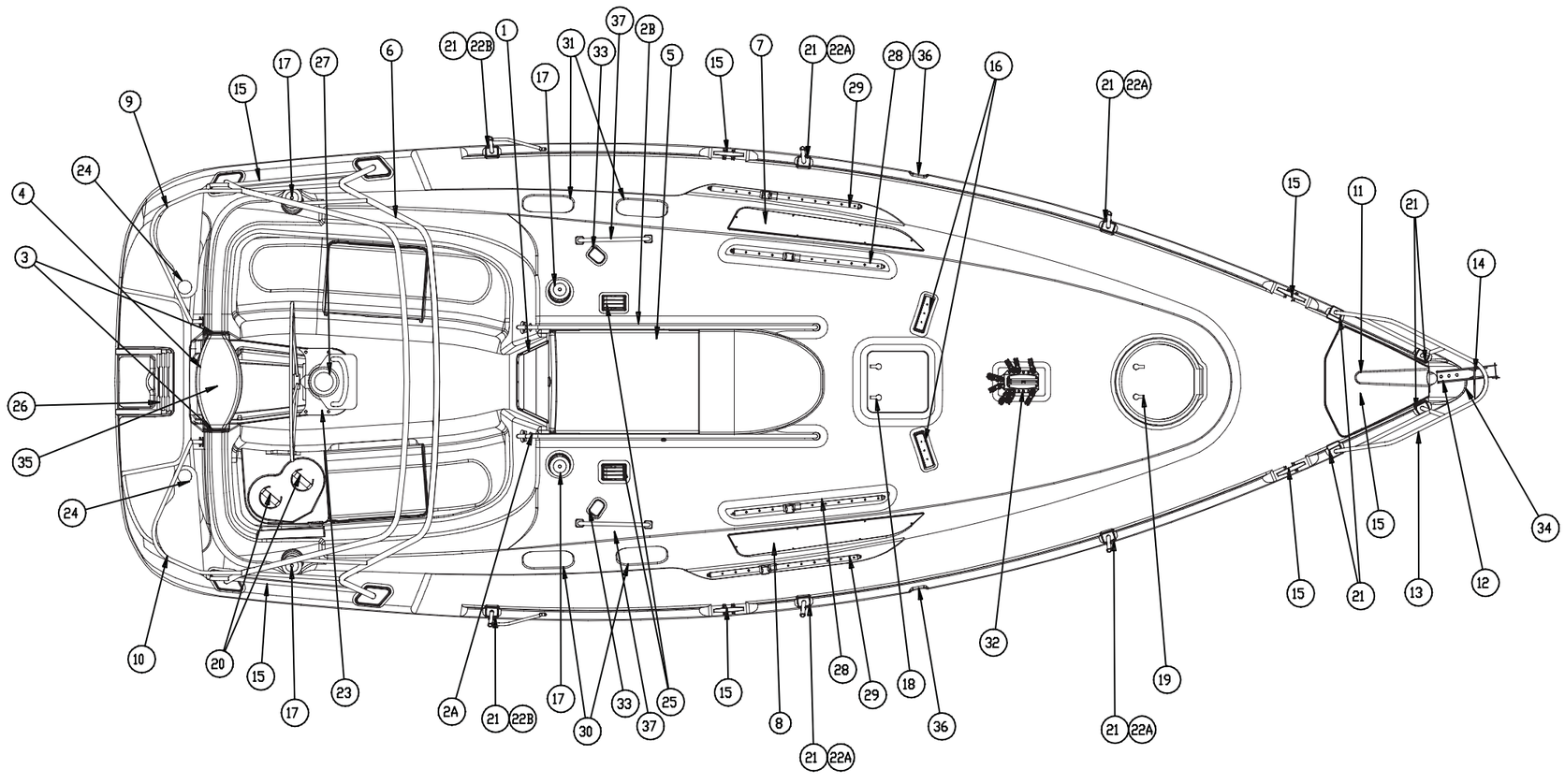
Hunter 31
Deck Hardware

⚠ CAUTION ⚠

Always be aware of your surroundings when on the deck!
Area's of the deck may be very slippery when wet.
This could result in a fall, or a "Man Overboard"!
Be sure and review the procedures for rescue of a man overboard, and have a plan in place!

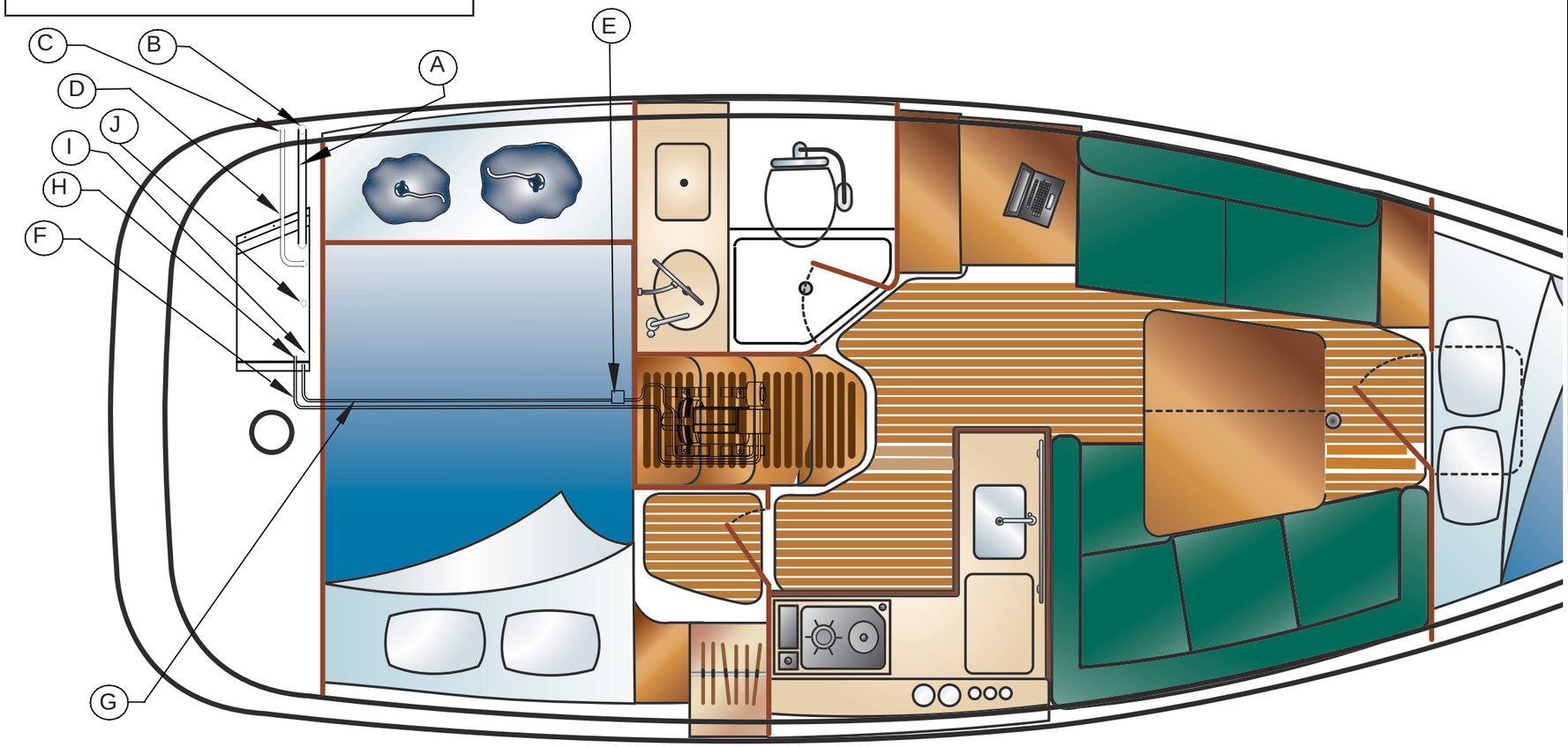
H31 DECK HARDWARE LIST

ITEM	QTY.	DESCRIPTION
1	1	COMPWAY U CHANNEL
2A	1	DECK RAIL SLIDER STBD
2B	1	DECK RAIL SLIDER PORT
3	2	HELMSEAT MOUNT BRACKET
4	1	HELMSMAN SEAT
5	1	SEAHOOD SLIDER
6	1	ARCH
7	1	FIXED PORTLIGHT PORT
8	1	FIXED PORTLIGHT STBD
9	1	STERNRAIL PORT
10	1	STERNRAIL STBD
11	1	OPTIONAL WINDLASS
12	1	ANCHOR ROLLER
13	1	BOWRAIL
14	1	BOWRAIL LIGHTPLATE
15	7	CLEAT 8" STAINLESS
16	2	SHEET-ORGANIZER
17	4	30CST WINCH
18	1	LOW-PROFILE SIZE 40
18	1	LOW-PROFILE SIZE 40 RING
18	1	LOW-PROFILE SIZE 40 TOP
19	1	LOW-PROFILE ROUND SIZE 22
19	1	LOW-PROFILE ROUND SIZE 22 RING
19	1	LOW-PROFILE ROUND SIZE 22 TOP
20	2	LPG TANK(S)
21	10	STANCHION BASE
22A	4	STANCHION
22B	2	GATE STANCHION
23	1	STEERING PEDESTAL PLATE
24	2	STERNRAIL SEAT
25	2	SHEET STOPPER
26	1	SWIM LADDER
27	1	STEERING SYSTEM
28	2	JIB TRCK SYSTEM
29	2	OPTIONAL JIB TRCK SYSTEM
30	2	PORT LIGHT (SMOKED)
31	2	PORT LIGHT (FROSTED)
32	1	MAST STEP and BASE PLATE
33	2	JIB TURNING BLOCK
34	1	STEM PLATE
35	1	EMERGENCY TILLER ACCESS
36	2	CHAINPLATE
37	2	DECK HANDRAIL



Hunter 31
Fuel System

A FUEL FILL HOSE 1 1/2” (3.8cm)
B FUEL FILL (ON DECK)
C FUEL VENT (ON HULL)
D FUEL VENT HOSE 5/8” (1.6cm)
E FUEL FILTER/WATER SEPARATOR
F ENGINE FUEL RETURN LINE 1/4” (.64cm)
G ENGINE FUEL SUPPLY LINE 1/4” (.64cm)
H ENGINE FUEL RETURN PORT
I FUEL CUTOFF VALVE
J FUEL LEVEL SENSOR



⚠ DANGER ⚠

California Proposition 65

Diesel Engine Exhaust and some of it's components are known by the state of California to cause cancer, birth defects, and other reproductive harm.

Leaking fuel is a fire and explosion hazard. Avoid serious injury or death from fire or explosion.

NO SMOKING

Keep both sight gauge valves closed except when checking fuel level.

Do not mistake the water fill, waste pumpout, or even a rod holder for the Fuel Fill, ensure you are placing fuel in the correct deck fitting.

Before starting the engines, open the engine compartment and check for fuel smell.

***If you smell fuel, do not start the engine; get everyone off the boat and get trained help to find and fix the problem.**

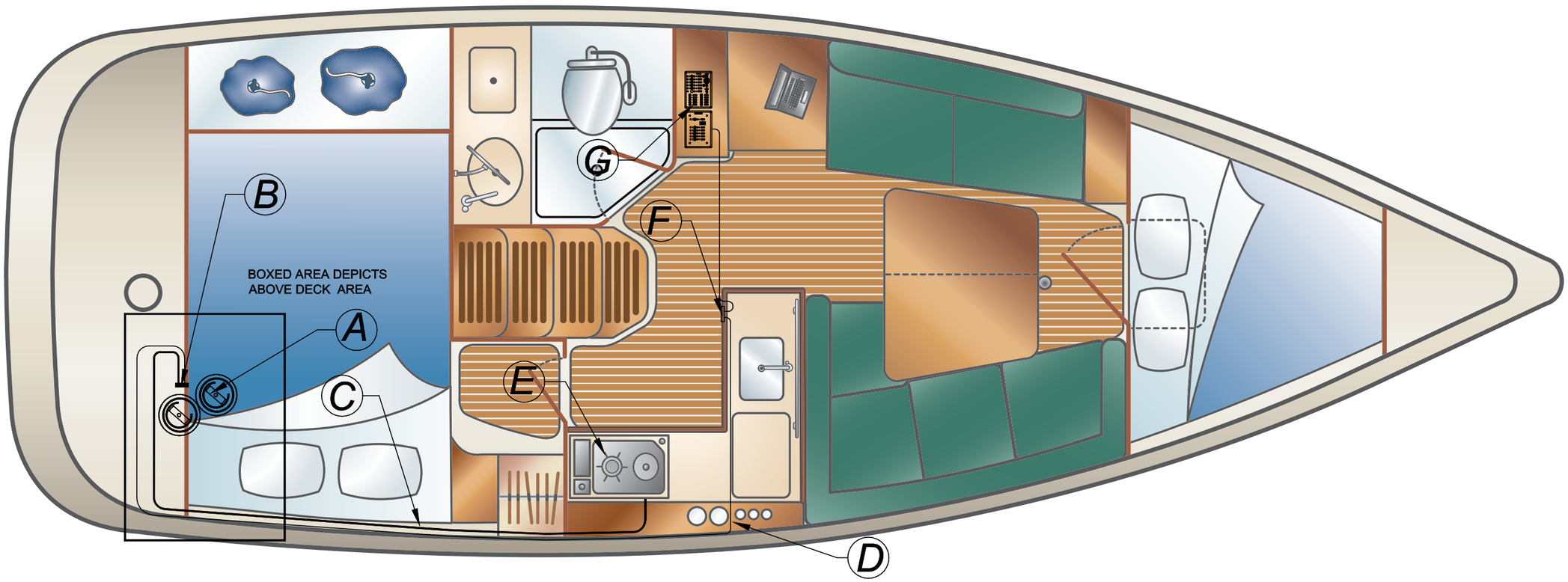
⚠ CAUTION ⚠

The “Fuel System” chapter 5, and “Boating Safety” chapter 4 both contain important fuel related information. Take the time to read all the fuel related information in your Operator’s Manual, Owner’s Manual, as well as the O.E.M. manuals.

