardtop .....	13' 0" (3.96 m)
(F) Keel To Top Of Hardtop .....	15' 0" (4.57 m)
(G) Keel To Top Of Radar .....	18' 5" (5.61 m)
(H) Keel To Top Of Mastlight .....	19' 6" (5.64 m)
(I) Hardtop To Top Of Mastlight .....	4' 6" (137 cm)



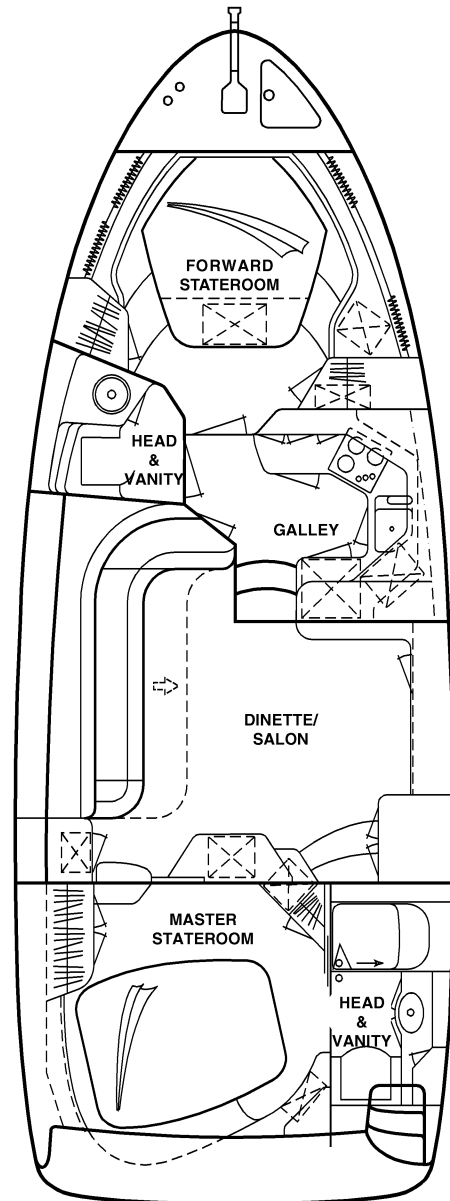
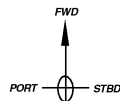
(FIG. 12.4.2)

# Accommodation Plans

MAIN DECK (FLOOR PLAN)  
(FIG. 12.5.1)


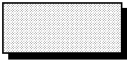



MID DECK (FLOOR PLAN)  
(FIG. 12.5.2)

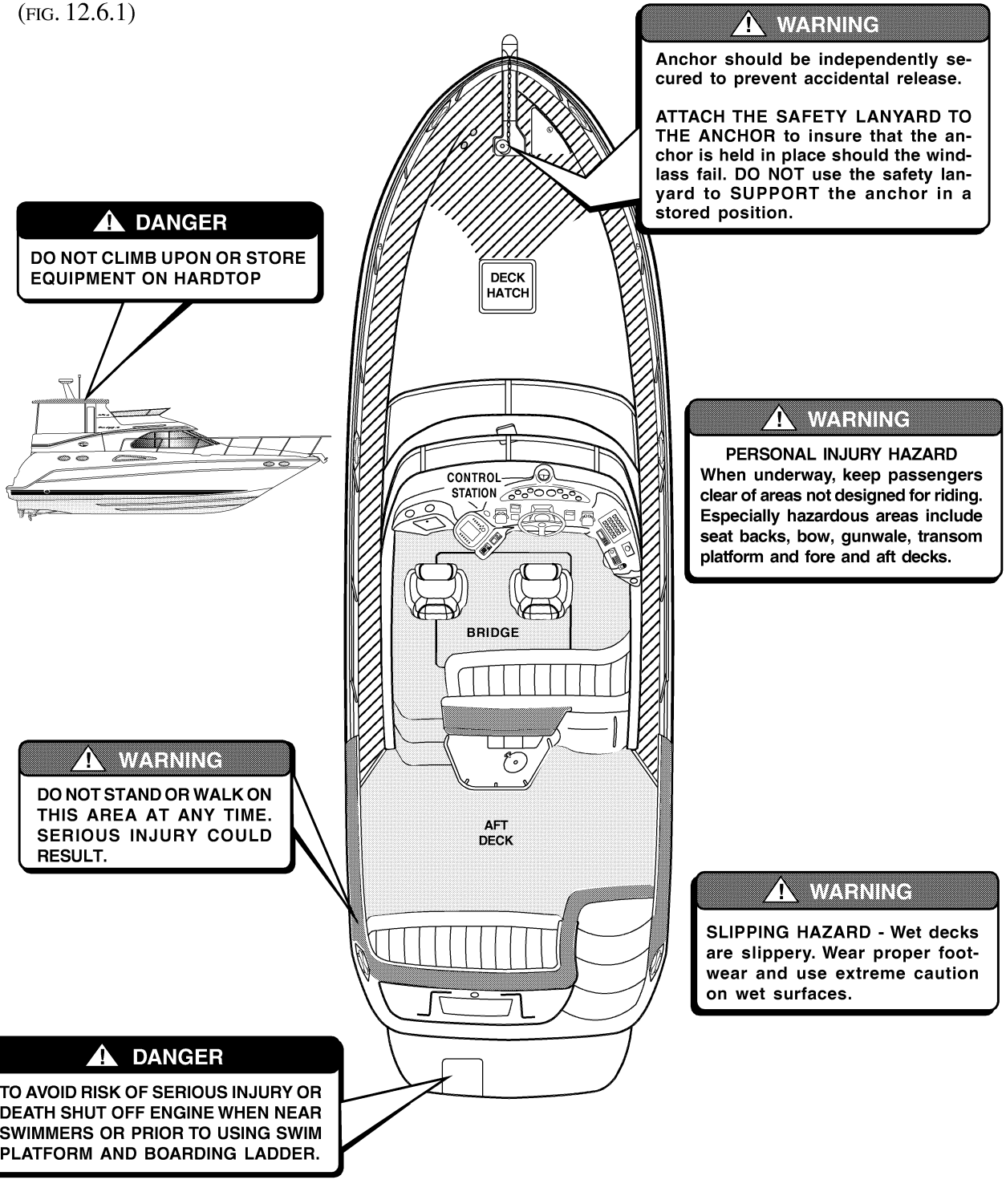


# Deck Occupancy Plan

(When Vessel Is Under Way)

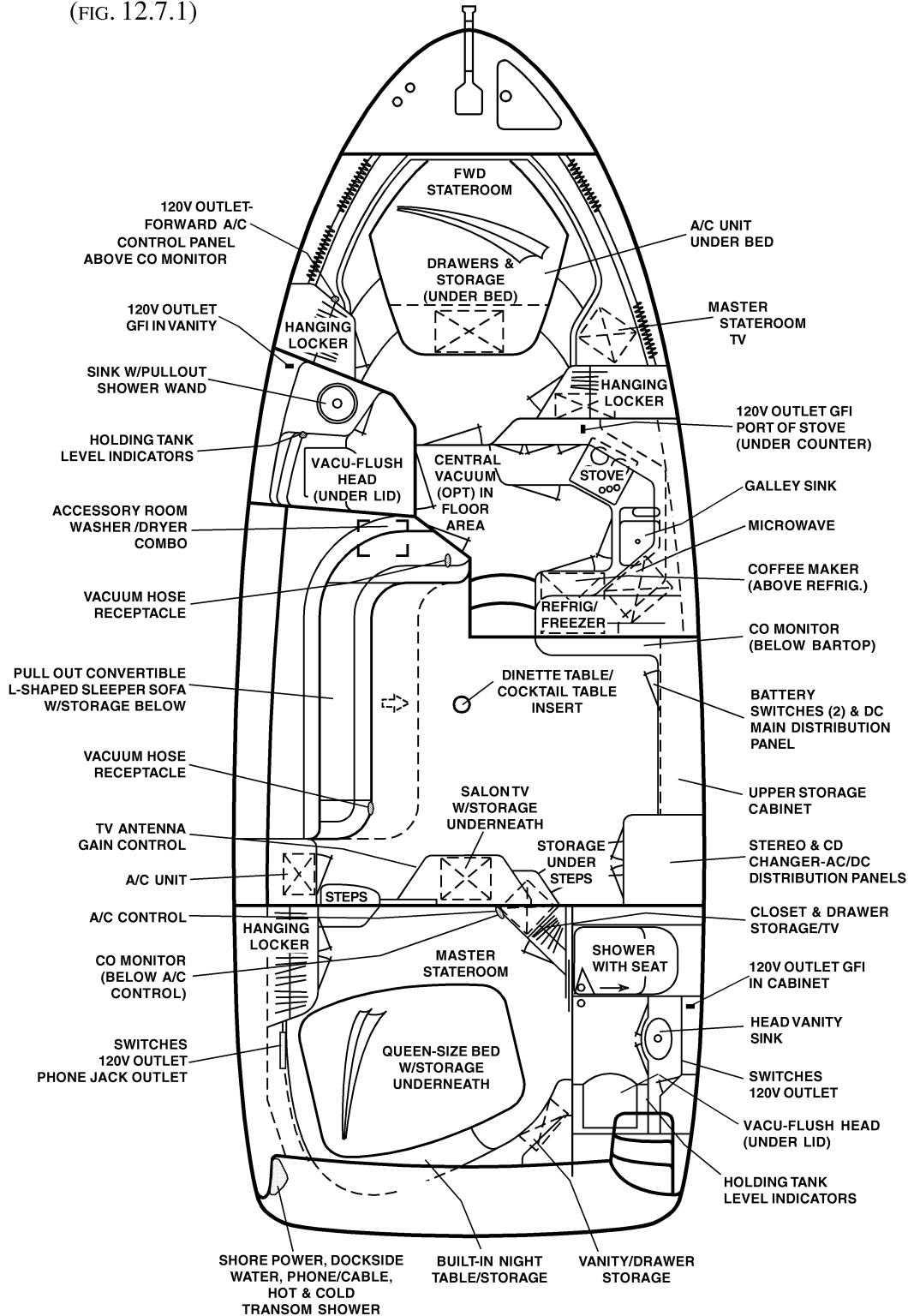
 <p><b>WORKING DECK</b> (DECK AREA INTENDED FOR OCCUPATION DURING ANCHORING, MOORING AND EMERGENCY OPERATION ONLY)</p>	 <p><b>ACCOMODATION DECK</b> (DECK AREA INTENDED FOR OCCUPATION DURING NORMAL OPERATION)</p>	 <p><b>DO NOT WALK ON THIS AREA</b></p>
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(FIG. 12.6.1)



# Accessory Locations

(FIG. 12.7.1)



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# General Information

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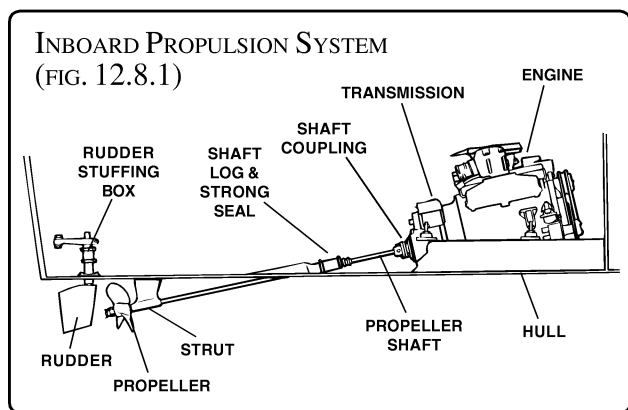
## Propulsion System

The 380 AC is equipped with an inboard drive type propulsion system also known as an inboard engine.

REFER TO THE OWNER'S MANUAL AND ENGINE OWNER'S MANUAL FOR OPERATING INSTRUCTIONS AND WARRANTY INFORMATION.

## Engine Access

The 380 AC is equipped with gas assist shock lifts for the salon floor hatch to allow access to the engines and bilge area.





# Head System



Head System information can be found in *Section 6 • Head System* of the owner's manual. The Owner's Manual Packet in your boat contains information pertaining to your head system that should be carefully read.

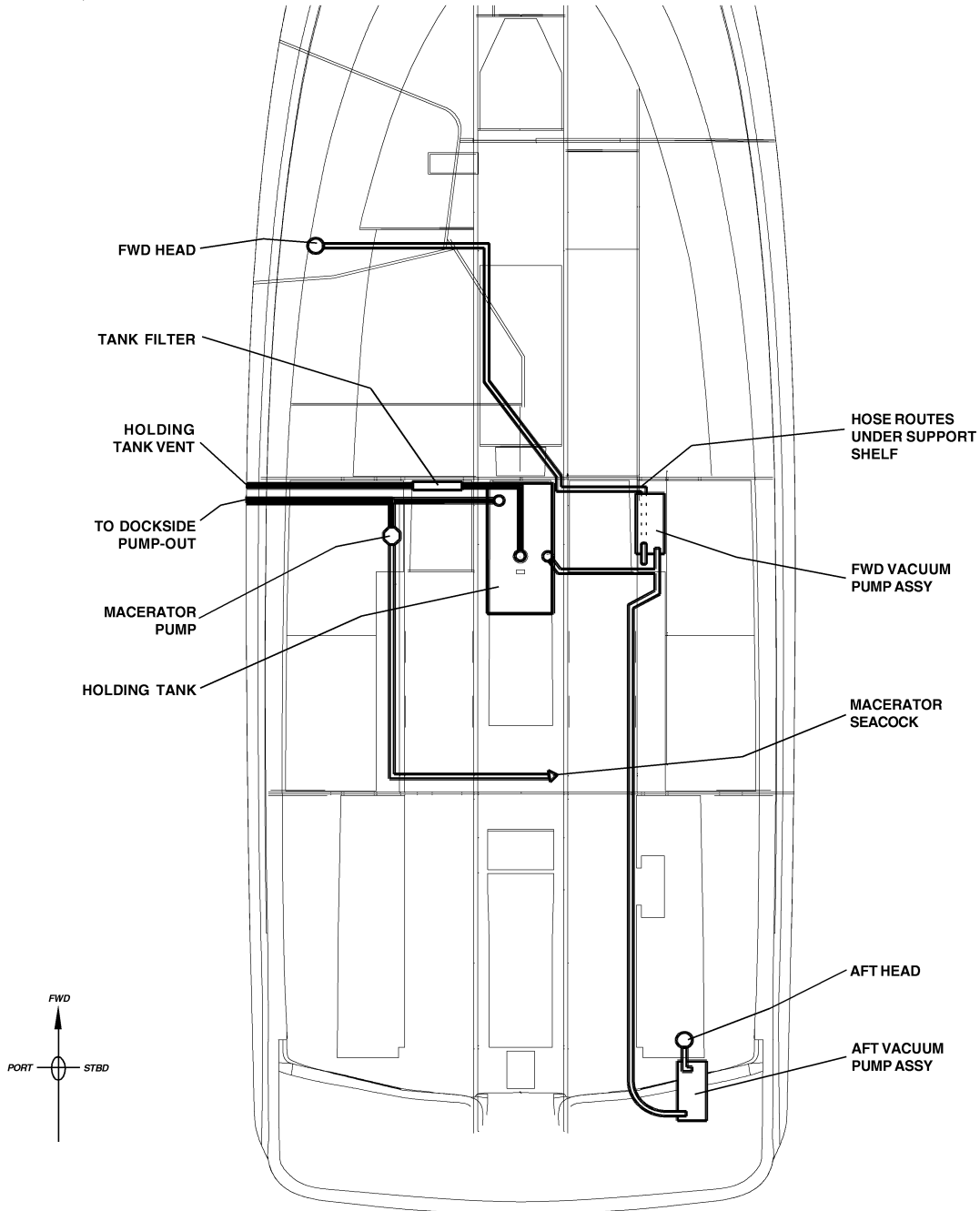
REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



## CAUTION

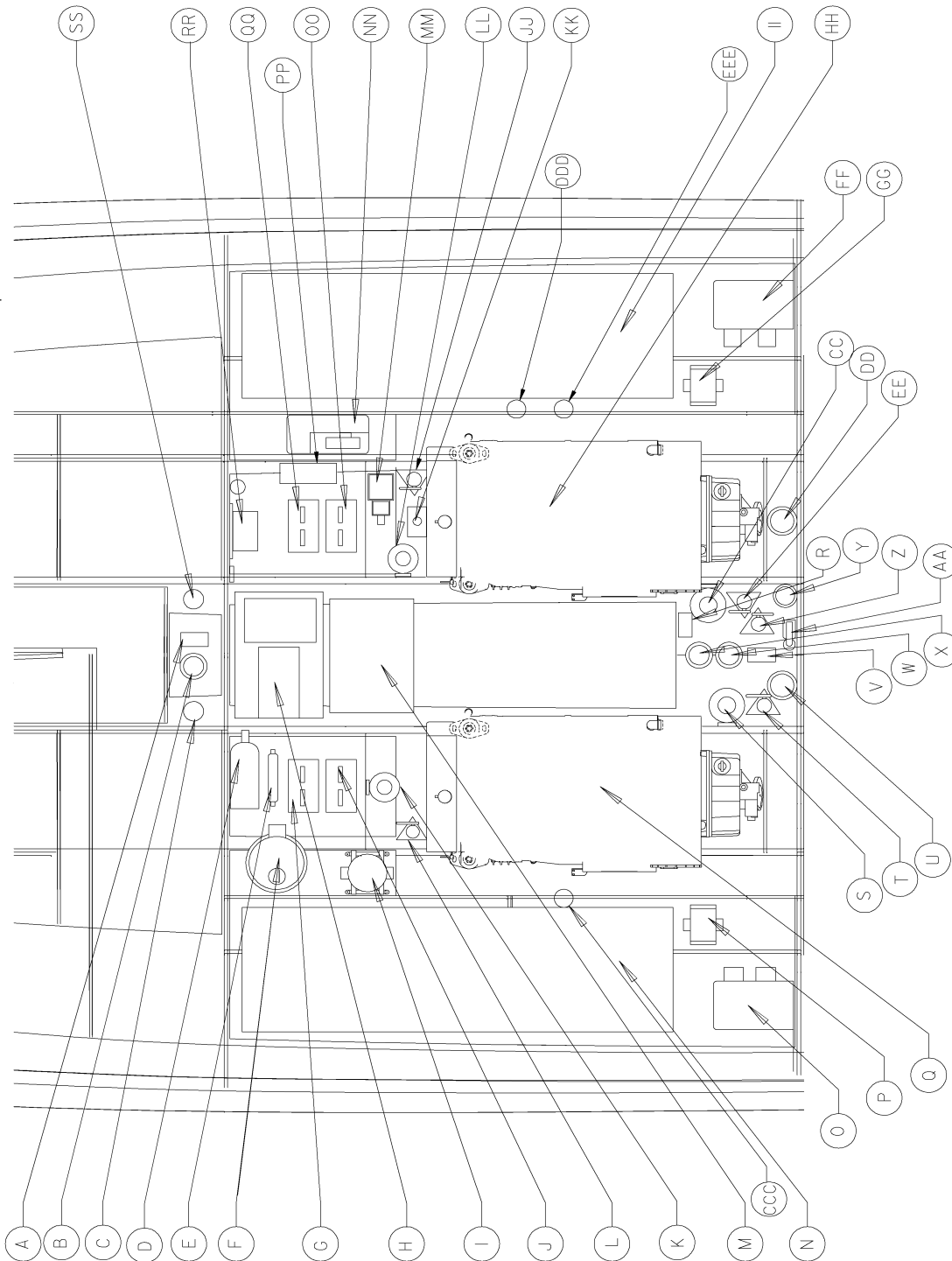
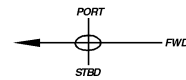
Do not place facial tissue, paper towels or sanitary napkins in head.

WASTE WATER LINE ROUTING  
(FIG. 12.9.1)

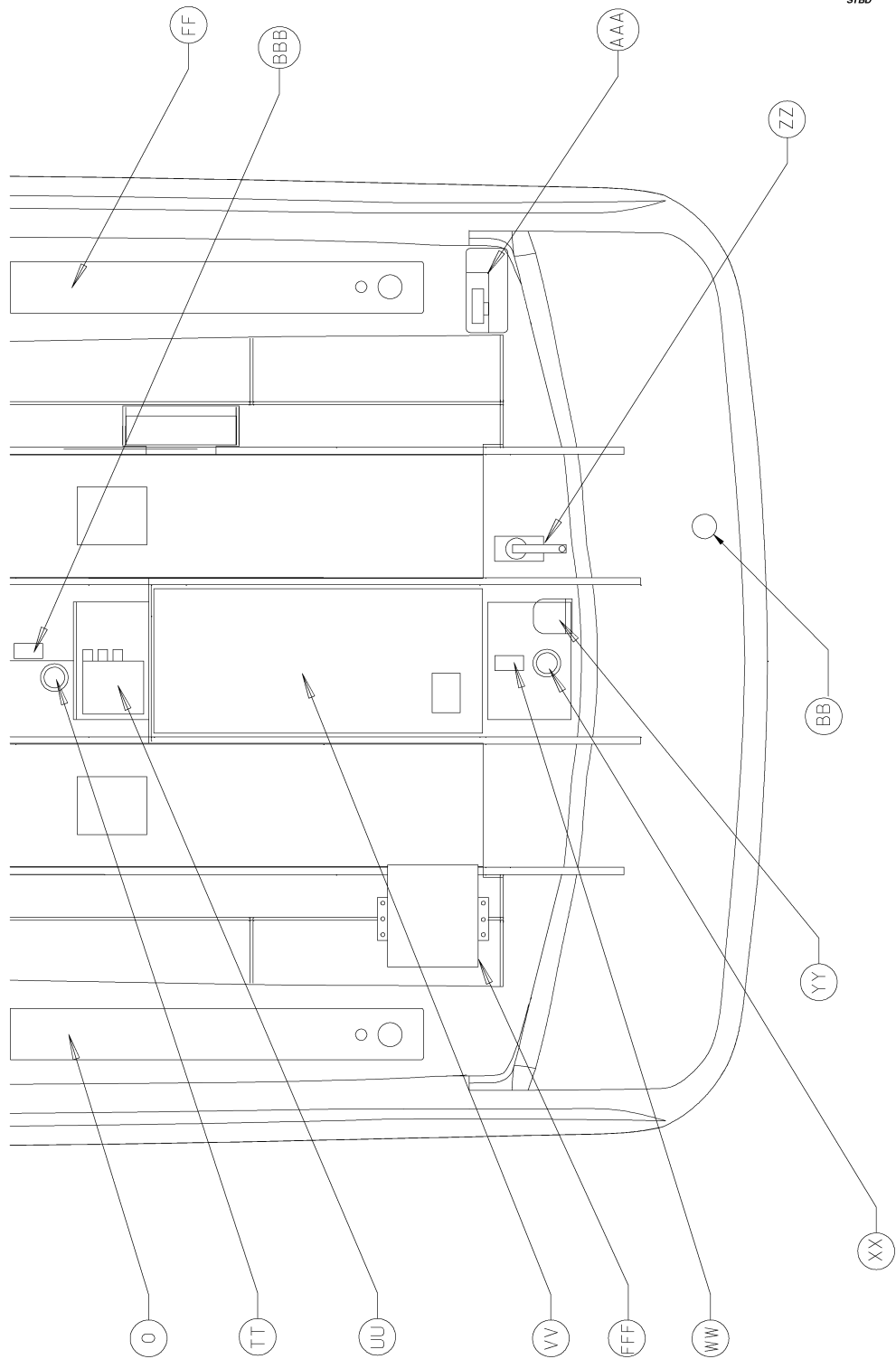
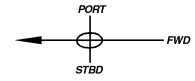


# Bilge Layout

BILGE LAYOUT (FORWARD OF TRANSOM)  
(FIG. 12.10.1)



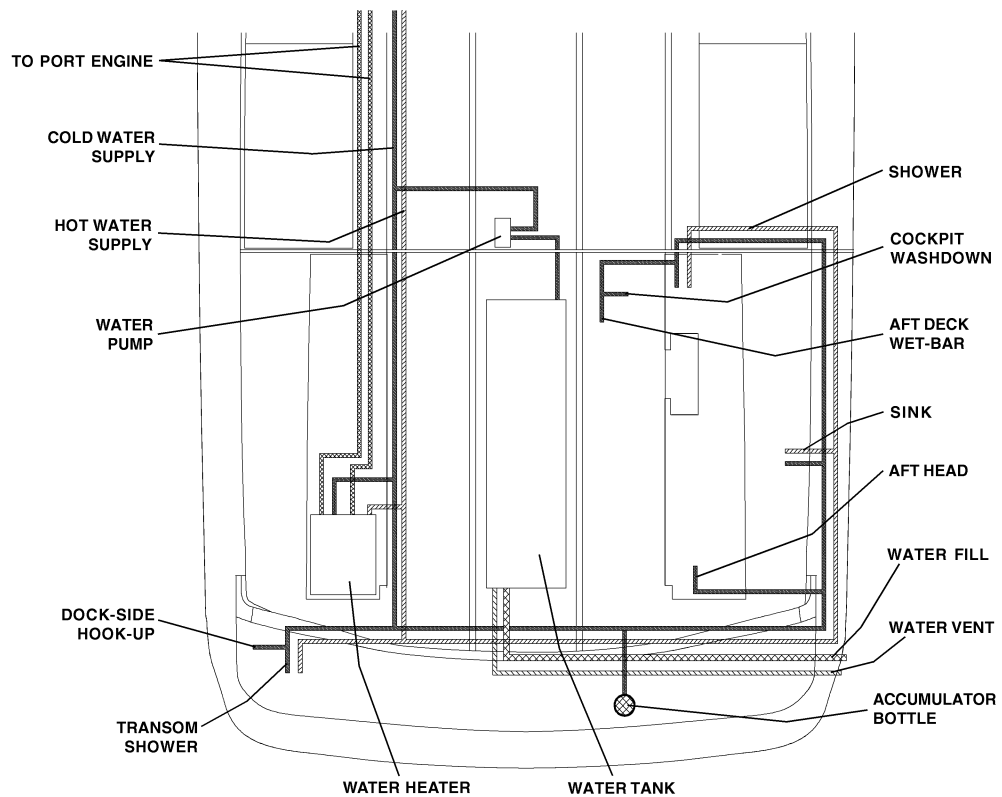
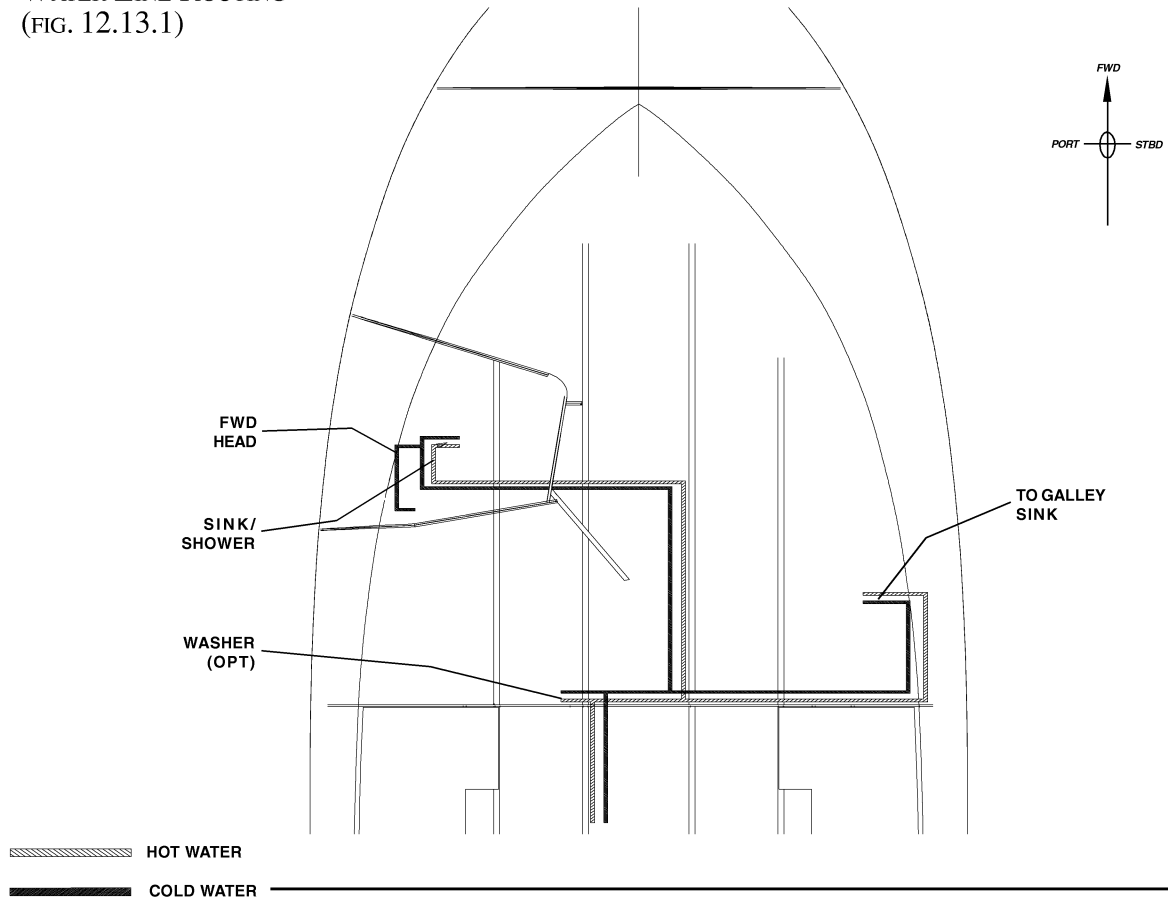
BILGE LAYOUT (TRANSOM)  
(FIG. 12.11.1)



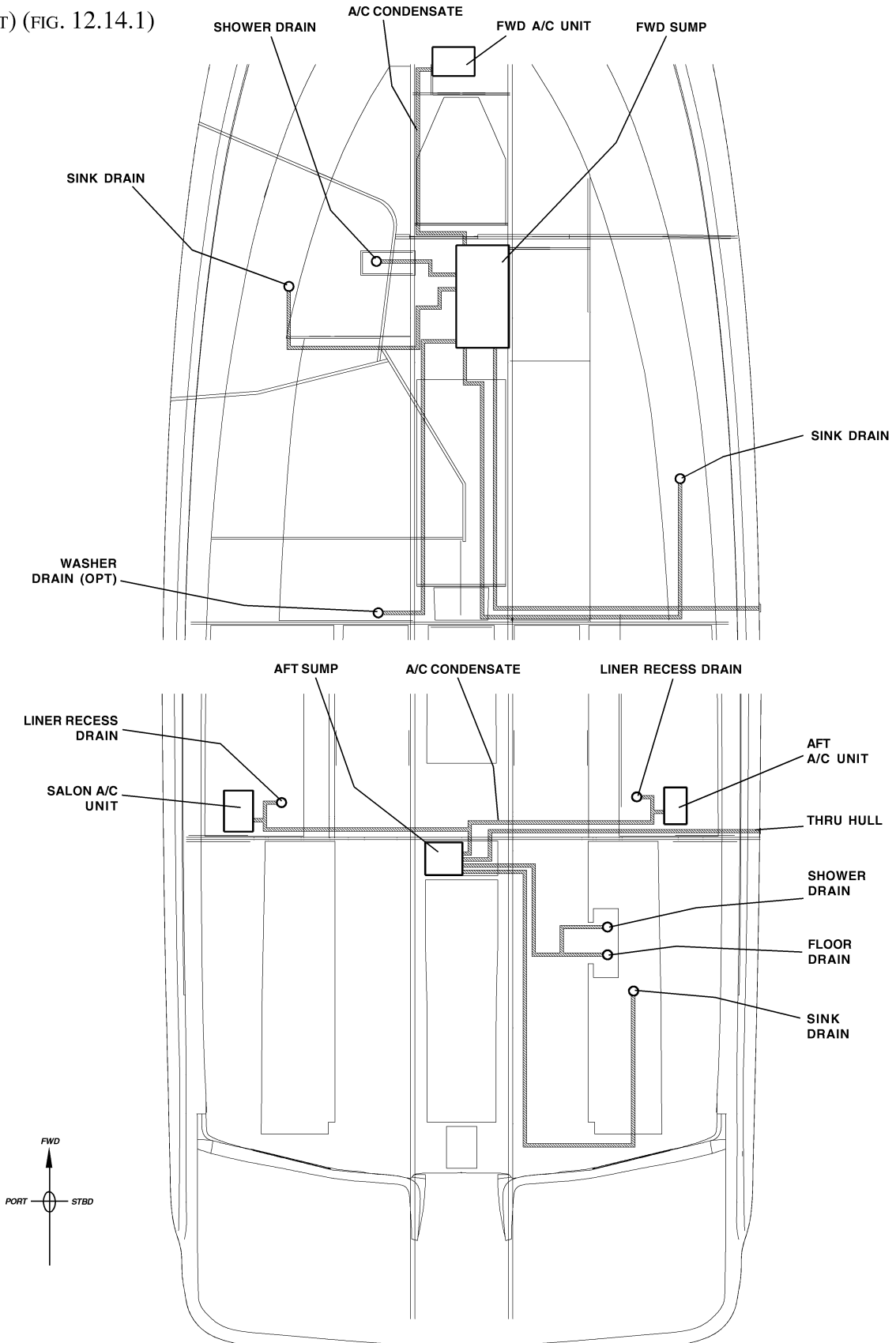
## BILGE COMPONENTS

<b>A</b>	FWD CABIN FLOAT SWITCH	<b>DD</b>	RACOR® FUEL WATER SEPARATOR DIESEL ENGINE (OPT)
<b>B</b>	FWD CABIN BILGE PUMP	<b>EE</b>	PORT ENGINE SEACOCK
<b>C</b>	SUM LOG TRANSDUCER (OPT)	<b>FF</b>	STBD ENGINE MUFFLER
<b>D</b>	AUTOMATIC FIRE EXTINGUISHER	<b>GG</b>	STBD BILGE BLOWER
<b>E</b>	HOLDING TANK FILTER	<b>HH</b>	STBD ENGINE
<b>F</b>	GENERATOR MUFFLER	<b>II</b>	STBD FUEL TANK
<b>G</b>	GENERATOR BATTERY	<b>JJ</b>	A/C SEACOCK
<b>H</b>	GENERATOR	<b>KK</b>	RECOVERY BOTTLES (PORT & STBD)
<b>I</b>	HEAD SYSTEM MACERATOR (OPT)	<b>LL</b>	A/C STRAINER
<b>J</b>	PORT ENGINE BATTERY	<b>MM</b>	A/C PUMP
<b>K</b>	GENERATOR STRAINER	<b>NN</b>	FWD HEAD VACUUM GENERATOR
<b>L</b>	GENERATOR SEACOCK	<b>OO</b>	STBD ENGINE BATTERY
<b>M</b>	HOLDING TANK	<b>PP</b>	ENGINE SYNCHRONIZER (OPT)
<b>N</b>	PORT FUEL TANK	<b>QQ</b>	STBD ENGINE BATTERY
<b>O</b>	PORT ENGINE MUFFLER	<b>RR</b>	CONVERTER & GROUND BUSS
<b>P</b>	PORT BILGE BLOWER	<b>SS</b>	TRANSDUCER (OPT)
<b>Q</b>	PORT ENGINE	<b>TT</b>	AFT CABIN BILGE PUMP
<b>R</b>	HIGH WATER FLOAT SWITCH	<b>UU</b>	AFT CABIN SUMP PUMP
<b>S</b>	PORT ENGINE STRAINER	<b>VV</b>	WATER TANK
<b>T</b>	STBD ENGINE SEACOCK	<b>ww</b>	TRANSOM FLOAT SWITCH
<b>U</b>	RACOR® FUEL WATER SEPARATOR DIESEL ENGINE (OPT)	<b>xx</b>	TRANSOM BILGE PUMP
<b>V</b>	FLOAT SWITCH	<b>yy</b>	TRIM TAB PUMP
<b>W</b>	BILGE PUMP	<b>zz</b>	AUTOPILOT ANGLE FINDER (OPT)
<b>X</b>	HIGH WATER BILGE PUMP	<b>AAA</b>	AFT HEAD VACUUM GENERATOR
<b>Y</b>	RACOR® FUEL WATER SEPARATOR DIESEL GENERATOR (OPT)	<b>BBB</b>	AFT CABIN FLOAT SWITCH
<b>Z</b>	HEAD DISCHARGE SEACOCK (OPT)	<b>CCC</b>	FUEL WATER SEPARATOR GAS ENGINE
<b>AA</b>	WATER PUMP & FILTER	<b>DDD</b>	FUEL WATER SEPARATOR GAS GENERATOR
<b>BB</b>	ACCUMULATOR BOTTLE	<b>EEE</b>	FUEL WATER SEPARATOR GAS ENGINE
<b>CC</b>	STBD ENGINE STAINER	<b>FFF</b>	WATER HEATER

**WATER LINE ROUTING**  
(FIG. 12.13.1)



GREY WATER LINE ROUTING  
(OPT) (FIG. 12.14.1)

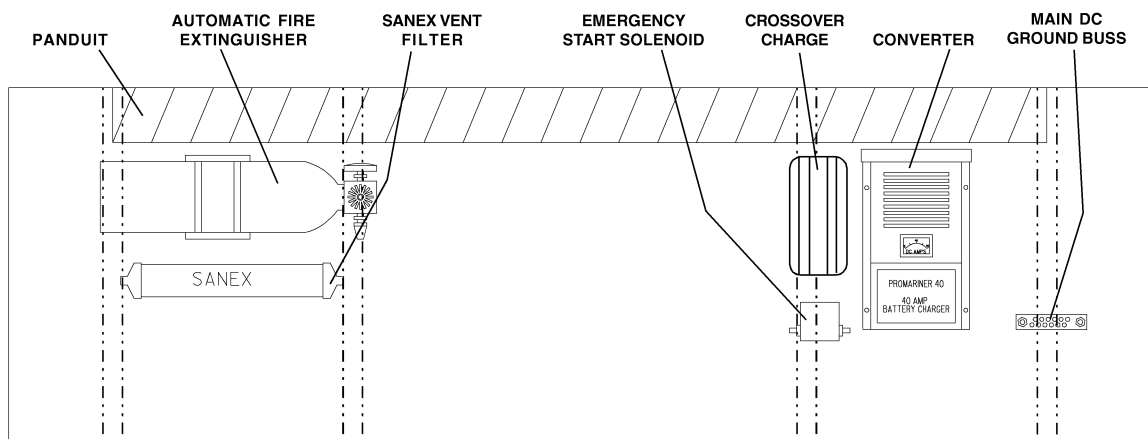


# ELECTRICAL INSTALLATION

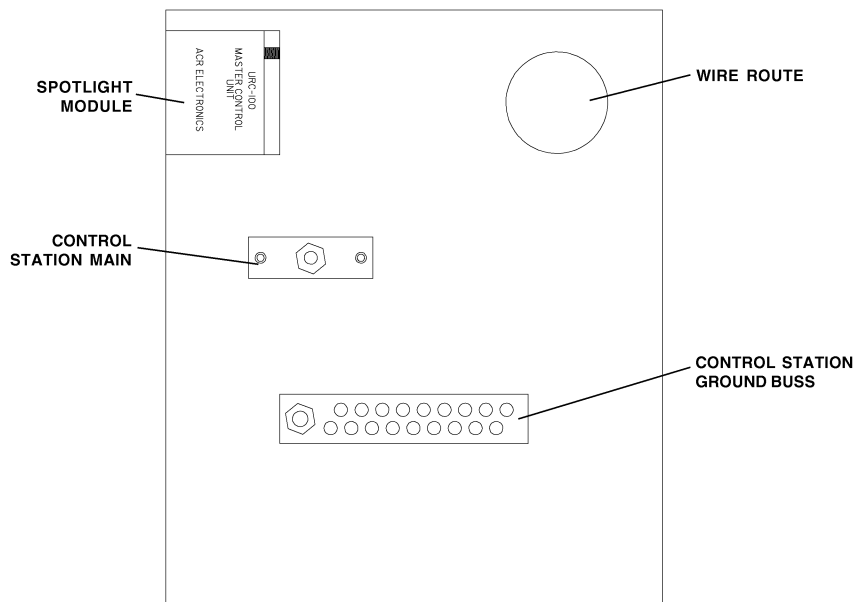
This owner's manual supplement contains electrical schematics for your boat. These electrical schematics were generated by technicians at the engineering division for technical reference and service technicians. Sea Ray® does not recommend that you attempt to work on the boats electrical system yourself,

instead we recommend that you take your boat to your authorized Sea Ray® dealer for service. Sea Ray® reserves the right to change or update the electrical system on any model at any time without notice to the consumer and is NOT obligated to make any updates to units built prior to changes.

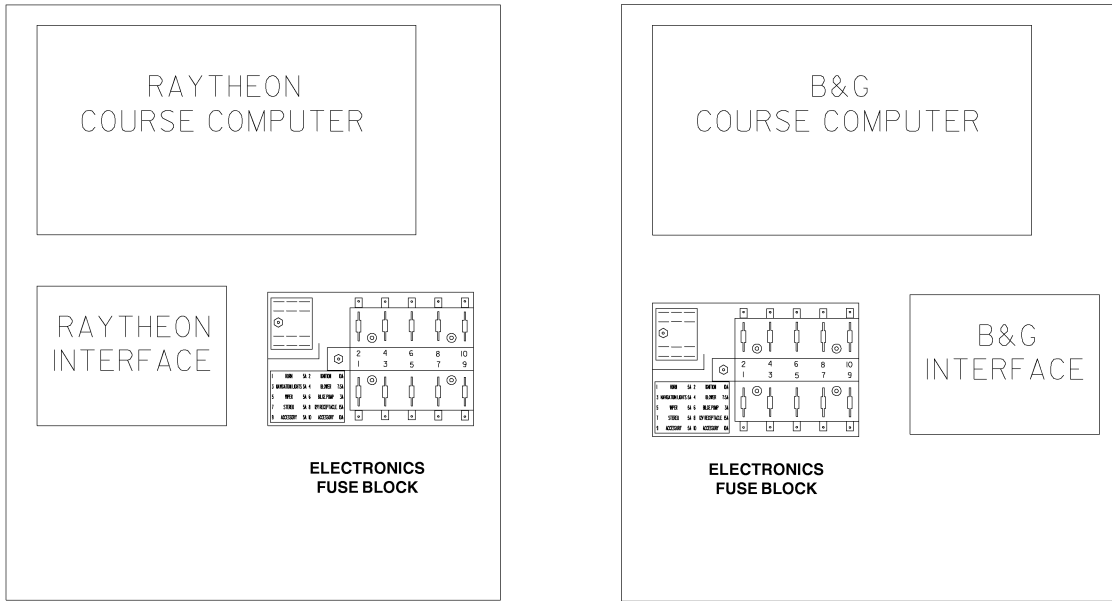
**BILGE COMPONENT BOARD LAYOUT**  
(FIG. 12.15.1)



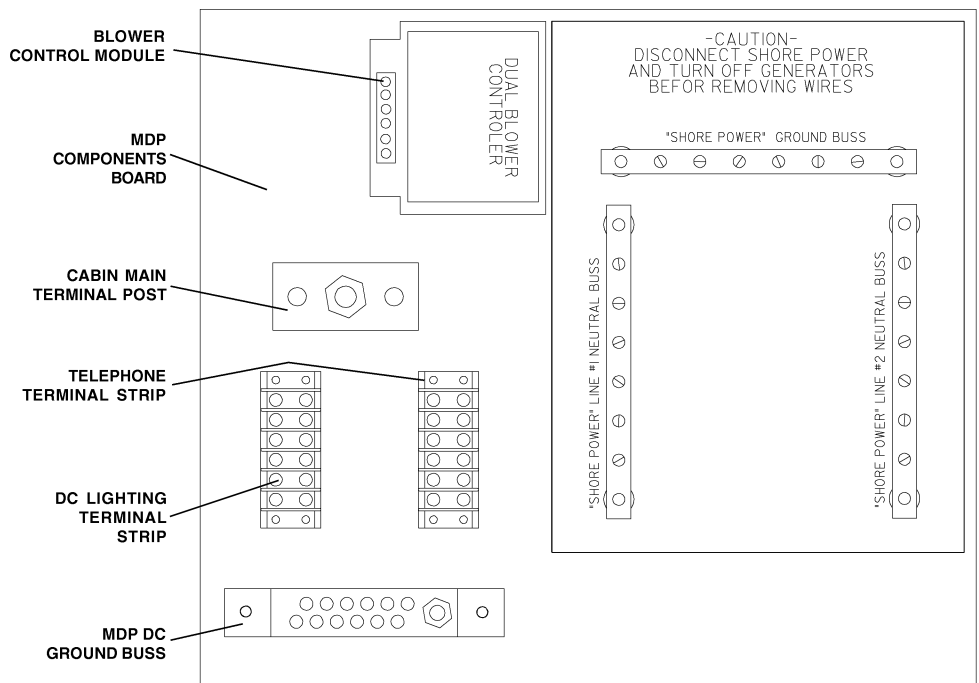
**UPPER CONTROL STATION COMPONENT BOARD LAYOUT**  
(FIG. 12.15.2)



UPPER CONTROL STATION ELECTRONICS  
 COMPONENTS BOARD LAYOUT  
 (FIG. 12.16.1)

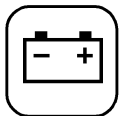


MDP COMPONENTS BOARD  
 (FIG. 12.16.2)





## Battery



Refer to the owner's manual for battery disconnect and maintenance. When replacing a battery, refer to your engine operation and maintenance manual to find the recommended battery for the engine installed in your boat.

Sea Ray® recommended batteries are available through your Sea Ray® dealer.

### Battery Specifications:

Group: 27

Cold Cranking Amps: 575

Reserve Capacity: 165 Minutes

ALWAYS DISCONNECT BATTERY CABLES BEFORE DOING ANY WORK ON THE ENGINE'S ELECTRICAL SYSTEM OR ALTERNATOR WIRING TO PREVENT ARCING OR DAMAGE TO THE ALTERNATOR.

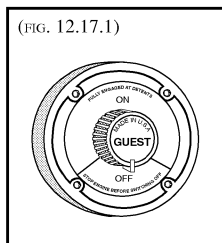
### CAUTION

While the engine is running, the battery terminal clamps must not be loosened or detached nor should the battery switch(es) be turned off, otherwise the alternator and other electronic units will be damaged.

### DANGER

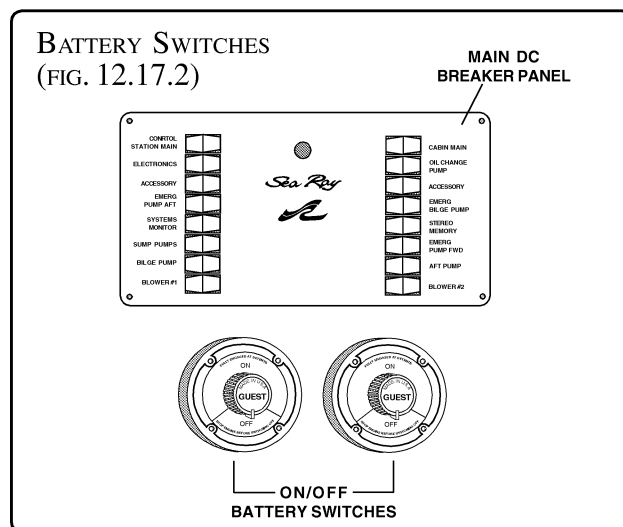
- Never use an open flame in the battery storage area.
- Avoid striking sparks near the battery.
- A battery will explode if a flame or spark ignites the free hydrogen given off during charging.

## BATTERY SWITCH



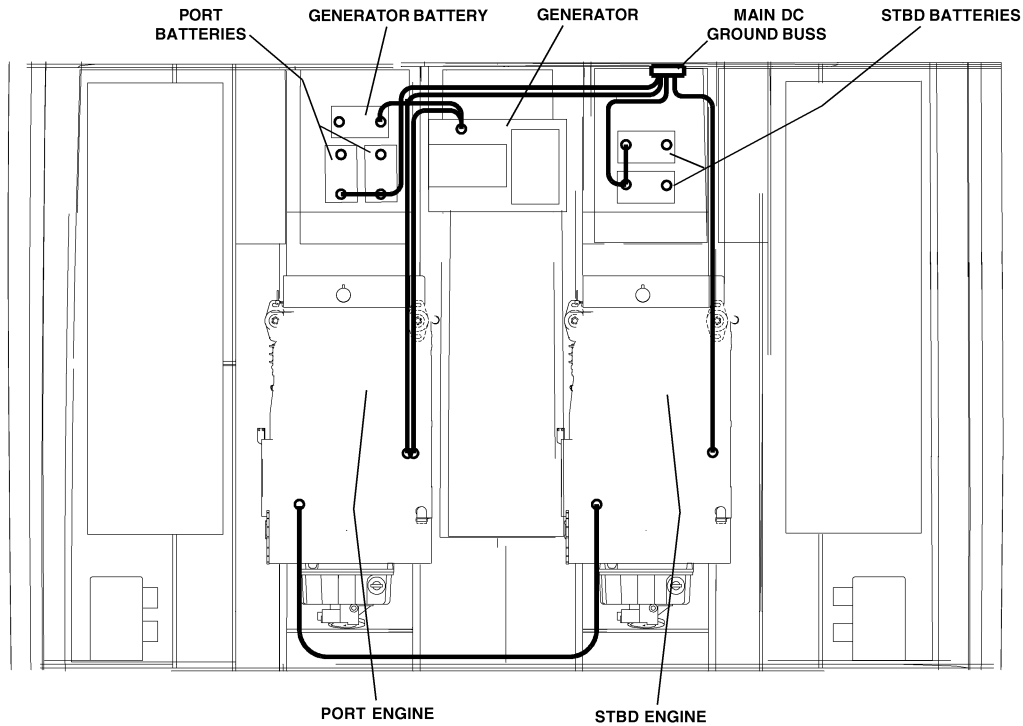
Your boat is equipped with two battery switch selectors. They are located on the starboard side of the salon. (See figure 12.7.1 for exact location). The battery switch controls the delivery of DC loads, as well as allowing the engine alternator to charge the batteries.

- ON/OFF Switches with two (2) positions, "ON and OFF".

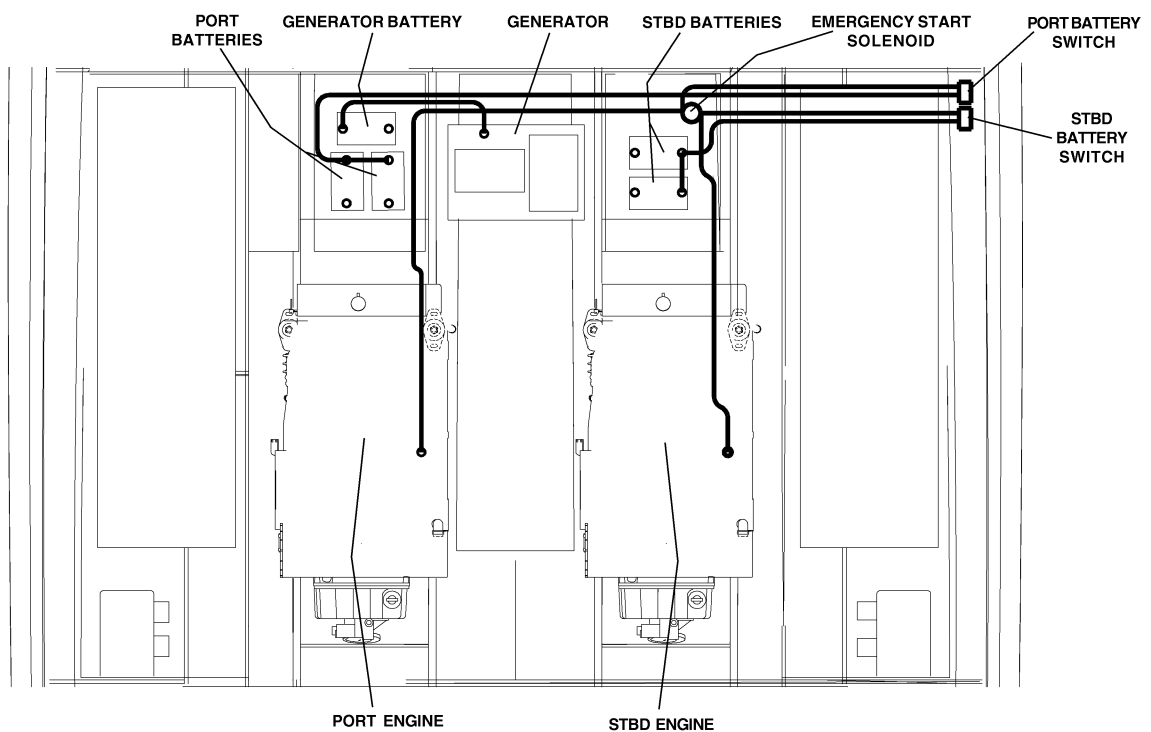


# Battery Cable Routing

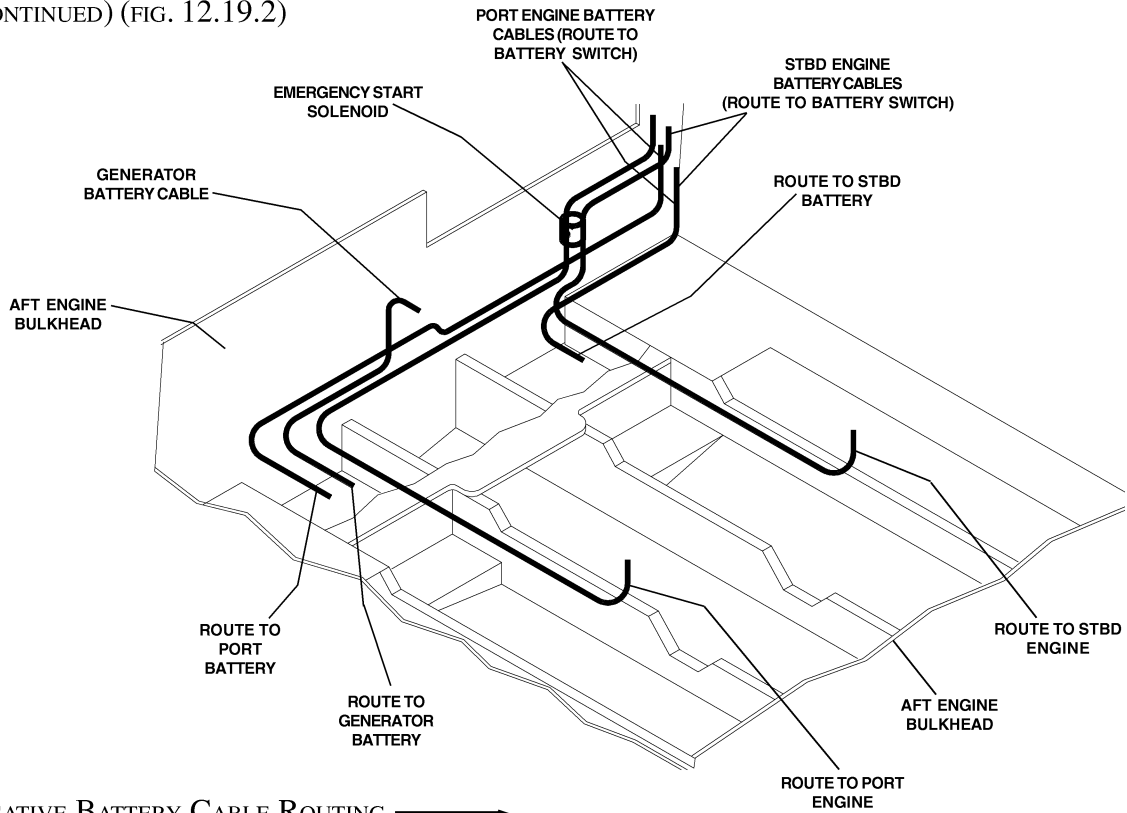
NEGATIVE BATTERY CABLE ROUTING  
(FIG. 12.18.1)



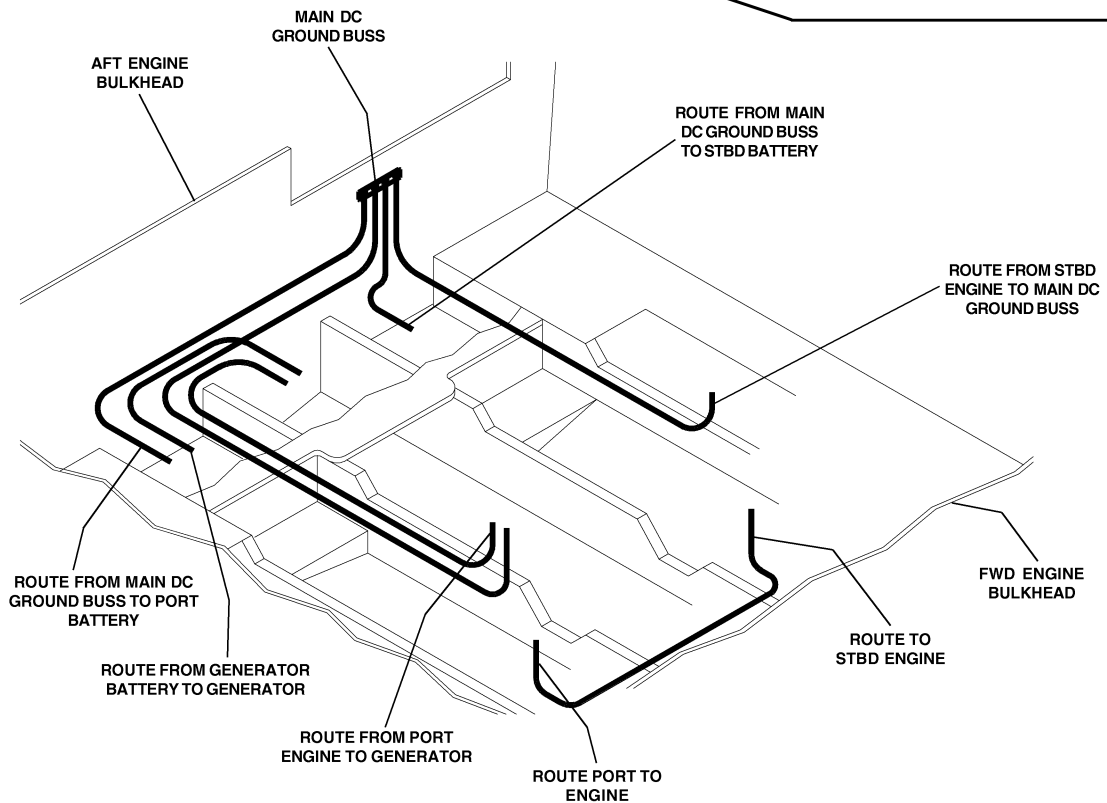
POSITIVE BATTERY CABLE ROUTING  
(FIG. 12.18.2)



POSITIVE BATTERY CABLE ROUTING  
(CONTINUED) (FIG. 12.19.2)



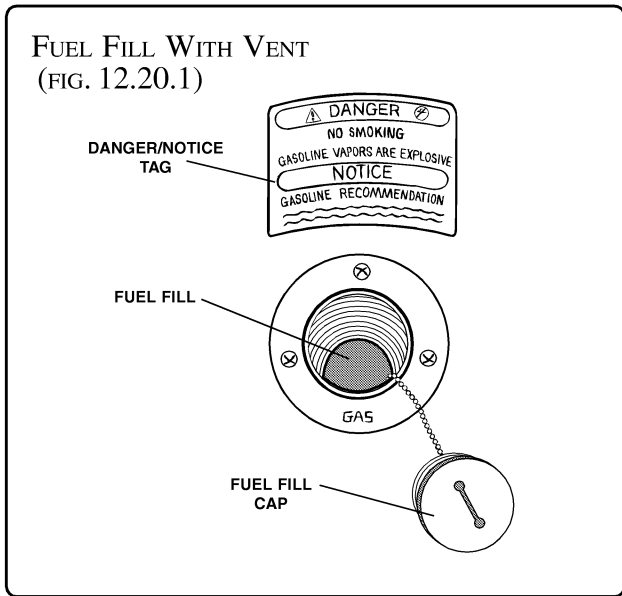
NEGATIVE BATTERY CABLE ROUTING  
(CONTINUED) (FIG. 12.19.2)



# Fuel System

The 380 AC is equipped with either a gasoline or diesel fuel system. A detailed drawing of the fuel system can be found in the *Owner's Manual, Section 4, Fueling & Starting* and the *Parts Manual*. Fueling instructions and precautions can be found in the *Owner's Manual, Section 4, Fueling & Starting*.