Hunter 31

LPG (Liquified Petroleum Gas) Lines Layout

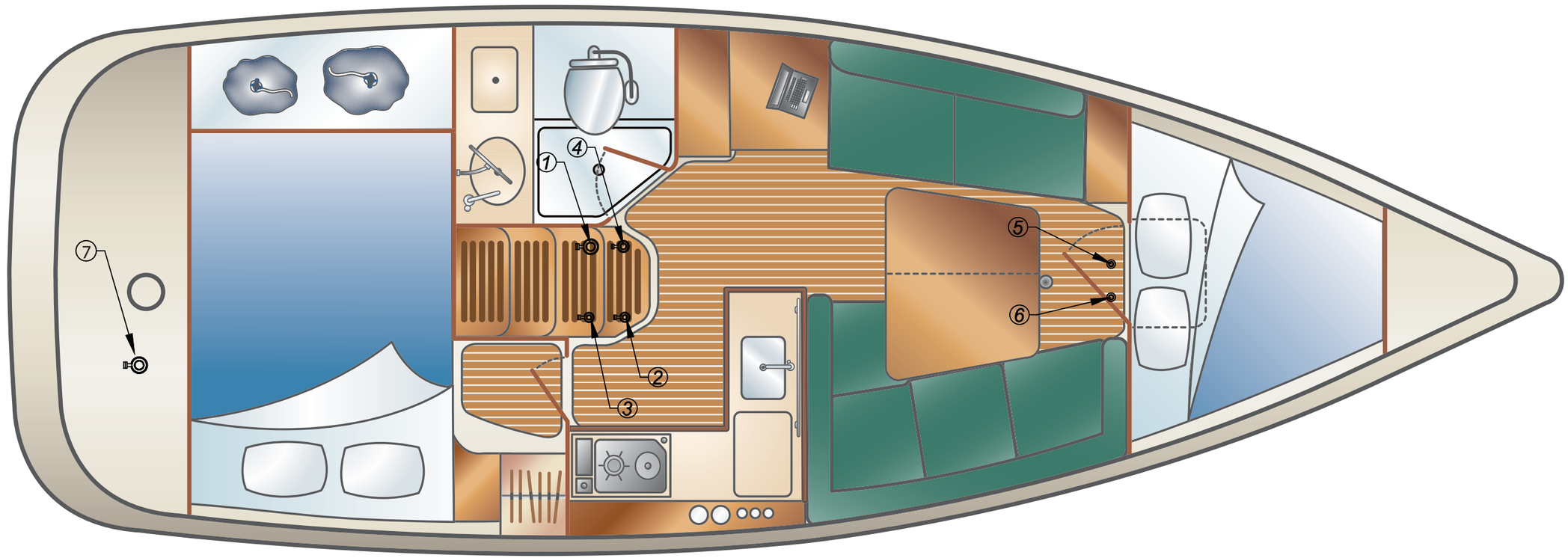
A LPG TANK(S) LOCATED IN STBD SWIM LOCKER
B LPG SOLENOID
C RUBBER GAS LINE HOSE (COPPER IN CERTAIN REGIONS
D POWER LINE FROM LPG CONTROL SWITCH
E GIMBALLED STOVE
F REMOTE CONTROL SHUT-OFF LOCATED IN GALLEY FACE
G POWER FROM MAIN ELECTRIC PANEL TO REMOTE SWITCH



Hunter 31

Bottom Thru Hulls

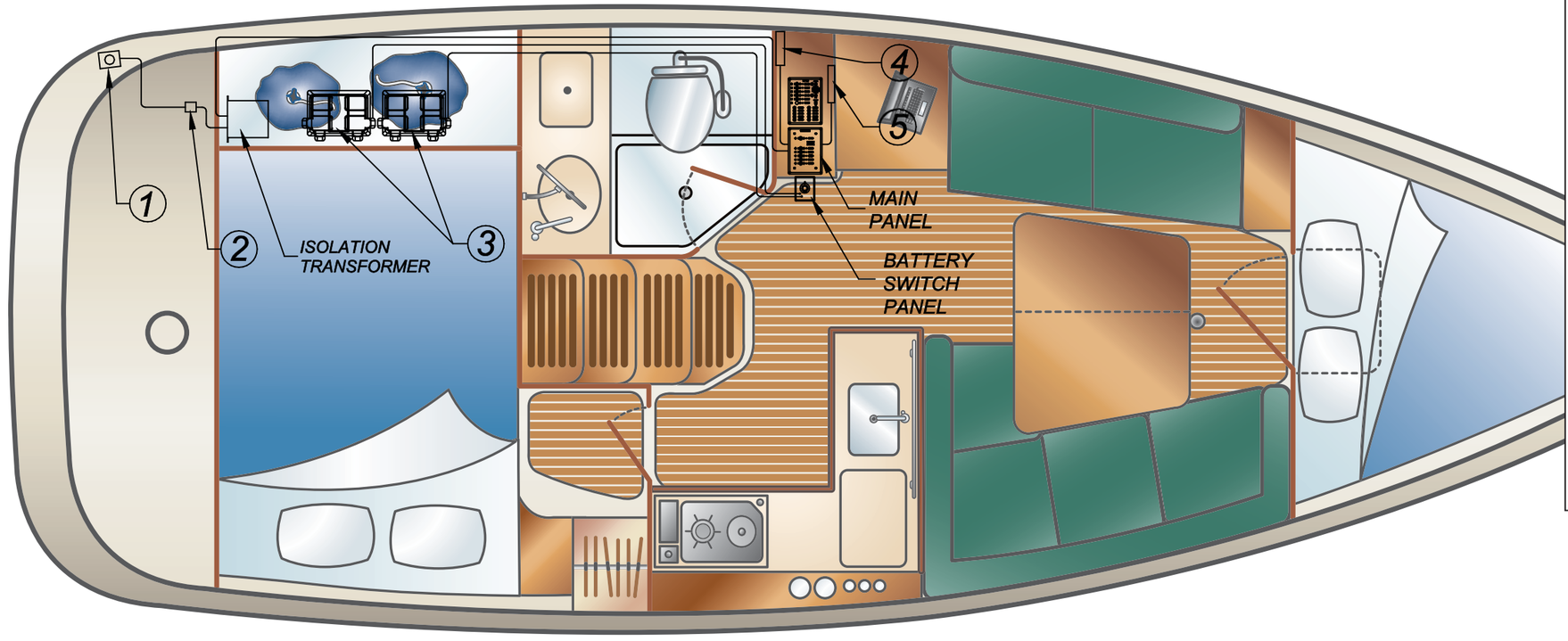
1. VANITY SINK DISCHARGE	*4. ENGINE PICKUP*
2. HEAD PICK UP	*5. KNOT TRANSDUCER*
3. GALLEY DRAIN	*6. DEPTH TRANSDUCER*
7. MACERATOR DISCHARGE	



Hunter 31
DC Wiring Diagram

1. SHORE POWER POWERS AC PANEL
2. SHORE POWER RESET
3. HOUSE BATTERIES PROVIDE 12VDC VOLTAGE TO DC SIDE OF DISTRIBUTION PANEL AND TO THE OPTIONAL INVERTER VIA THE BATTERY SWITCH PANEL
4. OPTIONAL INVERTER CONVERTS 12VDC TO AC VOLTAGE AND POWERS AC PANEL (WITH THE EXCEPTION OF THE WATER HEATER)
5. OPTIONAL BATTERY CHARGER

NOTE: BE SURE THE BATTERY SELECTOR SWITCH ON THE BATTERY CHARGER IS IN THE PROPER POSITION FOR YOUR BATTERY TYPE.



⚠ DANGER ⚠

Fuel Fumes in the engine compartment can explode! Before working on any electrical wiring, ventilate the engine compartment and disconnect the batteries to prevent sparking.

Never use an open flame in a battery storage area.

Batteries can explode if a spark or flame ignites the free hydrogen given off during charging.

Batteries contain Sulfuric Acid and can cause severe personal injury if mishandled. Avoid contact, flush with water for at least 15 in. If swallowed, drink large quantities of milk of magnesia, beaten egg, or vegetable oil, and get medical attention immediately.

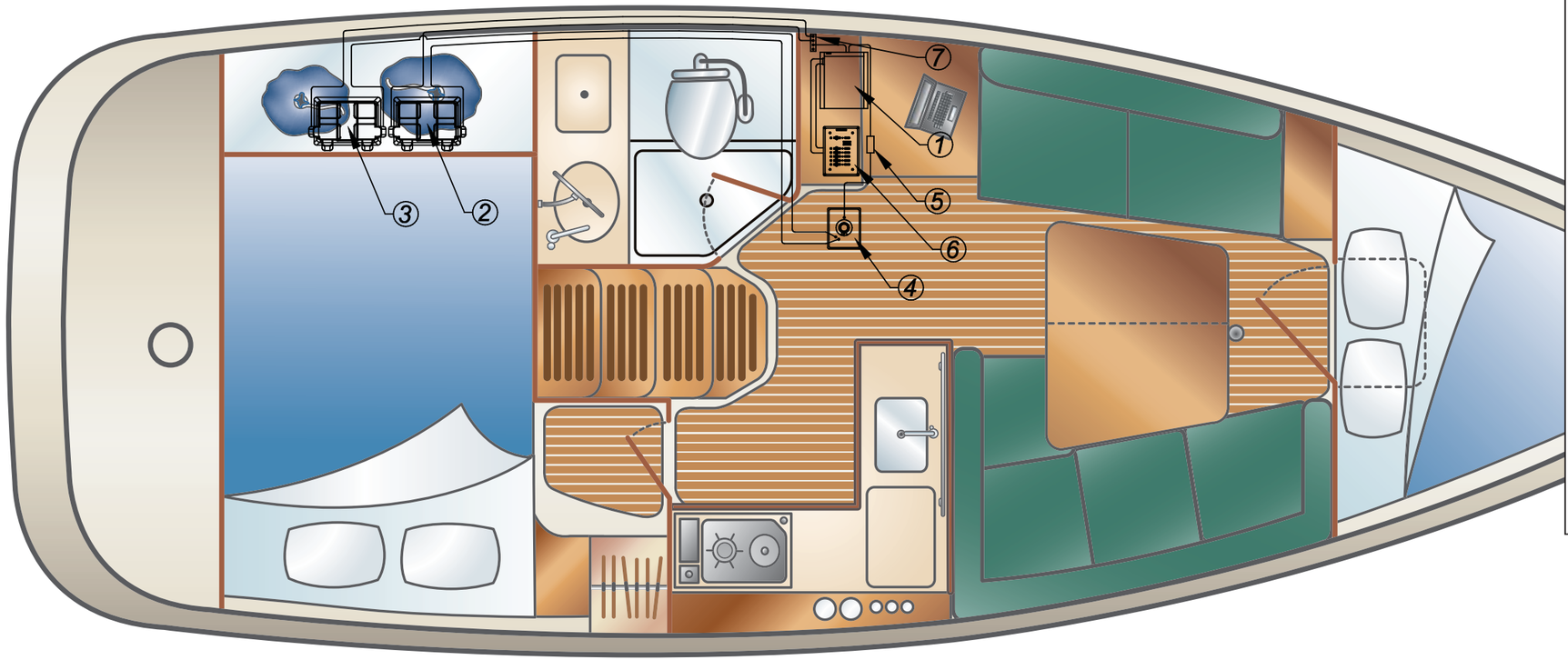
Never reset a breaker that has tripped without first correcting the problem. Electrical system devices can be damaged and be faulty which can cause fire. Always correct the problem causing the tripped breaker before re-energizing.

Alterations or extensions to your electrical system can cause electrical fire or shock.

Hunter 31

Optional Inverter System Layout

1. INVERTER
2. HOUSE BATTERY
3. HOUSE BATTERY OPTION
4. BATTERY SELECTOR PANEL
5. 200 AMP FUSE (UNDER NAV STATION STEP)
6. MAIN BREAKER PANEL
7. NEGATIVE BUS BAR



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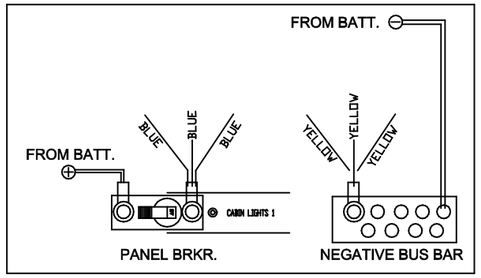
Alterations or extensions to your electrical system can cause electrical fire or shock.

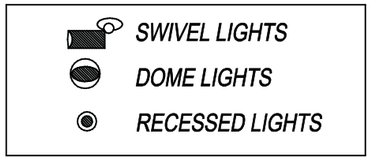
Hunter 31

12 Volt DC Lighting

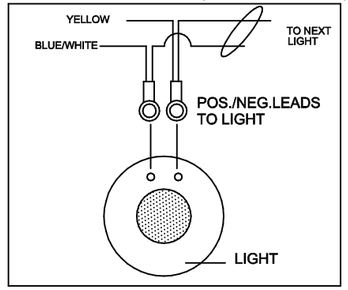
EXAMPLE SWITCH PANEL WIRING (PARALLEL CIRCUITS)

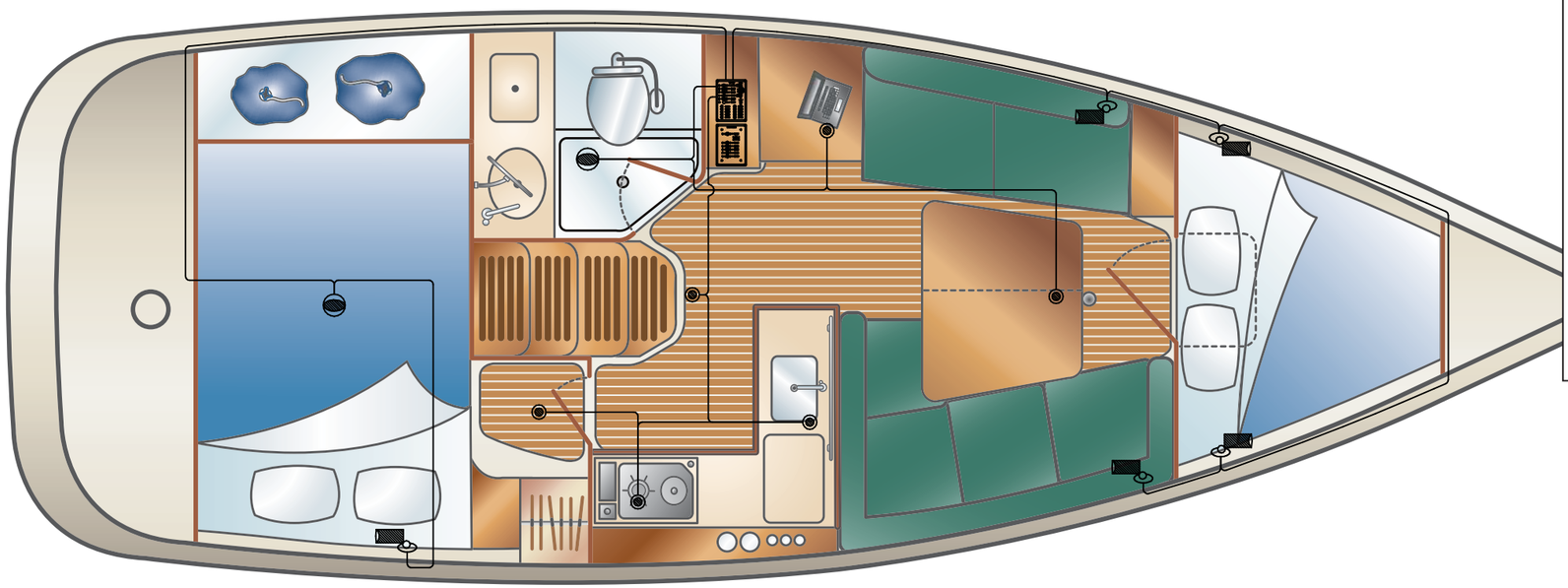


EACH CIRCUIT IN PARALLEL, BLUE (LOAD TO BREAKER) AND YELLOW NEGATIVE TO NEGATIVE BUS BAR (SEE EX.)