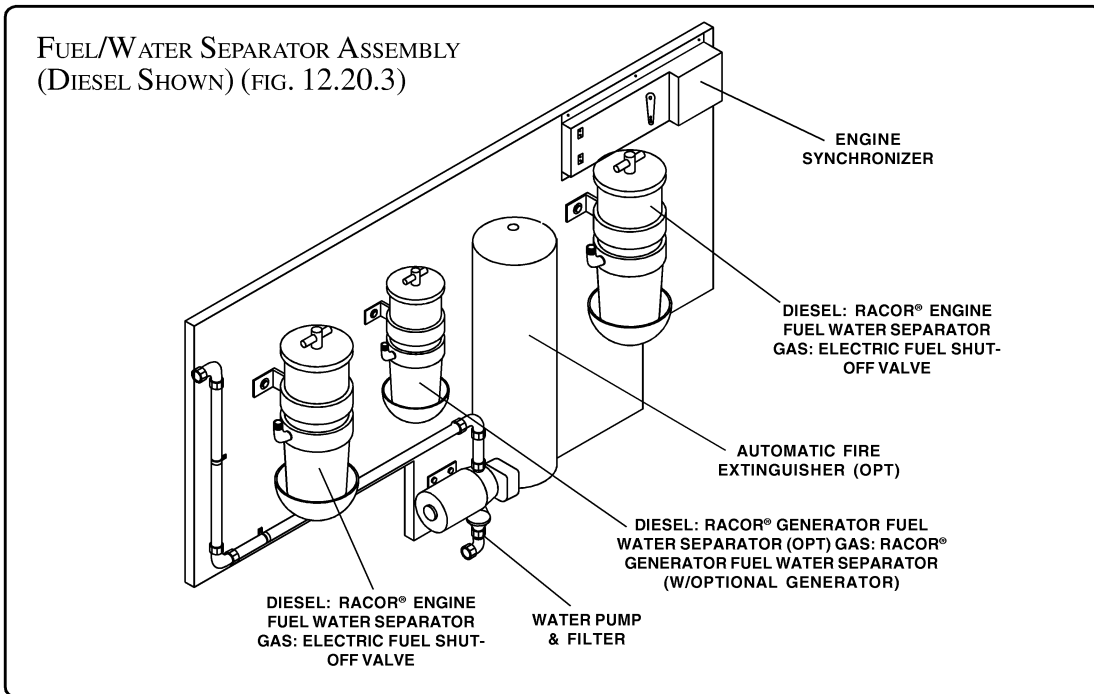
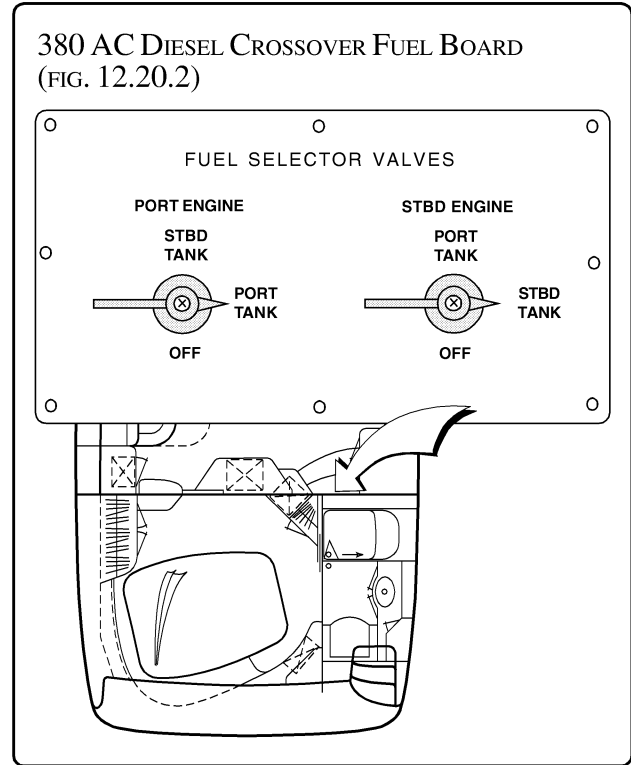
**NOTE: IN ROUGH SEAS, ALLOW APPROXIMATELY 15% RESERVE WHEN PLANNING FUEL CONSUMPTION. REFER TO THE ENGINE OPERATOR'S MANUAL FOR MORE DETAILED INFORMATION.**



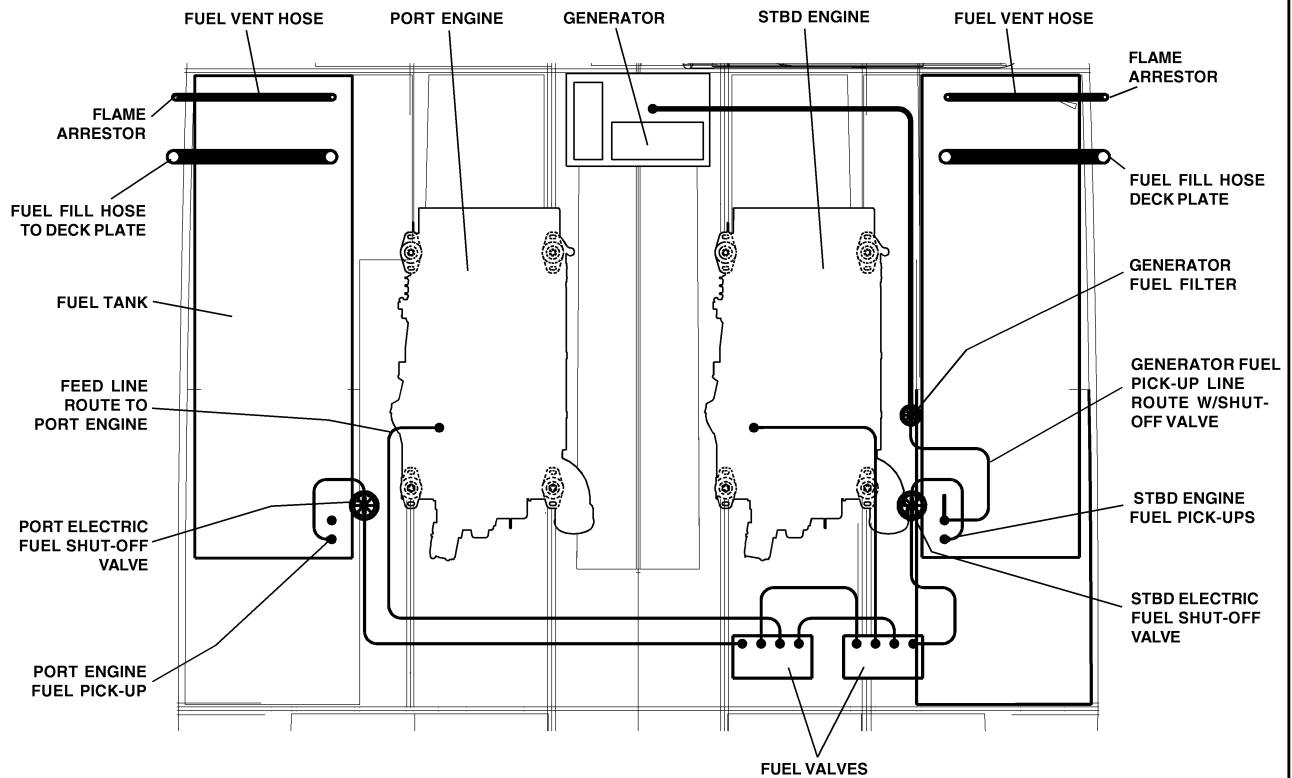
# Crossover Fuel System (Diesel)

The crossover fuel board is located under the cabin entryway steps.

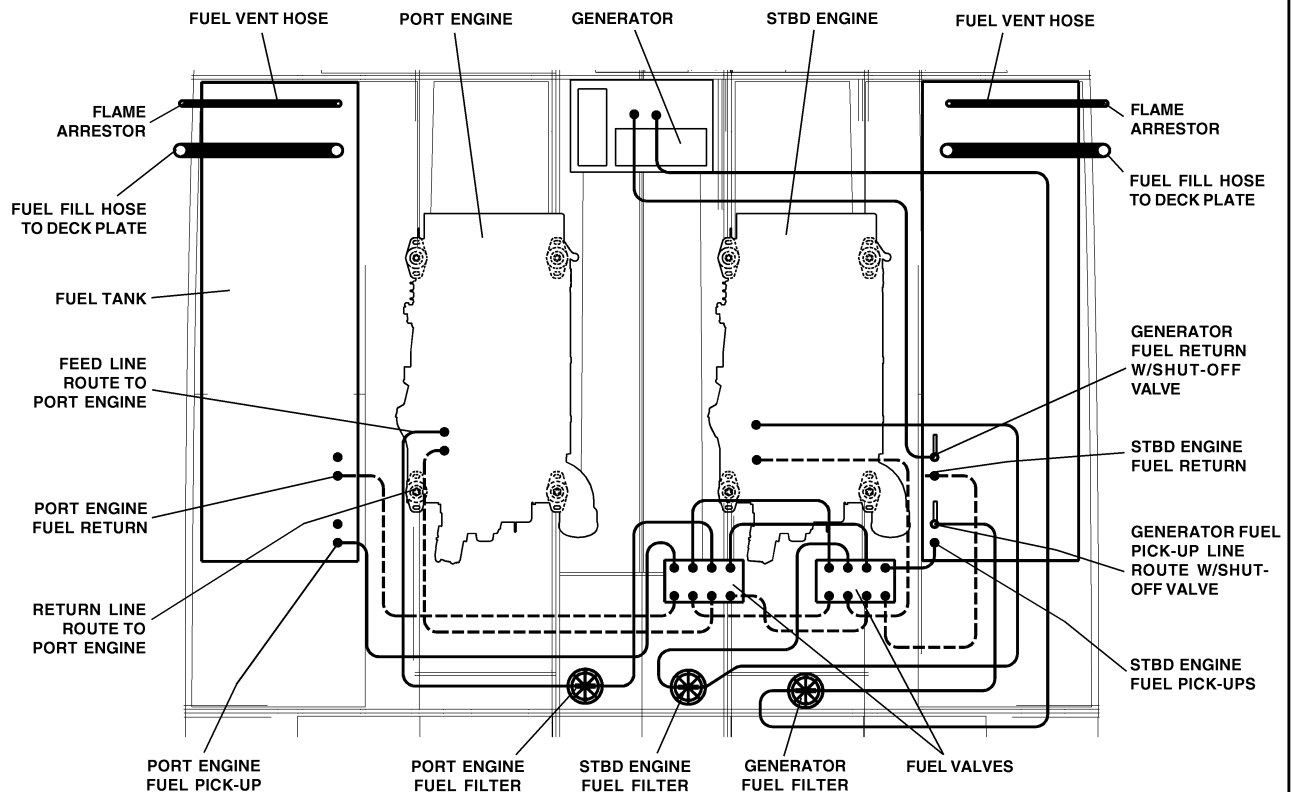
REFER TO THE SPORT YACHT OWNER'S MANUAL FOR DETAILED OPERATING INSTRUCTIONS AND THE OWNER'S PACKET FOR MANUFACTURE LITERATURE & WARRANTY.



FUEL LINE ROUTING (GASOLINE)  
(FIG. 12.21.1)



FUEL LINE ROUTING (DIESEL OPT)  
(FIG. 12.21.2)

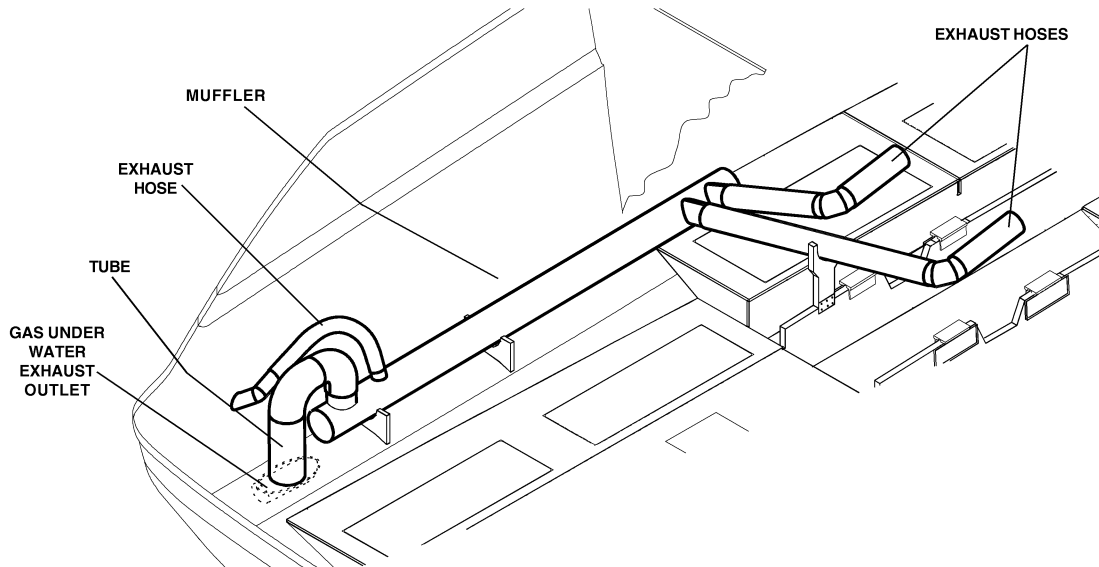


# Exhaust System

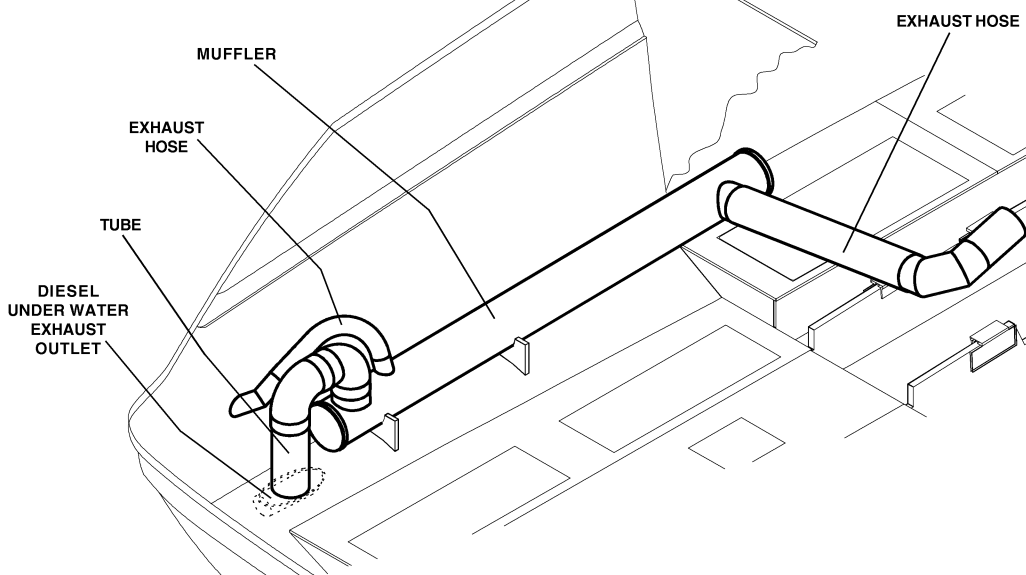
General exhaust system information can be found in *Section 2 • Bilge & Underwater Gear* of the owner's manual. Below are illustrations of the optional engine exhaust systems.

REFER TO THE OWNER'S MANUAL AND ENGINE OWNER'S MANUAL FOR INSTRUCTIONS AND WARRANTY INFORMATION.

ENGINE MUFFLER & EXHAUST SYSTEM INSTALLATION (FIG. 12.22.1)



ENGINE MUFFLER & EXHAUST SYSTEM INSTALLATION (CAT 3116) (FIG. 12.22.2)



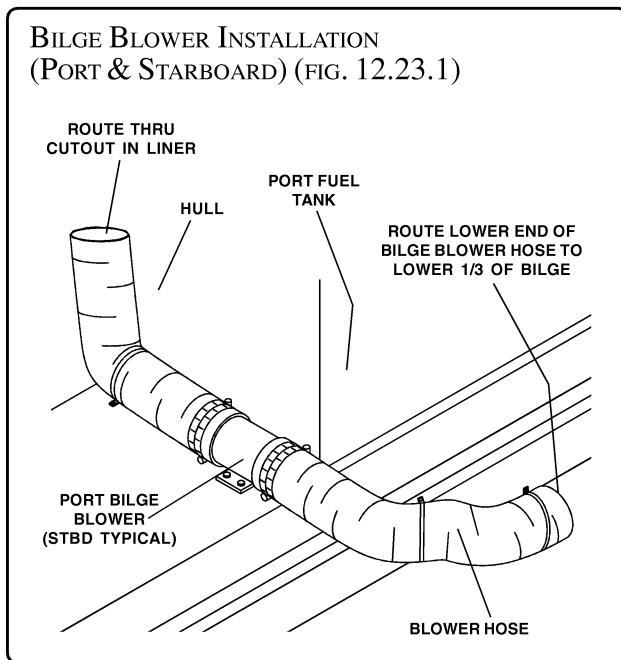
## Ventilation System / Bilge Blower



Sea Ray® Sport Yachts are equipped with electric bilge blowers to remove fumes from the engine compartment and provide ventilation through the deck vents before starting the engine and when operating below cruising speeds. The bilge blowers are located inside the port and starboard side of the engine room.

Bilge blower switches are located on the helm switch panel and the DC main distribution panel. Bilge blower breakers are located on the main DC breaker and battery switch panel located on the starboard side of the salon.

The blower switches have a two way switching capability. The blowers can be turned ON and OFF at either the control station or the main distribution panel.



### Blower Switch Lights:

**Lights On:** When the blowers are turned ON, the lights in the switches will come on and stay on, indicating that the blowers are functioning correctly.

**Lights Blinking:** If the lights are blinking, it is an indication that one of the blower breakers has tripped. Reset the tripped breaker. Blower breakers are located on the main DC distribution panel on the forward engine room bulkhead.

**Lights Not On:** If you try to turn ON the blowers and no lights come on, then both breakers are tripped and the switch is not receiving power. Reset the tripped breakers.

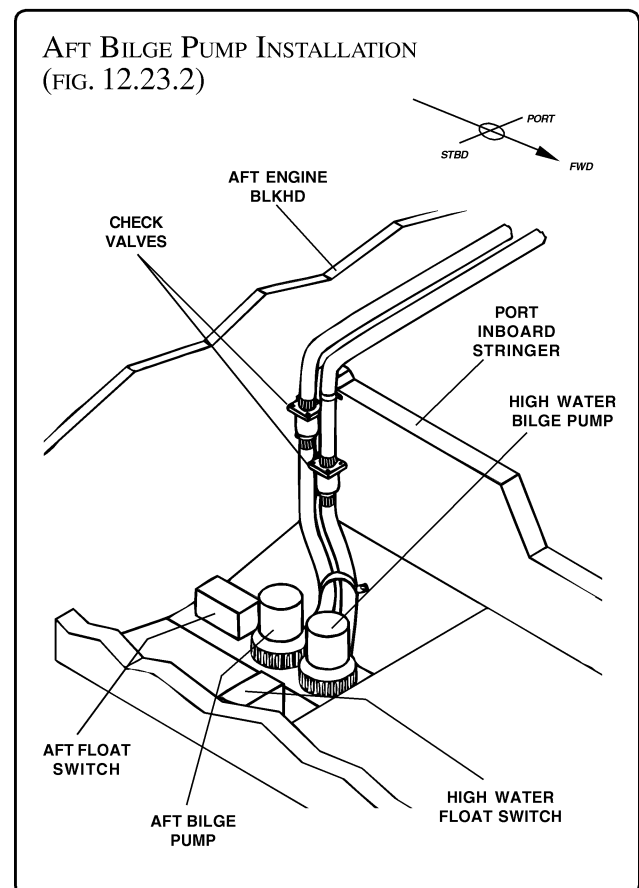
REFER TO "SECTION 2, BILGE & UNDERWATER GEAR" AND OWNER'S PACKET FOR OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS.

## Bilge Pumping System

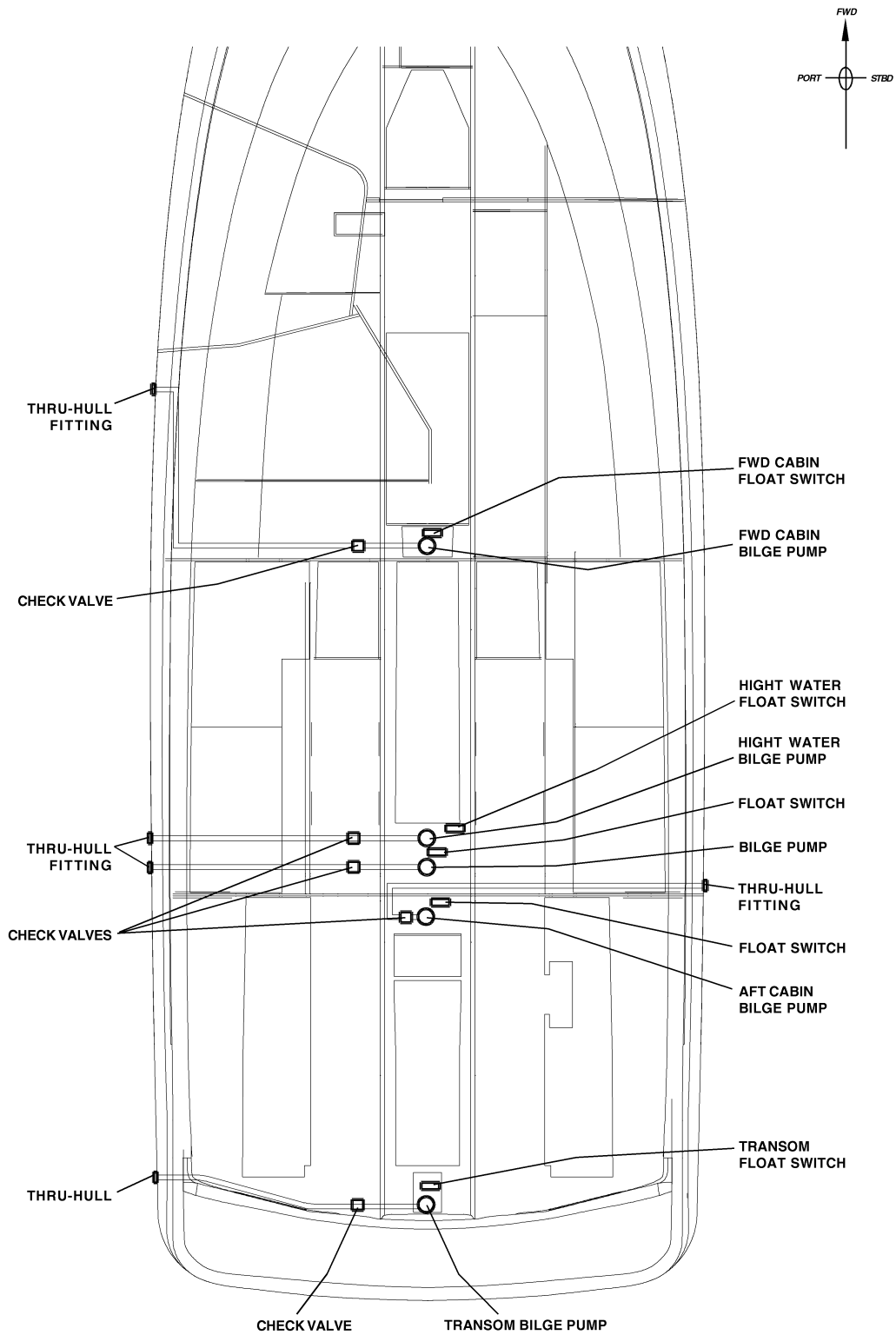


The 380 AC is equipped with an automatic bilge pump system.

REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



**BILGE PUMP HOSE ROUTING**  
 (FIG. 12.24.1)

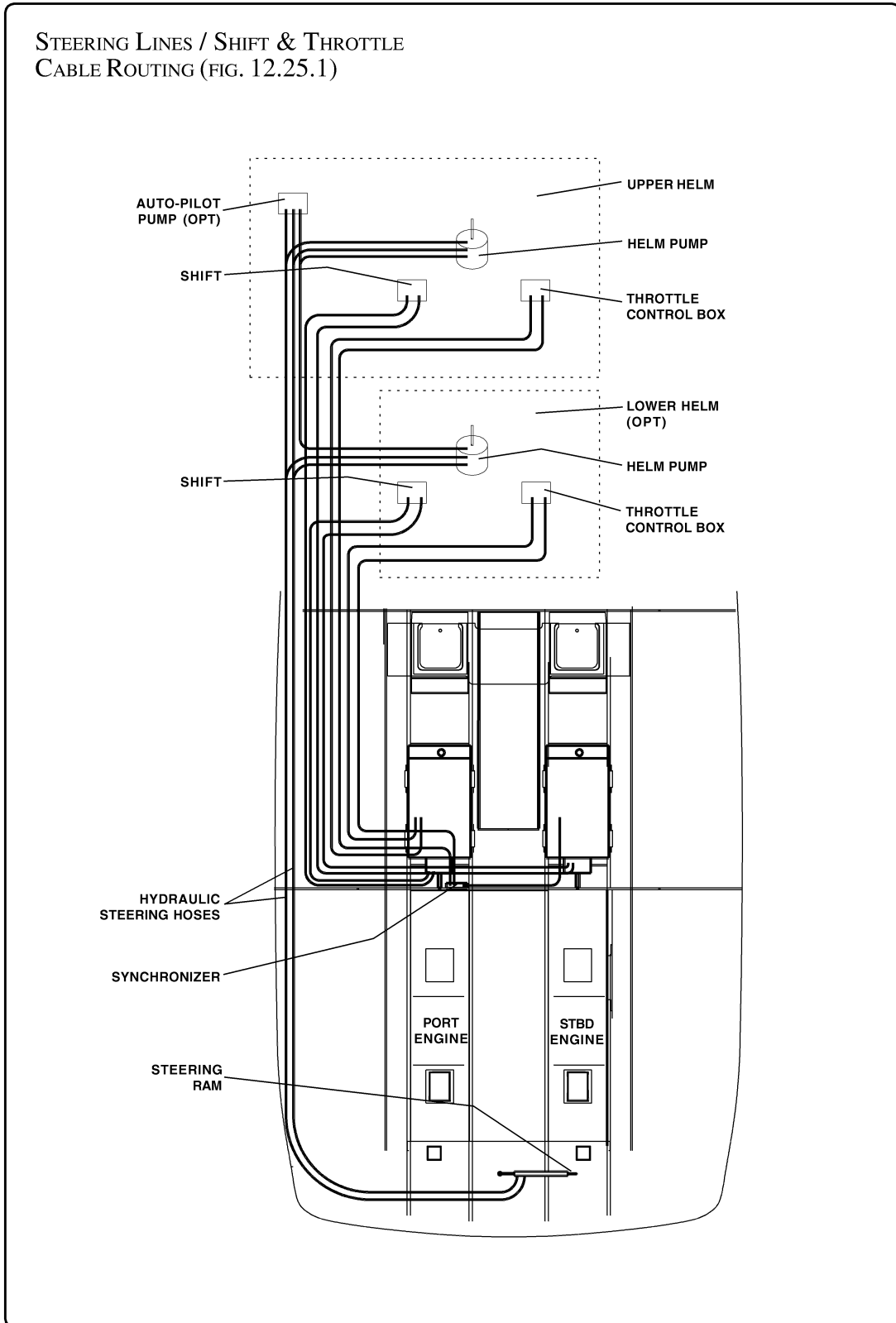




# Steering System

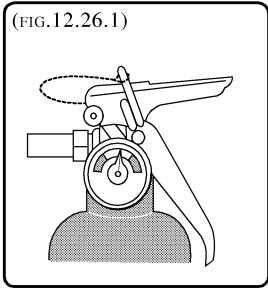
The 380 AC is equipped with a hydraulic steering system with tilt steering wheel.

REFER TO THE ORIGINAL EQUIPMENT MANUAL IN THE OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



# FIRE EXTINGUISHING SYSTEM

(FIG.12.26.1)



The 380 AC is offered with the standard automatic fire extinguishing system. Your boat also needs to be equipped with approved portable fire extinguishers. It is your responsibility to equip and maintain fire extinguishers.

Following are United States Coast Guard (USCG) requirements and American Boat & Yacht Council (ABYC) recommendations for boats not equipped with the automatic fire extinguishing system option for boats over 26 feet (4.9 meters) but less than 40 feet (7.9 meters).

**⚠ WARNING**

- In case of fire **DO NOT** open engine box or compartment.
- Shut down engines, generator and blowers.

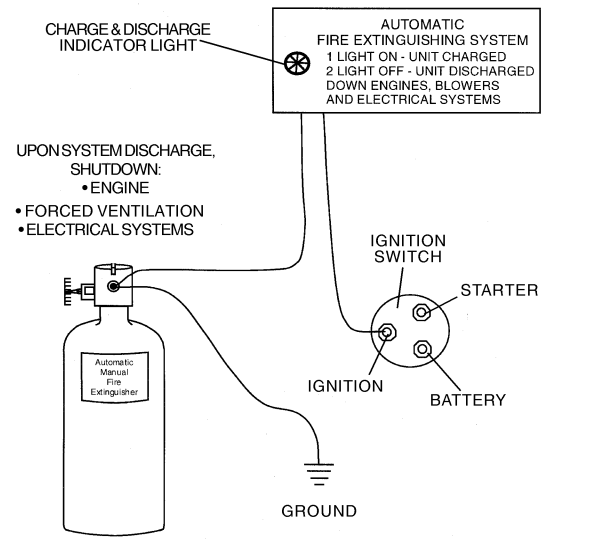
Standard	Boat	No Fixed System Qty.	W/Approved Fixed System Qty.	Type
USCG	380 AC	2	1	B1
ABYC	380 AC	3	2	B1

Location: Outside engine compartment, steering position and galley, or passenger cockpit.

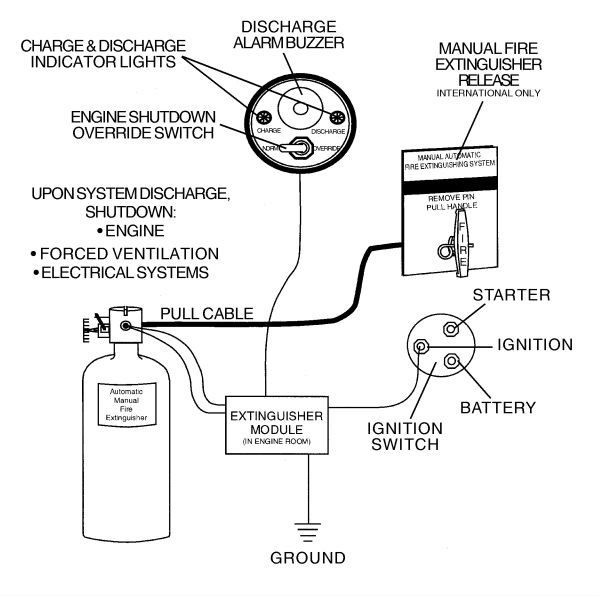
Note: To be ABYC compliant Sea Ray Boats, Inc. follows ABYC construction standards and recommendations.

REFER TO OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

## AUTOMATIC FIRE EXTINGUISHER SYSTEM (GAS SYSTEM) (FIG. 12.26.2)



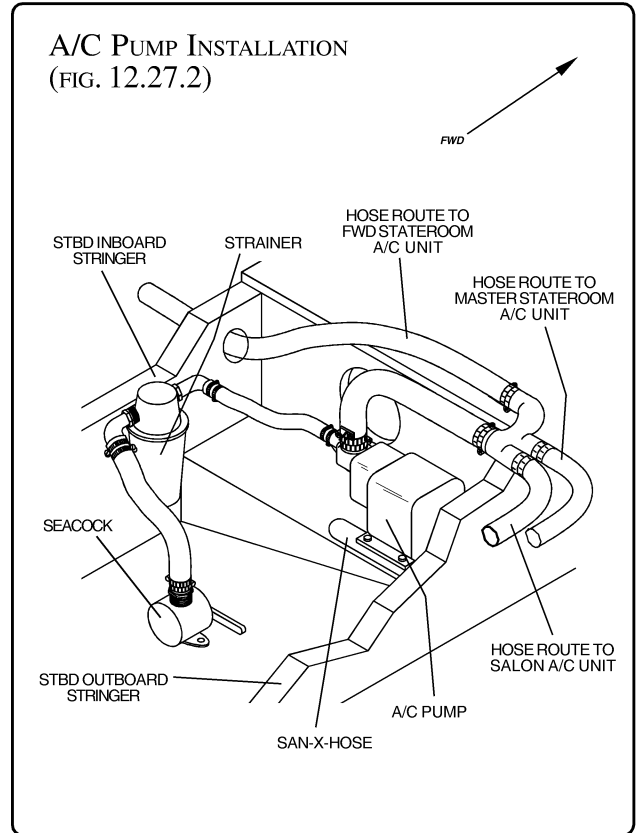
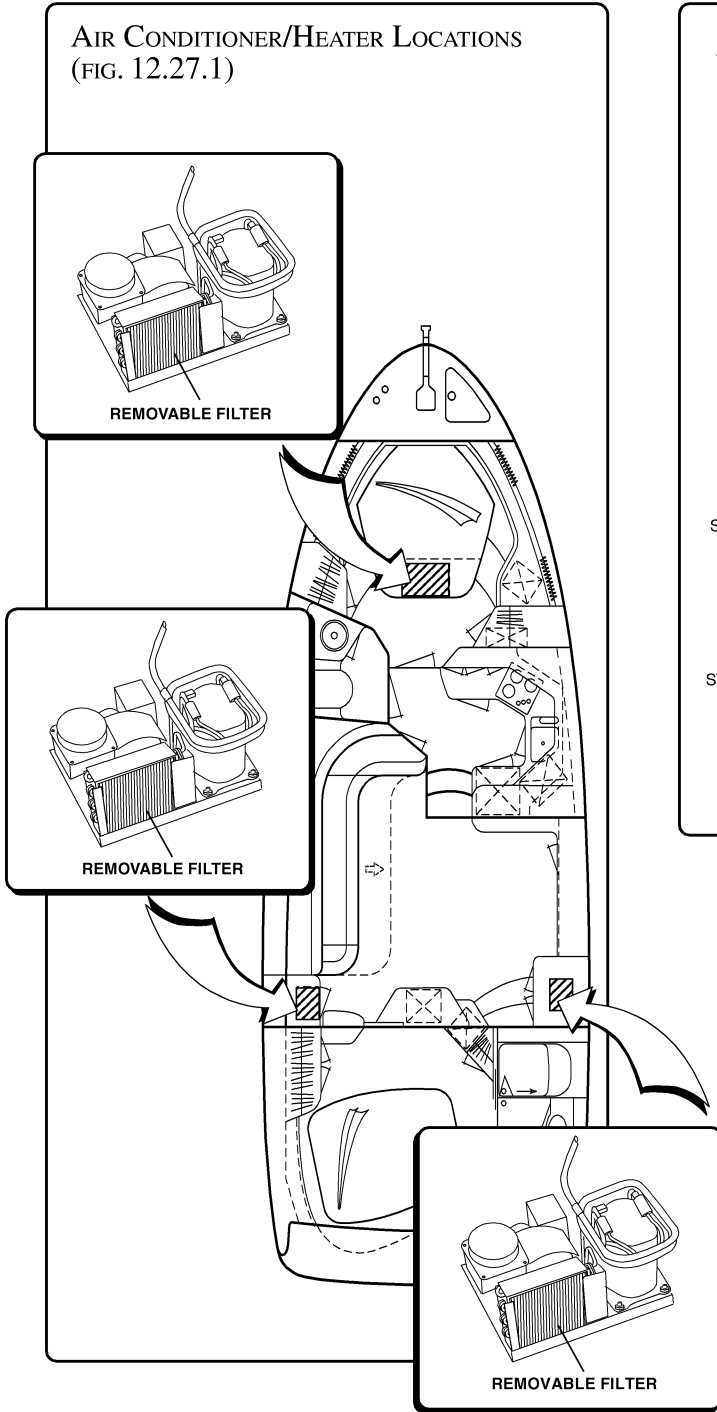
## AUTOMATIC FIRE EXTINGUISHER SYSTEM (DIESEL SYSTEM) (FIG. 12.26.3)



# AIR CONDITIONING & HEATING

The air conditioning/heating system installed in your Sea Ray® is of the size and capacity best suited for the size of your Sport Yacht.

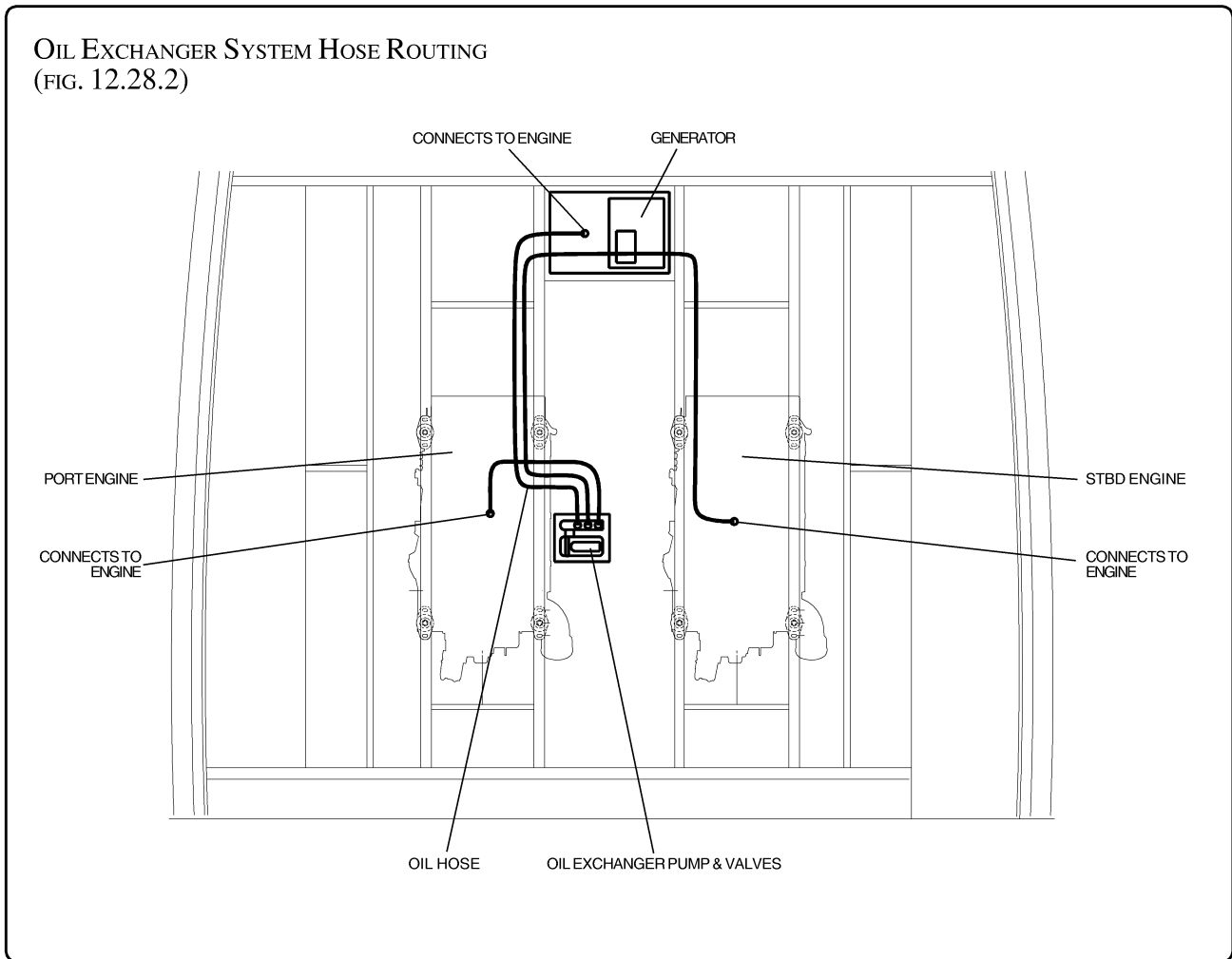
REFER TO THE ORIGINAL EQUIPMENT MANUAL IN THE OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



# Oil Exchanger System

The oil exchange system is located on the inboard port stringer.

REFER TO THE SPORT YACHT OWNER'S MANUAL FOR DETAILED OPERATING INSTRUCTIONS AND THE OWNER'S PACKET FOR MANUFACTURE LITERATURE & WARRANTY.



# Special Features

## Engine Cooling System

The engine cooling system consists of an internal integral system and an external system of seacocks, hoses and strainers. Refer to the *Owner's Manual, Section 2, Bilge & Underwater Gear* for instructions for seacocks and strainers.

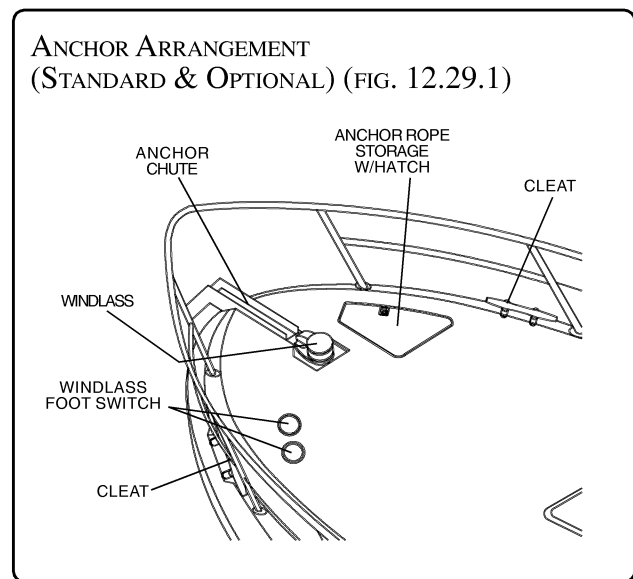
REFER TO THE ENGINE OWNER'S MANUAL FOR INSTRUCTIONS AND WARRANTY INFORMATION.

## Anchoring

To anchor, bring the bow into the wind or current and put the engine in neutral. When the vessel comes to a stop, lower, do not throw, the anchor over the bow. The anchor line should be 5 to 7 times the depth of water.

## Anchoring Arrangement

The 380 AC is equipped with a windlass and an anchor chute. Stow the anchor in the chute when not in use. A wash down faucet is located inside the rope locker. Note: Before using the anchor, be sure the anchor safety line is removed from the anchor and the anchor is secured to the windlass chain.



## Generator Information

Sea Ray® strongly urges you to fully comply with the manual provided by the generator manufacturer. The generator is warranted separately by the generator manufacturer, not Sea Ray®. Follow the recommended maintenance and warranty schedule in your Generator Operator's Manual included in the Owner's Manual Packet. Generator abuse or improper maintenance may adversely affect claims made under generator manufacturer's separate warranty.

### CAUTION

Do not run the generator in an enclosed area, such as a closed boat house, as there is a possibility of build-up and inhaling of carbon monoxide.

### DANGER

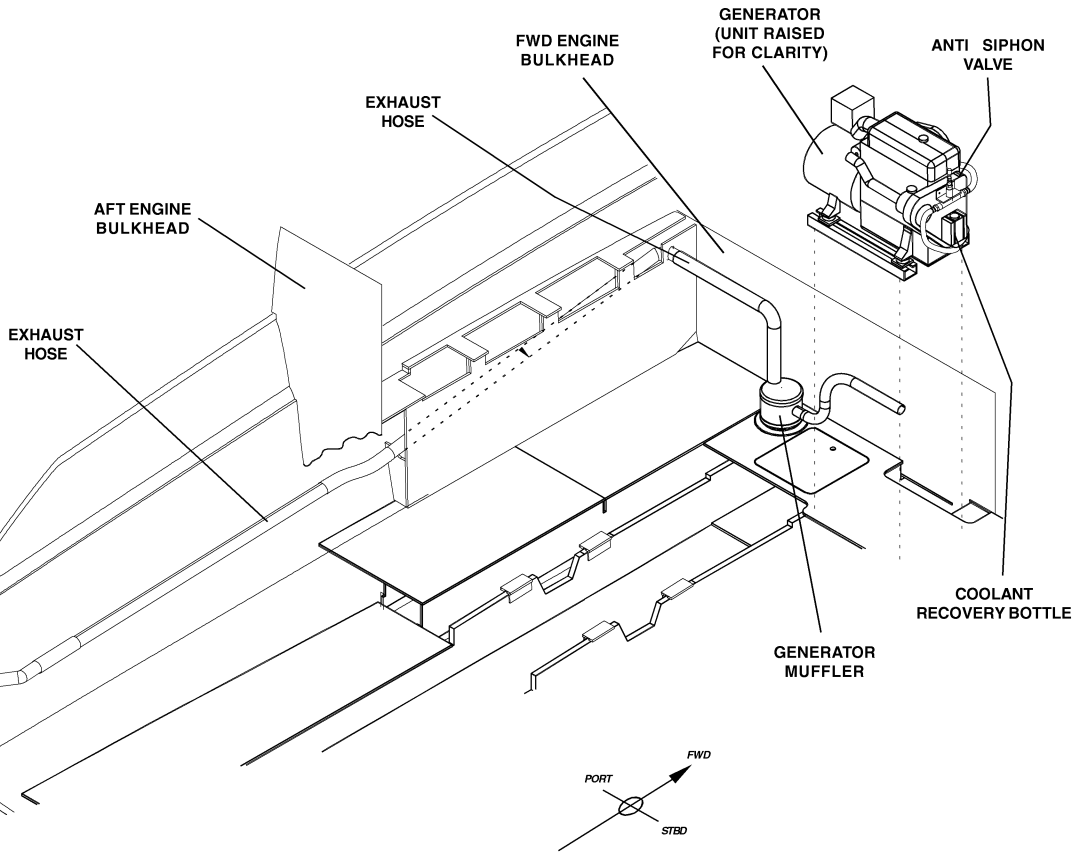
#### GASOLINE VAPORS CAN EXPLODE

#### Before Starting Generator:

- Check machinery compartment for gasoline vapors.
- Operate blower for four (4) minutes.

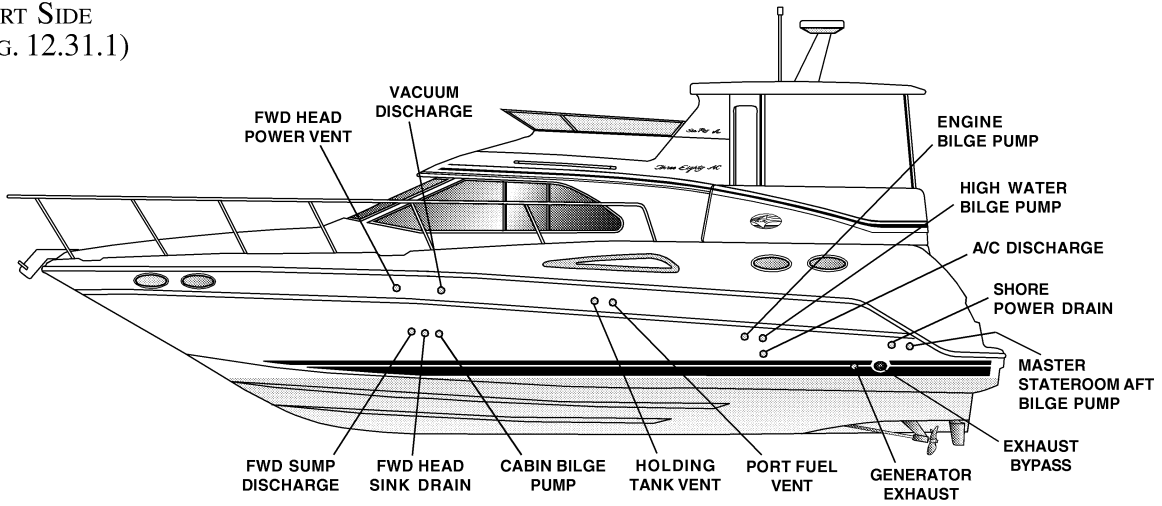
Run Blower At All Times When Generator Is Running.

GENERATOR SYSTEM  
(FIG. 12.30.1)

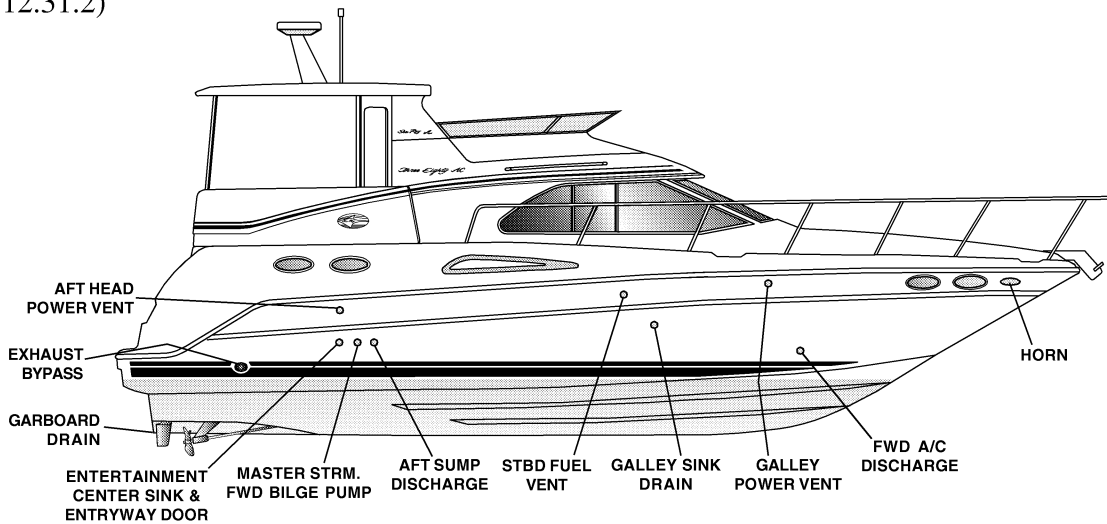


# Location of Through-Hull Fittings

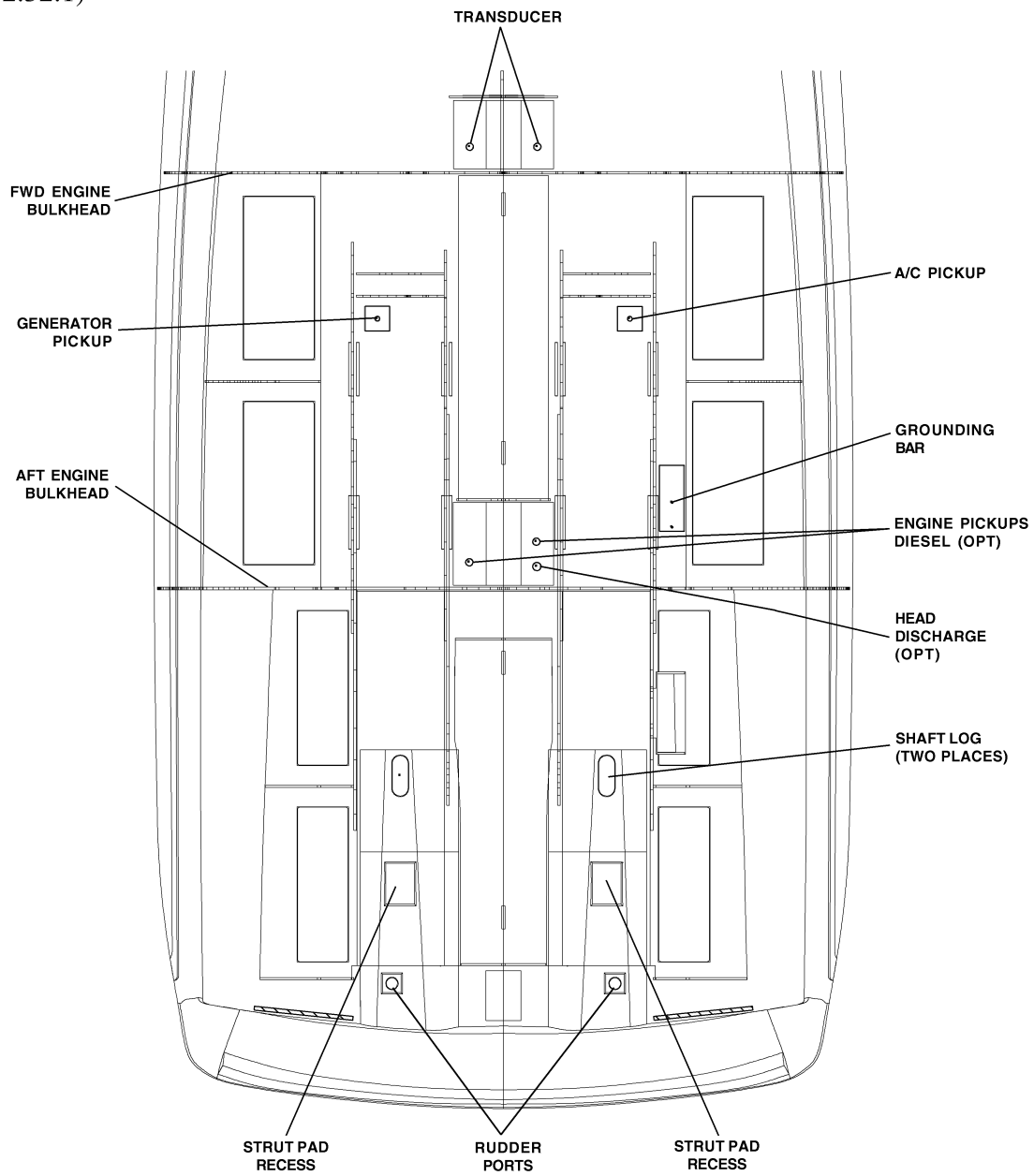
PORT SIDE  
(FIG. 12.31.1)



STARBOARD SIDE  
(FIG. 12.31.2)



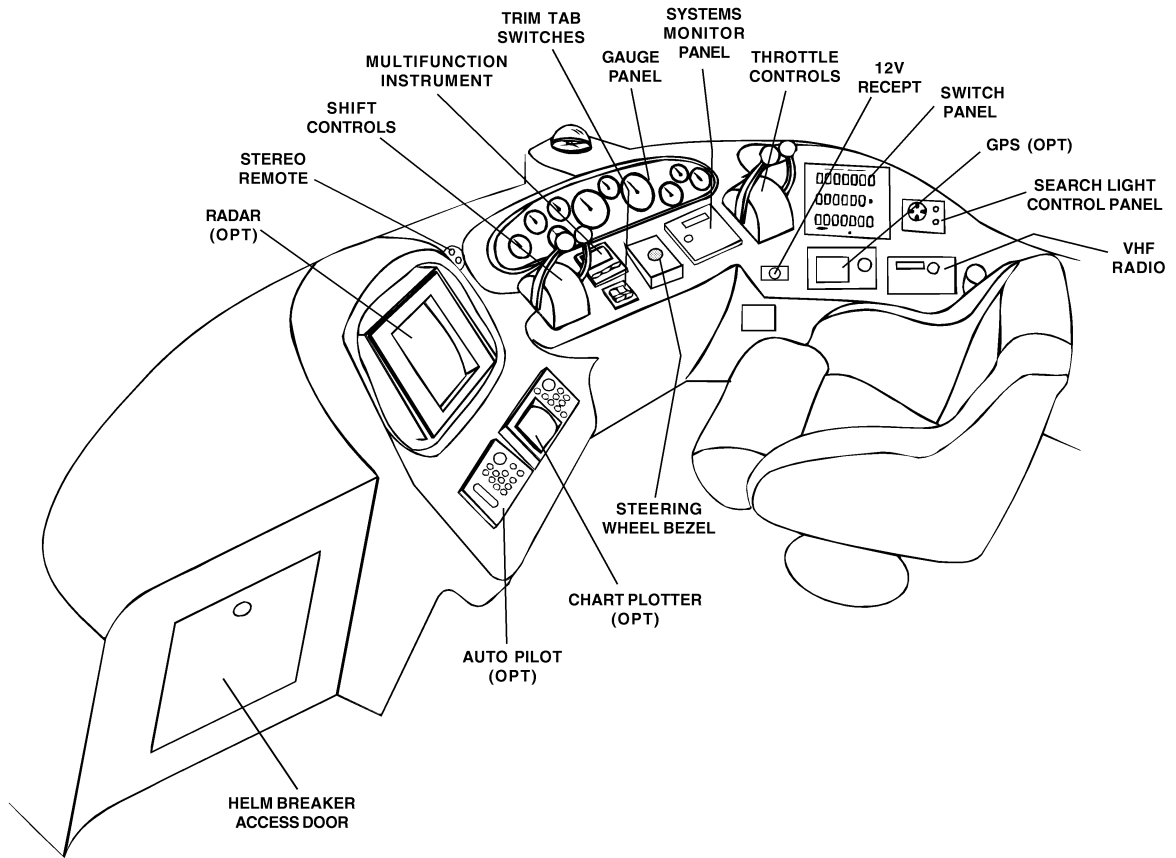
**BILGE HULL CUTOUTS**  
(FIG. 12.32.1)



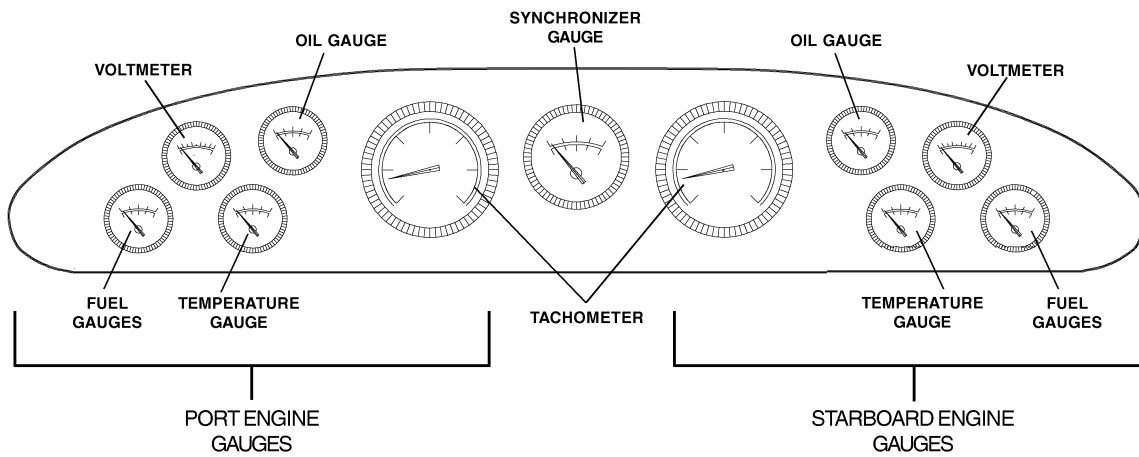


# Control Station Layout

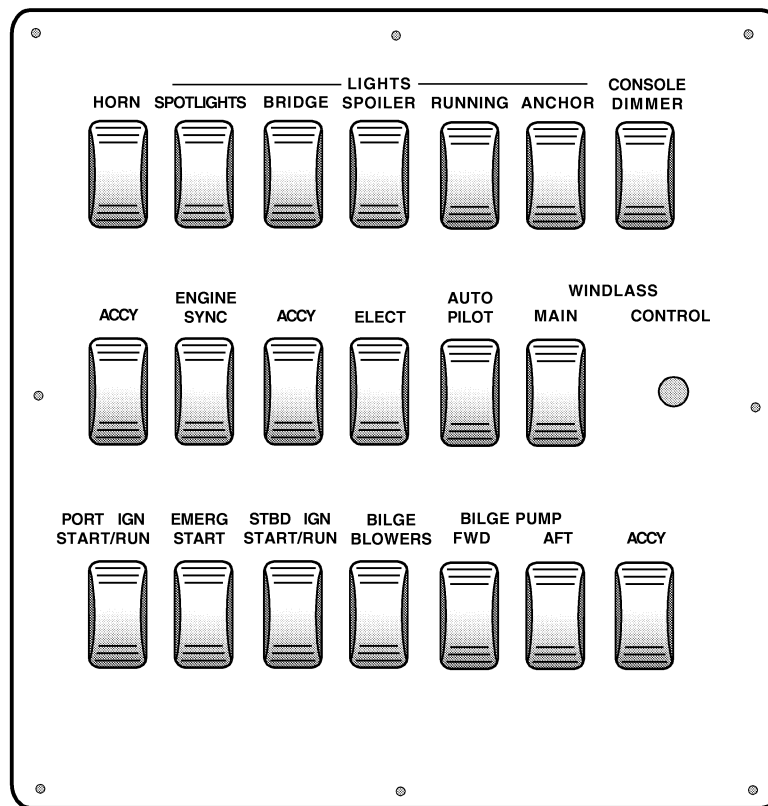
DASH LAYOUT  
(FIG. 12.33.1)



**GAUGE PANEL**  
(FIG. 12.34.1)



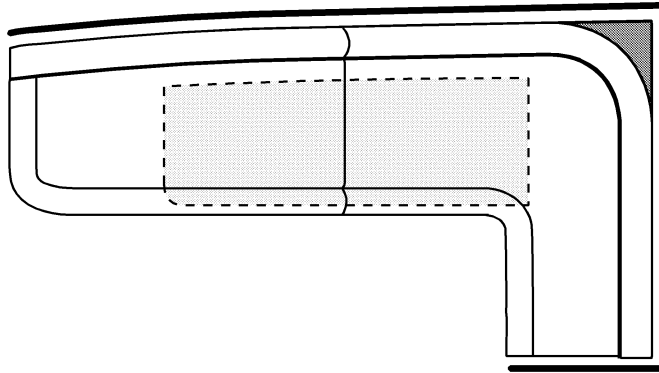
**SWITCH PANEL**  
(FIG. 12.34.2)



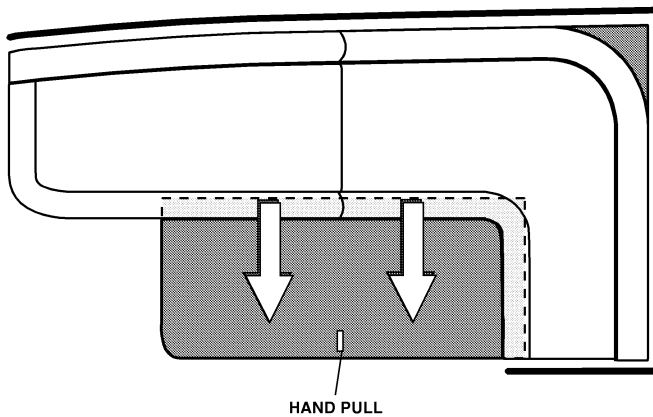
# Salon Sleeping Arrangements

**To convert the salon to a sleeper:**

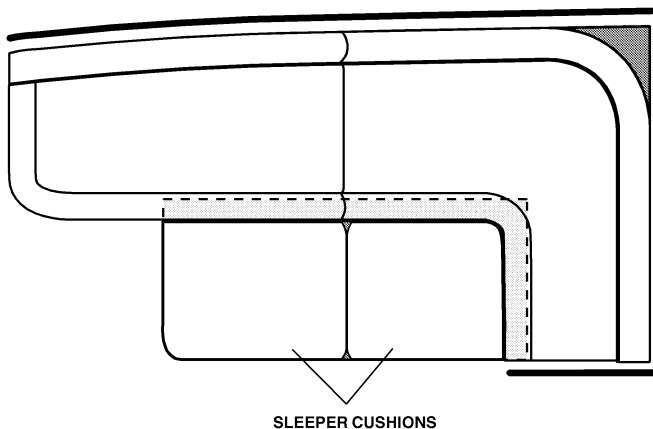
1. Salon sofa in normal position with sleeper board in stowed position. (figure 12.35.1)



2. Salon sofa with sleeper board pulled out. (figure 12.35.2)



3. Place sleeper cushions on sleeper board. (figure 12.35.3)



# Canvas Information

## CANVAS

REFER TO OWNER'S MANUAL PACKET FOR CANVAS MANUFACTURER INSTRUCTIONS AND WARRANTY INFORMATION.

Attached to the inside of the bimini top is a DANGER tag for Carbon Monoxide Gas (CO) buildup and a WARNING tag for excessive speeds while canvas is installed. The Aft Curtain also has a WARNING tag stating "The Aft Curtain is not designed to be used while engine is running or boat is underway". If your canvas does not have these tags, they become lost or are unable to be read, contact your dealer for replacement labels.

**! DANGER**  
EXHAUST FUMES FROM ENGINES  
CONTAIN DEADLY  
CARBON MONOXIDE GAS (CO)  
BOATS WITH CANVAS OR POOR  
VENTILATION ARE MOST LIKELY TO  
COLLECT FUMES. DO SICKNESS  
SYMPTOMS INCLUDE HEADACHE,  
NAUSEA AND DIZZINESS. DO NOT  
MISTAKE FOR SEA SICKNESS.  
VENTILATE BOAT. SEE BOAT OWNER'S  
MANUAL FOR MORE DETAILS.