EXAMPLE LIGHT WIRING (PARALLEL CIRCUIT)





⚠ DANGER ⚠

Fuel Fumes in the engine compartment can explode! Before working on any electrical wiring, ventilate the engine compartment and disconnect the batteries to prevent sparking.

Never use an open flame in a battery storage area.

Batteries can explode if a spark or flame ignites the free hydrogen given off during charging.

Batteries contain Sulfuric Acid and can cause severe personal injury if mishandled. Avoid contact, flush with water for at least 15 in. If swallowed, drink large quantities of milk of magnesia, beaten egg, or vegetable oil, and get medical attention immediately.

Never reset a breaker that has tripped without first correcting the problem. Electrical system devices can be damaged and be faulty which can cause fire. Always correct the problem causing the tripped breaker before re-energizing.

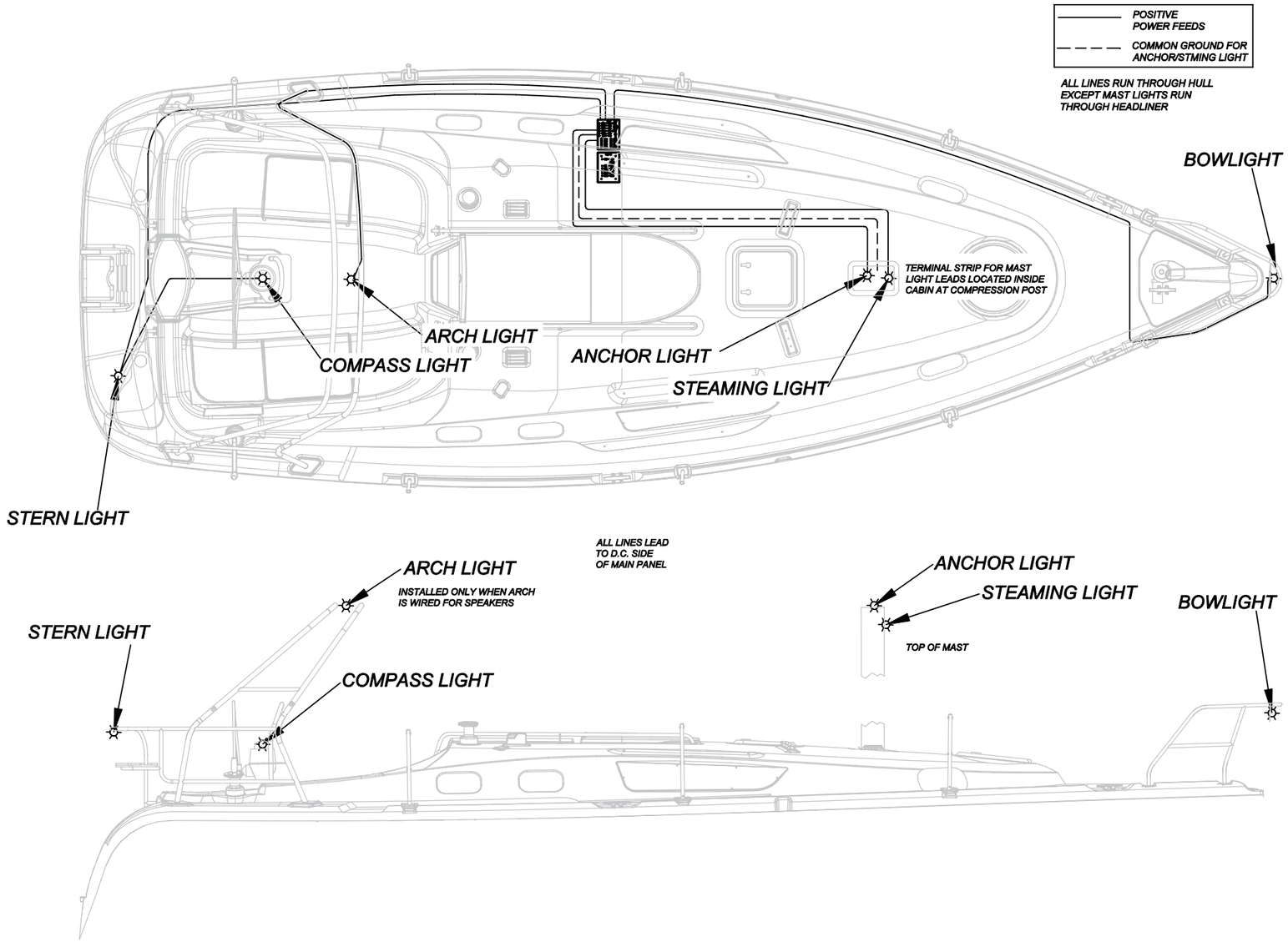
Alterations or extensions to your electrical system can cause electrical fire or shock.

Hunter 31

12 Volt DC Deck Lighting

⚠ CAUTION ⚠

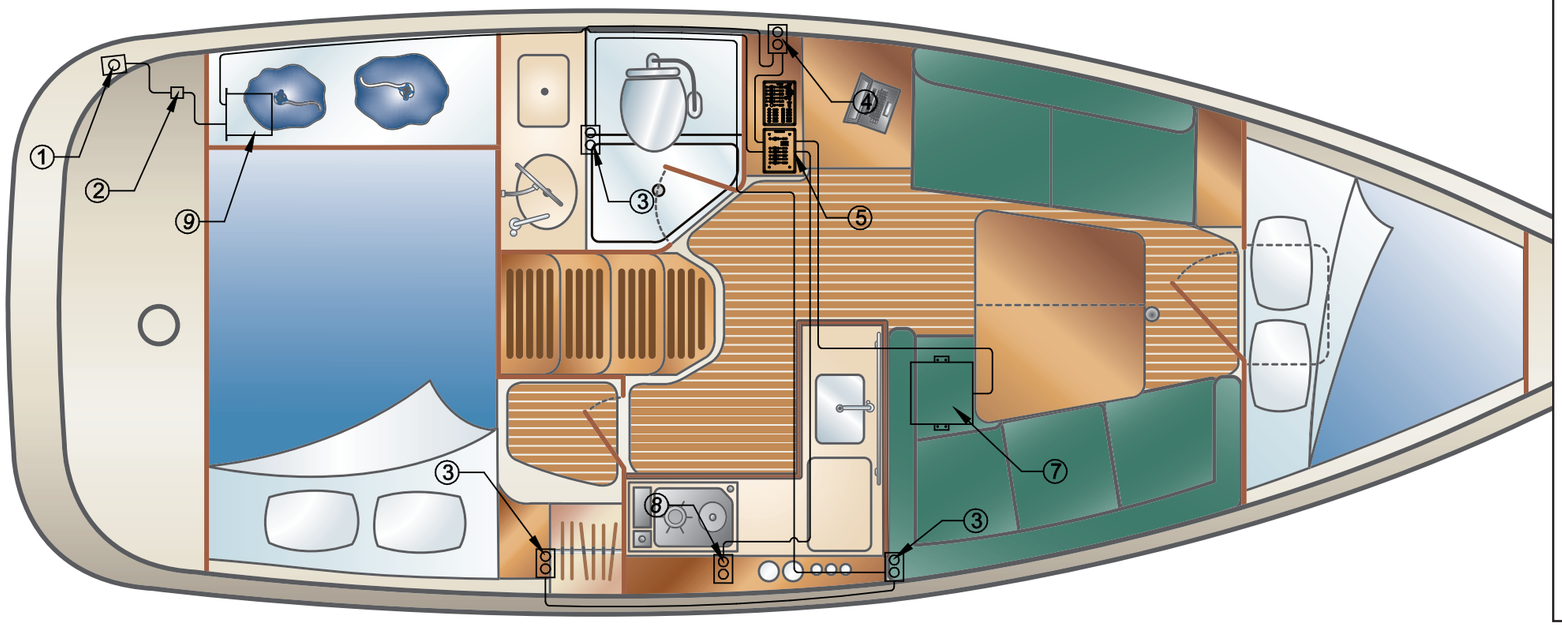
Always be aware of your surroundings when on the deck. Area's of the deck may be very slippery when wet. This could result in a fall, or a "Man Overboard"!



Hunter 31

AC Electric Wire Run Diagram

1. SHORE POWER INLET	6. DC PANEL
2. SHORE POWER BREAKER	7. WATER HEATER
3. AC OUTLET	8. MICROWAVE (OPTIONAL)
4. GFCI OUTLETS	9. ISOLATOR TRANSFORMER
5. AC PANEL	



⚠ DANGER ⚠

Never work on an energized circuit, Always treat any circuit as if it were live!

Electricity cannot be detected without specialized test equipment.Never think you know whether a circuit is "live", always have qualified, competent professionals inspect or make repairs to your electrical systems.

Always run the blowers for at least four minutes before starting any engines.

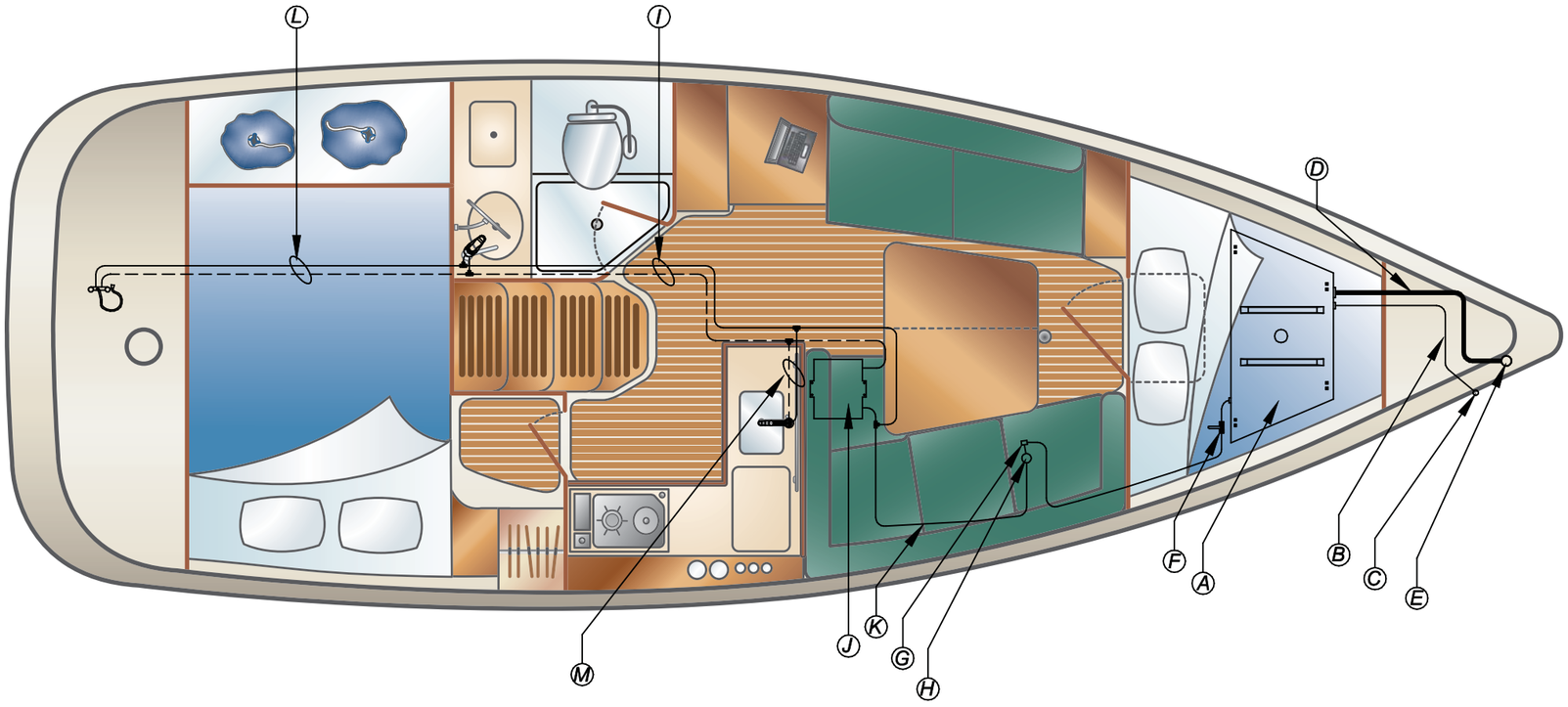
Internal combustion engines produce carbon monoxide, a dangerous, poisonous gas. Be sure and read the boating safety chapter concerning Carbon Monoxide before starting any engines.

Alterations or extensions to the electrical system can cause electrical shock or fire. Only trained, competent, and certified electricians should perform any electrical maintenance, work, or changes to your boats electrical system.

NOTE: VANITY HEAD OUTLET NOT SUPPLIED IN SOME COUNTRIES.

Hunter 31

Fresh Water Layout



A WATER TANK	*G WATER FILTER*	*M HOT & COLD LINES TO GALLEY SINK*
B TANK VENT HOSE	*H WATER PUMP*	
C TANK VENT	*I HOT & COLD LINES TO HEAD*	
D TANK FILL HOSE	*J WATER HEATER*	
E TANK FILL	*K COLD LINE TO WATER HEATER*	
F SHUT OFF VALVES	*L HOT & COLD LINES TO COCKPIT SHOWER*	

ALL WATER LINES ARE 15mm TUBING *TANK VENT HOSE IS 5/8” (16mm)* *TANK FILL HOSE IS 1 1/2” (38mm)*

⚠ WARNING ⚠

Allowing your boat to stay connected to dockside water supply while unattended, could result in a sunken boat.
A major leak or break in the system could flood the bilges, excess water in the bilges could, flood the batteries and result in your boat sinking.

Before connecting to a dockside water source,make certain the water is suitable for drinking. Water that may be of questionable quality could result in serious illness or death.

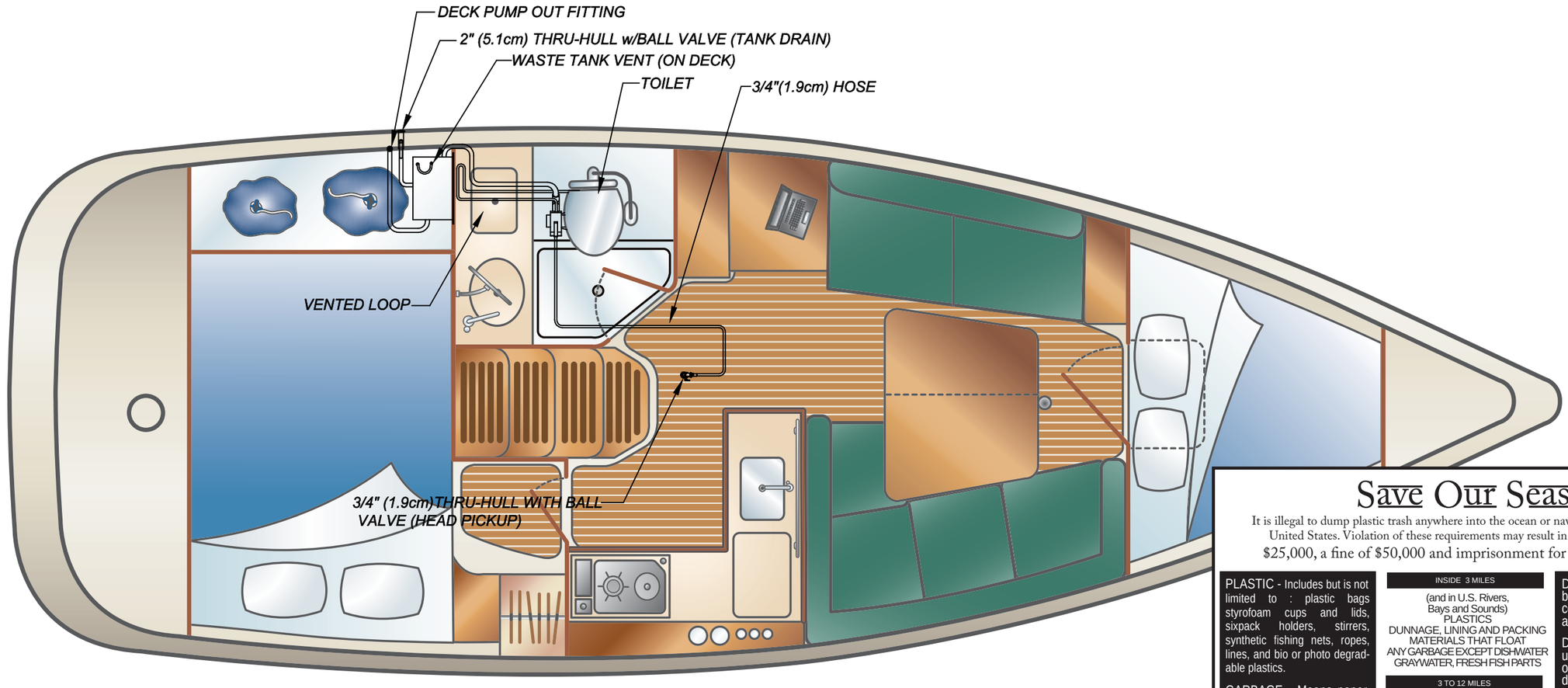
Hydrogen gas may form in a water heater if not used. You should always open the valves!
Do not smoke or use electrical appliances for several minutes before use.

⚠ CAUTION ⚠

Make sure that the water heater is full before energizing, bleed off any air by opening the hot water valve, close only when there is a steady flow of water, this will bleed the hot water system of air. Failure to follow these instructions could result in damage to the heating elements in your water heater.

Hunter 31

Waste System (Black Water System)



Save Our Seas

It is illegal to dump plastic trash anywhere into the ocean or navigatable waters of the United States. Violation of these requirements may result in civil penalty up to $25,000, a fine of $50,000 and imprisonment for up to five years.

PLASTIC - Includes but is not limited to : plastic bags styrofoam cups and lids, sixpack holders, stirrers, synthetic fishing nets, ropes, lines, and bio or photo degradable plastics.

GARBAGE - Means paper, rags, glass, metal, crockery (generated in living spaces aboard the vessel-what we normally call trash), and all kinds of food, maintenance andcargo-associated waste "Garbage" does not include fresh fish or fish parts, dishwater and gray water.

INSIDE 3 MILES

(and in U.S. Rivers, Bays and Sounds)
PLASTICS
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT
ANY GARBAGE EXCEPT DISHWATER GRAYWATER, FRESH FISH PARTS

3 TO 12 MILES

PLASTICS
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT
ANY GARBAGE NOT GROUND TO LESS THAN ONE SQUARE INCH

12 TO 25 MILES

PLASTICS
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT

12 TO 25 MILES

PLASTICS

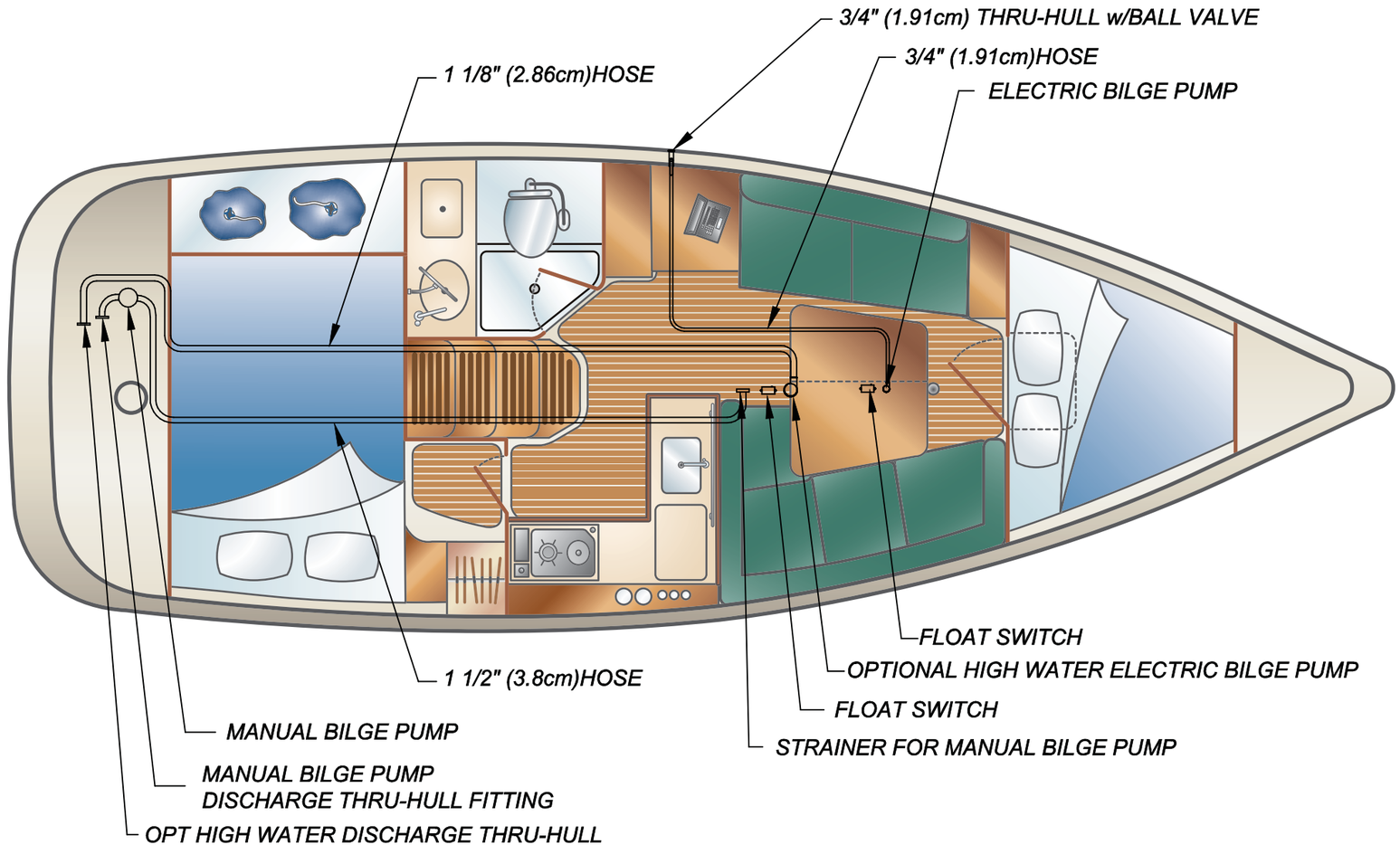
DUNNAGE-Materialused to block and brace cargo, and is considered a cargo associ ated waste.

DISHWATER- Means the liq uid residue from the manual or automatic washing of dishes and cooking utinsils which have been pre-cleaned to the extent that any food particles adhering to them would normally interfere with the operation of auto matic dishwashers.

GRAYWATER- Means drain age from a dishwasher, shower, laundry, bath, and washbasin, and does not in clude drainage from toilets, urinals, hospitals, and cargo spaces.

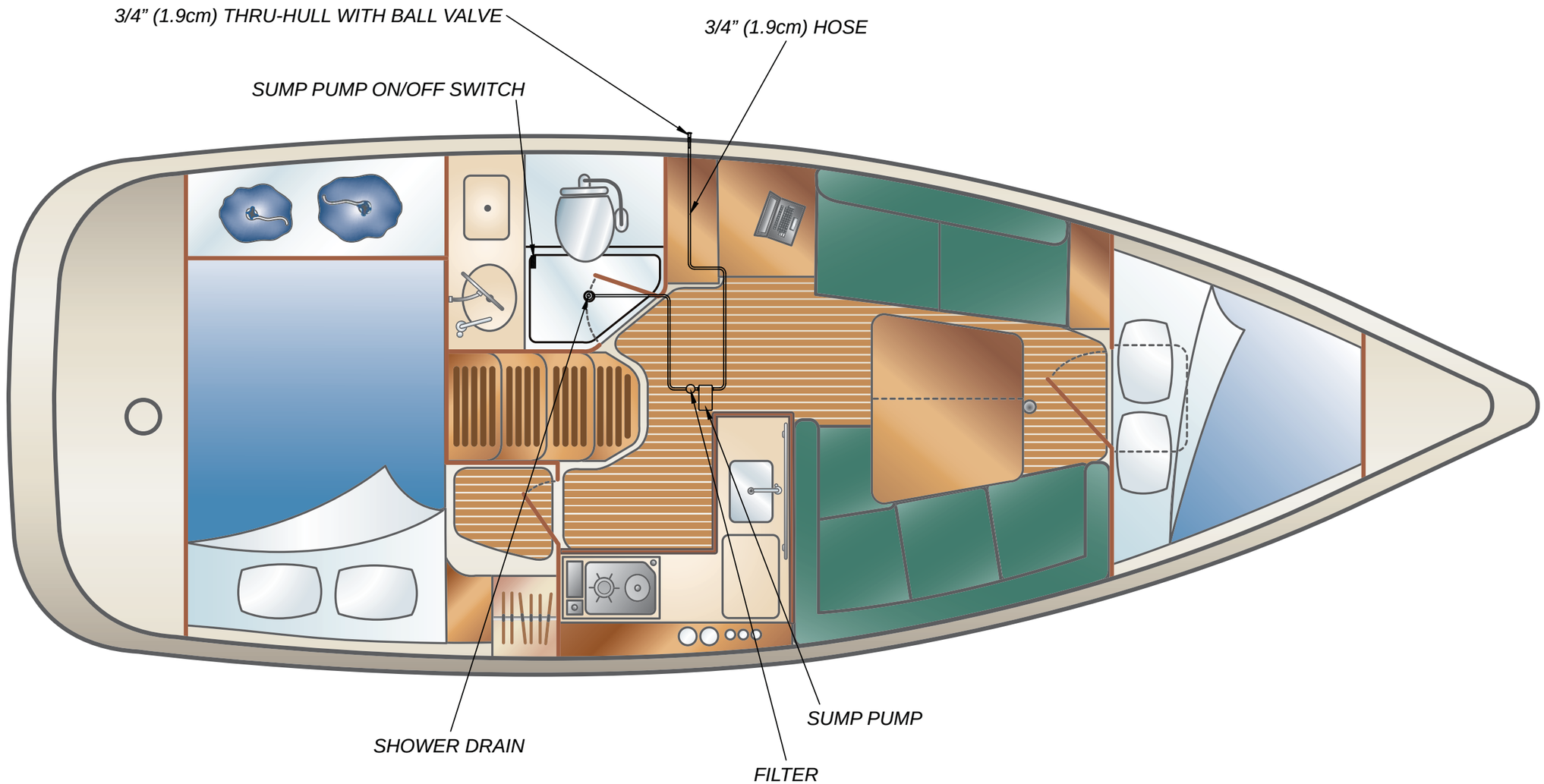
Hunter 31

Waste System (Bilge Water)