**! WARNING**  
SUNSHADE SHOULD  
NOT BE USED WHEN  
VESSEL SPEED EXCEEDS  
45 MPH

**! WARNING**  
THE AFT CURTAIN IS NOT  
DESIGNED TO BE USED  
WHILE ENGINE IS RUNNING  
OR BOAT IS UNDERWAY

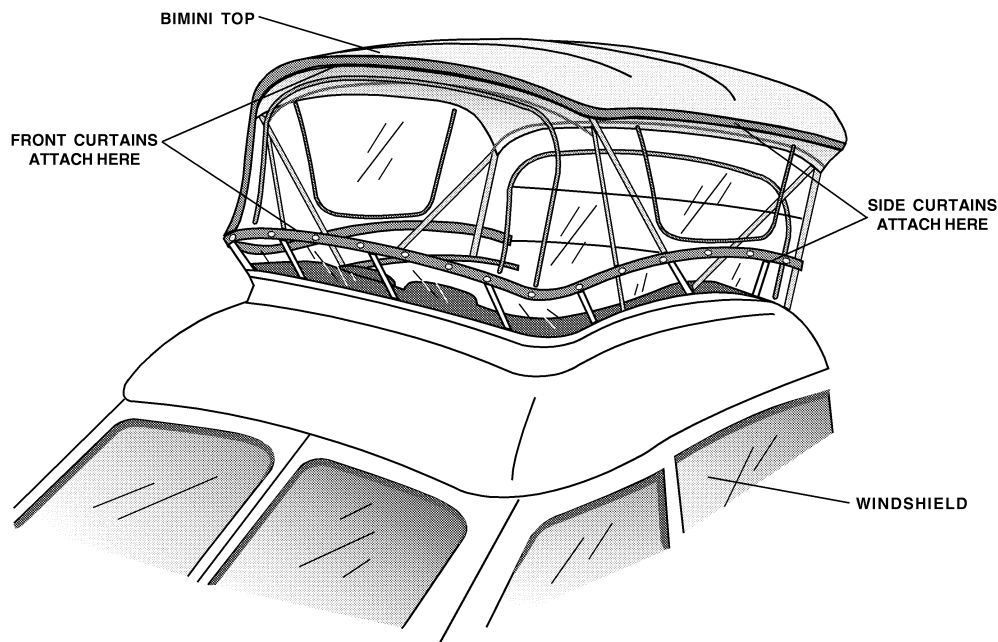
Your Sea Ray® boat canvas set consists of the following pieces:

Standard Canvas Package:  
Bimini Top & Boot  
Bimini Enclosure  
Windshield Cover  
Windshield Shades  
Aft Deck Full Enclosure  
Canvas Storage Bag

Optional Canvas:  
Bridge Cover  
Aft Deck Screen  
Enclosure

### Sport Yacht Canvas Placement

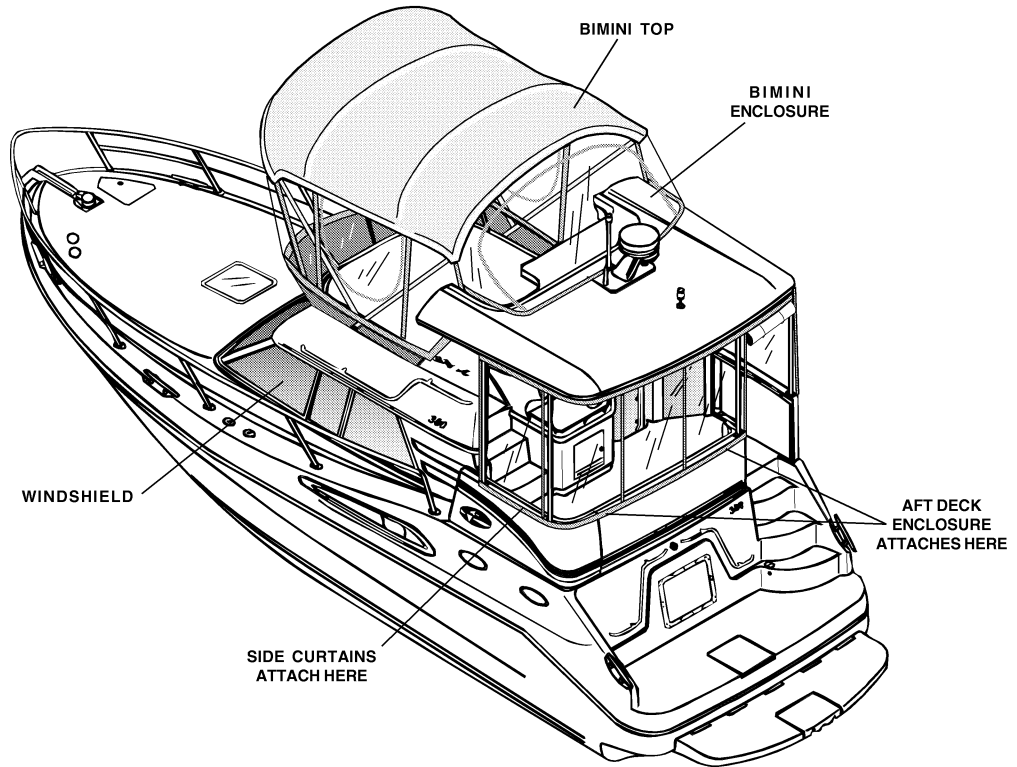
(Note: Your Sport Yacht May Not Be Equipped With All Of The Canvas Shown)  
(fig. 36.1)



**Sport Yacht Canvas Package**

*(Note: Your Sport Yacht May Not Be Equipped With All Of The Canvas Shown)*

(fig. 37.1)

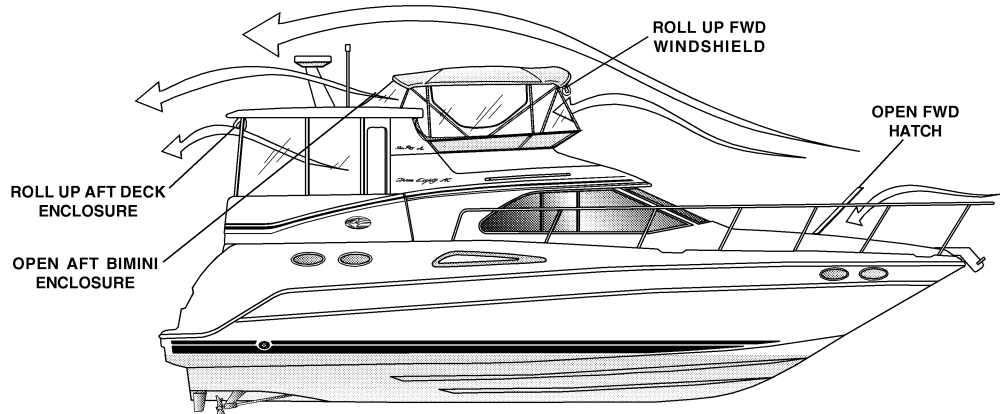


**WARNING**

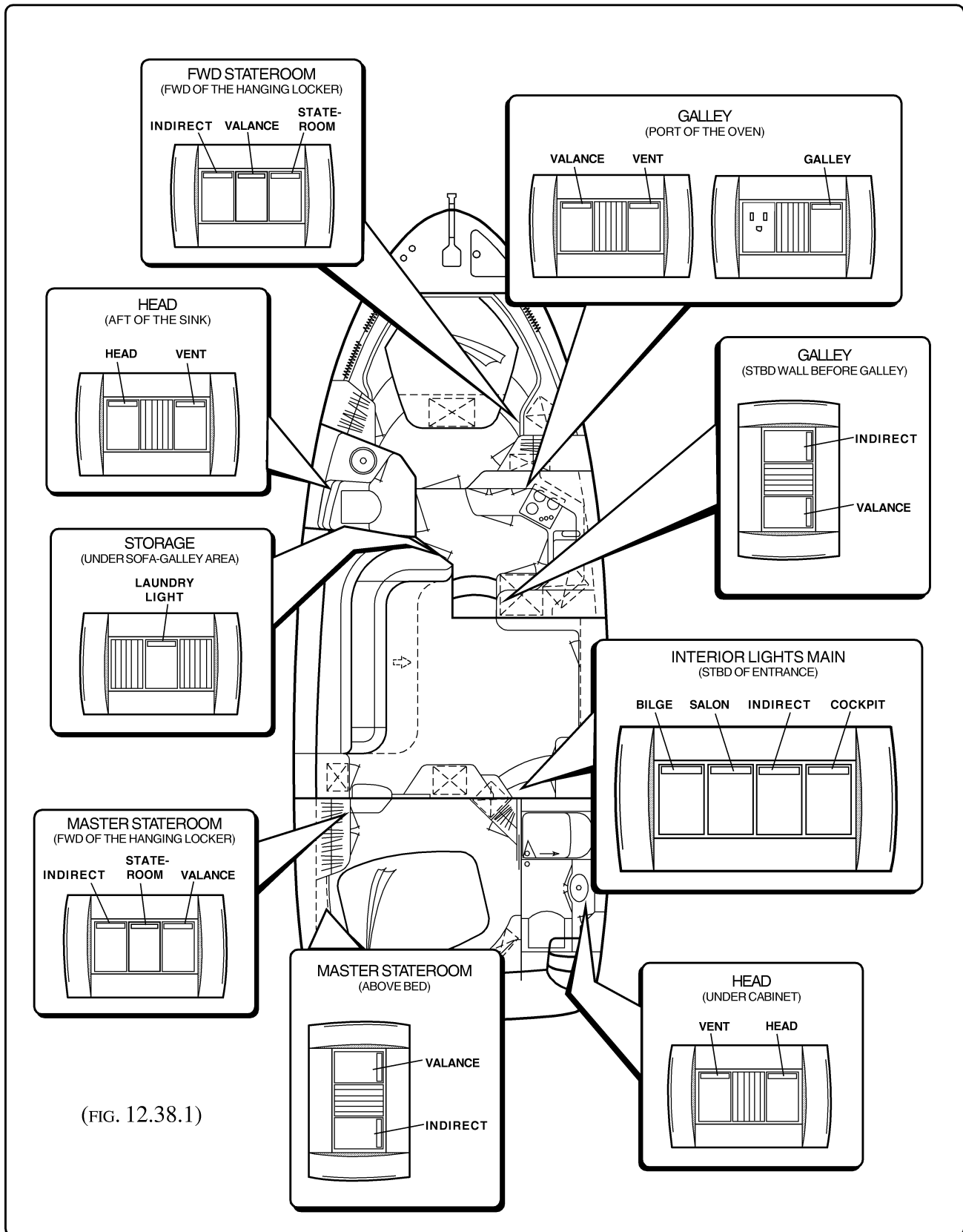
To Avoid Entrapment Of Carbon Monoxide Gas,  
Open Bimini Enclosure & Aft Deck Enclosure  
Before Starting Engine and Operating Vessel .

**Proper Ventilation**

(fig. 37.2) (Refer To Fig. 1.32-1.33)



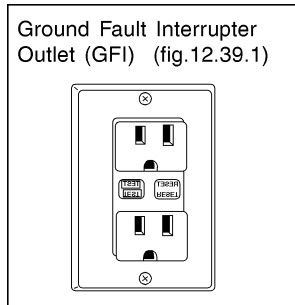
# Cabin & Cockpit Switch Location & Function



(FIG. 12.38.1)

# Ground Fault Interrupter (GFI) Outlets

## Ground Fault Interrupter (GFI) Outlet Locations & Associated Loads



Refer to the electrical system section of the owner's manual for operation and function information of the GFI's.

If any of the accessories on your boat fail to turn on, check the associated GFI outlet breaker first.

### GFI Location

A: Inside forward head upper cabinet.

B: Inside galley, lower forward cabinet.

C: Inside aft head, upper cabinet.

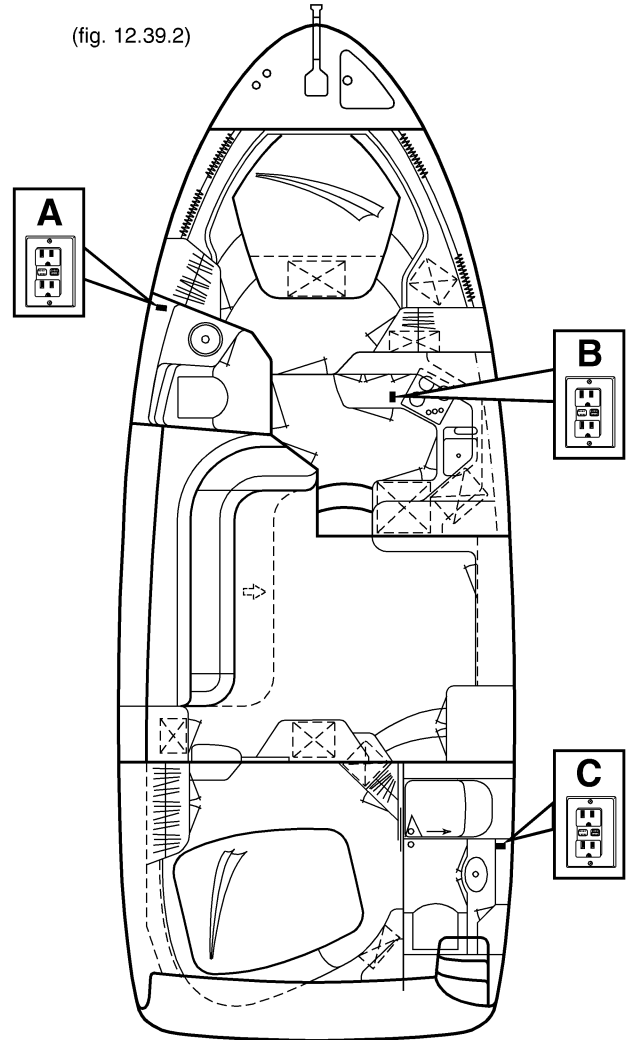
### Associated Loads

- Head Receptacle
- Port V-Berth Receptacle
- Central Vacuum System
- Port Aft Berth Receptacle

- Fwd Galley Receptacle
- Galley Light
- Coffee Maker
- Aft Galley Receptacle

- Head Receptacle
- Aft Berth Bunk Receptacle
- Cockpit Receptacle
- Salon TV
- Aft Berth TV
- V-Berth TV

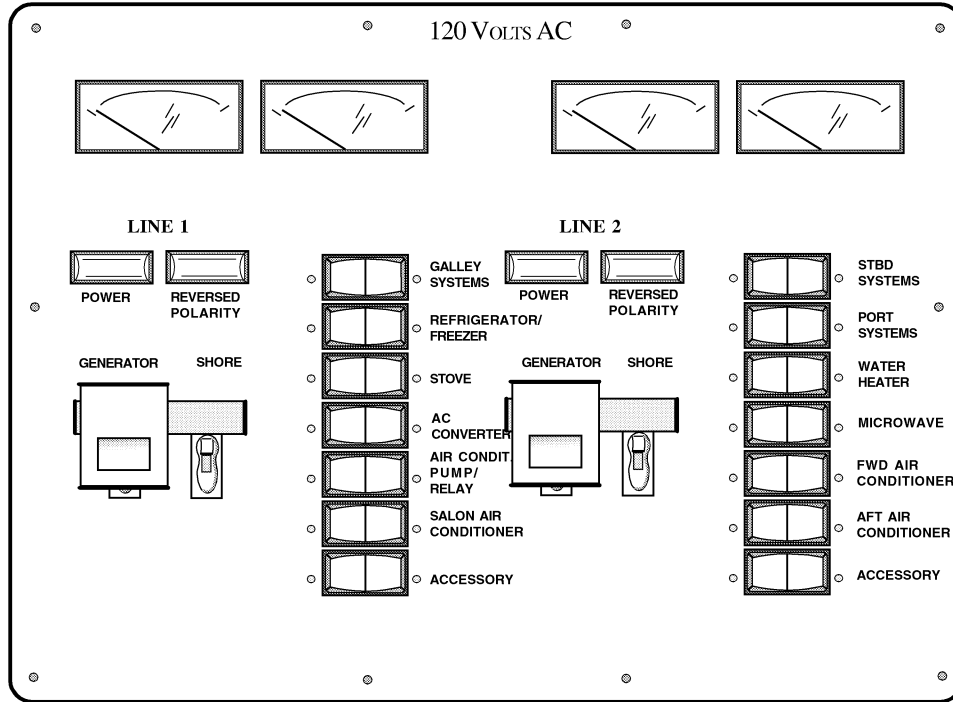
(fig. 12.39.2)



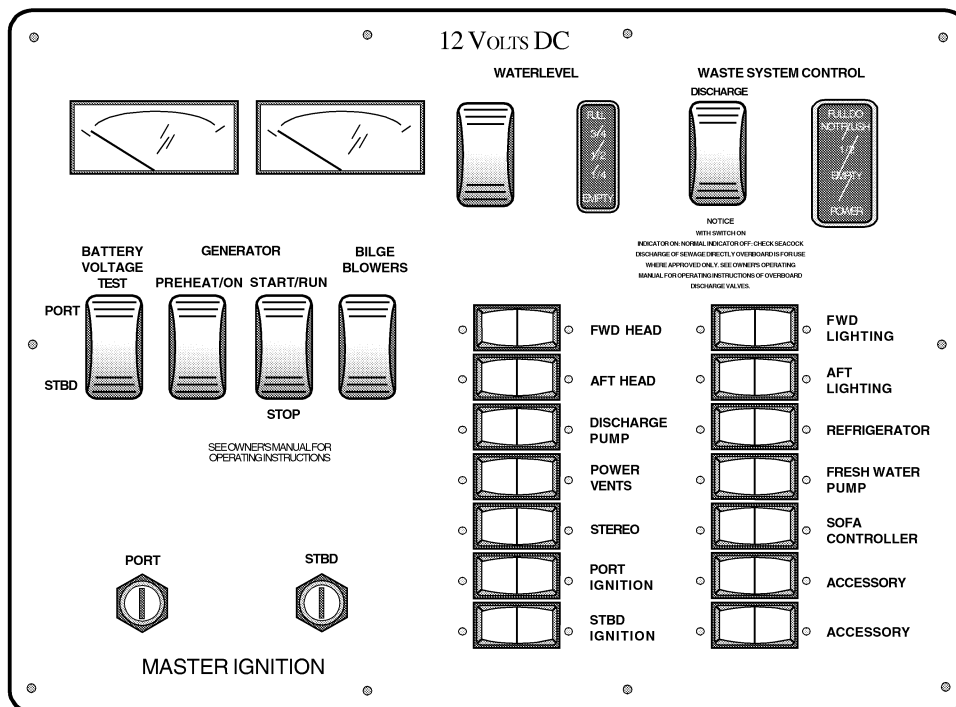
# AC/DC Main Distribution Panels

(120 Volts AC & 12 Volts DC)

(FIG. 12.40.1)



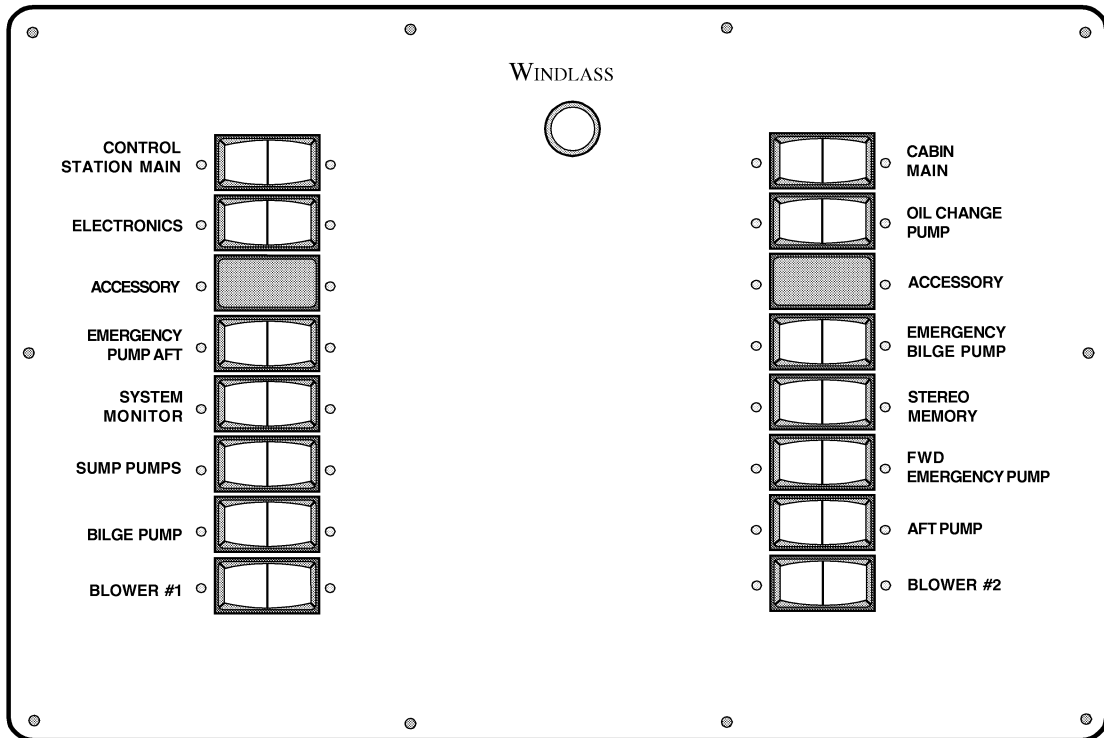
(FIG. 12.40.2)





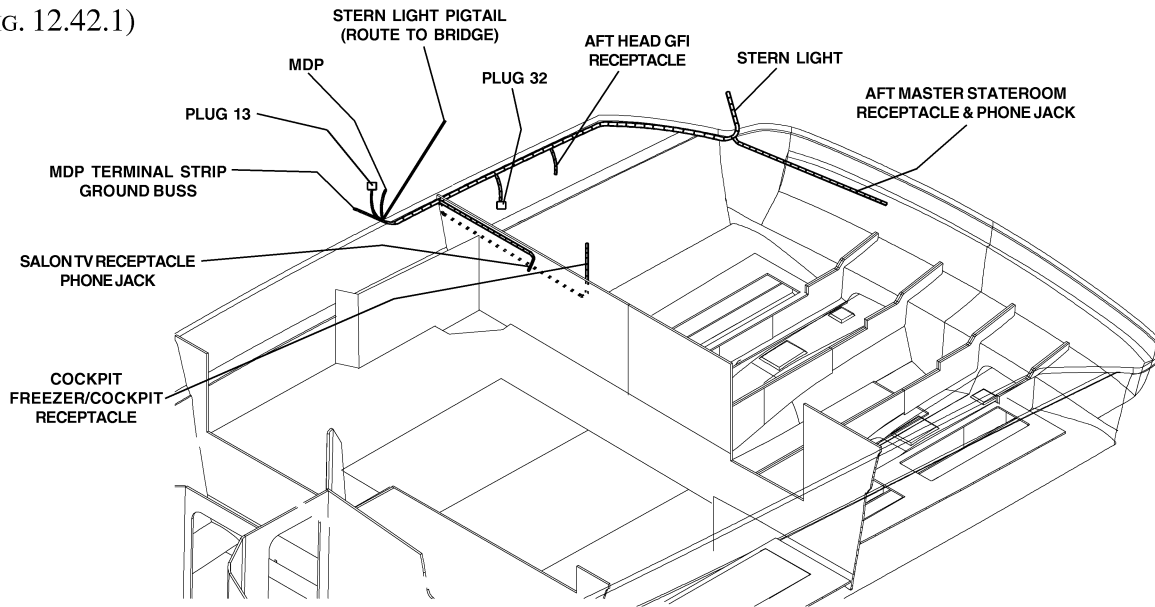
# Main DC Breaker Panel

(FIG. 12.41.1)

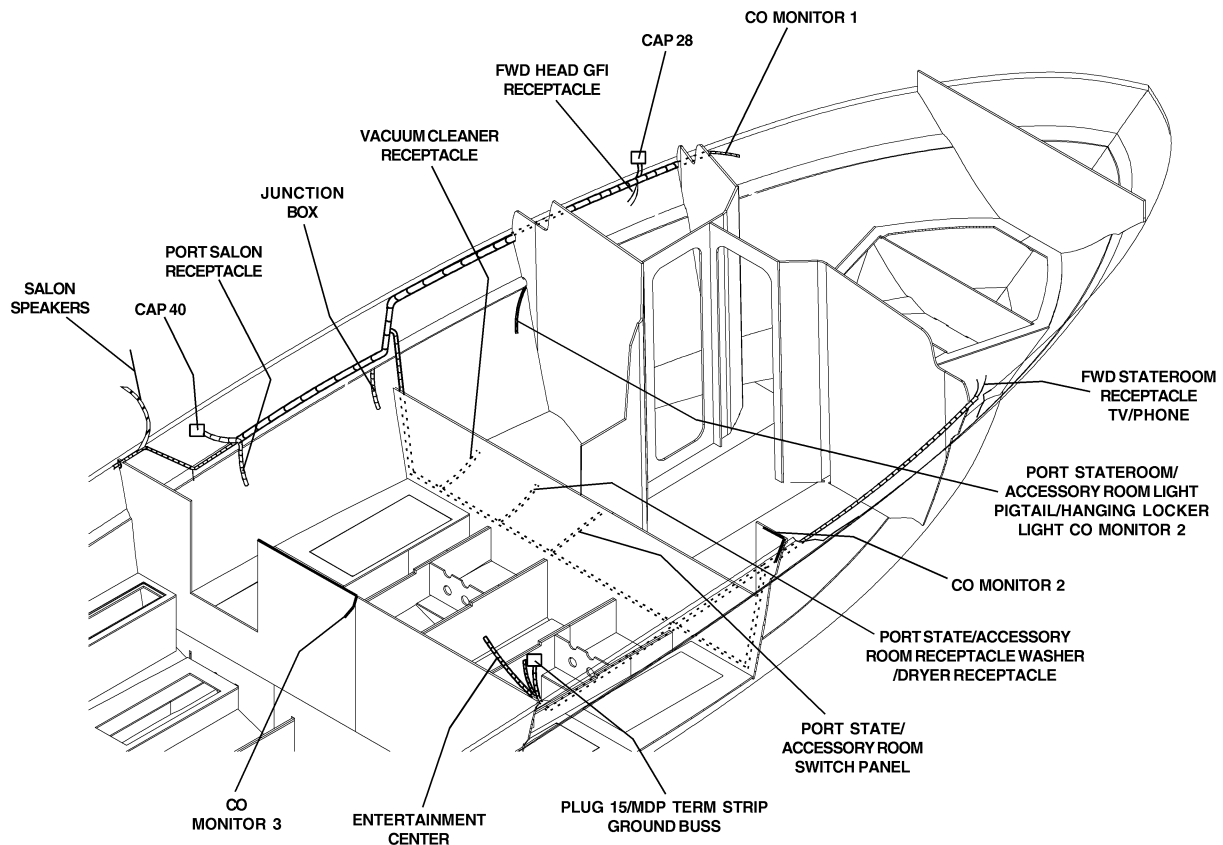


# Cabin Harness Installation

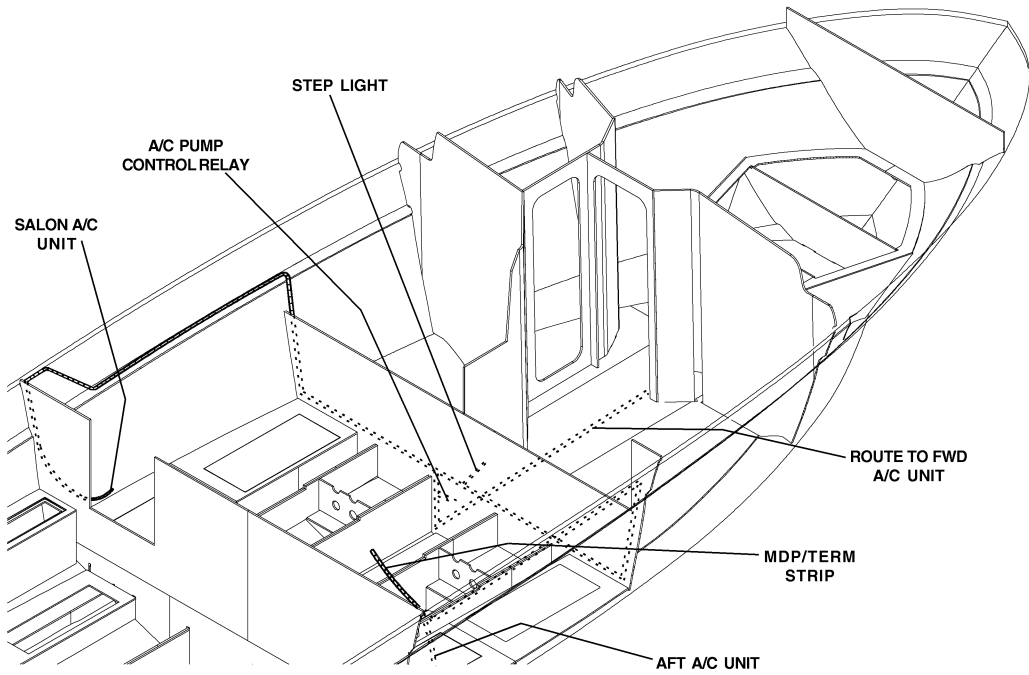
STBD VIEW  
(FIG. 12.42.1)



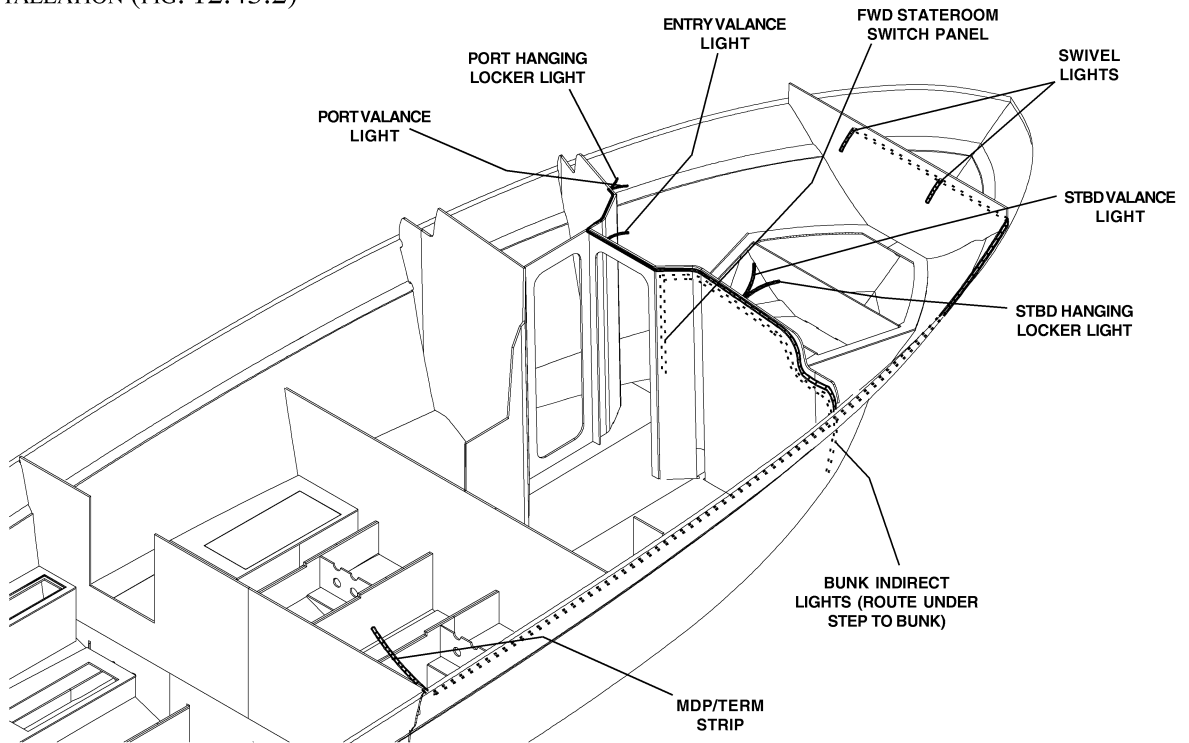
PORT VIEW  
(FIG. 12.42.2)



CABIN SUBFLOOR HARNESS  
INSTALLATION (FIG. 12.43.1)

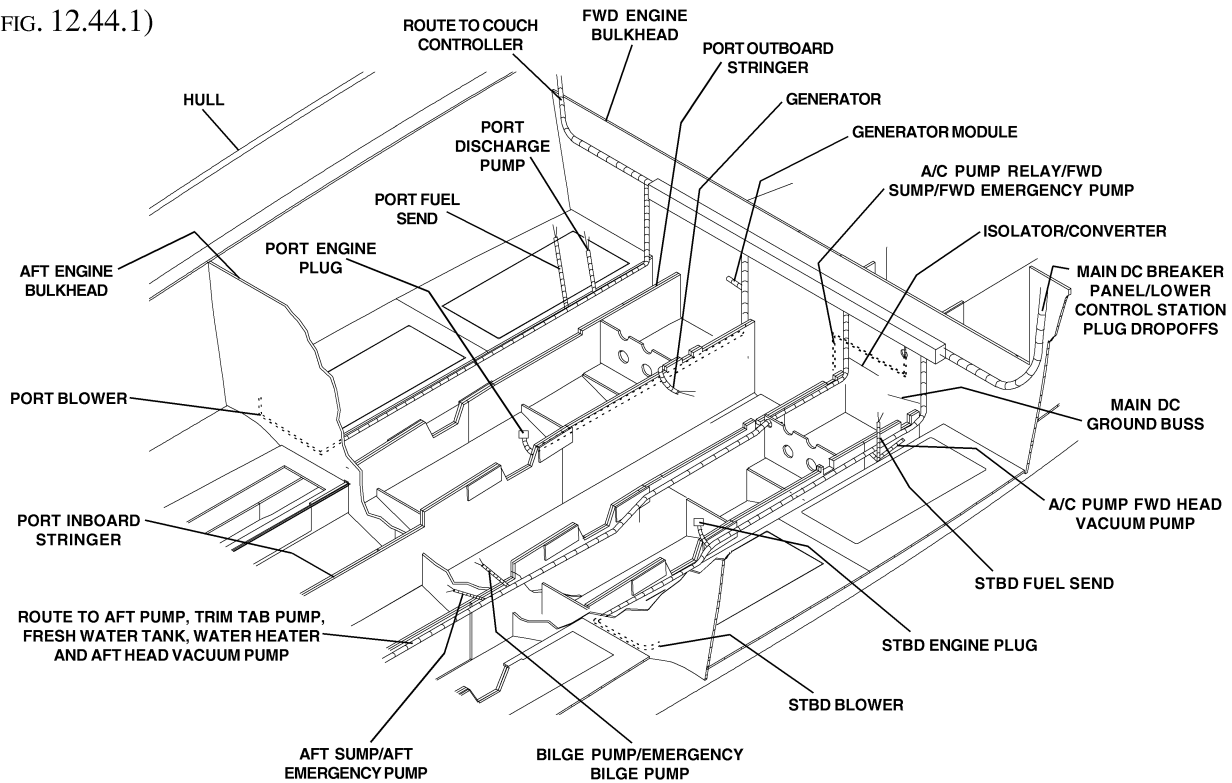


FWD STATEROOM HARNESS  
INSTALLATION (FIG. 12.43.2)

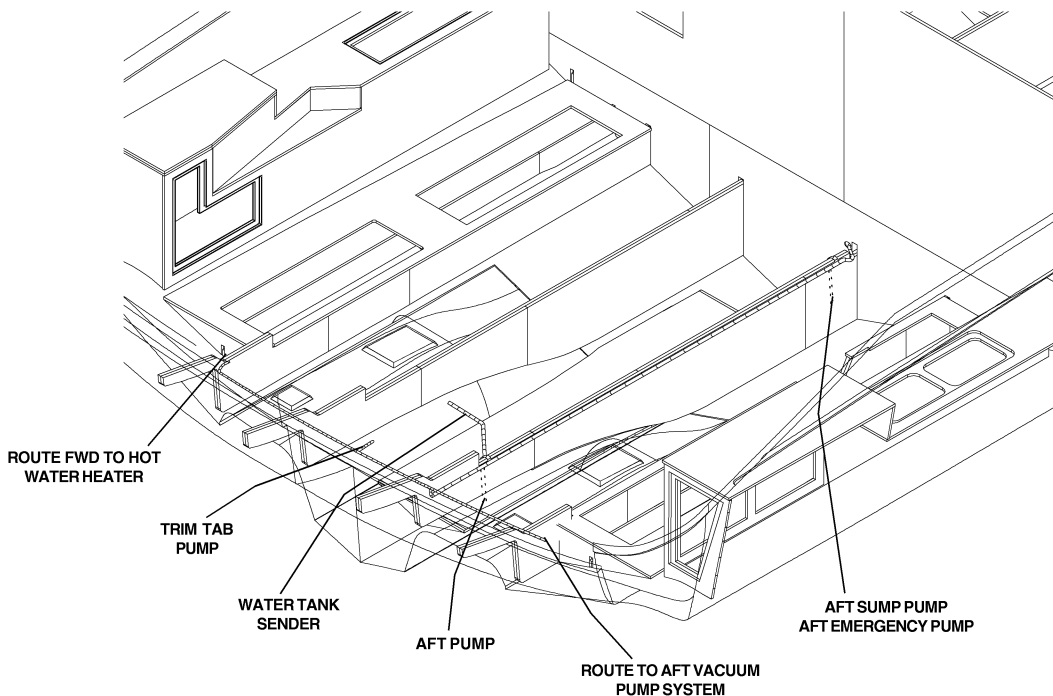


# Harness Installation

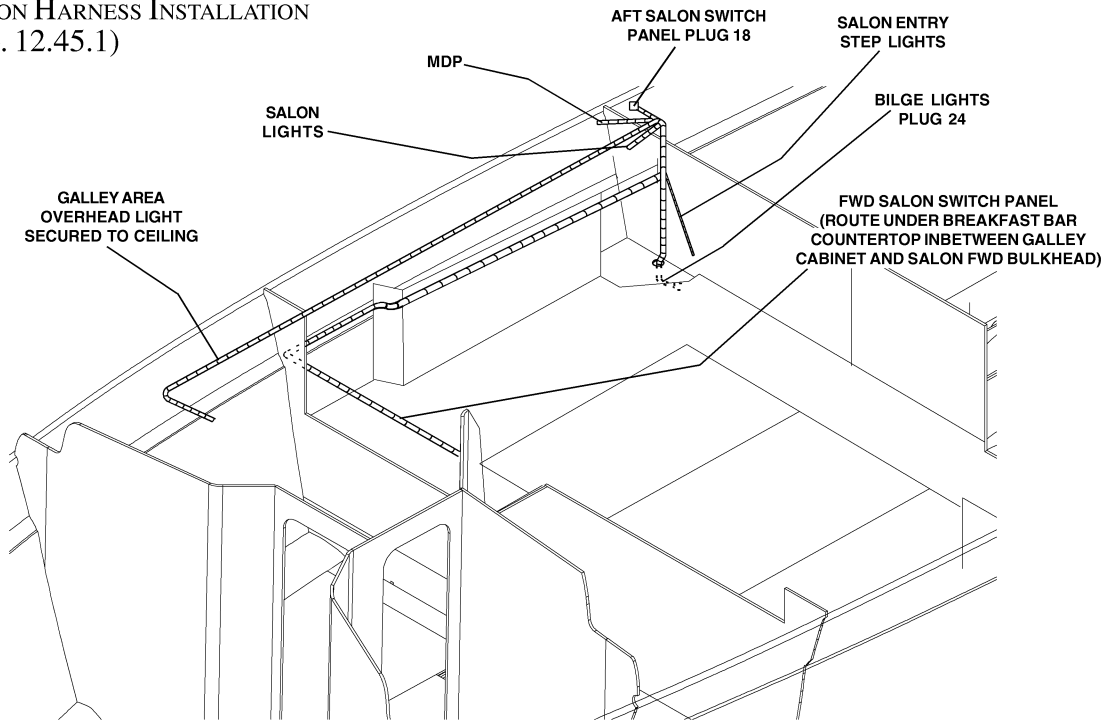
**BILGE HARNESS INSTALLATION**  
(FIG. 12.44.1)



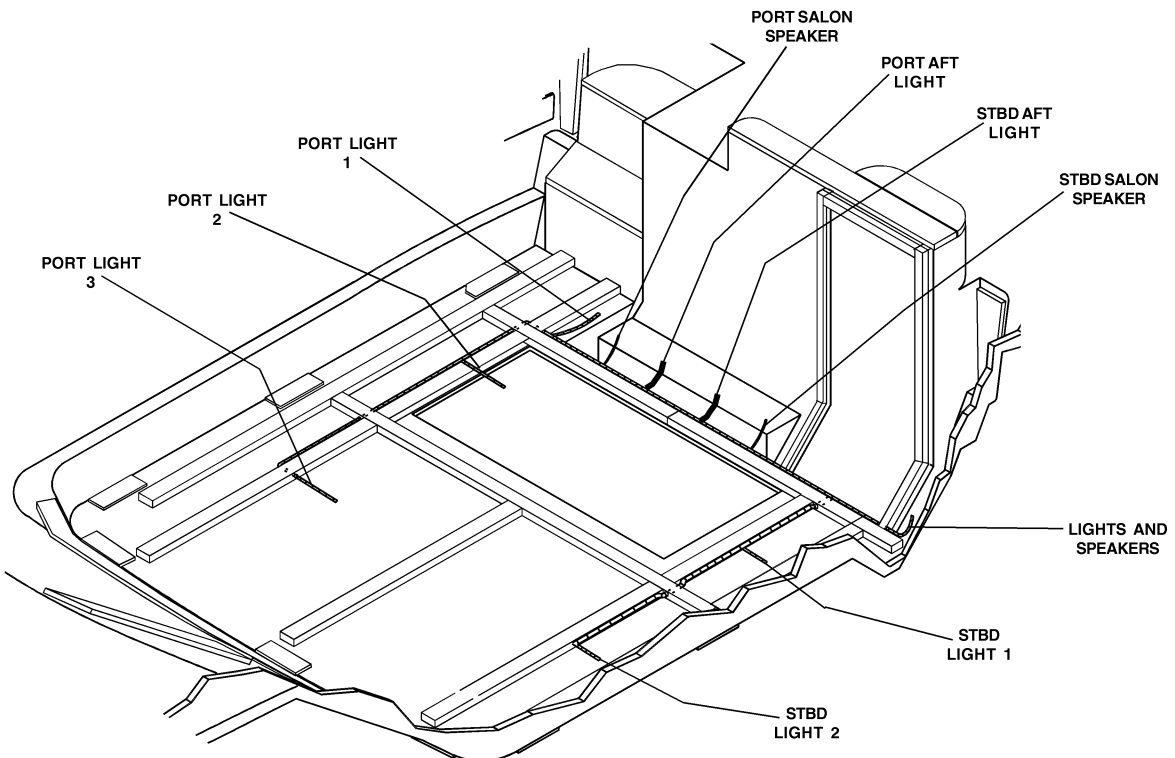
(FIG. 12.44.2)



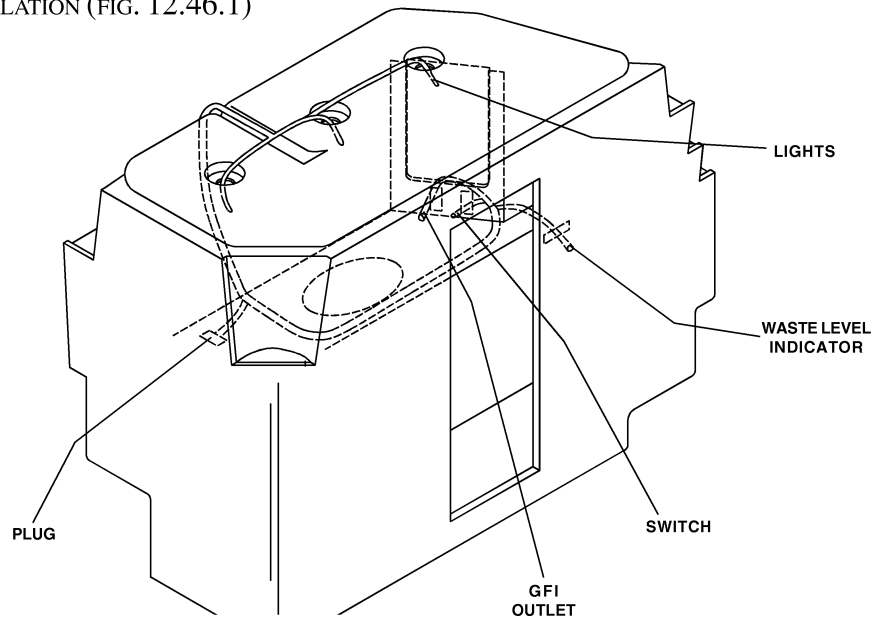
SALON HARNESS INSTALLATION  
(FIG. 12.45.1)



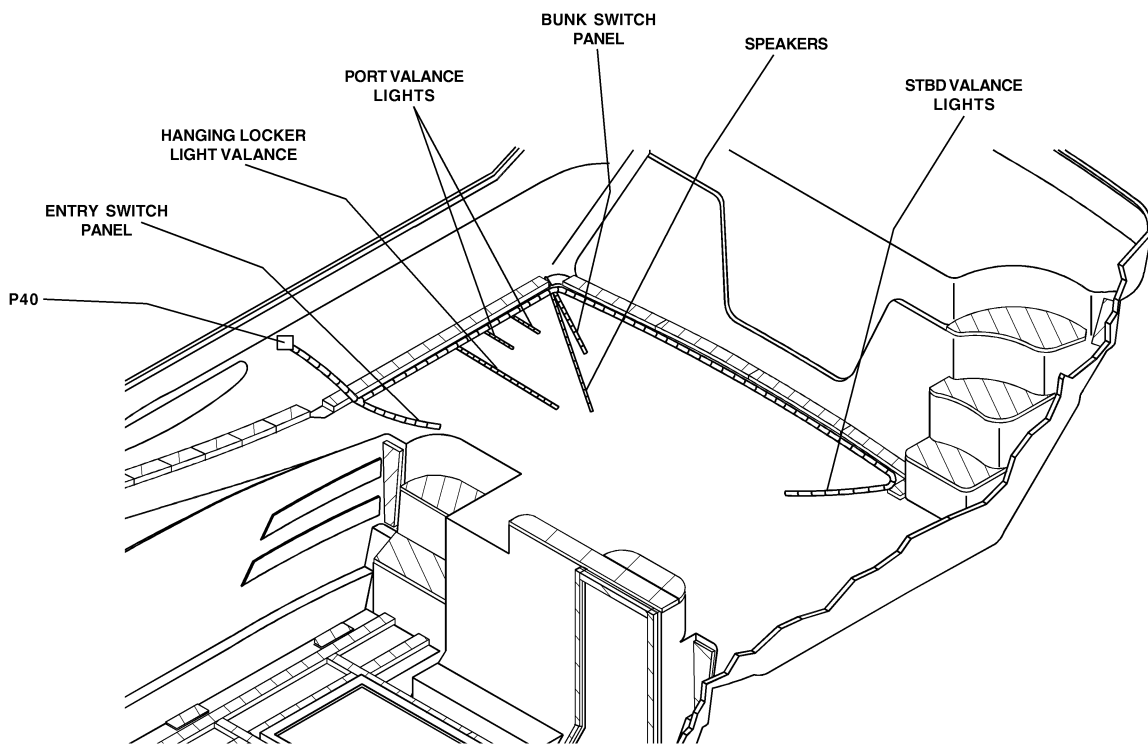
SALON LIGHTS HARNESS INSTALLATION  
(FIG. 12.45.2)



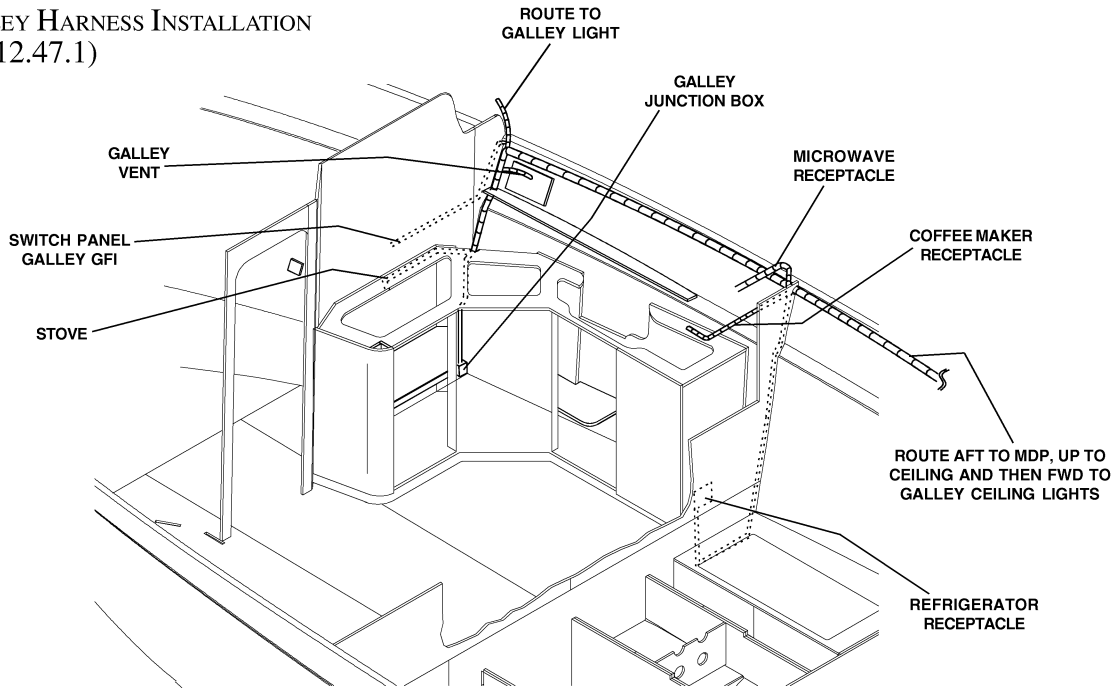
AFT MASTER STATEROOM HEAD  
HARNESS INSTALLATION (FIG. 12.46.1)



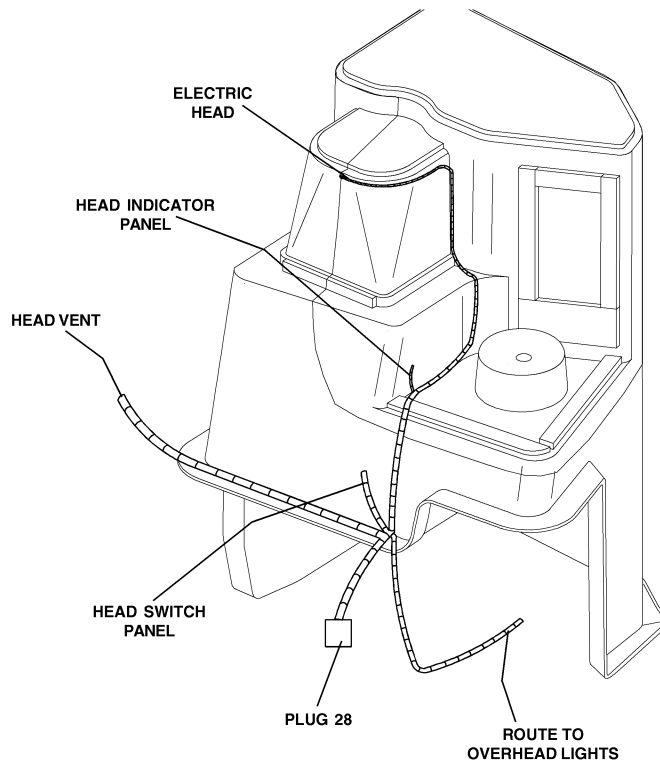
AFT MASTER STATEROOM HARNESS  
INSTALLATION (FIG. 12.46.2)



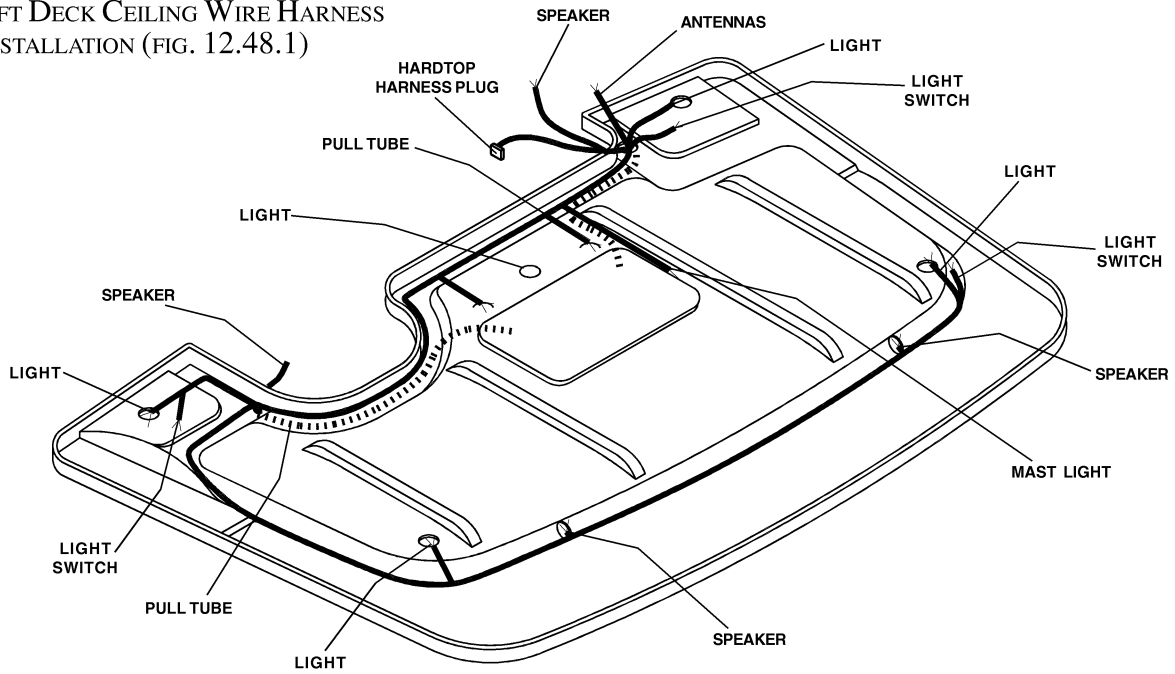
**GALLEY HARNESS INSTALLATION**  
(FIG. 12.47.1)



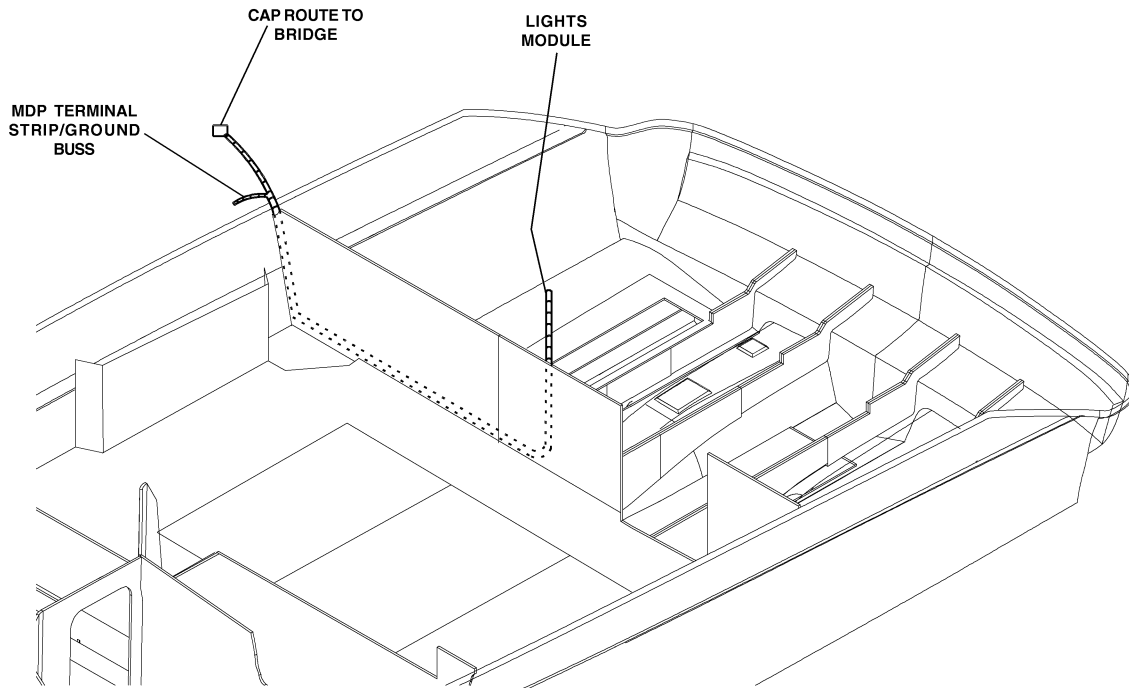
**FWD HEAD HARNESS INSTALLATION**  
(FIG. 12.47.2)



**AFT DECK CEILING WIRE HARNESS  
INSTALLATION (FIG. 12.48.1)**

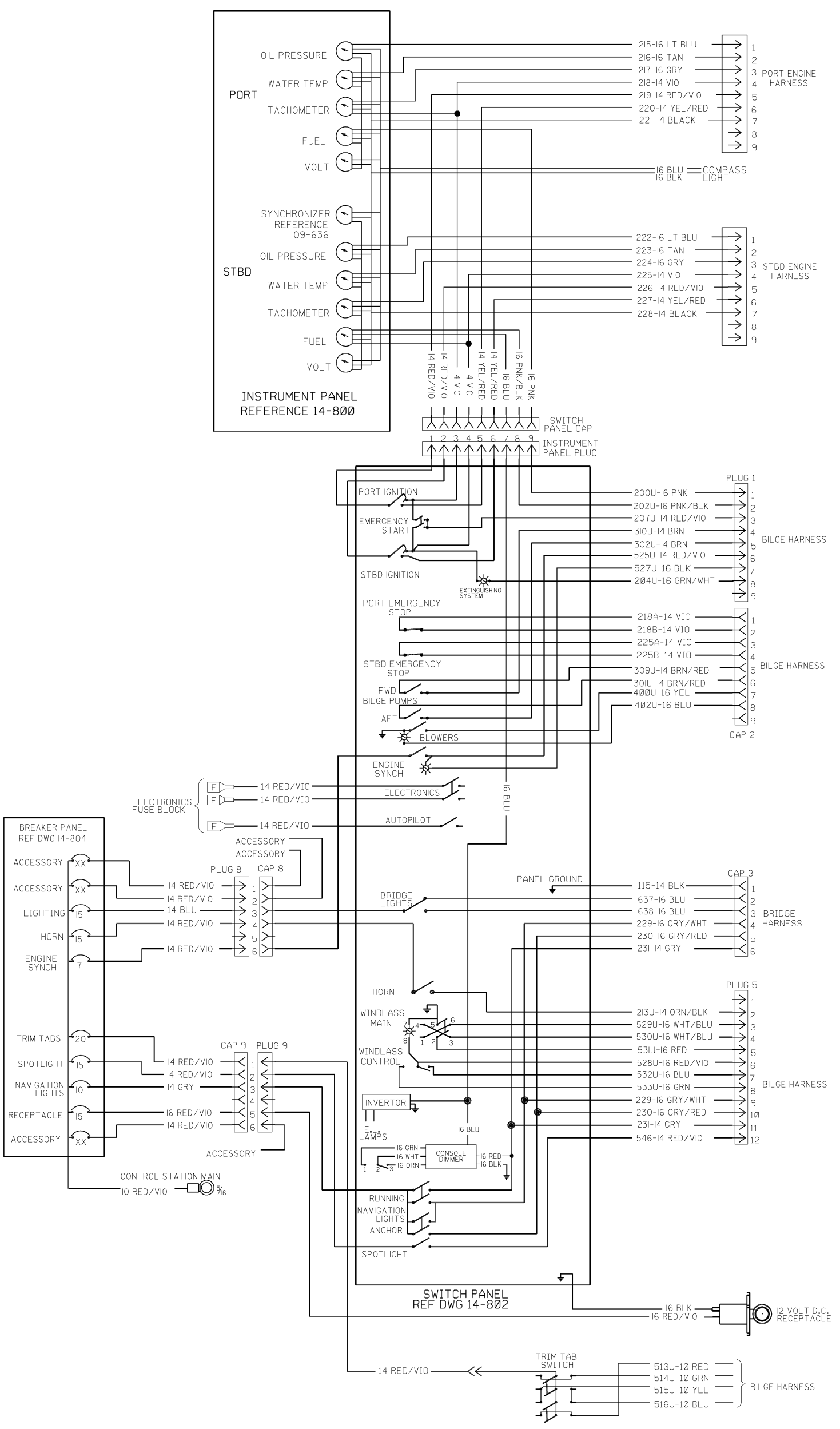


**AFT DECK INTERFACE HARNESS  
INSTALLATION (FIG. 12.48.2)**

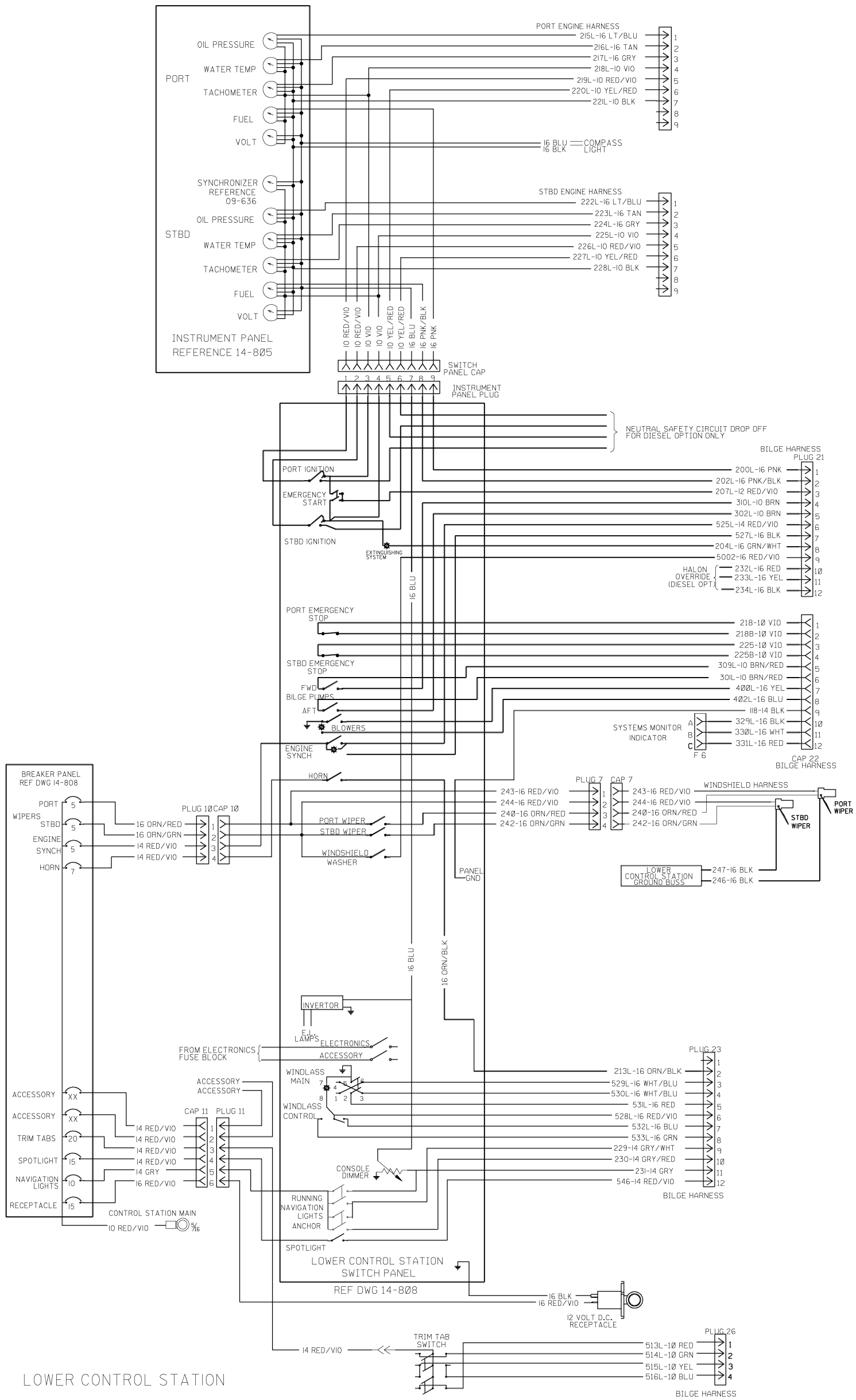




# DC WIRING DIAGRAM (1 OF 4)

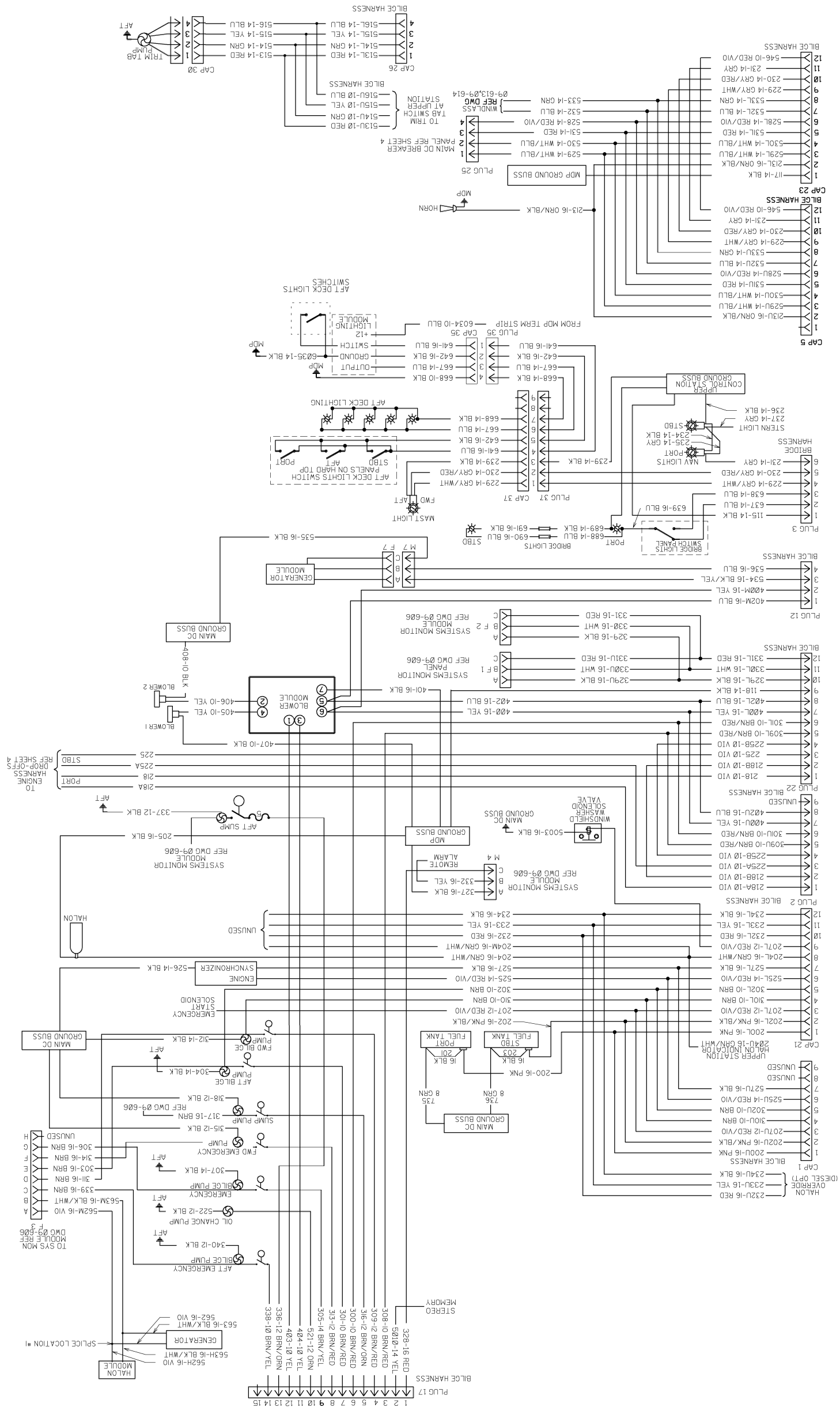


Print #09-801, 1 of 4, REVISION - 01



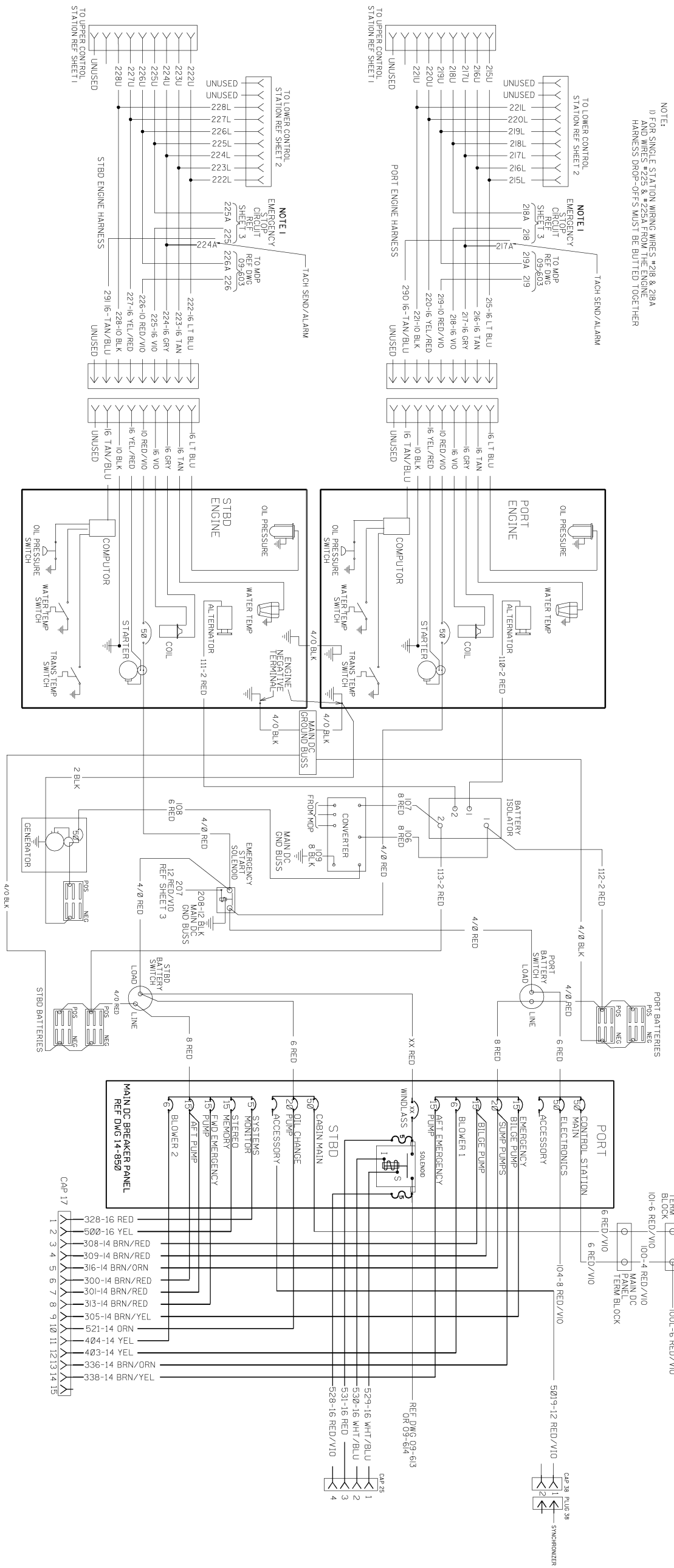
DC WIRING DIAGRAM (2 OF 4)