Hunter 31

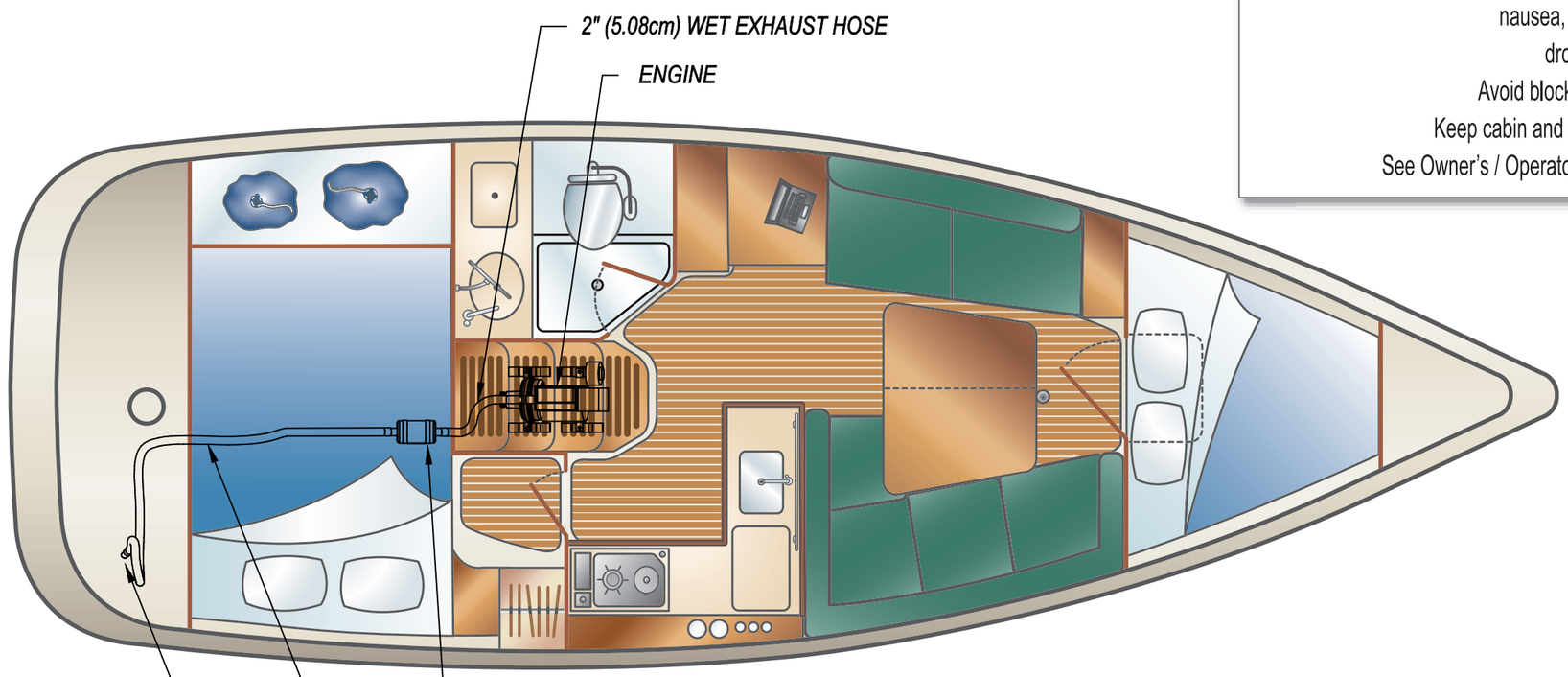
Waste System (Optional Sump Water)



Hunter 31
Exhaust System

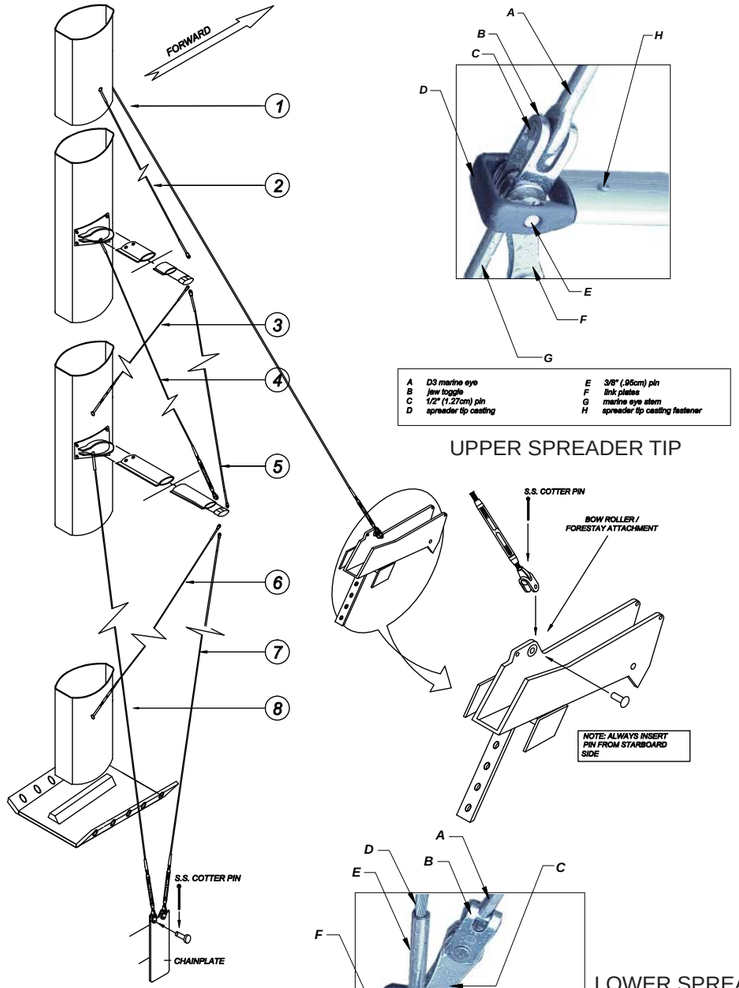
! DANGER !

Direct exposure to Carbon Monoxide will cause brain damage or death!
Carbon Monoxide is colorless, odorless, and dangerous!
All engines, generators, and open flame appliances produce Carbon Monoxide!
Signs of exposure include nausea, dizziness and drowsiness!
Avoid blockage of exhausts!
Keep cabin and cockpit well ventilated!
See Owner's / Operator's Manuals for more details!



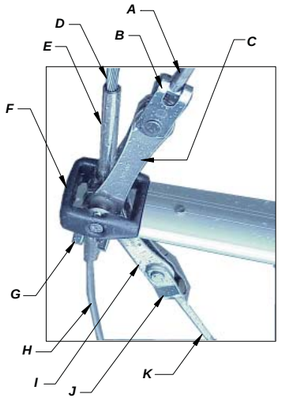
Hunter 31

Standing Rigging



A	D3 marine eye	E	3/8" (.95cm) pin
B	jew toggle	F	link plates
C	1/2" (1.27cm) pin	G	marine eye stem
D	spreader tip casting	H	spreader tip casting fastener

UPPER SPREADER TIP



LOWER SPREADER TIP

A	D2 stem T	G	jew toggle
B	jaw toggle	H	V1
C	link plates	I	link plates
D	V2	J	jaw toggle
E	marine eye	K	RD1 stem T
F	spreader tip casting		

HUNTER 31 CONVENTIONAL STANDING RIGGING

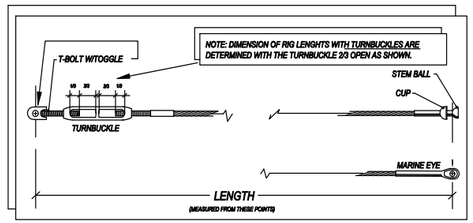
	ITEM	QTY	WIRE SIZE		FITTINGS	CP-CP OR CP- EOS	
1	D3	2	1/4"	6mm	T-TERMINAL 308-324	**10ft 8 3/4"**	**3270 mm**
					FORK 308-417		
2	V2	2	1/4"	6mm	EYE 308-362	**10ft 6"**	**3200 mm**
					EYE 308-362		
3	D2	2	5/32"	4mm	Stemball 308-510-01	**10ft 5 1/2"**	**3190 mm**
					Stemball Cups 306-572 +573		
					STD/FRK TB 174-472-06		
4	RD2	2	5/32"	4 mm	FORK 308-312-01	**9ft 11 1/2"**	**3035 mm**
					STD/T TB 174-472-21		
5	V1	2	1/4"	6 mm	Fork 308-417	**11ft 8"**	**3560 mm**
					STD/TGLE TB 174-324-09		
6	D1	2	1/4"	6 mm	Stemball 308-512-01	**12ft 2 1/2"**	**3720 mm**
					Stemball Cup 306-573		
					STD/TGLE TB 174-324-09		
7	RD1	2	5/32"	4 mm	FORK 308-312-01	**8ft 11 1/4"**	**2725 mm**
					STD/T TB 174-472-21		
8	F0RESTAY	1	1/4"	6 mm	FURLEX 106-12	**33ft 3 3/4"**	**10155 mm**
					OVERALL CP-CP		
	SELDEN MAST SRIG-0120						

1. **CP** = CENTER PIN; **EOS** = END OF STUD
2. LENGTHS **DO NOT** INCLUDE SPREADER TIP LINKAGE.
3. MEASURE T-TERMINALS & STEMBALLS FROM TOP OF FITTING.

HUNTER 31 FURLING STANDING RIGGING

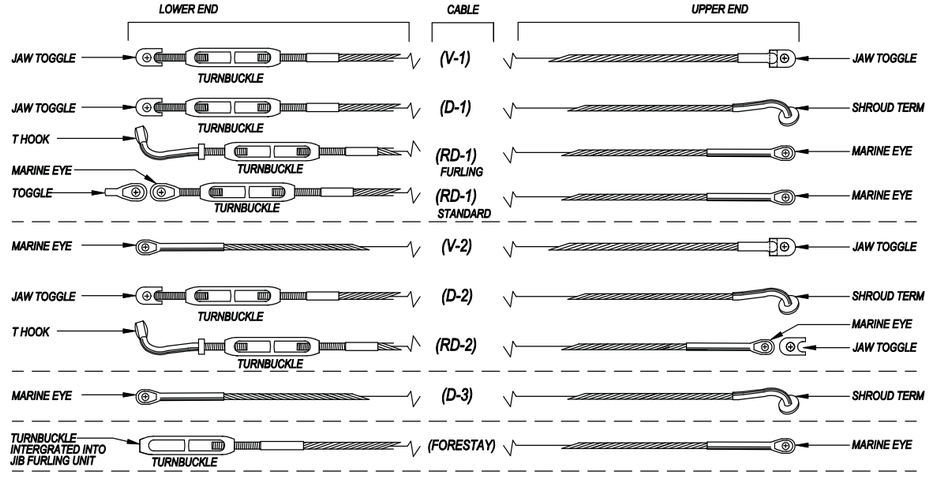
	ITEM	QTY	WIRE SIZE		FITTINGS	CP-CP OR CP-EOS	
1	D3	2	1/4"	6 mm	T-TERMINAL 308-324	**10ft 7 7/8"**	**3250 mm**
					FORK 308-417		
2	V2	2	1/4"	6 mm	EYE 308-362	**10ft 6 3/4"**	**3220 mm**
					EYE 308-362		
3	D2	2	5/32"	4mm	T-TERMINAL 308-322	**9ft 8"**	**2945 mm**
					STD/FRK TB 174-472-05		
4	RD2	2	5/32"	4mm	FORK 308-312-01	**10ft**	**3050 mm**
					STD/T TB 174-472-21		
5	V1	2	1/4"	6 mm	FORK 308-417	**11ft 8 1/4"**	**3560 mm**
					STD/TGLE TB 174-324-09		
6	D1	2	1/4"	6 mm	T-TERMINAL 308-324	**11ft 4 3/4"**	**3475 mm**
					STD/TGLE TB 174-324-09		
7	RD1	2	5/32"	4 mm	FORK 308-312-01	**8ft 11 3/4"**	**2735 mm**
					STD/T TB 174-472-21		
8	FORESTAY	1	1/4"	6 mm	FURLEX 106-12	**33ft 3 3/4"**	**10155 mm**
					OVERALL CP-CP		
	SELDEN MAST SRIG-0121						

1. **CP** = CENTER PIN; **EOS** = END OF STUD
2. LENGTHS **DO NOT** INCLUDE SPREADER TIP LINKAGE.
3. MEASURE T-TERMINALS & STEMBALLS FROM TOP OF FITTING.



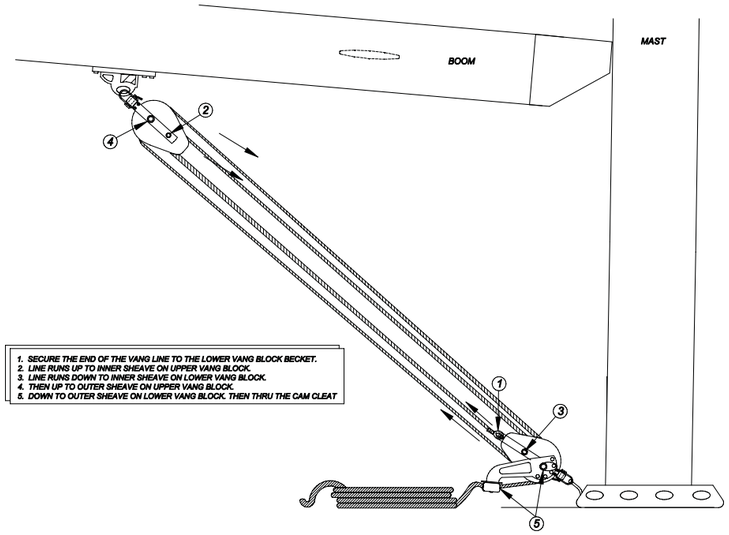
V = VERTICAL
D = DIAGONAL
RD = REVERSE DIAGONAL

1 = LOWER
2 = INTER.
3 = UPPER

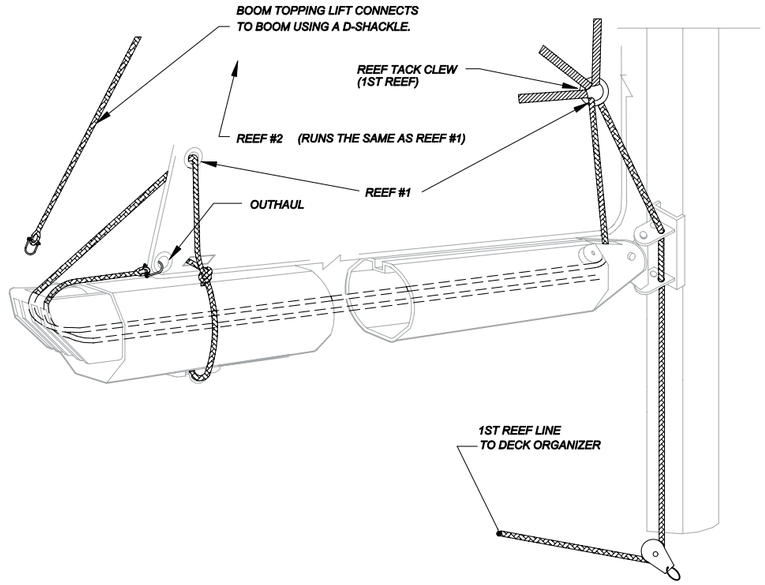


Hunter 31

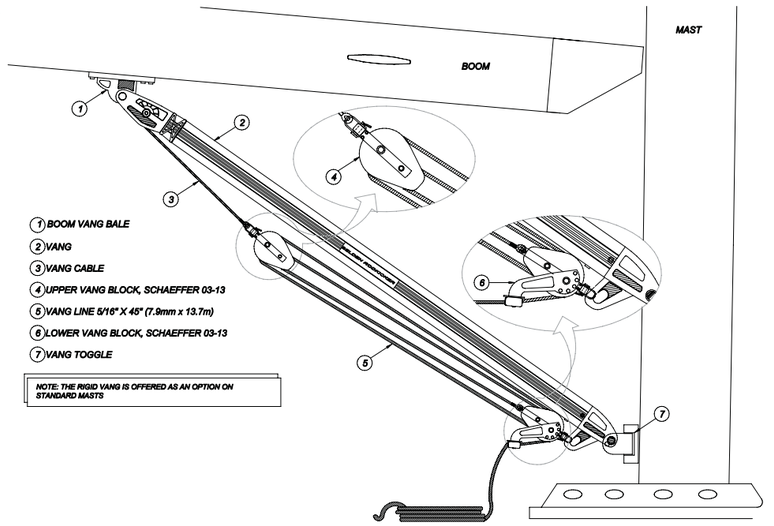
Boom and Mainsheet Purchase Layout



ROPE VANG DETAILS (STANDARD)

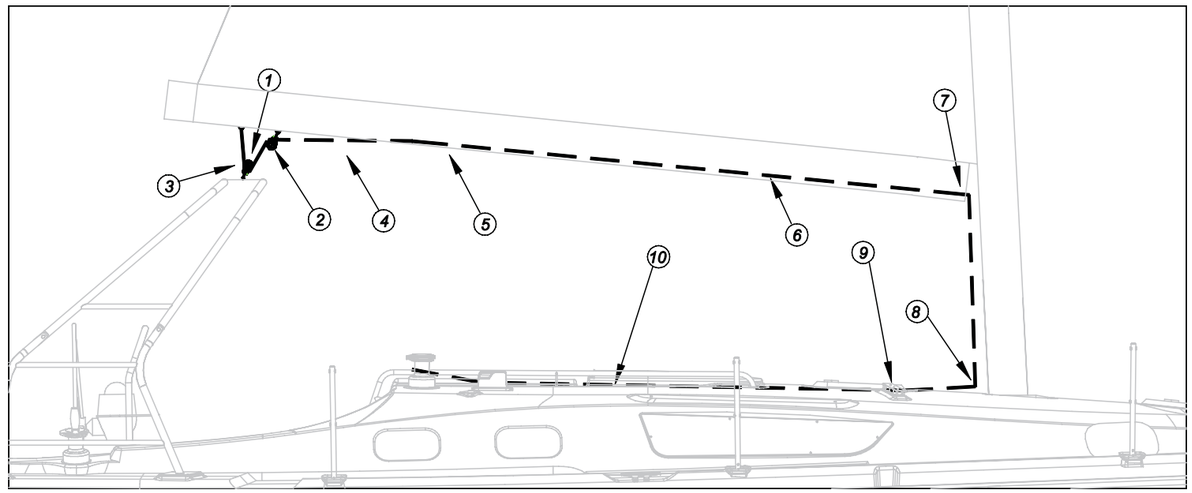


BOOM WITH REEFING LAYOUT

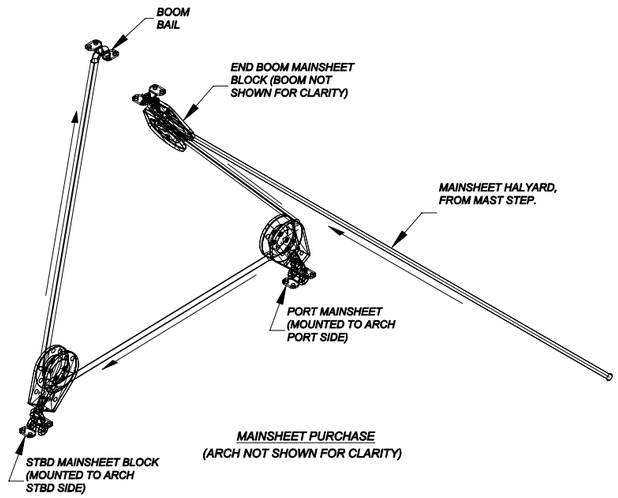


RIGID VANG (FURLING OPTION)

1 ARCH BAIL (MAINSHEET PURCHASE END TIE OFF)
2 BOOM BAIL AND MAINSHEET BLOCK
3 ARCH MAINSHEET BRIDLE
4 MAINSHEET
5 MAINSHEET BOOM EXIT
6 MAINSHEET RUN INSIDE BOOM
7 MAINSHEET SHEAVE INSIDE FWD BOOM END
8 MAINSHEET BLOCK AT MAST STEP
9 MAINSHEET THRU BLOCK DEFLECTORS
10 MAINSHEET THROUGH BLOCK ORGANIZERS TO WINCH

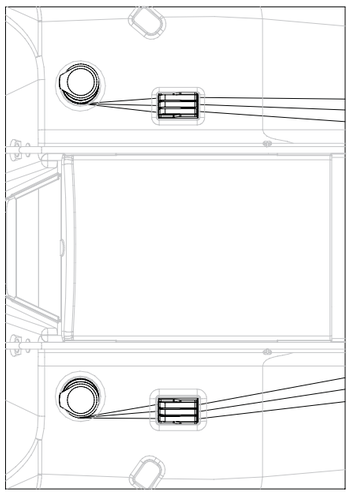


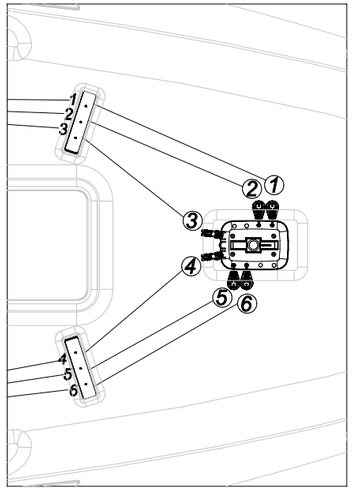
DUEL ENDED MAINSHEET PURCHASE LAYOUT



Hunter 31
Running Rigging

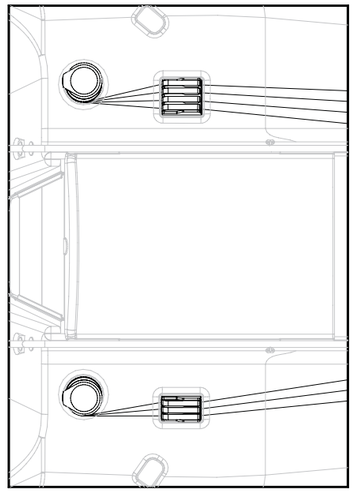
STANDARD RUNNING RIGGING

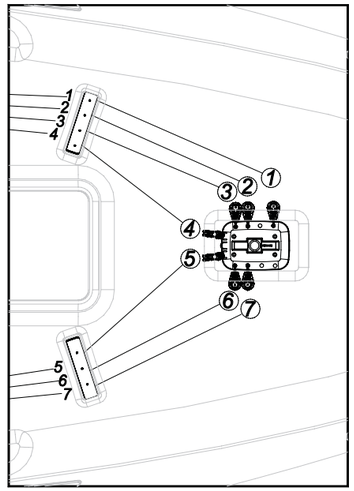




1 OPTIONAL SPINNAKER HALYARD
2 JIB HALTARD
3 #2 REEF
4 #1 REEF
5 MAINSHEET
6 MAIN HALYARD

FURLING RUNNING RIGGING





1 OPTIONAL SPINNAKER HALYARD
2 JIB HALTARD
3 FURLING LINE
4 FURLING LINE
5 OUTHAUL
6 MAINSHEET
7 MAIN HALYARD

RUNNING RIGGING SPECIFICATIONS

Boat: HUNTER 31 CONV.

OPT/STD		ITEM	QTY	Line Size	Line Type	Color	End 1	Length		End 2
1	STD	MAIN HALYARD	1	10mm (3/8")	32/3 pl	BLUE	307-046 SHACKLE/KNOT			BARE
2	STD	JIB HALYARD	1	10mm (3/8")	32/3 pl	RED	307-046 SHACKLE/KNOT			BARE
3	OPT	MAIN TRAVELER LINE	2	8mm (5/16")	16/16pl	WHITE	EYE			BARE
4	STD	MAINSHEET	1	10mm (3/8")	16/16 pl	BLUE	EYE			BARE
5	STD	REEFING LINE #1	1	10mm (3/8")	16/16 pl	GREEN	BARE			BARE
6	STD	REEFING LINE #2	1	10mm (3/8")	16/16 pl	RED	BARE			BARE
7	STD	JIB SHEET	2	10mm (3/8")	16/16 pl	RED	BARE			BARE
8	OPT	CRUISING SPINN. SHEET	2	10mm (3/8")	16/16 pl	WHITE	BARE			BARE
9	OPT	SPINNAKER HALYARD	1	10mm (3/8")	16/16 pl	YELLOW	307-207 SHACKLE/KNOT			BARE
10	STD	LAZY JACK WIRE	2	4 mm (5/32")	Plastic Covered 7x19	WHITE	307-01 SHACKLE THIMBLE			THIMBLE
11	STD	FIXED LAZY JACK LINE	2	8mm (5/16")	16/16 pl	WHITE	BARE			BARE
12	STD	BOOM TOPPING LIFT	1	8mm (5/16")	16/16 pl	WHITE	307-013 SHACKLE/EYE			BARE
13	STD	OUTHAUL WIRE	1	4MM (5/32")	7X19 WIRE		THIMBLE			THIMBLE
14	STD	OH JAM	1	8mm (5/16")	16/16 pl	WHITE	EYE WITH BLOCK 538-136			BARE

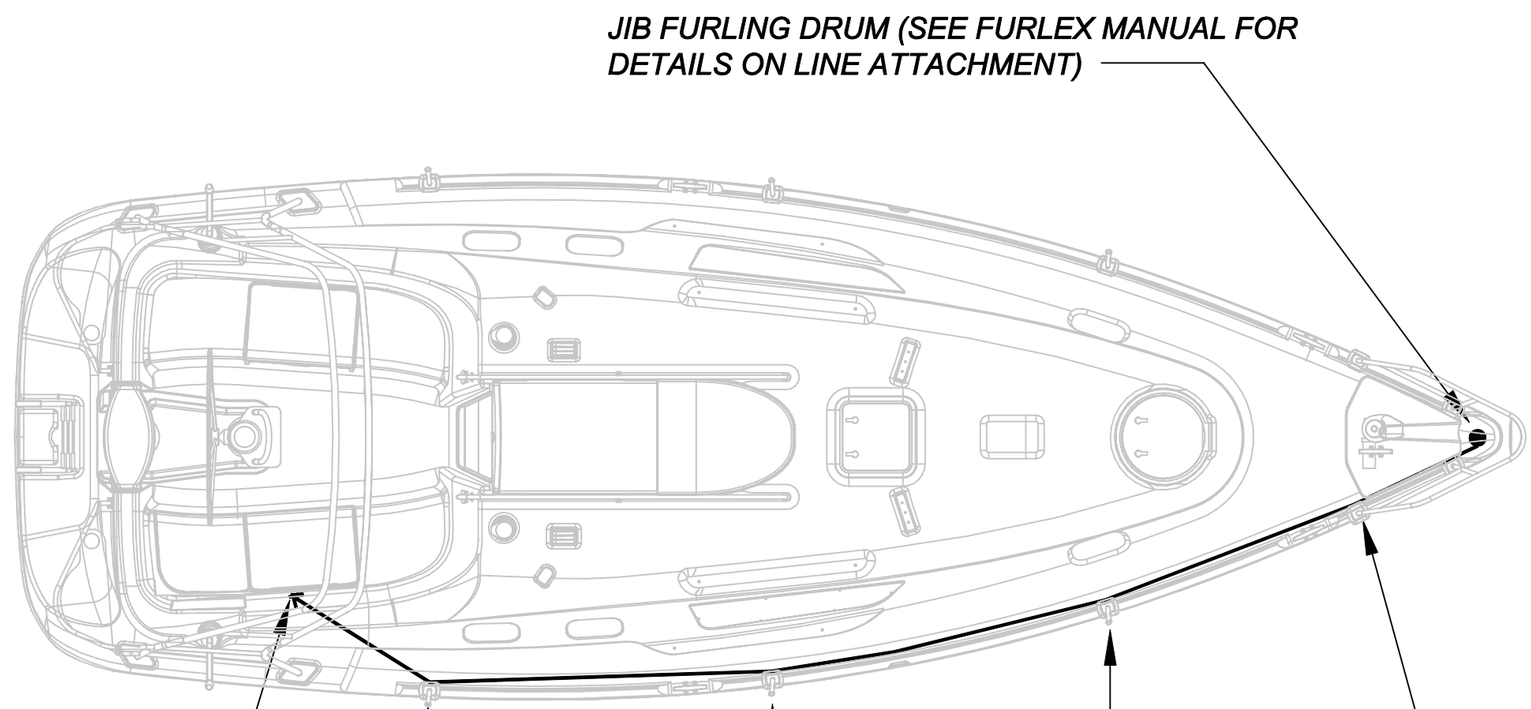
RUNNING RIGGING SPECIFICATIONS

Boat: HUNTER 31 FURL.