# DC WIRING SCHEMATIC (3 OF 4)



Print#09-601, 3 of 4, REVISION#0

# DC WIRING SCHEMATIC (4 OF 4)

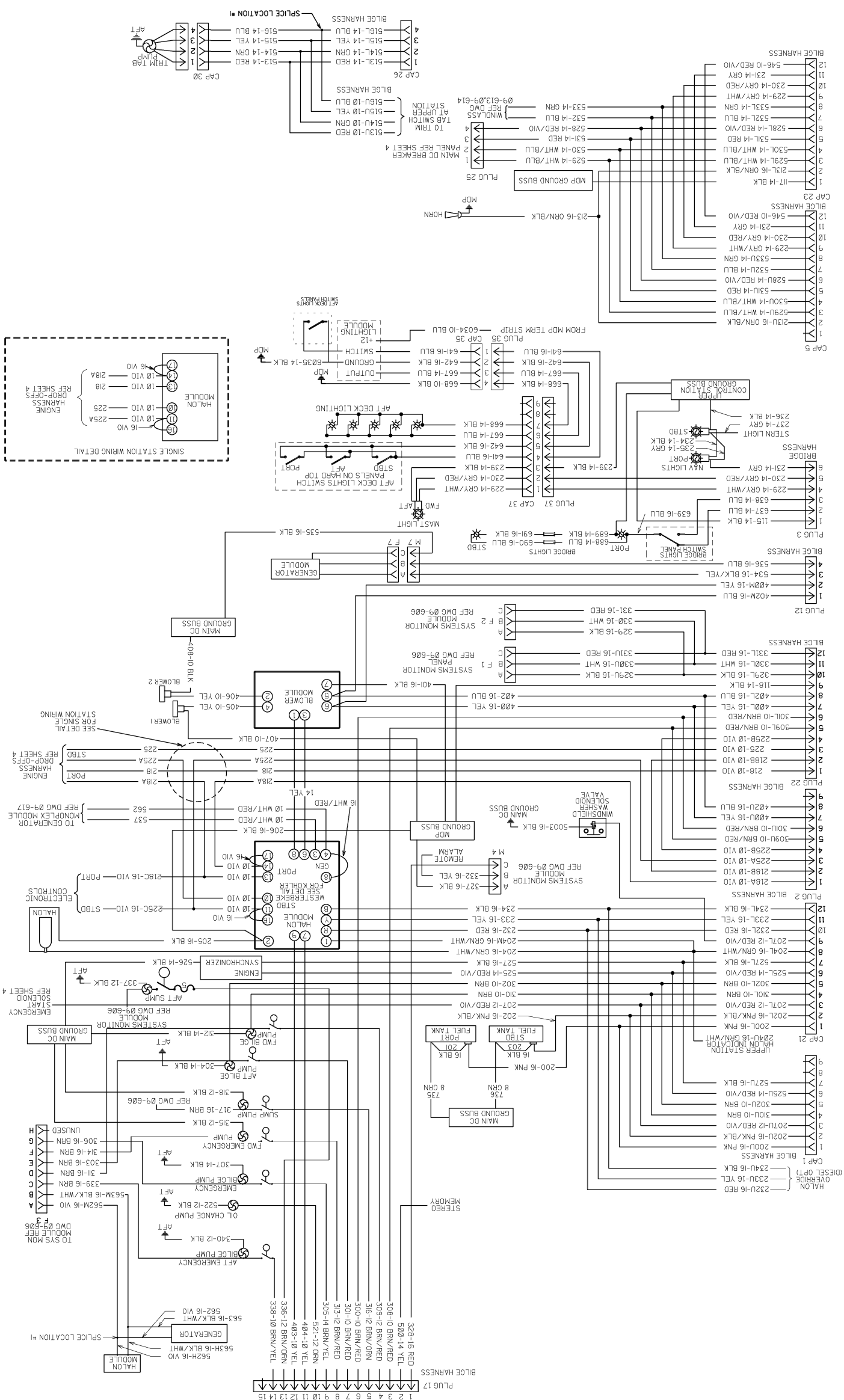


NOTE:  
 1) FOR SINGLE STATION WIRING WIRES #218 & 218A AND WIRES #225 & #225A FROM THE ENGINE HARNESS DROP-OFFS MUST BE BUTTED TOGETHER

NOTE 1  
 TACH SEND/ALARM  
 TO MPP REF DMG SHEET 3  
 218A 218  
 219A 219  
 217A 217

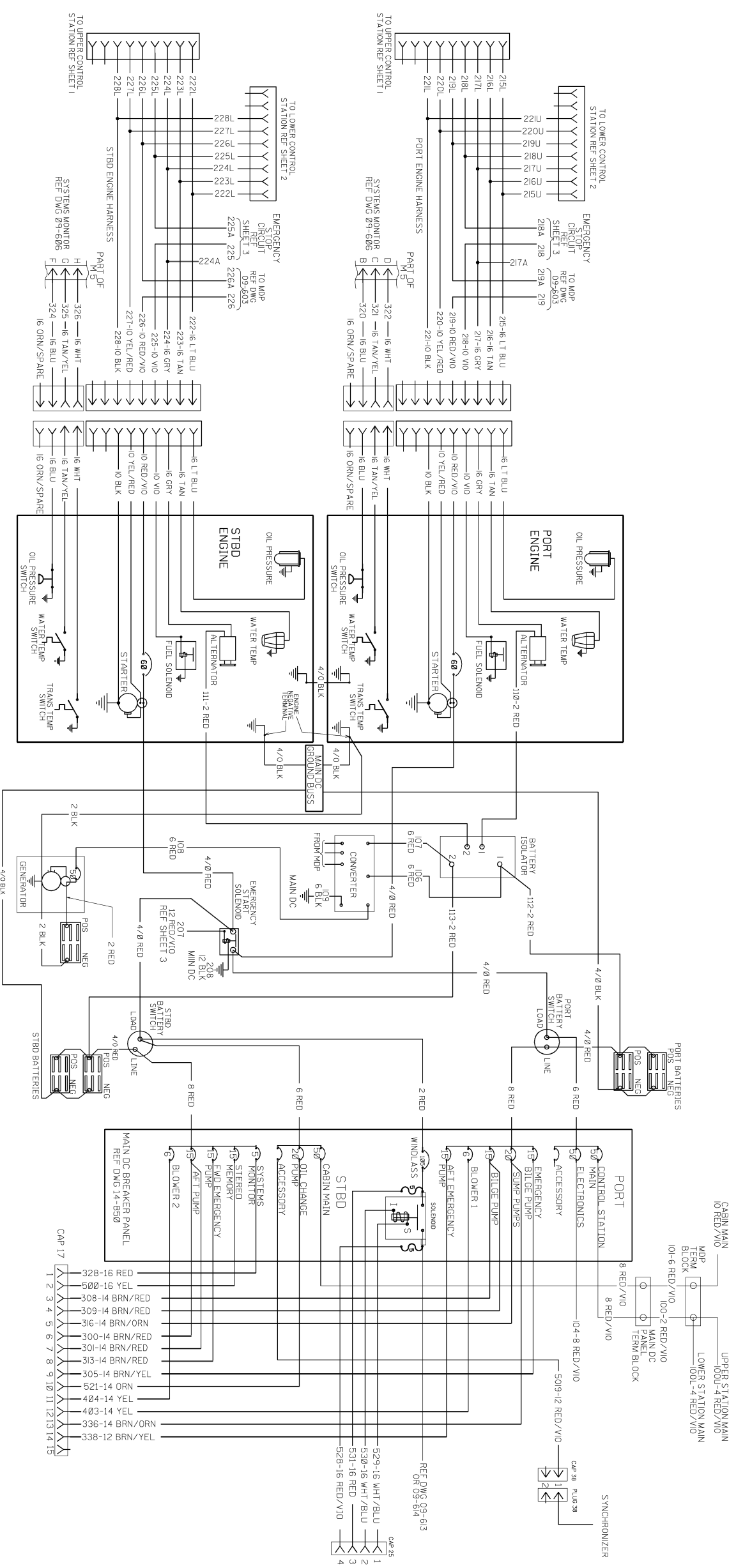
NOTE 1  
 TACH SEND/ALARM  
 TO MPP REF DMG SHEET 3  
 225A 225  
 226A 226

# DC WIRING SCHEMATIC (DIESEL) (1 OF 2)



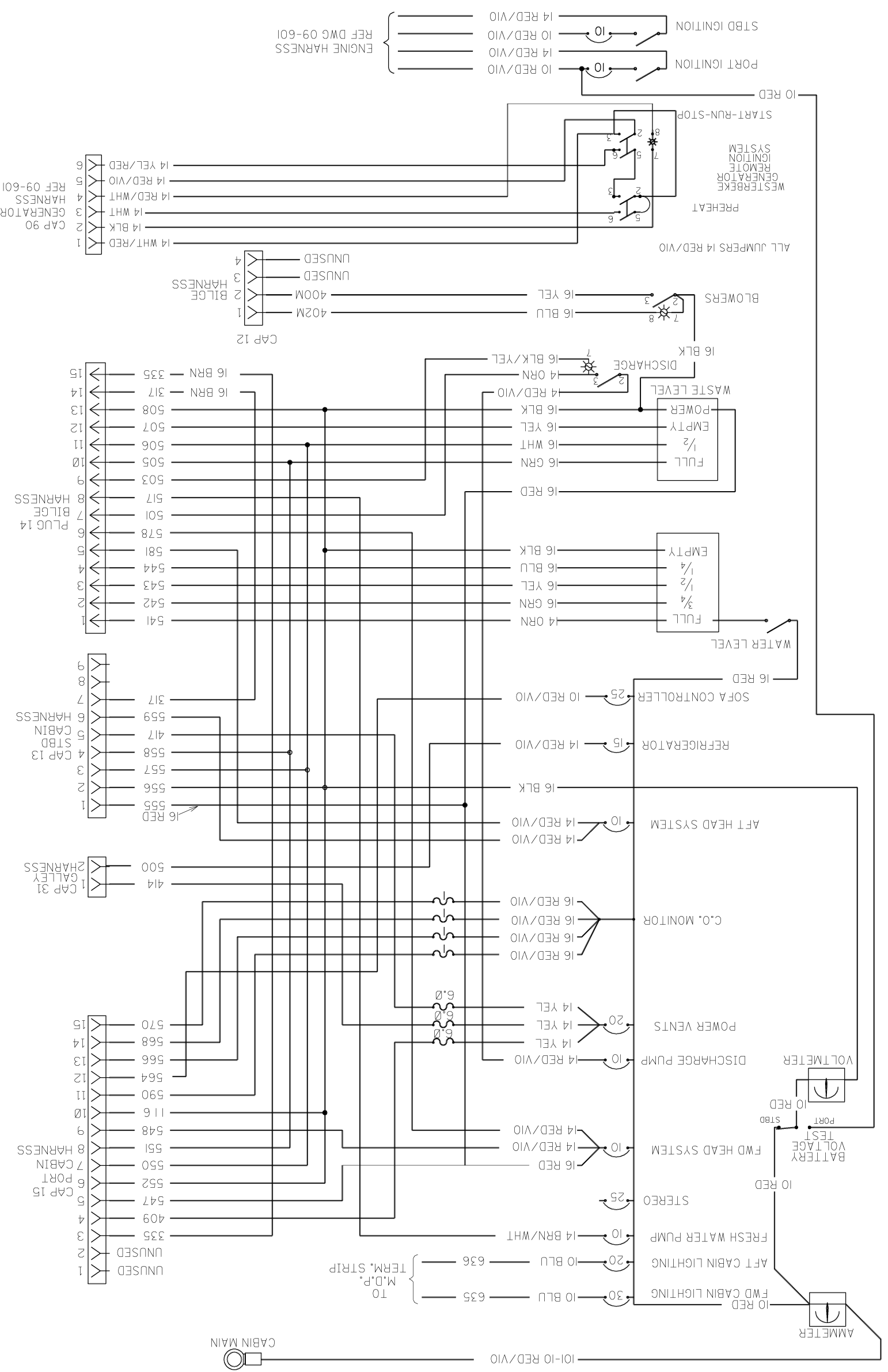
Print #09-602, 1 of 2, REVISION #0

# DC WIRING SCHEMATIC (DIESEL) (2 OF 2)



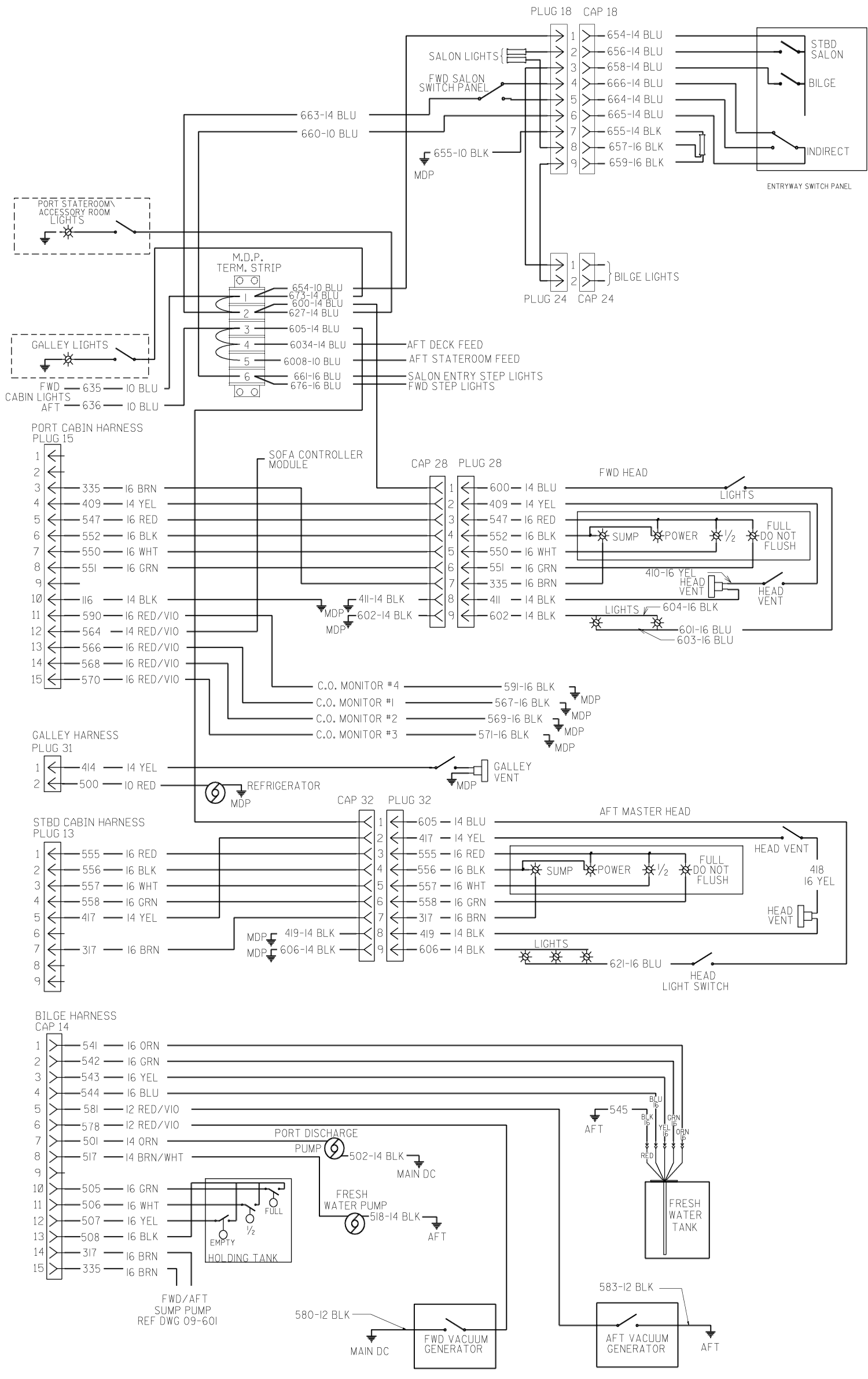
Print #09-602, 2 of 2, REVISION #0  
EON March 17, 1989

# CABIN DC WIRING SCHEMATIC (1 OF 2)



Print #09-603, 1 of 2, REVISION #0

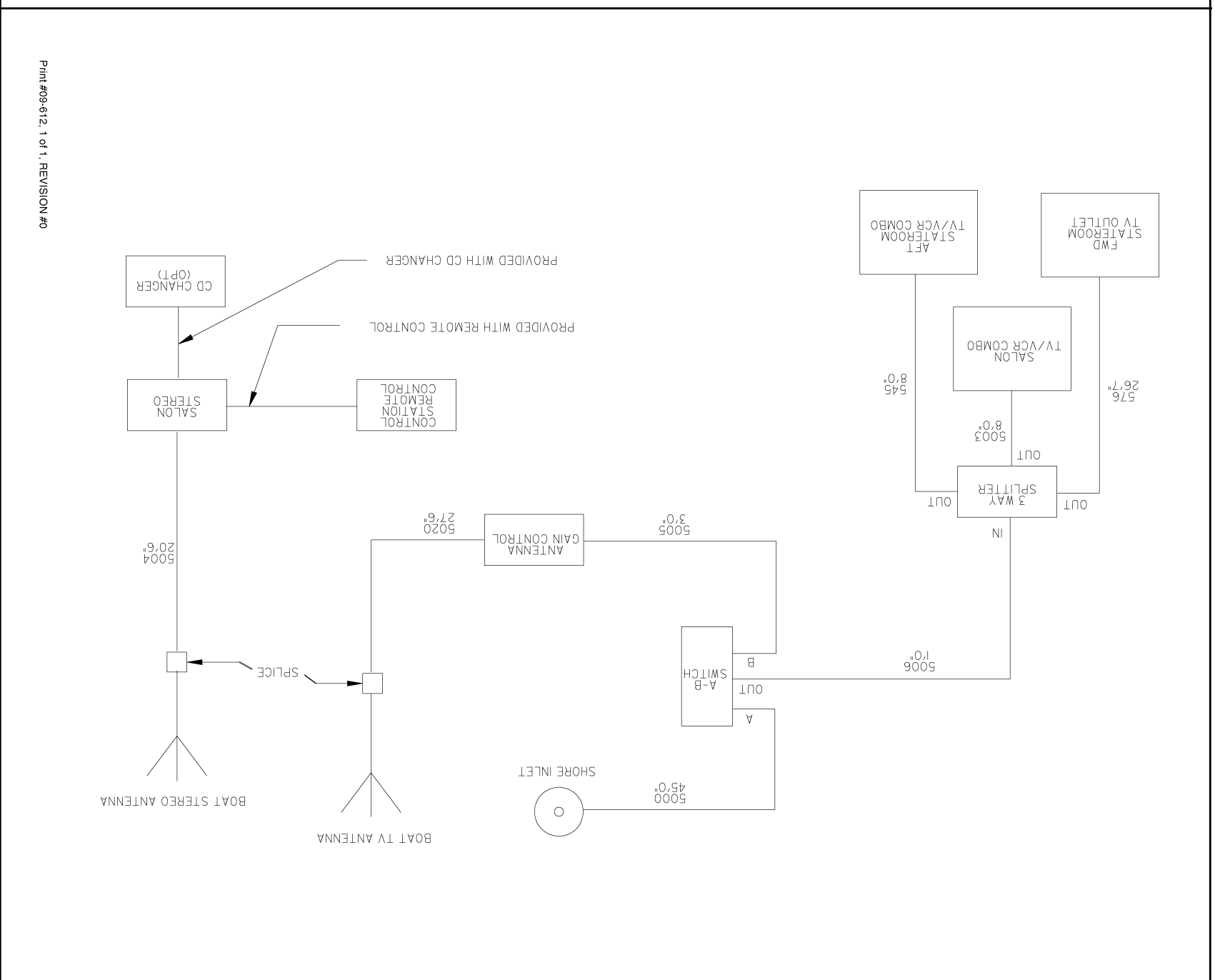
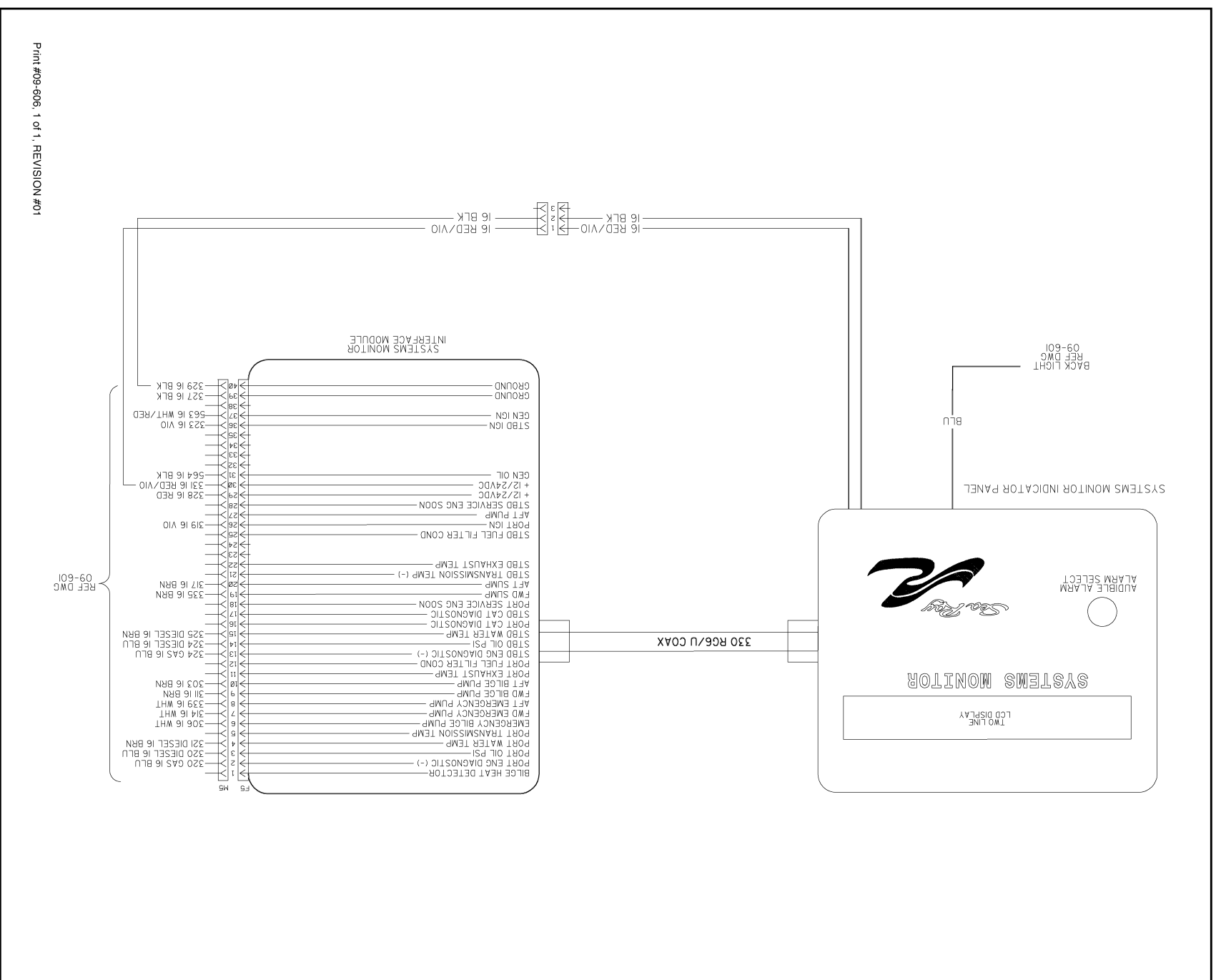
CABIN DC WIRING SCHEMATIC (2 OF 2)





# SYSTEM MONITOR PANEL

# TV AND STEREO ANTENNA SYSTEM



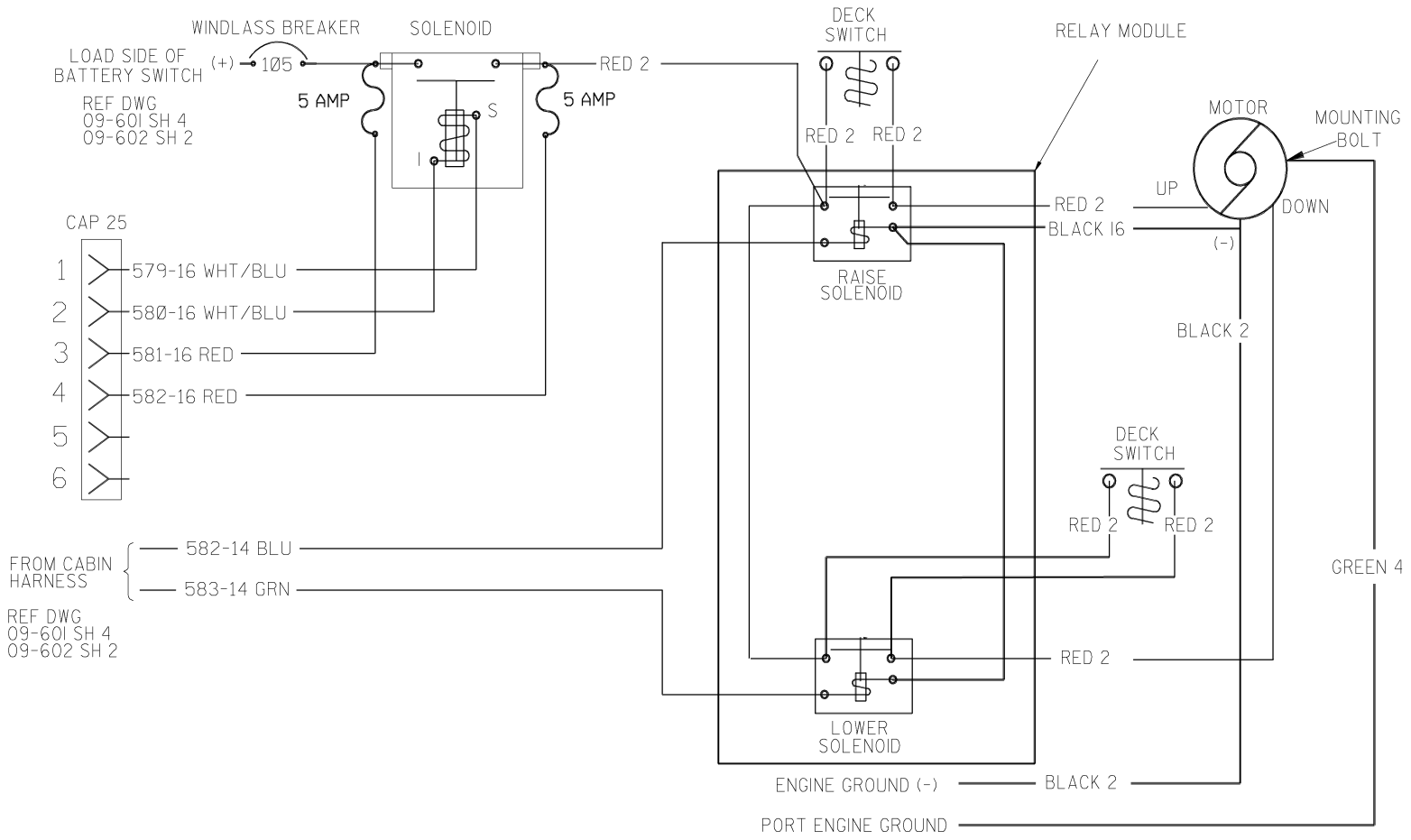
Print #09-606, 1 of 1, REVISION#01

Print #09-612, 1 of 1, REVISION#0

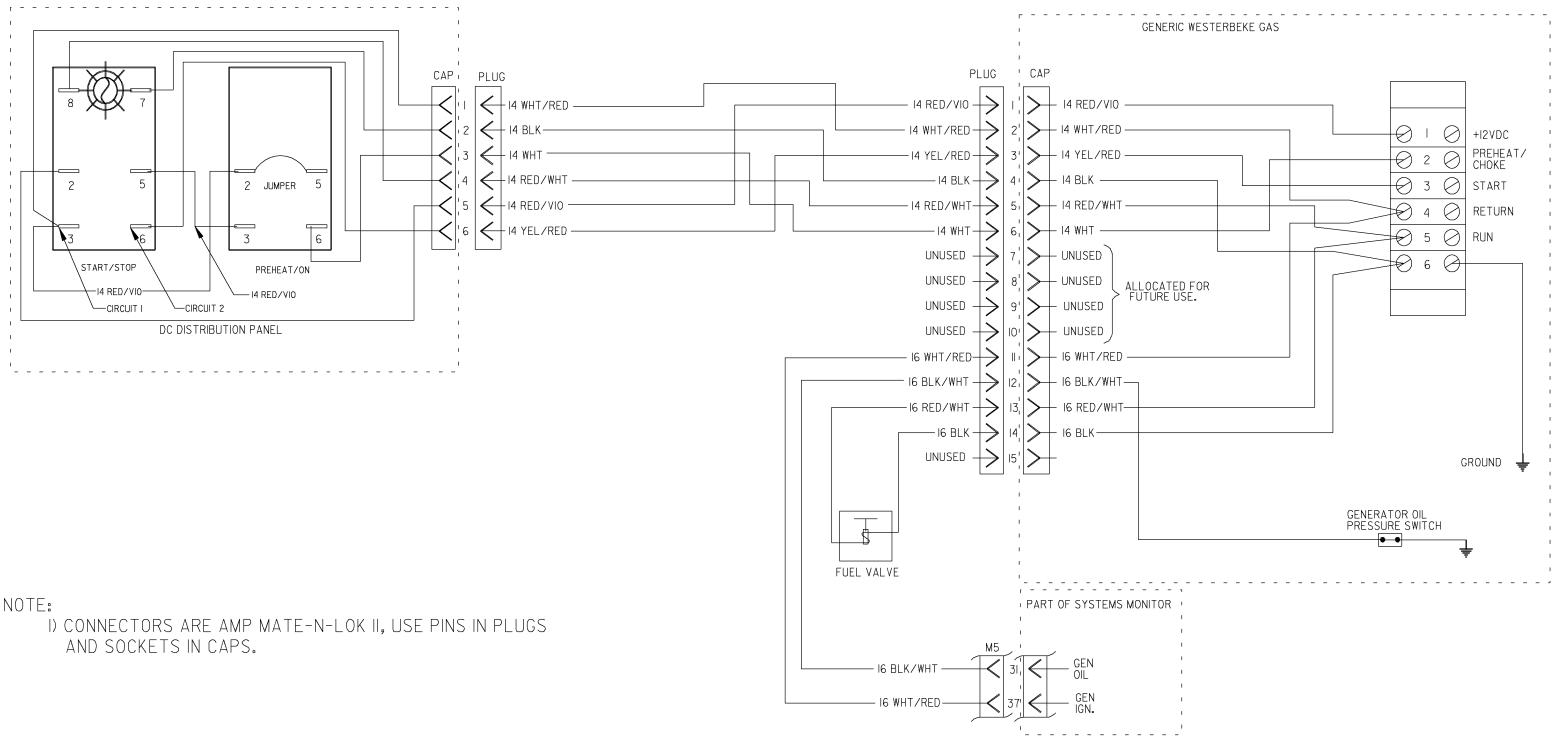
# LOFRANS PROGRESS WINDLASS WIRING

# WESTERBEKE GAS GENERATOR REMOTE WIRING

Print #09-614, 1 of 1, REVISION #0

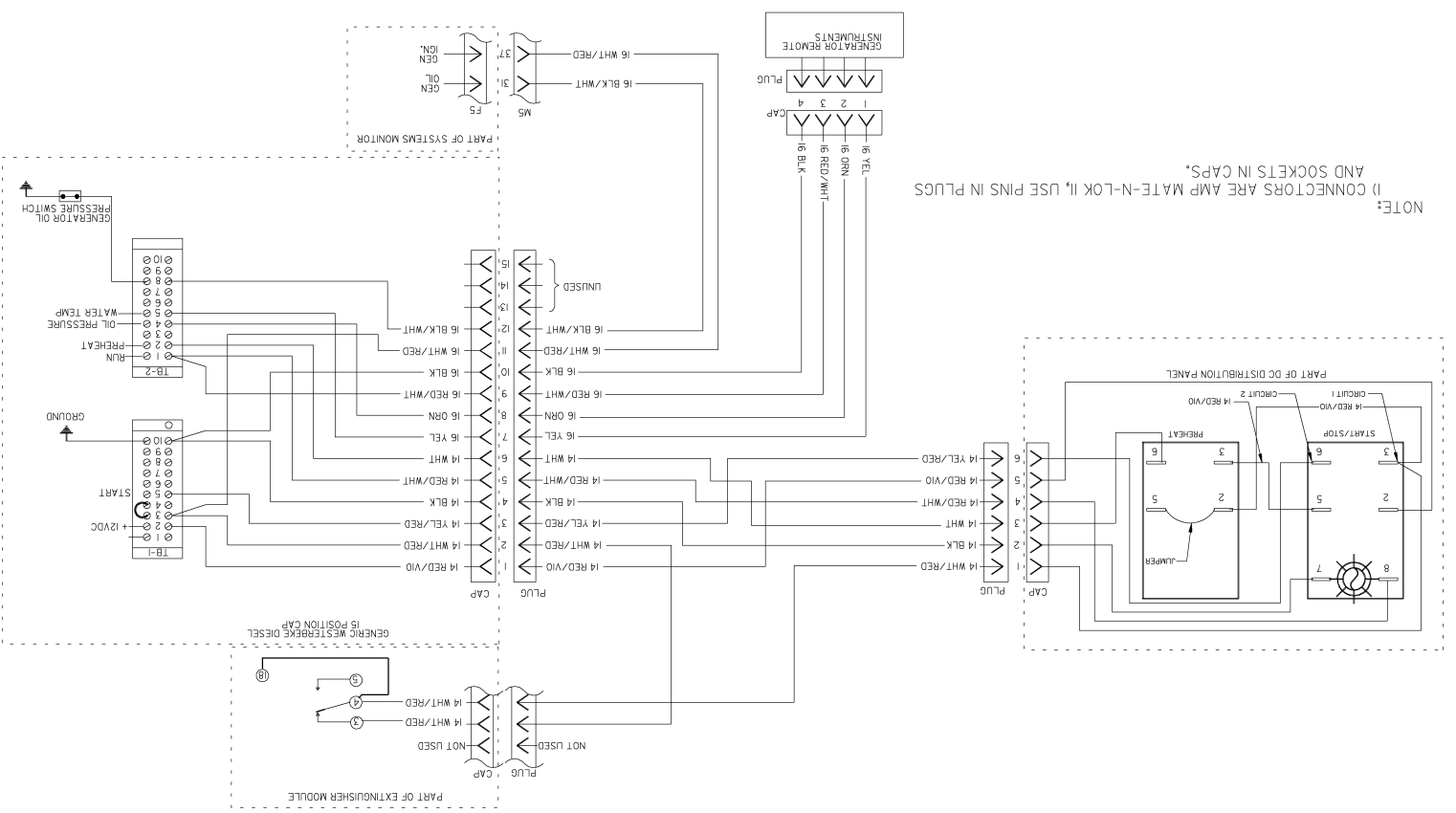


Print #09-616, 1 of 1, REVISION #01

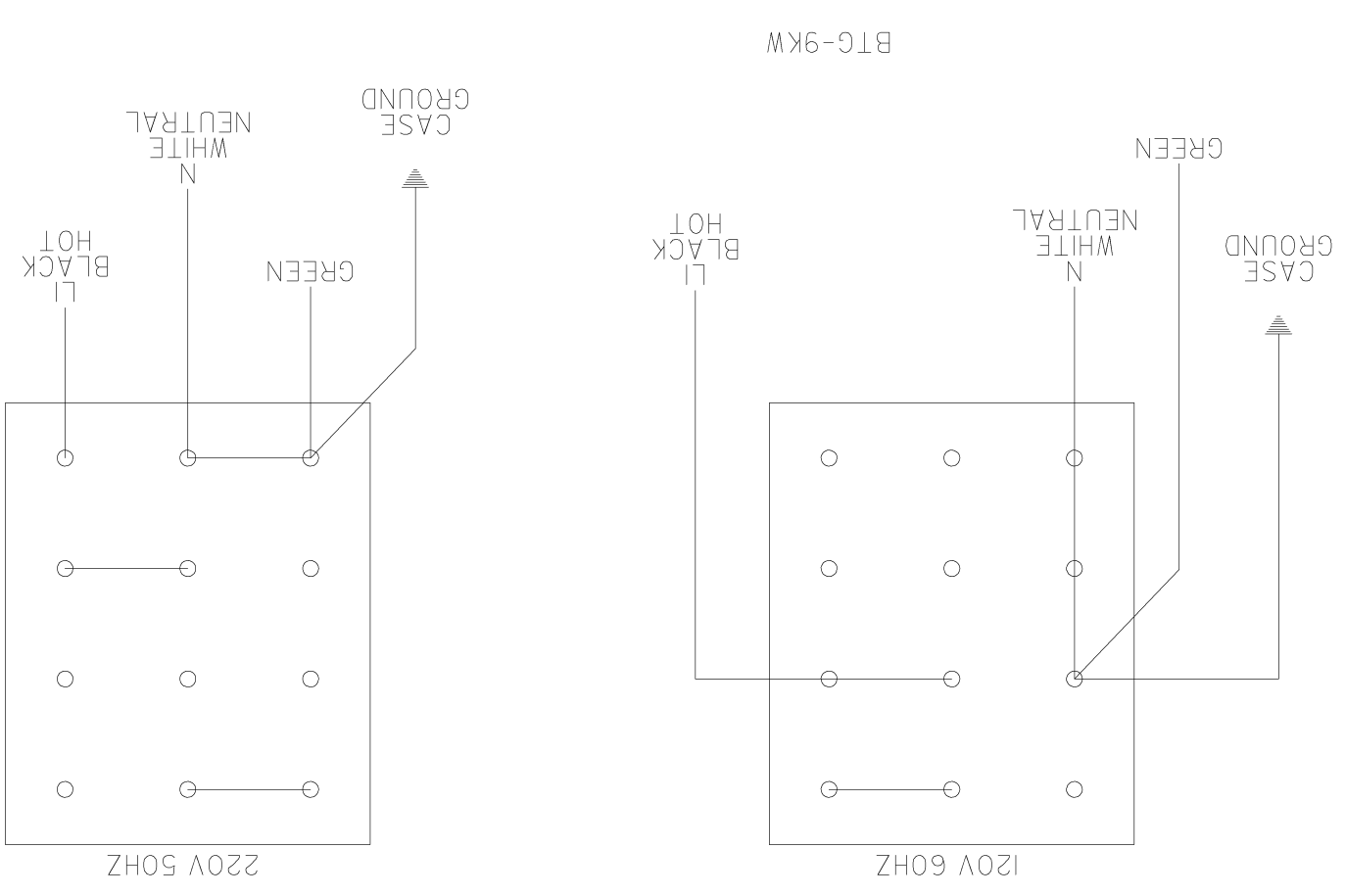


# WESTERBEKE DIESEL GENERATOR REMOTE WIRING (OPT)

# WESTERBEKE GAS GENERATOR HIGH VOLTAGE WIRING



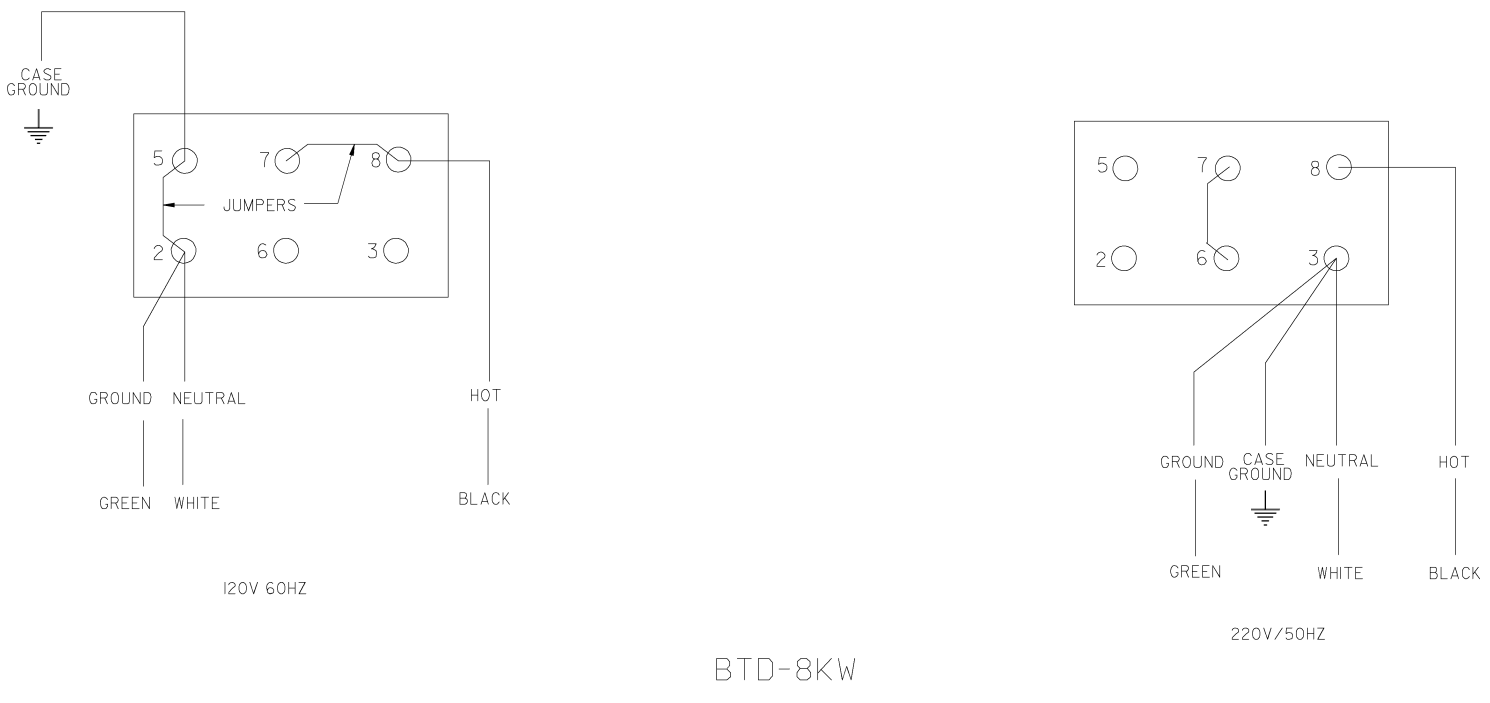
Print#09-617, 1 of 1, REVISION#01



Print#09-618, 1 of 1, REVISION#0

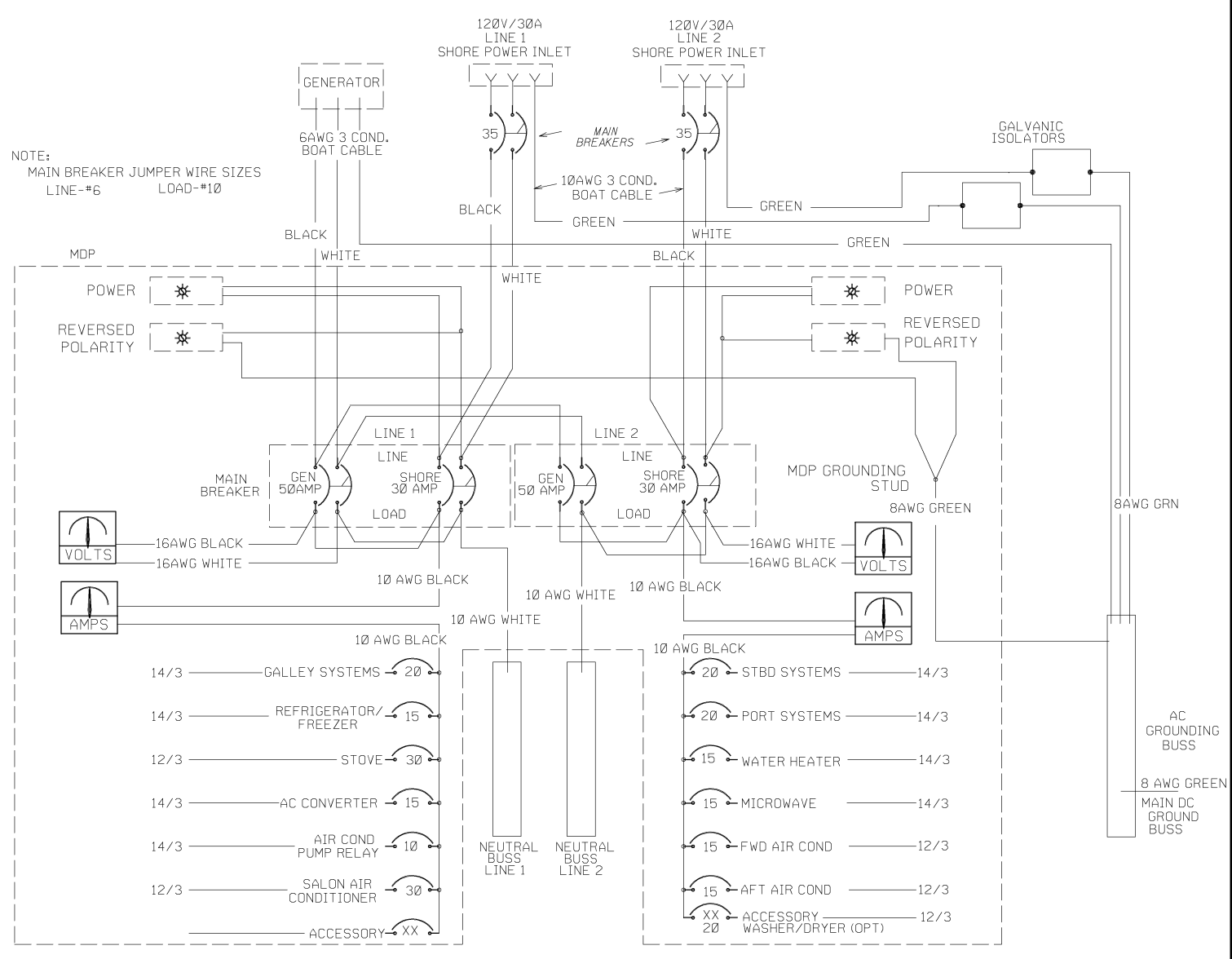
# WESTERBEKE DIESEL GENERATOR HIGH VOLTAGE WIRING (OPT)

# AC WIRING DIAGRAM (120 VOLT)



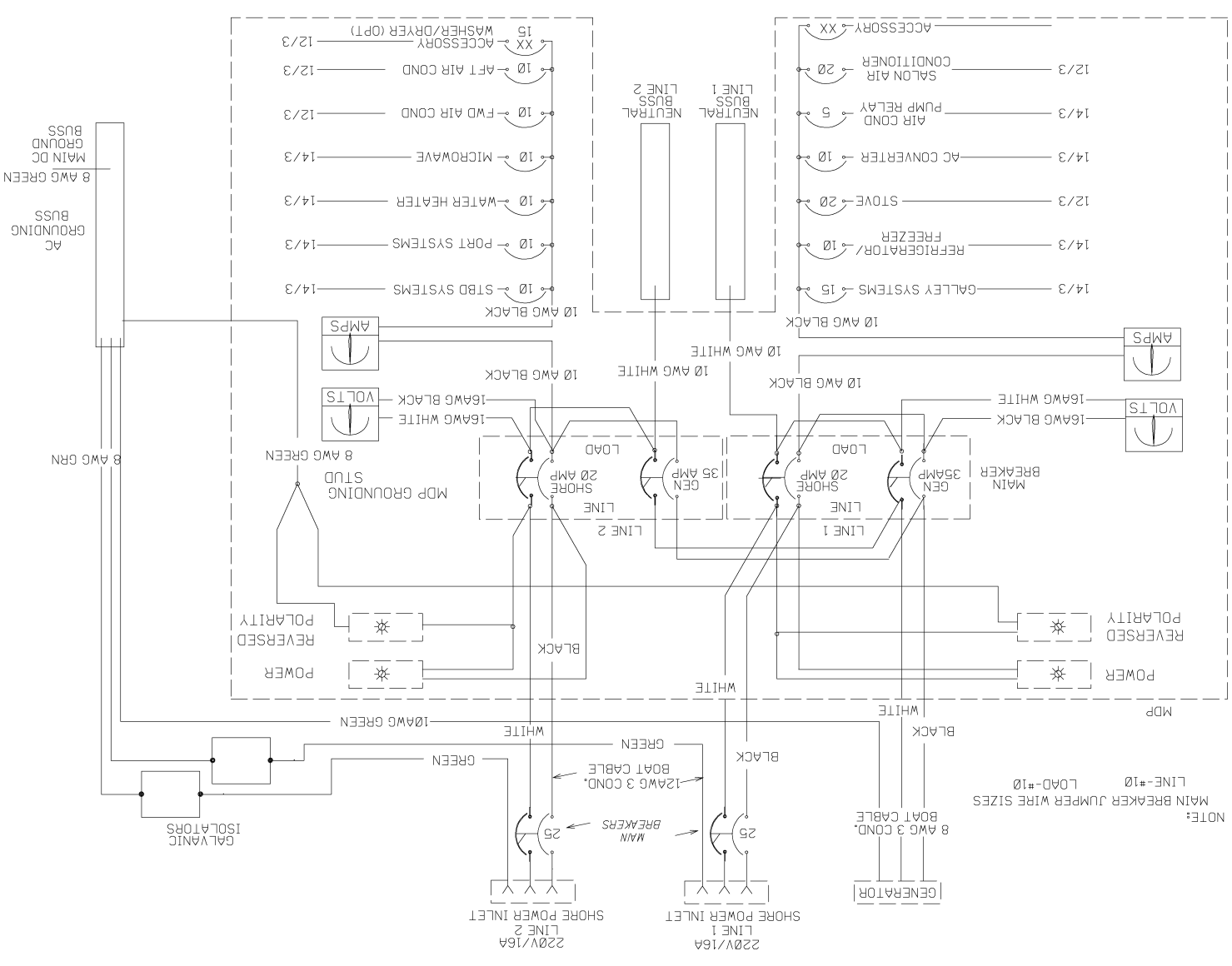
BTD-8KW

Print #09-619, 1 of 1, REVISION #0



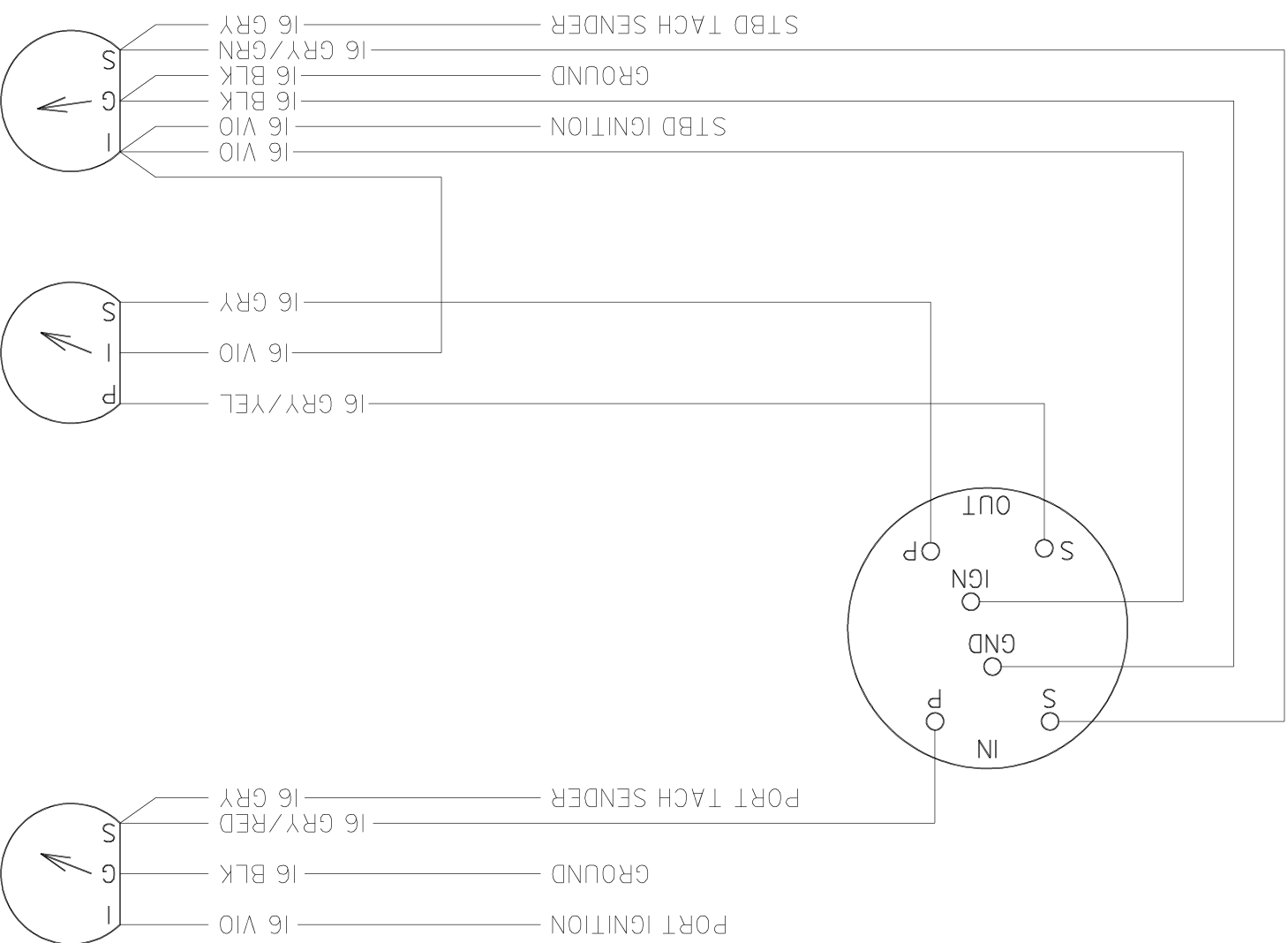
Print #09-630, 1 of 1, REVISION #01

# AC WIRING DIAGRAM (220 VOLT 50HZ)



Print #09-632, 1 of 1, REVISION - 01

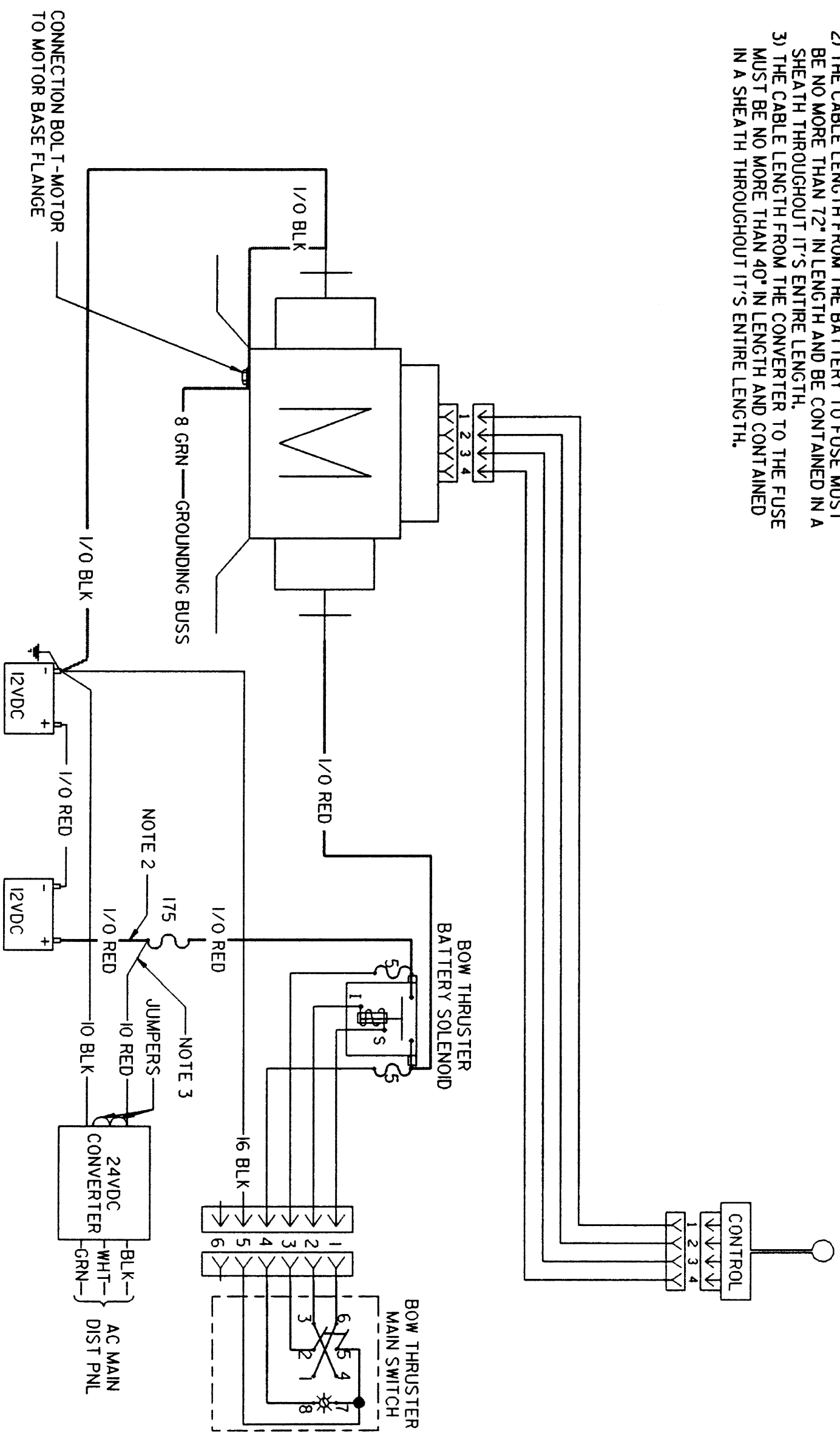
# TELEFLUX ENGINE SYNCHRONIZER MODULE WIRING



Print #09-636, 1 of 1, REVISION #0

# BOW THRUSTER SCHEMATIC (VETUS 80 KGF)

- NOTES:**
- 1) ENSURE TOTAL POSITIVE AND NEGATIVE CABLE LENGTHS FROM BATTERY TO MOTOR ARE NO LONGER THAN 78 FEET.
  - 2) THE CABLE LENGTH FROM THE BATTERY TO FUSE MUST BE NO MORE THAN 72" IN LENGTH AND BE CONTAINED IN A SHEATH THROUGHOUT IT'S ENTIRE LENGTH.
  - 3) THE CABLE LENGTH FROM THE CONVERTER TO THE FUSE MUST BE NO MORE THAN 40" IN LENGTH AND CONTAINED IN A SHEATH THROUGHOUT IT'S ENTIRE LENGTH.



Print #09-656, 1 of 1, REVISION #0

# INTERNATIONAL HOMOLOGATIONS

This vessel and its systems have been constructed in accordance with standards and specifications in effect at the time of manufacture as published by the various regulatory authorities listed below.

1. Ministere De La Mer - France
2. Registro Italiano Navale - Italy
3. Det Norske Veritas - Norway
4. Securite des Nauires - Canada
5. J.C.I. (Japan Craft Inspection) - Japan
6. N.K.K. (Nippon Kaiji Kyokai) - Japan
7. B.S.I. (British Standards Institute) - England
8. Ministerio Obras Publicas Y Transporters - Spain
9. EC Directive - European Community

Further information may be obtained from Sea Ray® Customer Service. 1-800-SRBOATS.