OPT/STD		ITEM	QTY	Line Size	Line Type	Color	End 1	Length		End 2
1	STD	MAIN HALYARD	1	10mm (3/8")	Dyneema	B/W	307-020 SHACKLE/EYE	28.1m	92ft	BARE
2	STD	JIB HALYARD	1	10mm (3/8")	32/3 pl	RED	307-046 SHACKLE/KNOT	24.5m	80ft	BARE
3	STD	MAIN TRAVELER LINE	2	8mm (5/16")	16/16 pl	WHITE	BARE	7.9m	26ft	BARE
4	STD	MAINSHEET	1	10mm (3/8")	16/16 pl	BLUE	EYE	17m	56ft	BARE
5	STD	JIB SHEET	2	12mm(1/2")	16/16 pl	RED	BARE	10.1m	33ft	BARE
6	OPT	CRUISING SPINN. SHEET	2	10mm (3/8")	16/16 pl	WHITE	BARE	18.2m	60ft	BARE
7	OPT	SPINNAKER HALYARD	1	10mm (3/8")	16/16 pl	YELLOW	307-207 SHACKLE/KNOT	25m	82ft	BARE
8	OPT	RODKICKER TACKLE	1	10mm (3/8")	16/16 pl	WHITE	EYE	4m	13ft	BARE
9	STD	BOOM TOPPING LIFT	1	8mm (5/16")	16/16 pl	WHITE	307-013 SHACKLE/EYE	25m	82ft	BARE
10	STD	MAINSAIL FURLING LINE	1	10mm (3/8")	16/16 pl	YELLOW	BARE	12m	39ft	BARE
11	STD	MAINSAIL OUTHAUL	1	10mm (3/8")	16/16 pl	WHITE	EYE	20m	65ft	BARE

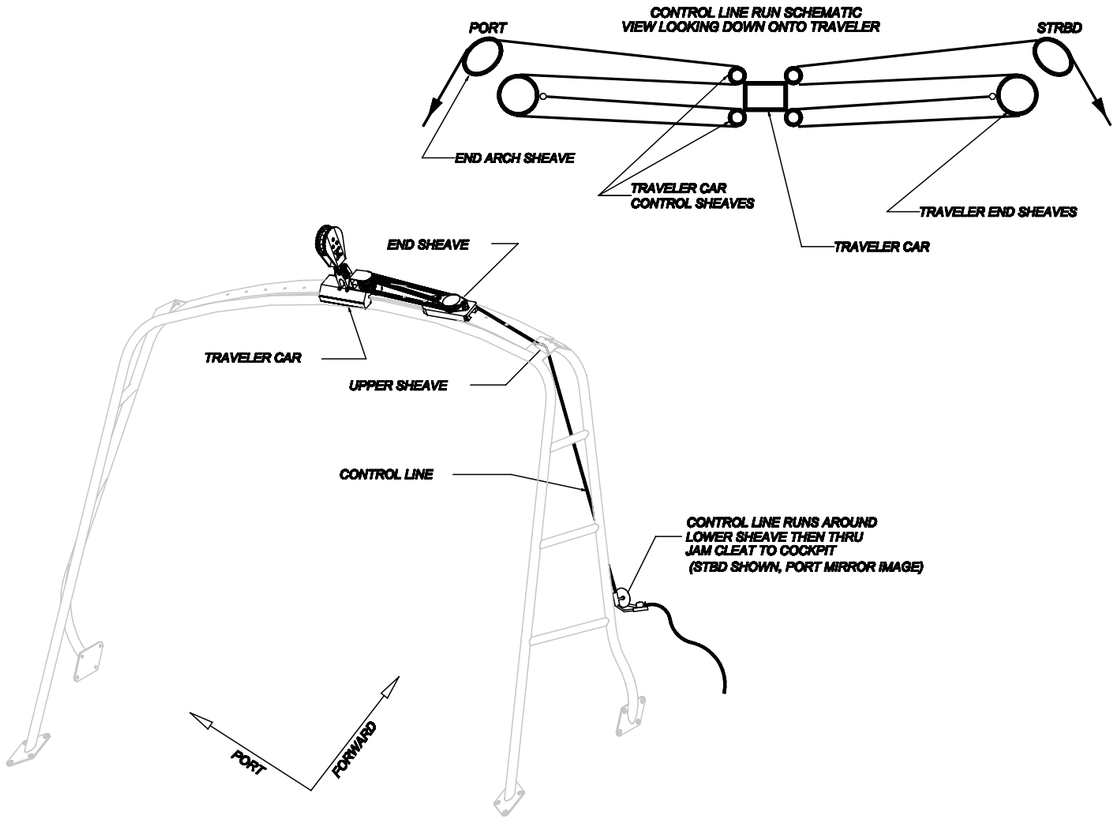
Hunter 31

Jib Furling Line Layout

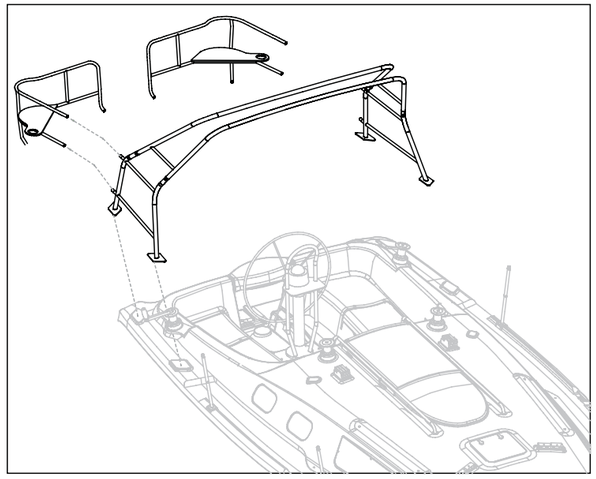


Hunter 31

Optional Mainsheet Purchase Traveler Layout



Hunter 31
Arch Installation



FOR CLARITY, THE STERNRAILS ARE DEPICTED IN AN EXPLODED VIEW

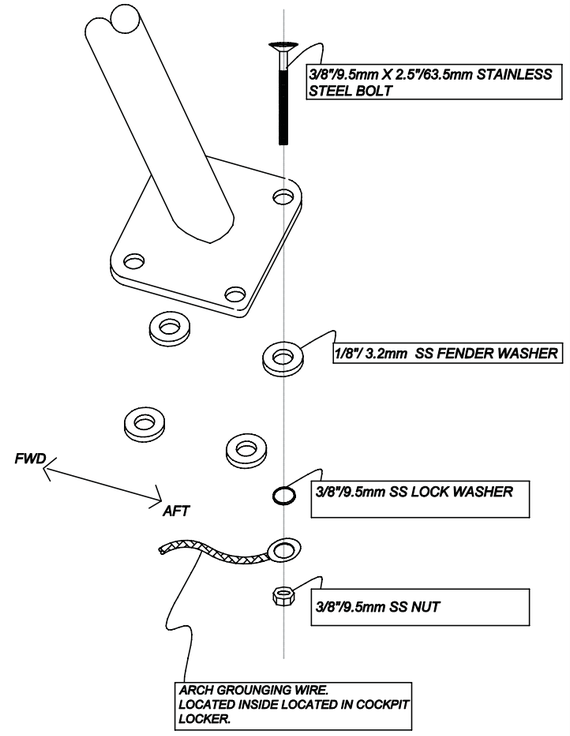
ARCH INSTALLATION: NOTES AND TOOL LIST

NOTES:
1. IMPORTANT: READ ALL OF THE INSTALLATION INSTRUCTIONS THOROUGHLY BEFORE BEGINNING.
2. THIS JOB REQUIRES TWO PEOPLE. IT IS IMPORTANT THAT THE ARCH IS FIRMLY SUPPORTED UNTIL IT IS FULLY ATTACHED TO THE DECK.
3. WHEN INSTALLING ARCH: TO AVOID POSSIBLE INJURY, ORIENT THE DIRECTION OF THE ARCH (LEANING FORWARD) PRIOR TO BEGINNING THE INSTALLATION PROCESS.
4. SEE BELOW FOR A LIST OF TOOLS SUGGESTED FOR THE INSTALLATION PROCESS.
5. IMPORTANT: REMEMBER TO CHECK ALL THE ARCH BOLTS / NUTS AFTER THE INITIAL SEA TRIAL AND RETIGHTEN AS NECESSARY

SUGGESTED TOOL LIST:
DRILL AND 3/8" DRILL BIT (TO CLEAR SEALANT FROM HOLES)
3/8" DRIVE RATCHET
6" EXTENSION
9/16" DEEP & REGULAR SOCKET
9/16" WRENCH
SCREW DRIVER--PHILLIPS HEAD (LARGE P-4)
CAULK GUN
TUBE OF SEALANT (3M 5200)
NEVER SEIZE (BOLT LUBE)
RAZOR KNIFE
WIRE STRIPPERS/CRIMPS
RAGS
ACETONE OR LACQUER THINNER / CLEAN UP

1. *REMOVE ALL ACCESSORIES STOWED IN THE COCKPIT LOCKERS. THIS WILL ENABLE EASIER ACCESS WHEN FASTENING THE ARCH BOLTS*
2. *WITH 3/8" DRILL BIT, REMOVE ANY SEALANT FROM PRE-DRILLED ARCH HOLES.*
3. *CLEAN AROUND THE MOUNTING HOLES USING ACETONE OR LACQUER THINNER.*
4. *APPLY A GENEROUS AMOUNT OF 3M 5200 SEALANT AT THE ARCH MOUNTING HOLE LOCATIONS ON THE FOOT DECK.*
5. *TO AVOID POSSIBLE INJURY, ORIENT THE ARCH (LEANING FORWARD) PRIOR TO PLACING IT ON THE BOAT.*
6. *BEFORE PLACING ARCH ONTO ARCH PADS, ALIGN STERNRAIL PIPES WITH RECEIVER CUPS ON ARCH AND JOIN. DO NOT BOLT UNTIL OTHER COMPONENTS ARE IN PLACE.*
7. *PLACE THE ARCH ON THE DECK OF THE BOAT. ALIGN THE ARCH FOOT HOLES ON ONE SIDE(EITHER PORT OR STARBOARD) WITH THE CORRESPONDING PRE DRILLED DECK HOLES.*
8. *INSERT 3/8"(9.5mm) STAINLESS STEEL BOLTS THRU ALL HOLES IN ARCH FOOT AND INTO THE COAMING.*
9. *REPEAT STEP 8 WITH OTHER ARCH FOOT.*
10. *ACCESS THE UNDERSIDES OF THE DECK AT THE ARCH FOOT LOCATIONS AS FOLLOWS:*
    STBD : THRU STARBOARD SIDE GULLWING LOCKER
    PORT: THRU PORT SIDE GULLWING LOCKER
11. *INSTALL THE 1/8" (3.2mm) FENDER WASHERS ON THE INSIDE OF THE COAMING AND INSTALL LOCK WASHER AND S.S. NUT ON THE BOLT WHICH HAS BEEN INSERTED. TIGHTEN BOLT COMPLETELY. (IT IS IMPORTANT TO APPLY A SMALL AMOUNT OF NEVER SEIZE TO THE BOLT TO PREVENT "GAULING" OF THE THREADS.)*
12. *BE SURE TO INSTALL THE ARCH GROUNDING WIRE, LOCATED IN THE STARBOARD GULLWING LOCKER.*
13. *RECHECK THE ARCH FIT ONTO THE DECK. THE HEIGHT SHOULD MEASURE AT LEAST 6' 2" (1.88)*
14. *SECURELY TIGHTEN ALL THE NUTS AND BOLTS USING A CROSS TIGHTENING PATTERN. (DO NOT FORGET TO USE A SMALL AMOUNT OF LUBRICANT FOR THE BOLTS).*
15. *CLEAN EXCESS SEALANT FROM AROUND THE ARCH FEET AND COAMING AREAS USING ACETONE OR LACQUER THINNER..*
16. *RECHECK THE BOLTS AFTER THE INITIAL SEA TRIAL AND TIGHTEN AS NECESSARY.*
17. *AFTER ARCH IS SECURE, BOLT STERNRAIL FEET TO ARCH CUPS.*

TYPICAL ARCH FOOT



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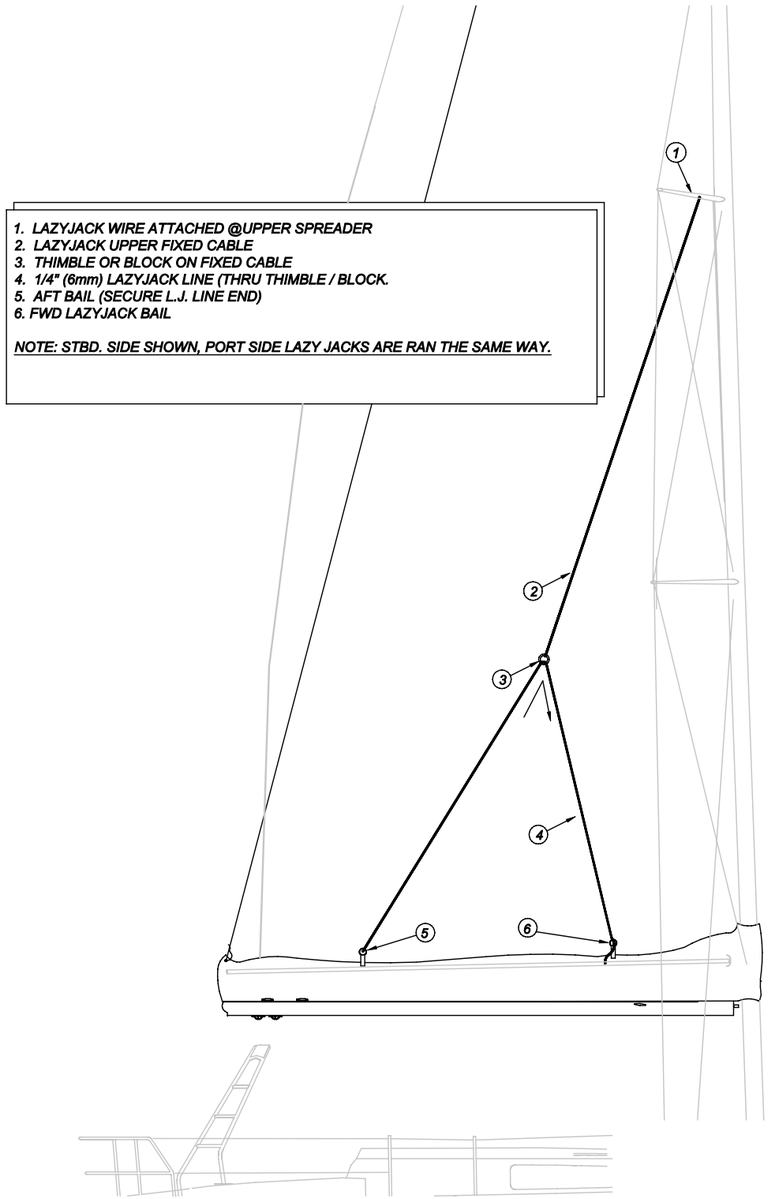
Lazyjack Installation



1. LAZYJACK WIRE ATTACHED @UPPER SPREADER
2. LAZYJACK UPPER FIXED CABLE
3. THIMBLE OR BLOCK ON FIXED CABLE
4. 1/4" (6mm) LAZYJACK LINE (THRU THIMBLE / BLOCK.
5. AFT BAIL (SECURE L.J. LINE END)
6. FWD LAZYJACK BAIL

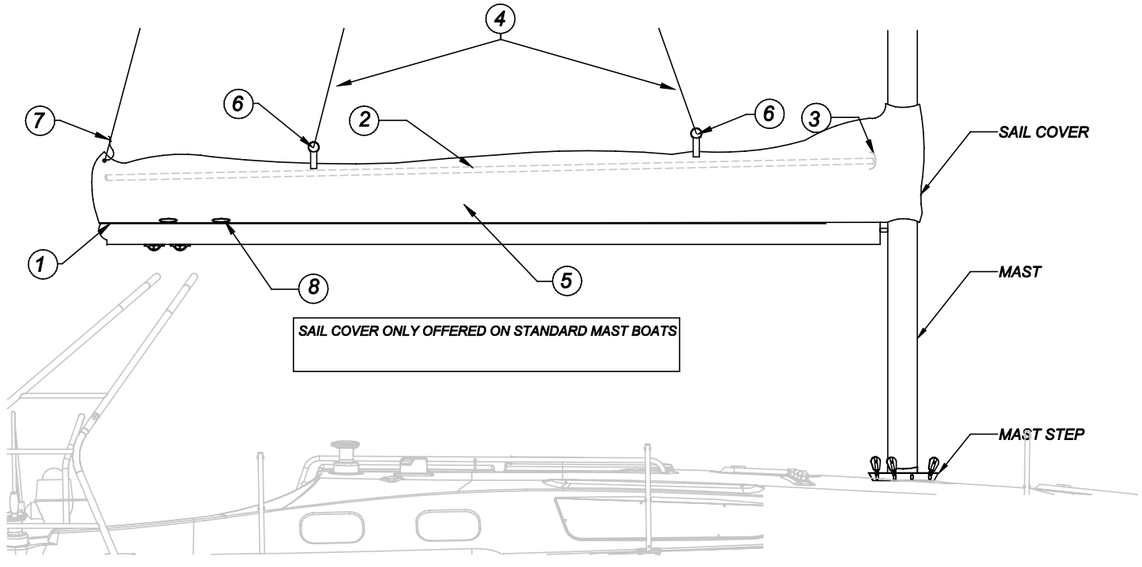
NOTE: STBD. SIDE SHOWN, PORT SIDE LAZY JACKS ARE RAN THE SAME WAY.

SLIDE THE BOLTROPE INTO BOOM TRACK①. START FROM THE AFT END AND MAKE YOUR WAY FORWARD.

INSTALL THE PVC BATTENS② INTO EACH HALF OF THE SAIL COVER. THERE ARE POCKETS③ THAT OPEN TOWARDS THE FRONT, ON THE INSIDE OF THE COVER. SLIDE THE BATTENS INTO PLACE FROM THE FRONT, AND ROLL THE INSIDE LIP OF THE POCKET BACK IN ORDER TO HOLD THE BATTENS STATIONARY.

FEED THE LAZYJACK LINES ④ TO THE SAIL COVER ⑤ AND DEAD END THE LINES TO THE FWD AND AFT BAILS ⑥ ON THE SAIL COVER.

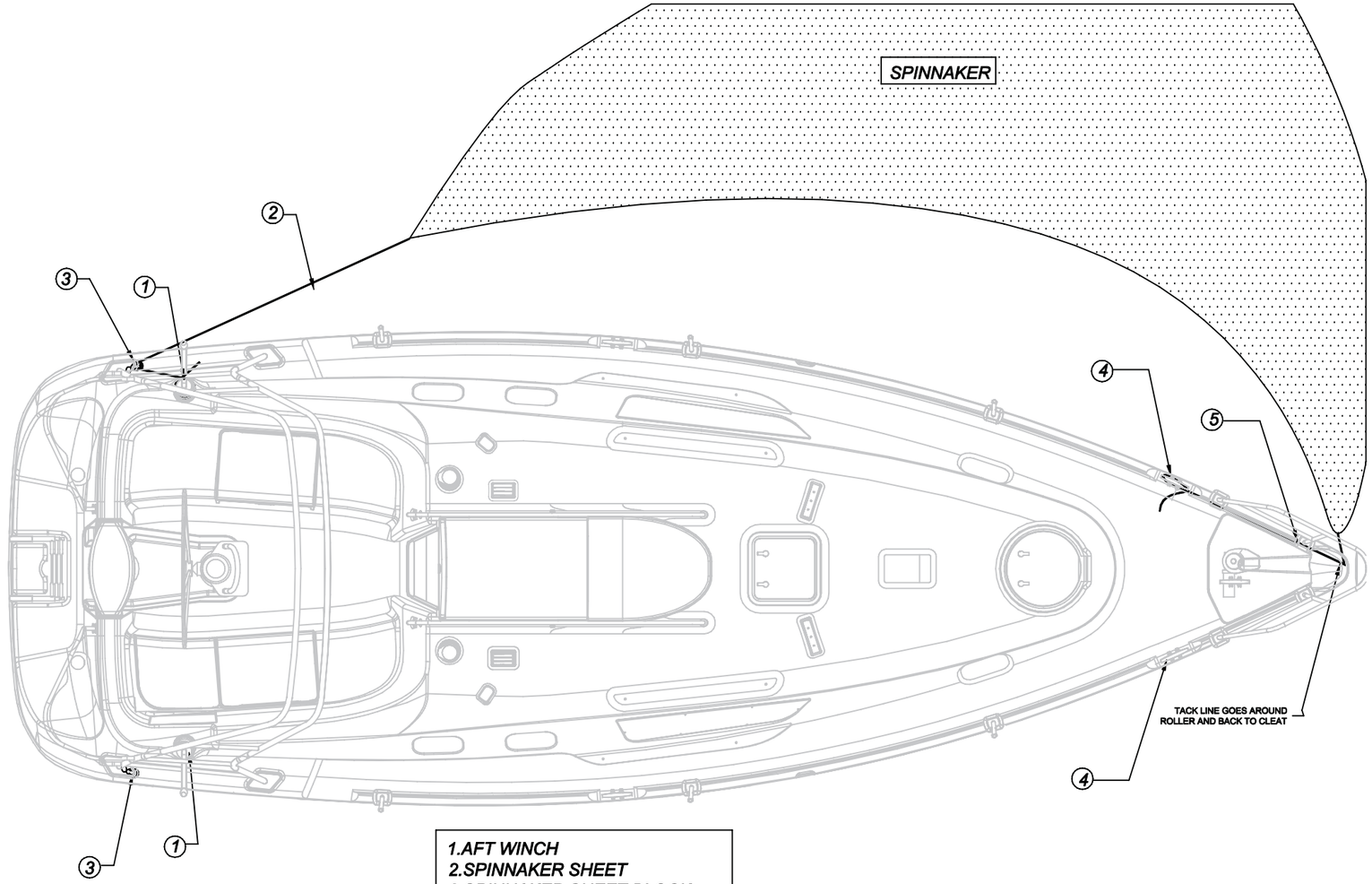
TIE THE AFT END OF THE SAIL COVER UP TO THE TOPPING LIFT LINE USING THE PIECE OF STRING PROVIDED⑦. USE HALF HITCH KNOTS TO SECURE THE COVER IN PLACE AT THE OUTER END OF THE BOOM. THE REEF LINES RUN OUT THROUGH THE COVER SLOTS⑧ AND TIE OFF.



SAIL COVER ONLY OFFERED ON STANDARD MAST BOATS

Hunter 31

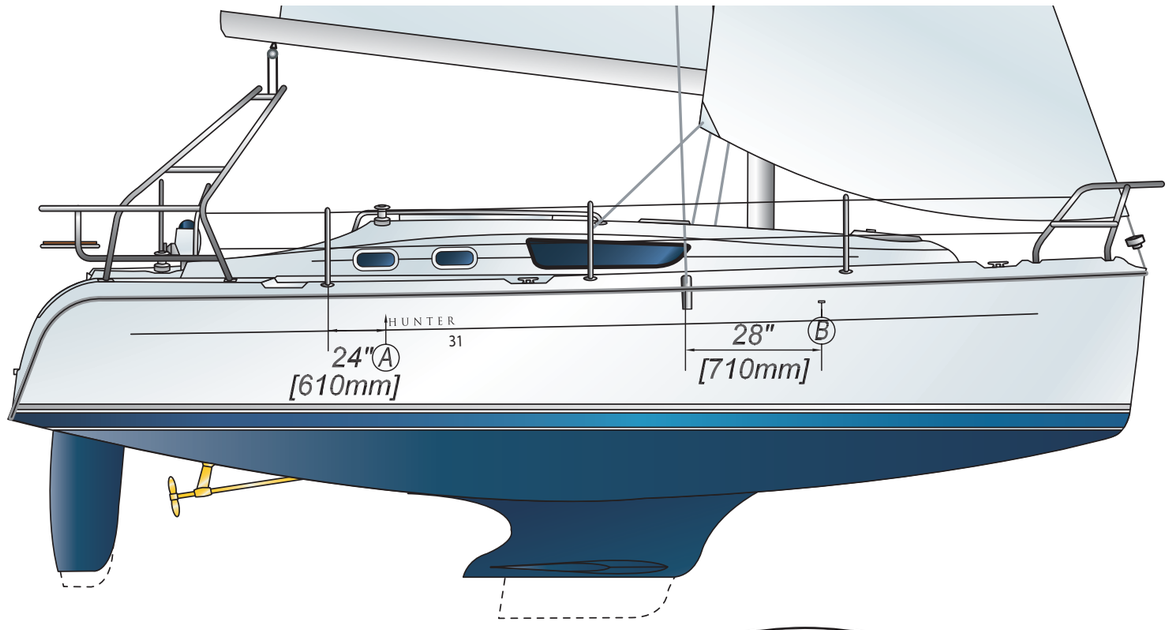
Optional Spinnaker Layout



1.AFT WINCH
2.SPINNAKER SHEET
3.SPINNAKER SHEET BLOCK
4.SPINNAKER TACK LINE CLEAT
5.SPINNAKER TACK LINE

Hunter 31
Lifting Points

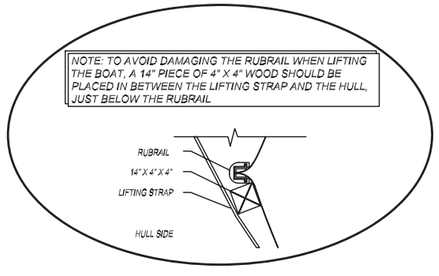
Lifting Points with Propeller



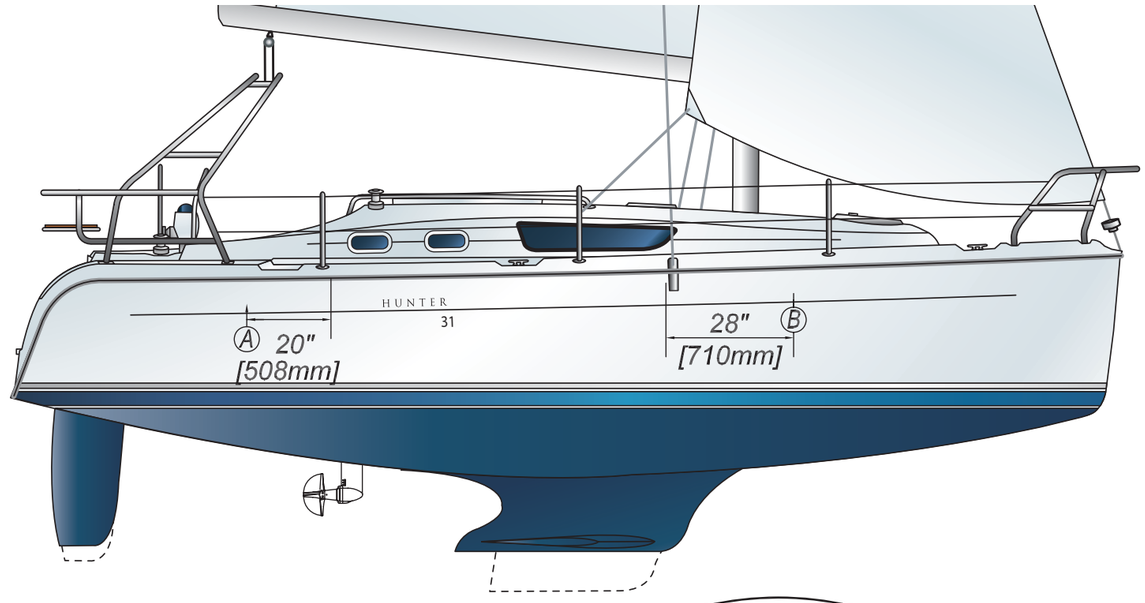
A AFT LIFTING POINT (INDICATED BY DECAL) PLACEMENT IS ALIGNED WITH INTERIOR STRUCTURAL SUPPORT PROVIDED BY BULKHEADS. ALSO BE SURE YOU ARE WELL FORWARD OF PROP SHAFT.

B FWD LIFTING POINT (INDICATED BY DECAL) PLACEMENT IS FWD OF CHAINPLATE SO AS TO ALIGN WITH INTERIOR STRUCTURAL SUPPORT PROVIDED BY FWD SALON BULKHEAD.

NOTE: TO AVOID DAMAGING THE RUBRAIL WHEN LIFTING THE BOAT, A 14" PIECE OF 4" X 4" WOOD SHOULD BE PLACED IN BETWEEN THE LIFTING STRAP AND THE HULL, JUST BELOW THE RUBRAIL



Lifting Points with Saildrive



A AFT LIFTING POINT (INDICATED BY DECAL). BE SURE YOU ARE WELL AFT OFF FOOT OF ENGINE.

B FWD LIFTING POINT (INDICATED BY DECAL) PLACEMENT IS FWD OF CHAINPLATE SO AS TO ALIGN WITH INTERIOR STRUCTURAL SUPPORT PROVIDED BY FWD SALON BULKHEAD.

NOTE: TO AVOID DAMAGING THE RUBRAIL WHEN LIFTING THE BOAT, A 14" PIECE OF 4" X 4" WOOD SHOULD BE PLACED IN BETWEEN THE LIFTING STRAP AND THE HULL, JUST BELOW THE RUBRAIL